

National Hydroelectric Power Resources Study - Volume XII

Database Inventory

September 1981

REPORT DOCUMENTATION PAGE				Form Approved OMB No. 0704-0188	
existing data sources, ga burden estimate or any c	thering and maintaining ther aspect of this coll ations Directorate (070 failing to comply with	g the data needed, and ection of information, inc 44-0188). Respondents a collection of information	completing and reviewin sluding suggestions for re should be aware that no on if it does not display a	ig the collection of educing this burde twithstanding any	ng the time for reviewing instructions, searching f information. Send comments regarding this en, to the Department of Defense, Executive other provision of law, no person shall be MB control number.
1. REPORT DATE (DD-N	MM-YYYY)	2. REPORT TYPE		3. DATES CO	OVERED (From - To)
September 1981		Project Report			
4. TITLE AND SUBTITL		C. 1 37 1		. CONTRACT N	JMBER
National Hydroelec		irces Study - Volui			
Database Inventory			5b	. GRANT NUMB	ER
			5c	. PROGRAM EL	EMENT NUMBER
6. AUTHOR(S)			5d	. PROJECT NUM	MBER
			5e	. TASK NUMBEI	२
			5F	. WORK UNIT N	UMBER
7. PERFORMING ORGA US Army Corps of Institute for Water Hydrologic Engine 609 Second Street Davis, CA 95616-	Engineers Resources ering Center (HE			8. PERFORM PR-8	IING ORGANIZATION REPORT NUMBER
9. SPONSORING/MON		AME(S) AND ADDRESS	(ES)	10. SPONSO	R/ MONITOR'S ACRONYM(S)
US Army Corps of Institute for Water Casey Building 7701 Telegraph Ro Alexandria, VA 22	Resources			11. SPONSO	R/ MONITOR'S REPORT NUMBER(S)
12. DISTRIBUTION / AV	AILABILITY STATEN			1	
Approved for publi		ition is uniimited.			
14. ABSTRACT					
This report contain Resources Study (N	NHS) regional repons. Selected site	orts and includes he by site data is arra	ydropower project nged by state, cour	ts which have	e National Hydroelectric Power no apparent potential for economic et name in Appendix C, The text
15. SUBJECT TERMS	1 1	. , .	, •		
_	n, development, r	enewable, hydroel	ectric, power, elect	rical, capacity	erves, oil, natural gas, national, y, energy units, megawatts (MW), sources projects
16. SECURITY CLASSI	FICATION OF:		17. LIMITATION	18. NUMBER	19a. NAME OF RESPONSIBLE PERSON
a. REPORT	b. ABSTRACT	c. THIS PAGE	OF ABSTRACT	OF PAGES	

U

UU

860

U

U

19b. TELEPHONE NUMBER

Database Inventory

September 1981

Prepared for: US Army Corps of Engineers Institute for Water Resources Casey Building 7701 Telegraph Road Alexandria, VA 22315-3868

Prepared by: US Army Corps of Engineers Institute for Water Resources Hydrologic Engineering Center 609 Second Street Davis, CA 95616

(530) 756-1104 (530) 756-8250 FAX www.hec.usace.army.mil



PREFACE

The economic success and high standard of living in this country have been achieved, in part, at the expense of abundant supplies of low cost, non-renewable, energy sources. In recent years however, diminishing reserves of the cheaper non-renewable energy sources, i.e., oil and natural gas, have prompted a <u>national energy policy</u> which emphasizes conservation and the development of new and renewable sources of energy. This report is a direct result of the national energy policy as it focuses on our major existing renewable energy resource, hydroelectric power.

Hydroelectric power currently provides some 13% of the total electrical generating capacity in the United States. In capacity and energy units, this amounts to some 64,000 megawatts (MW) of capacity and some 280,000 gigawatt hours (GWh) of energy generated annually. Because hydroelectric power is a renewable energy resource, these figures become more and more significant as the non-renewable supplies are depleted.

As a result of the renewable nature of hydroelectric power, Congress, in the Water Resources Development Act of 1976 (P.L. 94-587), authorized and directed the Secretary of the Army, acting through the Chief of Engineers, to undertake a National Hydroelectric Power Resources Study (NHS). Among the objectives of the NHS were (1) to determine the amount and the feasibility of increasing hydroelectric capacity by development of new sites, by the addition of generation facilities to existing water resources projects, and by increasing the efficiency and reliability of existing hydropower systems;

and (2) to recommend to Congress a national hydroelectric power development program.

In order to facilitate the preparation of the NHS and achieve the goals set forth by the authorizing legislation, the study organization was made to conform to the existing electrical power system of the United States. The existing system is made up of nine regions referred to in the NHS as Electric Reliability Council (ERC) Regions. A volume addressing the above objectives has been prepared for each ERC region as well as a separate volume for the states of Alaska and Hawaii (XIV through XXIII). A report on the Commonwealth Puerto Rico is included in the Southeastern Electric Reliability Council Regional report. Volumes XIV through XXIII present regional needs, resources and plans used to form the recommended National Hydroelectric Power Development Plan. The recommended plan with supporting documents will be forwarded to Congress as mandated by P.L. 94-587.

This volume contains a National Summary of selected, site specific, data contained in the regional reports and includes hydropower projects which have no apparent potential for economical hydropower additions. Selected site by site data is arranged by state, county and project name in Appendix C. The text discusses inventory stages, analytic procedures and study sequence.

NATIONAL HYDROELECTRIC POWER STUDY

VOLUME XII HYDROPOWER ANALYSIS TECHNIQUES

AND

NATIONAL RESOURCES SUMMARY

CONTENTS

		Page
PREF	ACE	i
LIST	OF TABLES	v
LIST	OF FIGURES	vi
1.	PURPOSE AND AUTHORITY	1-1
2.	DATA SOURCES	2-1
2.1 2.2 2.3	National Inventory of Dams Other Agencies Corps of Engineers Reports	2-1 2-1 2-2
3.	SCREENING STAGES	3-1
3.1 3.2 3.3 3.4	Stage 1 Stage 2 Stage 3 Stage 4	3-1 3-2 3-3 3-4
4.5 4.6	FORM 1 Analysis Data Management System Format File Structure Data Input and Retrieval Merging Files Files Security Analysis, Assumptions and Computational Techniques Default Analysis	4-1 4-1 4-2 4-5 4-6 4-7 4-8 4-9
	Flow Duration Analysis	4-10 4-11 4-11 4-12 4-12 4-13
		4-13

		Page
5.	FORM 2 Analysis	5-1
5.1 5.2 5.3 5.4 5.5 5.6 5.7	Data Management System Format File Structure Data Input and Retrieval Data Collection Types of Projects Analysis Assumptions and Techniques. Flow Duration Analysis Sequential Monthly Flow Analysis. Cost Procedures Benefits Analytic Techniques and Display. Problems Encountered and Resolutions.	5-1 5-2 5-13 5-15 5-19 5-20 5-22 5-22 5-23 5-25 5-27 5-29 5-41
6.	REGIONAL RANKING	6-1
6.1 6.2	Ranking Concepts Variations	6-1 6-3
7.	SUMMARY	7-1
	APPENDICES	
A	GLOSSARY	
B.1 B.2	DIVISION AND DISTRICT STUDY COORDINATORS FOR NATIONAL HYDROPOWER STUDY Division Study Coordinators District Study Coordinators	
C. C.1	ACTIVE FILE LISTING OF SELECTED DATA BY STATE (Bound Separately) Description of Appendix C	

LIST OF TABLES

Tab]	Le	Page
4-1	FORM 1 Example Site Listing	4-3
4-2	FORM 1 Example Analysis Display	4-4
4-3	Preliminary Inventory of Hydroelectric Power Resources	4-16
5-1	FORM 2 Example Site Listing	5-4
5-2	Available 'Single Site' Commands	5-17
5-3	Available 'Global Search' Commands	5-1.8
5-4	Description of Project Type (Item 84)	5-21
5-5	Regional Capacity Benefit Values (FERC, 1978)	5-30
5-6	Regional Energy Benefit Values (FERC, 1978)	5-31
5-7	Analysis of an Undeveloped Storage Project	5-33
5 - 8	Analysis of an Existing Storage Project Without	
	Existing Hydropower	5-37
5-9	Analysis of an Existing Storage Project With	
	Existing Hydropower	5-39
7-1	National Summary of Active or Ranked Sites for	
	Small Scale Hydroelectric Potential (Distributed	
	by Head and Capacity Ranges)	7-2
7-2	National Summary of Active or Ranked Sites	
	(Distributed by Head and Capacity Ranges)	7–3
7-3	National Summary of Active or Ranked Sites (By State)	7-5
7-4	Estimate of Additional Capacity and Energy at Existing	
	and Undeveloped Projects (Aggregated by Corps of	
	Engineers Division Boundaries)	7-16
7-5	National Summary of Active or Ranked Sites - October 1980	
	(By Project Type, Size and Ownership)	7-1.7

LIST OF FIGURES

Figu	re	Page
4-1 5-1 5-2 5-3 5-4 6-1 7-1	Schematic of National Hydropower Study Form 2 Tapes Schematic of Master Divisional Index and Sub-Indexes FERC Regions for Capacity and Energy Benefits Example of Analysis Messages	
	APPENDIX B	
B-1	Corps of Engineers Division and District Boundaries	B-2

Chapter 1 PURPOSE AND AUTHORITY

The Water Resources Development Act of 1976 (P.L. 94-587) authorized and directed the Secretary of the Army, acting through the Chief of Engineers, to undertake a National Hydroelectric Power Resources Study (referred to throughout this volume as NHS). Among the objectives of the study were: (1) determine the amount and feasibility of increasing hydroelectric capacity at (a) existing hydroelectric project, (b) existing projects not presently equipped to generate power, (c) identify new or authorized projects not yet constructed which could feasibly include hydroelectric power as a project purpose, and (2) to recommend to Congress a national hydroelectric power development program.

This volume will discuss inventory and study procedures which led to conclusions contained in the other volumes of the report, primarily Volumes I, II and XIV through XXIII. More detailed explanations of each step of the analysis and the actual computer program use are contained in Volume XIII and associated appendices.

Appendix C to this volume lists selected data, sufficient to identify, locate, and evaluate the estimated quantity of added capacity and energy developable at the 5400 sites remaining in the active data file at the conclusion of the study. These sites are arranged by state, county and project name.

Chapter 2 DATA SOURCES

2.1 NATIONAL INVENTORY OF DAMS

The primary initial source of data on existing dams came from the 5 volume report, National Program of Inspection of Dams, May 1975, which is a compilation of data for an inventory of federal and non-federal dams compiled by the Corps of Engineers in response to the National Dam Inspection Act (Public Law 92-367) August 1972. The 1975 published inventory of dams (IOD) contained data on approximately 50,000 dams which are 25 feet or more in height or have a maximum impounding capacity of 50 acre-feet or more; however, dams less than six feet in height, regardless of storage capacity or which have a storage capacity at maximum water storage elevation less than 15 acre-feet regardless of height were not included. The file containing the IOD data resides on the Boeing Computer Service Company, Seattle Washington system (BCS). A portion of that data file was transferred to the Lawrence Berkeley Laboratories (LBL) computer center to initiate the data base for the NHS. LBL is a system owned by the Department of Energy and is located at Berkeley, California. Access to this system is available through telephone "dial-up" or dedicated line by all division and district offices.

2.2 OTHER AGENCIES

Dam inventories compiled for various purposes over the years by other agencies such as U. S. Geological Survey, Water and Power Resources Service, Federal Energy Regulatory Commission, Soil Conservation Service, as well as State Agencies, River Basin groups et al were obtained and included in the

initial compilation of potential sites for inclusion or addition of hydropower facilities. These miscellaneous inventories included both existing and identified undeveloped dam sites. These collections of lists and records were in various forms, such as reports, card files, data tapes etc. Duplication of existing dams was expected but each additional record source turned up a few that had been overlooked and additional undeveloped projects were identified from each agency source. An effort was made to eliminate duplicate sites with different names or different sizes from the data base, however, there may still be a few duplications remaining.

2.3 CORPS OF ENGINEERS REPORTS

A primary source for locating many undeveloped projects was through Corps of Engineers river basin study reports and project feasibility "survey" reports prepared through the years. This resulted in the inclusion of some undeveloped sites which were alternatives to each other. However, all were included and those sites recognized or reported as dependent upon the construction of other sites in the region, or alternatives among a group of potential sites, were identified in the data base as such.

Chapter 3 SCREENING STAGES

The study outline prepared by study managers called for four levels of study called "stages", representing increasingly restrictive criteria and refinement. The differences among each of these stages of the study are discussed in this chapter.

3.1 STAGE 1

As a first step in identifying potentially feasible hydropower sites, an inventory was taken of existing dams and undeveloped sites as discussed in Chapter 2. A data form "Form 1" was designed to designate those data required for sites passing an initial screening evaluation based on storage and dam height. As a gross criteria, a site was excluded if the product of storage and height did not exceed 25,000. This criteria excludes those sites where the theoretical capacity was less than 1 MW if all of the stored water were released in one day. There were exceptions to this gross rule to allow low head run-of-river projects to be included. Each Division office was allowed to set their own criteria. The major purpose of the screening was to eliminate sizes such as stock water ponds. A utility computer program was written to read data from a copy of the Inventory of Dams (IOD) file and write it into the Form 1 NHS format. Most of the data in the IOD file was transferred and the above screening procedure or modifications to it were used by each Corps of Engineers Division to delete those projects not meeting the gross minimum capacity value.

A data collection activity was undertaken for the remaining sites and for those sites added from other data sources, as discussed in Chapter 2. Data of particular importance and not in the IOD file were:

- drainage area
- representative stream gage
- average annual flow
- normal net power head
- FERC power supply area

Approximately 17,000 sites met gross screening criteria for Stage 1 and progressed into the Stage 2 phase. Details of data collected and format for Form 1 will be discussed in Chapter 4.

3.2 STAGE 2

During this next stage more detailed data required for Form 1 was collected and additional sites were added or deleted as seemed proper by district and division study personnel. Computer programs and file structure were finalized and generalized cost curves and economic benefit data were developed by the Corps Hydrologic Engineering Center, North Pacific Division Hydroelectric Design Branch and Federal Energy Regulatory Commission (FERC), respectively.

Analytic computer programs were then applied to compute capacity and average annual energy potential. Next, generalized benefit/cost criteria was applied to identify those sites to be recommended for Stage 3 study. The Form 1

data file contained about 3,000 sites where the potential generating capacity was estimated to be less than 50 kW, with another 3,000 sites where the district study teams judged that additional data collection effort was not warranted for one reason or another. These sites were not included in a 6-volume preliminary inventory of physical potential that was prepared at the end of Stage 2 for 10460 sites. However, these 6,000 sites were not discarded. During Stage 3 data collection and analysis some of these sites were brought back into an active study status and the required additional data entered into the file. The remaining sites were eventually placed in an inactive file.

Some 1,500 copies of this preliminary inventory were distributed to federal, state, and private agencies, libraries and individuals. The six-volume inventory organized by regions and states contained a selected data listing of those 10,460 existing and undeveloped sites where the estimated developable generation capacity exceeded 50 kW.

3.3 STAGE 3

A major revision to the site specific data collection was made at this stage. The number of allowable data items was increased from 67 for the Form 1 to 689 for the Form 2. Data was transferred from the Form 1 preliminary inventory into either an inactive file or an active file. This transfer of all sites into Corps of Engineers Division groupings of either "active file" or "inactive file" was based on the preliminary potential increase in capacity being greater than 1,000 kW and the benefit to cost index exceeding 1.0 at existing dams and 0.7 at undeveloped sites. This resulted in approximately 5,400 sites in the active file and 10,700 in the inactive file. Additional

data were collected on storage allocation, and corresponding elevations and surface area. For many sites tailwater rating data, monthly evaporation estimates, monthly energy demand, outlet capacity, channel capacity, upstream diversions, and other related data were added to the Form 2.

Editing software was developed to allow a higher level of display for accuracy checking and computational capabilities were greatly expanded. Cost data and procudures were upgraded and were packaged into a comprehensive computer program XFRM2. These expanded capabilities allowed a more site specific cost and benefit estimate as well as more reliable dependable capacity and firm energy estimates from a monthly period-of-record sequential analysis.

At the end of the analysis phase of Stage 3, another screening was done on the 5,400 sites remaining in the active file. Additional economic evaluations were carried out based on Form 2 data and expanded computer programming. Those sites that appeared favorable were also subjected to an environmental and institutional acceptability screening after collecting the additional data required for such an evaluation. Sites without overriding adverse impacts in any of these areas were then considered for "Stage 4" ranking and grouping.

3.4 STAGE 4

About 2,000 sites passing all previous evaluation and screening phases were ranked in various ways as discussed in Chapter 6. Existing and forecasted regional power demands were determined for each of the Electric Reliability Council regions and systems of potential hydropower projects which could help

meet future regional demands for electrical energy were grouped and reported in the various regional report volumes XIV through XXIII of this NHS. Regional information emerging from these report volumes were then assimilated for the National Hydropower Report to be forwarded to Congress.



Chapter 4 FORM 1 ANALYSIS

The data management, design, analytical procedures and results of the Form 1 data collection and analysis conducted as part of Stage 2 of the study will be discussed in this chapter, in sufficient detail to allow the reader to evaluate the depth of study and validity of assumptions used to reach the reported conclusions.

4.1 DATA MANAGEMENT SYSTEM

Recognizing that considerable data at perhaps as many as 60 to 70 thousand sites might be required at the early stages of the study, it was apparent that a rather formal data management system would be required if field engineers at 36 District and 11 Division offices were to input data and have simultaneous access to the files. The data base and computer programs used to edit and analyze the data base were contained on magnetic tape files at the Lawrence Berkeley Laboratory (LBL), a Department of Energy facility, located at Berkeley, California. This facility uses a Control Data Corporation (CDC) hardware system. It was chosen primarily because of its extremely low cost and also because of its ready access by dedicated line from the Hydrologic Engineering Center (HEC) and by dial-up from each district and division office. Consequently, file structure and editing software programs are strongly CDC system dependent with some LBL system job control language calls. The basic analysis programs are standard Fortran.

The working data base files are grouped on eleven separate magnetic tapes, one for each of the eleven divisions of the Corps of Engineers. Each

divisional file has a header index which is used to provide a quick random access to a specific state or site within the file by address location.

Additional details and flow charts are included in Volume XIII Part 1.

4.2 FORMAT

Table 4-1 displays the "Form 1" labeled data and item reference numbers. All of these data have not been entered into the file for every site.

Certain minimum data are required to facilitate an evaluation of power potential. In some cases, district study managers had feasibility report details available so that capacity and energy estimates were already established and could be entered into the file directly. Other sites identified sufficiently to include in the file initially, remain incomplete in critical data items for one reason or another and were not processed or included in the preliminary inventory publication. Some of these may have been researched further during Stage 3 activities and may be included in the final publication of active file sites published with this volume.

In addition to the basic 67 items shown in Table 4-1, an additional array of data items 700 through 889 are stored during the execution of a hydropower potential analysis as shown in Table 4-2. When a complete Form 1 listing is requested the entire labeled data file is printed (items 0-889). Most of the labeled data items are described adequately for a clear understanding of their meaning. Others, such as items 60, 70, 270, 400, 410, etc., require additional information in order to decode the data characters. These are available in Volume XIII Part 1, "Data Base Description". Negative signs associated with numeric entries in items 0 through 660 indicate only that the

Table 4-1

FORM 1 EXAMPLE SITE LISTING

```
O STATUS OF FILE
                                            DURC I
  1 LAST UPDATE (YR/MO/DY)
2 LAST UPDATE (TIME OF DAY)
                                             79/06/07
                                             16.40.54
  3 USGS GAGE SELECTION (OHUSER 1MMACH)
                                                   0.
  4 FLO-DUR, SEG-ROUT PARAMETER (0.0-1.0)
  5 USGS TAPE NO. FOR MONTHLY FLOWS
                                                  55.0
                                                8090.0
  6 DRAINAGE AREA OF SELECTED GAGE
  7 CALCULATED POWER HEAD
                                                 28.0
                                                    .8
  & SITE TO GAGE DRAINAGE RATIO
                                                   ٥.
  9 POWER STORAGE TO AVERAGE G RATIO -YR
                                            WI00724
 10 PROJECT ID NUMBER
                                    (A7)
 20 PROJECT NAME
                                           CASTLE ROCK 2MP724
                                    (A37)
 30 NAME OF STREAM
                                    (429)
                                           WISCONSIN
 40 DIVISION
                                    (A3)
                                            NCD
 50 DISTRICT
                                    (EA)
                                            NCS
                                                     7
 60 REGION
                                    (12)
 70 BASIN
                                    (15)
                                    (F5.1)
 80 LATITUDE
                                                  43.9
 90 LONGITUDE
                                    (F6.1)
                                                  90.0
100 PRIMARY STATE
                                    (SA)
110 PRIMARY COUNTY
                                    (13)
120 PRIMARY CONGRESSIONAL DISTRICT(12)
                                                    -0
130 SECONDARY STATE
                                    (SA)
140 SECONDARY COUNTY
                                                    =0
                                    (13)
                                                    =0
150 SECONDARY CONGRESSIONAL DIST
                                   (51)
160 FERC REGIONAL OFFICE
                                           CH
                                    (42)
170 FERC POWER SUPPLY AREA
                                                    13
                                    (15)
                                                556500
180 FERC RIVER BASTN CODE
                                    (16)
                                                    50
190 FERC SITE CODE
                                    (15)
200 FERC STATE CODE
                                    (15)
                                                    55
210 HYDRAULIC HEIGHT OF DAM (FT)
                                                  32.0
                                  (F4.0)
                                              240960.0
220 MAXIMUM STORAGE (ACRE-FT)
                                    (F8.0)
230 HT OF NORMAL RETENTION (FT)
                                    (F4.0)
                                                  32.0
240 NORMAL STORAGE (ACREST)
                                    (F8.0)
                                              160640.0
                                    (F4.0)
                                                 28.0
250 NORMAL NET POWER HEAD (FT)
                                    (F8.0)
                                                6845.0
260 DRAINAGE AREA (SQ. MI.)
270 STREAMFLOW CHARACTERISTICS
                                    (A1)
280 MACHINE ESTIMATES DESIRED
                                    (A3)
                                            YES
290 REPRESENTATIVE GAGE SELECTED (19)
                                               5404000
                                                4077.0
300 AVERAGE ANNUAL INFLOW (CFS)
                                    (F8.0)
                                           MAIN
310 ELECTRIC RELIABILITY COUNCIL (AS)
320 INSTALLED CAPACITY (KN)
                                    (F8_0)
                                               15000.0
                                              75000.0
                                    (F9.0)
330 AVF ANNUAL ENERGY INSTALLED
340 IDENTIFIED POWER POTENTIAL (KW) (F8.0)
                                               8562.0
350 AVE ANNUAL ENERGY (MHW) POTENTIA (F9.0)
                                              75000.0
360 NEW POWER POTENTIAL EST. (KN) (F8.0)
                                              -35049.1
370 NEW EST AVE ANN ENERGY (MkH) (F9.0)
                                           -110537.7
                                    (A48)
380 EXISTING FUT POWER FEATURES
390 DWNER
                                    (A24)
                                           WI RIVER POWER CO
400 CHNER CODE
                                    (41)
                                    (47)
                                            HCR
410 PURPOSES
                                    (SA)
                                            ŊΡ
420 STATUS
430 ACTIVE IN INVENTORY
                                                     1
                                    (I1)
440 DEPEND OR INDEPEND
                                    (A1)
                                    (A48)
450 COMMENT
460 KNOWN POTENTIAL CONSTRAINTS
                                    (A3)
                                    (AAA)
470 COMMENT
480 GENERAL COMMENTS
                                    (80A)
490 GENERAL COMMENTS
                                    (A48)
500 GENERAL COMMENTS
                                    (A48)
600 NEAREST DOWNSTREAM TOWN
                                    (85A)
                                           WISCONSIN DELLS
610 PRIMARY COUNTY NAME
                                    (A16)
                                            ADAMS
620 ADDITIONAL VALUE 1
                                  (F10.0)
                                                   ٥.
S BULLAV JANOITIONAL VALUE 2
                                  (F10,0)
640 ADDITIONAL VALUE 3 650 ADDITIONAL VALUE 4
                                                   ٥.
                                  (F10.0)
                                  (F10.0)
                                                   0.
660 ADDITIONAL VALUE 5
                                                   0.
                                  (F10.0)
```

Table 4-2 Form 1 example analysis display

147 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
8 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
126 42 42 44 44 44 44 44 44 44 44 44 44 44	
1005000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
4003.34 9487.655 72570.84 135.60 111.65 111.65 111.65 11020085.69 11050085.69 11050085.69	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
3056,66 7244.03 59879.70 0.00 134.90 11.51 11.51 652518.74 652518.74	T
2601.88 6164.98 52513.88 134.90 11.26 11.26 11.26 12.065.03 927141.99	DISTRIC L ENERGY L PLANT F (1000 (1000 \$)
R ACC A-KRACK R ACC A-KRACK CO 40 Q Q ARCCK- NUMB Q Q O M 44 4 8 8 4	E MINOTEA CAPACITY (KW) AVERAGE ANNIAL AVERAGE ANNIAL DOILARS /KW HILLA / KWH HILLA / KWH CAPACITY VALIE ENERGY VALIE ENERGY VALIE ANNIAL BENFFTT ANNIAL COST (1)
THE STATE OF THE S	PROPUSED SITE - MINOTZA ZONA9-12 CAPACITY SYSS7-71 AVFRAGE A
720-729 730-739 740-749 750-759 776-769 776-779 800-809 810-819 830-839 850-859 850-859 850-859 850-869	710 712 713 714 717 717

ARRAY OF REGULTS LIBED TO BELECT CARACITY TYPE OF ANALYSIS CHUSEN FICK-BUNETION OBJECTIVE - WAXIMIYE PET HENEFITS

HOGS GAGE NUMBER SADAGOO HOER SUPPLIED

CAPACITY (KW)

1 AVERAGE ANNIAL EMERGY (HWH)

16 AVERAGE ANNIAL PLANT FACTOR

10 DOLLAPS /KW

10 DOLLAPS /KW

10 DOLLAPS /KW

10 DOLLAPS /KW

10 CAPACITY VALUE (1000 S)

10 ANNIAL REWEFTT (1000 S)

11 ANNIAL COST (1000 S)

12 ANNIAL COST (1000 S)

DISTRICT - NCS

PROPOSED STTE - MT00724

Code Values

35049.12

entry was the result of a computer program computation or decision rather than an entry by the user. The lower array of Form 1, (Table 4-2), contains a center section which represents an array of analysis at 10 points along a flow-duration curve, representing daily flow characteristics for the site. The first list, labeled FLOW-DUR, represents flow in c.f.s. and the second line, labeled EXCEEDENCE, is the decimal fraction of time that the flow shown on the line above it is exceeded. The first section of Table 4-2 (item numbers 700 through 709) represents adopted results for the project including total capacity and energy. If the site already has an existing powerplant, the lower section of Table 4-2 (items 710 through 719) are the additional capacity, energy and economic values that are selected by the analysis procedures.

4.3 FILE STRUCTURE

The file structure is in CDC oriented machine code unlabeled format. The index of each divisional file contains the seven character ID number of each site which corresponds to item 10 of Form 1. Also item 0 "Status of File" is included in the index. The third item in the index is the address of the packed data. This provides a rapid means of locating (a) specific sites, (b) all sites of a specified analysis status and/or, (c) all sites within a specified state. For instance an analysis run was typically made on all sites which had a "status of file" of NEWR, meaning it had a new record site that had never been analyzed or had significant data entries changed and needed to be reanalyzed. The "Status of File" is automatically reset after the attempt at an analysis, to one of the following codes:

- DEFA Site not completely analyzed by requested procedure because of data errors or omissions.
- DURA Incompleted duration curve analysis because of data errors or omissions.
- DEFC Default type of analysis completed.
- DURC Duration curve type of analysis completed.
- EDIT Editing errors exist.

Two other codes in addition to NEWR can be input by the user to indicate (1) the site is to be placed in an inactive status "IACT" but retained in the data base or (2) the site and corresponding data array is to be removed from the data file "JUNK". Periodically, during merging operations, this was accomplished.

4.4 DATA INPUT AND RETRIEVAL

Initially, interfacing computer programs were written to read data from three different independent data files:

- National Inventory of Dams/
- Federal Energy Regulatory Commission Index of Hydropower Dams
- U.S. Geological Inventory of Hydropower Sites

A data editing and management program was then written to accomplish individual site specific data entry and user specified selective retrieval of all data for a given site or group of sites and various statistical counts, sums and averages. The Form 1 edit program is labeled EDITNHS. The program was written for either interactive or batch-terminal job entry but because of the inadequate number of entry ports at the LBL Computer Center and slow

terminal response, nearly all data entry and retrieval was done by "remote batch" processing. Each Division used a unique code identifier which allowed access to the appropriate Division data file. Data entry and retrieval can be done for a selected site by using its Item 10 Project ID number or by "global" search procedure, constrained by user specified constraints. Basic needs were met with 3 to 8-letter commands such as:

HELP, LIST, SELISTX, SAVE, LISTSAVE, WIPE END, MODIFY, AVERAGE AND SUM.

Constraints were by numerical groups and operator symbols such as +, -, =, \neq . As an illustration of data entry for California site CA00027 for items 20, 80, 90, and 210, a card stream, after program access, might look like this:

'BATCH'
'CA00027'
4
20,80,90,210
CAL LAKE
41 22.3
122 48.4
126.
'SAVE'
'END'

Details on other usage and specifics on global search constraints are documented in Volume XIII Part 1, "EDITNHS USERS GUIDE".

4.5 MERGING FILES

Periodically or after each division and inclusive district office made a significant number of new data entries all files were copied onto a separate archive copy of the file in case of system failures or unforeseen loss of file, so that the data base could be rebuilt with a minimum of lost data.

Also, as site duplications or sites with insignificantly small storage or streamflow were discovered and a determination made to delete the site from the file, the site status "Item Zero" was set to JUNK. A files merger utility program was developed which wrote each of the eleven files onto a "backup" tape and during the process, ommitted any record with a JUNK status. After merger onto the reserve tape, they were written back to the proper divisional tape as a "cleaned up" or "new" version. This was done every week during early phases of Stage 2 studies and progressively less frequently as files became more stable. There were several occasions when it was necessary to rebuild a Division file from the "backup" merged file.

4.6 FILES SECURITY

Several precautions were taken to avoid simultaneous data entries and analysis by more than one user, since several district offices were storing data on the same file. Some elimination of conflicts were accomplished by having each Divisions' file on separate tapes. Each Division file required a different access call name and most district computer sites had a secret password which protects their account number from being used by any unauthorized users. The primary security system to prevent simultaneous access was by "files lockout". Anytime a user had a Division file in process of "data entry", "query" or "analysis", all other users trying to access the file were put in a "wait" status until the current users job was completed. Since the largest Divisions have only 5 district offices and a high speed computer system was being used, there was seldom a significant "wait time" resulting from multiple access calls. Major delays that did occur were a result of heavy system loads from non-NHS users. As discussed in the

previous paragraph, files loss resulting from system malfunctions were avoided by periodic files merger and archiving.

4.7 ANALYSIS, ASSUMPTIONS AND COMPUTATIONAL TECHNIQUES

Three different ways of estimating the capacity and energy potential of each site were adopted.

- User analysis or results from prior studies entered directly into the file referred to as default analysis DEFA or DEFC
- Flow duration curve analysis to maximize net benefits referred to as DURA or DURC
- Sequential monthly routing of flow data and reservoir storage to meet specified trial energy demands, referred to as 5CAN or 5CCP

The sub-paragraphs which follow will briefly discuss the different assumptions and procedures. A more detailed discussion is contained in Volume XIII, Part 1, Appendix II, "Computer Program NHSF1".

Default Analysis

The default analysis is a shortened analysis procedure and was applied when field engineers were confident they knew the sites capacity and energy capability and optimum size as a result of previous detailed studies such as documented in feasibility studies recommending authorization or advanced engineering and design memoranda. In these cases the field engineer entered data item 280 as "NO" and the appropriate values into items 360, "new power potential" and item 370, "new estimate of average annual energy". The average annual plant factor was calculated from these last two items and benefit and cost routines applied to make the necessary estimates of annual

benefit, annual cost and B/C index ratio. In the case of "default analysis" the flow-duration data array, items 720-889 were not computed or stored in the file.

Flow Duration Analysis

The most common analysis procedure utilized in Stage 2 estimates was the flow-duration run-of-river type of analysis. A representative stream gage was either specified by the user at item 290 or a program subroutine was used to search and select a reasonably representative streamgage within a 4 degree latitude and 4 degree longitude quadrangle about the damsite. A selection of all gages found in the 'gage file' was based on minimizing penalty points based on distance, length of record, drainage area ratio and quality of record. Flow-duration curves based on an analysis of daily flow data for the period of record at each of approximately 16,000 stream gage stations had previously been computed and stored in an accessible file at the computer center. The appropriate table of values was read and adjusted by site to gage drainage area ratio to obtain a flow-duration array representative of the site being analyzed. Ten different points along the applicable flow-duration curves were assumed as plant design discharge. Capacity and average annual energy were computed for each assumed design discharge by using the basic power equation KW = CHQ. The net power head (H) was read from data item 250 or in the event it had not been entered, an estimate based on several other alternative assumptions were used such as a fixed percentage of height of normal storage or height of dam. A plant efficiency of 100 percent was adopted because of other gross assumptions, and to simplify adjustment to any other user preferred value at this early stage of the study.

Sequential Analysis

This last method requires more data and analysis time and since a large number of assumptions concerning reservoir storage characteristics, allocations, power load characteristic and average tailwater conditions are also necessary, it was not used in any final production runs during Stage 2. This sequential analysis procedure was deferred until Stage 3, where additional data collection was more commensurate to use with a more precise analytic procedure.

Benefit Analysis

The Federal Energy Regulatory Commission (FERC) furnished preliminary estimates of capacity and energy benefit values by regional power supply areas throughout the nation. Data item 170 was used to determine the appropriate power supply area in which the site was located. Also, the primary state (item 100) was required in the region benefit rate assumption. These regional benefit rates associated unit benefit rates for capacity and energy separately as a function of the average annual plant factor. The average annual plant factor is a gross estimate of how the plant will be operated to meet the regional load characteristics and is used to reflect what alternative type energy fuel source will be displaced if the site were put in operation. Benefit rates were based on 1978 cost levels "at-market" and private financing at a discount rate of 10 percent. More specifics on the benefit assumptions are contained in Volume XIII Part 4, "FERC Regional Power Benefit Values".

Cost Analysis

The North Pacific Division Hydroelectric Design Branch were tasked with the assignment to develop generalized powerplant costs. Preliminary curves relating cost to net head were developed with powerplant sizes of 100, 500, 700, 1000, 2000, 3000, 5,000, 7000, 10,000, 30,000, 50,000, 70,000 and 100,000 kW as the third parameter. Costs were based on a simplified powerplant comprised of a single generating unit, basic mechanical equipment and a switchyard. Cost adjustment factors were adopted for each state, with Oregon having a base value of unity. Benefits and costs were computed for each of the 10 sizes corresponding to the 10 design discharges selected from the flow-duration curve and based on the assumption of a single purpose project analysis. The annual benefit, annual cost, corresponding net benefit and B/C ratio were then calculated and an optimization technique used to select a project size which would maximize net benefits. The results of each of the ten points analyzed and the selected size were stored in the lower section of the Form 1, data array items 700-889 (refer to Table 4-2). A discount rate of 6-5/8 percent and economic life of 50 years was used at this preliminary study stage. Later this rate was revised as discussed in Chapter 5.

4.8 PROBLEMS ENCOUNTERED AND RESOLUTIONS

An undertaking of this magnitude, which required major computer program development, can be expected to meet with obstacles and incur delays. The major problems that occurred during this study were:

- Fixed tailwater assumption provided unrealistic hydropower potential for run of river projects with highly fluctuating tailwater.
- Program application was made before documentation was completed and available
- Frequent work force turnover
- Lack of formal training on procedures developed during early stages
- Incomplete or inaccurate data entries
- Unfamiliarity of use of LBL computer system by some districts
- "Dial up" connect problems of local computer terminals to the remote system

All of these problems lessened with continued experience and time. User guidance documentation and item descriptions finally became available to help new users as personnel turnover occurred. Extensive error checks and message printout was added to the programs. The Hydrologic Engineering Center (HEC) staff was available for unlimited consultation by telephone. The technical manager was in frequent coordination with Division study managers and HEC support staff. Training sessions were held at HEC and at Division Offices. Maximum use was made of job control files to preclude the need for Division and District users becoming unnecessarily familiar with system calls and files management. Most of the 'analysis run' initiation was done by HEC upon notification by a Division that they were ready for such a run to be made. Printer output of the analysis was disposed at HEC as well as at District offices so that problems or questions could be more easily discussed.

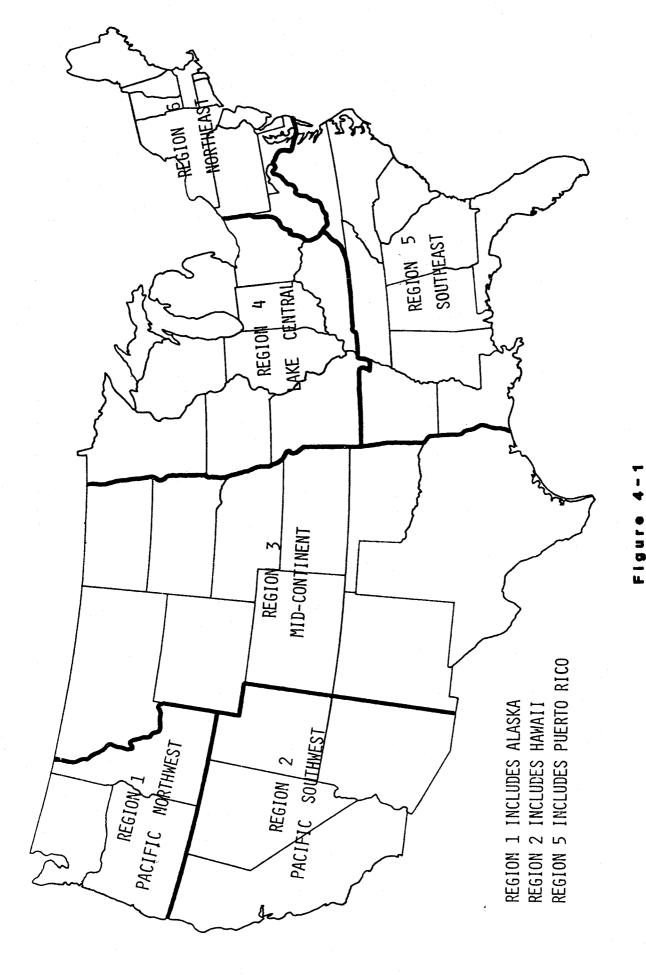
4.9 RESULTS OF FORM 1 ACTIVITY

At the conclusion of Stage 2 (Form 1 studies), a preliminary inventory of sites capable of a minimum hydroelectric capacity of 50 kW was published. It was a 6 volume report containing information on approximately 10,000 sites. Each volume contains several complete states within a geographic

region. The regions were selected to more or less equalize the size of each volume. Figure 4-1 shows those states included in each volume. Copies of "National Hydroelectric Power Resources Study, Preliminary Inventory of Hydropower Resources", U.S. Army Corps of Engineers, July 1979 are available at the National Technical Information Service (NTIS), U.S. Department of Commerce, 5285 Port Royal Road, Springfield, VA 22161. The NTIS Identification Numbers are as follows:

ADA075962 Volume I Pacific Northwest Region
ADA075963 Volume II Pacific Southwest Region
ADA075964 Volume III Mid-Continent Region
ADA075965 Volume IV Lake Central Region
ADA075966 Volume V Southeast Region
ADA075967 Volume VI Northeast Region

The preliminary report estimated the existing and potentially feasible hydroelectric power resources in the United States. Summary tables for all volumes are contained in each of the volumes. Each volume of the inventory contained a description of the methods of the study, national and regional statistics and a brief assessment of the resource potential. Appendix I of each volume contains individual state summary totals and site-specific hydraulic data, ownership, project purpose, geographic information and hydroelectric energy for all states within the volume's region. Many of the listed sites were dropped from consideration as studies continued and more detailed data collection and analysis were conducted as discussed in Chapter 5. However, for purposes of comparison, a summary of national totals at the end of Stage 2 are presented in Table 4-3. These Tables represent the physical potential and include many sites which are not economically nor environmentally feasible.



PUBLICATION INVENTORY PRELIMINARY **0** MAP INDEX REGIONAL

Table 4-3
PRELIMINARY INVENTORY OF
HYDROELECTRIC POWER RESOURCES

July 1979

**************************************	Existing	Existing	Undevelope	_
Item	Hydro Projects	Projects ²	Sites ³	Total ⁴
Small-Scale (50kW-15MW)				
Number of sites	842	4,813	2,642	7,744
Capacity (MW)	2,947	5,455	8,010	16,412
Energy (GWH)	15,048	17,267	28,843	61,158
Intermediate Scale (15-2	5MW)			
Number of sites	81	166	387	592
Capacity (MW)	1,517	3,320	7,722	12,559
Energy (GWH)	6,717	7,859	23,503	38,079
Large Scale (Greater than	n 25 MW)			
Number of sites	328	445	1,503	2,124
Capacity (MW)	59,230	85,859	338,217	483,306
Energy (GWH)	258,239	198,087	883,519	1,339,845
Total (All sizes)				
Number of sites	1,251	5,424	4,532	10,460
Capacity (MW)	63,702	94,636	353,948	512,286
Energy (GWH)	280,004	223,214	935,867	1,439,085

¹ Existing hydroelectric power facilities currently generating power.

² Existing dams and/or other water resource projects with the potential for new and/or additional hydroelectric capacity.

³ Undeveloped sites where no dam or other engineering structure presently exists.

The number of sites for existing projects include some existing hydro projects; therefore, the total number of sites is not a sum of the three column values. This varies from the 11,207 sites published in the national summaries in the preliminary inventory.

Chapter 5 FORM 2 ANALYSIS

"FORM 2 analysis" refers to all activities associated with Stages 3 and 4 of the studies. At this point in the study a new form was designed to include additional site specific data (data items increased from 67 to 689). This included physical, hydrologic, cost and benefit data items as well as data on impacts of site development on environmental, marketability and social factors. Analytic procedures were expanded to make use of the added data and an entirely new, higher level data management, edit and display computer program was written. This chapter will discuss the more important features of the Form 2 analysis and computer program development. A more complete discussion of the file structure, editor, analysis and program usage is contained in Volume XIII Part 2, "XFRM2, Computer Software Documentation".

5.1 DATA MANAGEMENT SYSTEM

A more extensive data management scheme was developed for use with the Form 2 data. Each Division was assigned two magnetic tape files. The "active" tape contains the data at sites where the Stage 2 screening judged it to have an added capacity potential in excess of 1,000 kW at a B/C index greater than 1.0 for developed sites and 0.7 for undeveloped sites. The second tape ("inactive" sites) contains all other sites which for one reason or another did not meet criteria for further consideration. Each Division was assigned their own active tape but generally, inactive tapes were comprised of two Divisions per tape. In addition to these user accessible tapes, supervisory accessible "backup" archive files were maintained for both

active and inactive sites (2 each), making a total of 21 magnetic tapes. There may be several dated versions stored on the inactive tape for each Division due to revisions in data or analysis.

Figure 5-1 illustrates the scheme utilized. Each of the "backup" tapes contain records of all divisions on the same tape. The same generation tape was written from the first generation tape and then the first generation tape was copied from the active and inactive tapes. Initially this "backup" procedure was performed weekly and then toward the end of the study period, as changes and data additions became less frequent, the backup was scheduled at 3-week intervals. This activity was performed on weekends when the least amount of file activity was occurring. Since only one user could have write access to a Divisional file, a "backup" run had to find a time when all files could be used, while "holding out" other users. A total of approximately 16,000 sites are contained in the data base. About 5,400 sites reside in the active files and 10,700 sites reside in the inactive files. About 3,000 of these sites were evaluated to have a capacity potential less than 50kW during Stage 2 screening. About 3,000 additional sites have incomplete data and were judged by the field engineers to not be worthy of the extra effort required to collect and enter the required data.

5.2 FORMAT

The format of the Form 2 also utilizes the item number reference structure and all entries are read in alphanumeric form and printed in alpha, real and integer formats as shown in parenthesis at the left of the data value (see Table 5-1). The Form 2 items were grouped into 12 different categories as follows:

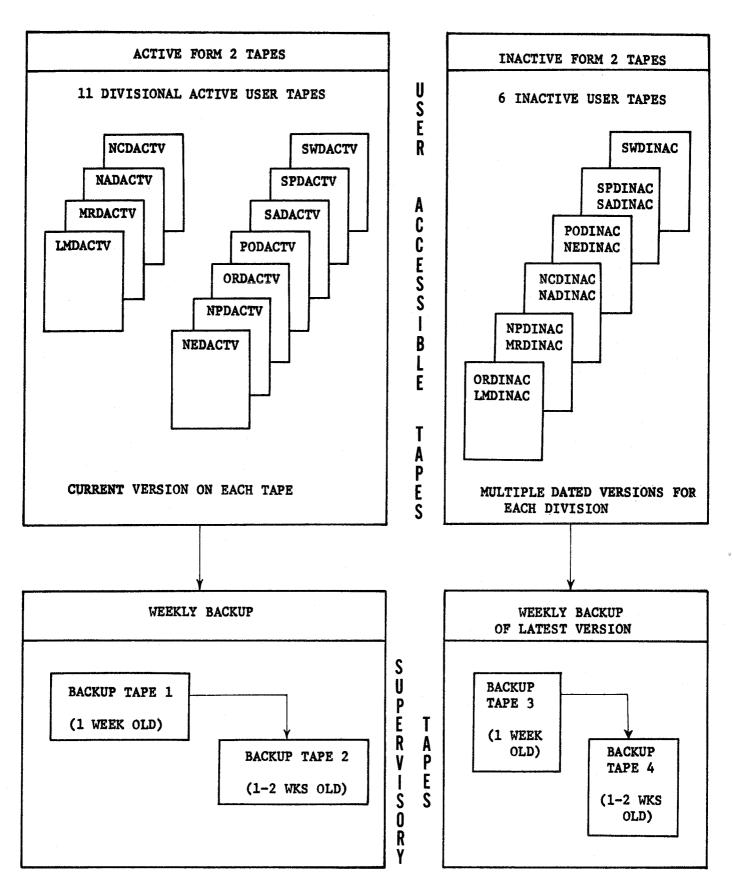


Figure 5-1
SCHEMATIC OF NATIONAL HYDROPOWER STUDY
FORM 2 TAPES

Table 5-1 FORM 2 EXAMPLE SITE LISTING

		FORM2 - FL68880001 - LOCATION AND IDENTIFICATION	DATES	02/11/81
	R2/M U 01 R2/U	PROJECT IDENTIFICATION NUMBER	(A10) (4A10)	FL68ASDOO1 MACCLENNY
	R1 R2/U M	ACTIVE IN INVENTORY 6430	(F2.0)	2.
4	R1 R2/M U	STATUS OF FILE -O	(A3) (A10)	DRC 81/02/11
5	R1 R2/M	LAST UPDATE (YR/MO/DY) -1	(A10)	07.47.11
		LAST UPDATE (TIME OF DAY) =2	(A10)	01/02/11
		INVENTORY OF DAMS IDENTIFICATION NUMBER -10	(A7)	FLU0004
8		HOLD TARE LUMBER FUREN FOR TWELDY SPLECTION) TO A A A A A A	(F12.0)	12.
	P1 R2/M	REIFCTED GAGE DRAINAGE AREA (SQ MI)	(F12.1)	700.0
11	R1 R2/U M	WFIGHTEN NET POWER MEAD (FT) "7"	(F12.1)	68.9
	C1 C2/M	- GTTE_TO_CACE DRATNAGE AREA RATIO -8	(F12.2)	1.03
	C1 C2/M	POWER STORAGE-TO-AVERAGE ANNUAL INFLOW RATIO -9	(F12.2)	.73
	C5/H	AVERAGE ANNUAL DISCHARGE PER AREA (CFS/SD.MI.)	(A10)	(13+1.0),(
15		CAPACITY SELECTION CRITERION . (WORD 1 OF 5)	(A10)	16*1.0)
36		CAPACITY SELECTION CRITERION .(WORD 3 OF 5)	(A10)	
17		CAPACITY BELECTION CRITERION . (HORD & DF 5)	(A10)	
1 A		CAPACTTV SFLECTION CRITERION _(WORD S OF 5)	(A10)	
	R2/U	OTSTOTET CEMPASTTE RANKING	(A10)	0.
21		DIVISION COMPOSITE RANKING	(A10)	0.
\$5	R2/U	STATE PROBRETTS BANKING	(A10)	٥.
53		RESERVED FOR FUTURE USE	(A10) (A3)	YES
	R2/U M	FLON-DURATION ESTIMATE DESIRED -280	(EA)	ND
	R2/U M	SEQUENTIAL ANALYSIS DESIRED	(A10)	õ,
20	R2/U R2/U	ERC ECONOMIC RANKING	(A10)	o.
24		EPC COMPOSITE RANKING	(A10)	2000.
29		RESERVED FOR FUTURE USE	(A10)	
30		RESERVED FOR FUTURE USE	(A10)	
31	D1 #2/U	NAME OF STREAM #30m	(SA10)	ST MARYS RIVER
32	81 82/U		(A3) (A3)	SAD :
	R1 R2/U	DISTRICT -50	(F12.1)	3.0
34		REGION 600	(F12.1)	7.0
35	•	BASIN =70=	(A10)	30 21.6
36 37		LONGITUDE #90-	(A10)	82 5,1
38		PRIMARY STATE #100#	(42)	FL
39		PRIMARY CRINTY m110m	(F12.1)	3.0
40	01 R2/U	PDIMADV CRIATY NAME =610+ = + + + + +	(2410)	BAKEN
41		NEAREST DOWNSTREAM TOWN -600	(3A10) (F3.0)	STOKESVILLE GA
42	• •	PRIMARY CONGRESSIONAL DISTRICT -120	(54)	GA.
43		SECONDARY STATE -130	(F4.0)	49.
44	.,	SECONDARY COUNTY MIAOF	(2A10)	CHARLTON
45		SECUNDARY CONGRESSIONAL DISTRICT #150#	(F3.0)	1.
47		FERC REGIONAL DFFICE -160	(SA)	AT
48	• •	FERC DOWER BUPPLY AREA #170#	(F3.0)	24.
49	• • •	FFRC BIVER BARIN CODE #180#	(F7.0)	c.
50	• • •	FERC STYF CODE willow a a a a a a a a a a a a a a a a a a a	(F3.0)	0.
51		FFDC STATE CODE #200#	(F3.0)	12. BERC
25		ELECTRIC RELIABILITY COUNCIL -310	(A5) (A10)	SCHL FL
53		ELECTRIC RELIABILITY COUNCIL SUB-REGION	(A10)	' '
54 55		RESERVED FOR FUTURE USE	(A10)	
77 56		RESERVED FOR FUTURE USE	(A10)	

	FORMS - FL68A8ODO1 - PHYSICAL CHARACTERISTICS	DATE	02/11/81
57 R2/U	TYPE OF DAM adaga a a a a a a a a a a a a a a a a a	(SA)	OT
58 02/U	COMMENT (DA OTHER?) , , , , , , , , , , , , , , , , , , ,	(4A10)	CONCRETE AND EARTH
59 R2/U	YEAR COMPLETED . ,	(F5.0)	0. EMBANKHENT
60 01 DS/U		(3A10)	· · · · · · · · · · · · · · · · · · ·
61 01 R2/U		(A1)	
62 M1 R2/U		(7A) (SA)	
63 N1 R2/U 64 D1 R2/U		(5A10)	10
HW DI KSYU	EXTOLING LEGITIES AND AREK ANDON	(3710)	
65 D1 R2/U	DEPENDENT OR INDEPENDENT -440+	(A1)	Ì
66 01 02/0		(SA10)	•
5. 61.6			
67- 76	SYSTEM SEGLENCE		
02/0	PROJ 67 69 71 73 75	(A7)	
USVU	48pv£ 68 70 72 74 76	(A7)	
77	RESERVED FOR FUTURE USE	(A10)	
78	RESERVED FOR FUTURE USE	(A10)	
79	RESERVED FOR FUTURE USE	(A10)	
An	ELEVATION OF TOP OF DAM (PT.MSL)	(F12.1)	155.0
A1 R2/U	HEIGHT OF DAM (FT)	(F12.1)	95.0
AS ES/U	CREST LENGTH (FT)	(F12.1)	
A3 E2/U	SITE CROSS-SECTIONAL CLASSIFICATION	(A1)	
A4 E2/U	SITE ARRANGEMENT CLASSIFICATION	(A1)	
45 E2/U	WATERWAY LENGTH (FT)	(F12.0)	0.
86 E2/U	WATERWAY DESIGN FLOW (CFS)	(F12.0)	75.0
87 82/U 88 82/U	HEIGHT TO TOP OF FLOOD CONTROL POOL (FT)	(F12.1) (F12.0)	570UOC.
89 82/8	SURFACE AREA AT TOP OF FLOOD CONTROL POOL (AC)	(F12.0)	42600.
90 52/0	MAXIMUM OUTFLOW CAPACITY AT TOP OF FLOOD CONTROL POOL (CF8)	(F12.0)	67000
91 82/0	HEIGHT TO TOP OF CONSERVATION POOL (FT)	(F12.1)	70.0
92 32/4	CUMULATIVE STORAGE AT TOP OF CONSERVATION POOL (AC FT)	(F12.0)	675000.
93 82/4	SURFACE AREA AT TOP OF CONSERVATION PODL (AC)	(F12.0)	32400.
94 52/0	MAXIMUM DUTFLOW CAPACITY AT TOP OF CONSERVATION POOL (CFS) .	(F12.0)	0.
95 52/0	HEIGHT TO BOTTOM OF POWER POOL (FT)	(F12.1)	55.0
96 82/0	CUMULATIVE STORAGE AT BOTTOM OF POWER POOL (AC FT)	(F12.0)	305000.
97 52/0	SURFACE AREA AT BOTTOM OF POWER POOL (AC)	(F12.0)	17800
98 5270	MAXIMUM DUTFLOW CAPACITY AT BOTTOM OF POWER POOL (CFS)	(F12.0)	0.
99 82/0	HEIGHT TO TOP OF INACTIVE POOL (FT)	(F12.1)	0.
100 82/0	CHAULATIVE STORAGE AT TOP OF INACTIVE POOL (AC FT)	(F12.0)	0.
101 82/0	BURFACE AREA AT TOP OF INACTIVE POOL (AC)	(F12.0)	٥.
105 85/0	HAXIMIM DUTPLOR CAPACITY AT TOP OF INACTIVE POOL (CFS)	(F12.0)	٠,٠
103 F1 R2/U	HYDRAULIC HEIGHT OF DAM (FT) =210	(F12.1)	80.0
104 P1 R2/U	MAXIMUM STCRAGE (AC FT) =220-	(F12.0)	970000.
105 F1 F2/U	NORMAL NET POMER MEAD (FT) -250	(F12.1)	69.0
106-113 F2 S2/U	DISCHARGE (CFS) VS MEIGHT (FT) RELATIONSHIP FOR TAILMATER DISCHARGE(106) D.(108) D.(110) D.(112) O.	(F8.0)	
F2 S2/U	MEIGHT (107) 0, (109) 0, (111) 0, (113) 0.	(F8.1)	
114-125	MONTHLY PLANT FACTORS	(-001)	
82/U H	JANE O. FERE O. MARE O. APRE O. MAYE O. JUNE O.	(F6.2)	
82/u M	JULE O. AUGE O. BEPE O. DCTE O. NOVE O. DECE O.	(F6.2)	
		/	
	FORM2 - FLASASCOCI - HYDROLOGIC CHARACTERISTICS	DATE	02/11/61
		• -	
126 R1 R2/II	DRAINAGE AREA (SO HI) -260	(F12.1)	720.0
127 R1 R2/U		(F12.0)	2231000.
12A 01 R2/U		(F12.1)	700.0
129-140	NET LAKE EVAPORATION (INCHES)	40.04	
82/U H	JAN(129) O. FEB(130) O. HAR(131) O. APR(132) O.	(F6.2)	
82/U P	MAY(133) O. JUN(134) O. JUL(135) O. AUG(136) O.	(F6.2)	
82/U P 141 92/U	SEP(137) 0. DCT(138) 0. NOV(139) 0. DEC(140) 0.	(F6.2)	*****
	AVERAGE ANNUAL UPSTREAM DIVERSION (CFS)	(F12.1)	
142 R2/U 143	PURPOSE OF DIVERSION	(A10) (F12.1)	********
143	DOWNSTREAM CHANNEL CAPACITY (CFS)	(A10)	~ ~ * * * * * * * * * * * * * * *
145	RESERVED FOR FUTURE USE	(A1U)	
• • •		, 4, 07	

	FORMS - FLASABOODS - OTHER PERTINENT DATA	DATE: 02/11/81
146 02/0	PRIOR STUDIES - COMMENT	(SA10)
147 R1 R2/U 148 O1 O2/U	KNOWN POTENTIAL CONSTRAINTS -460	(A3) (5A10)
149 01 02/0	GENERAL COMMENTS -480	(5A10)
150 01 02/0	GENERAL COMMENTS -490	(5A10)
151 01 02/0	SENERAL COMMENTS -500	(5A10)
152 D2/M 153 D2/U	KNOWN BIGNIFICANT ADVERSE ENVIRONMENTAL IMPACTS	(A3) (5A10)
154 02/U 155 02/U	KNOWN PROJECT PROPONENTS	(A3) (SA10)
156 D2/U 157 D2/U	KNOWN PROJECT OPPONENTS	(A3) (5A1U)
158 D2/U 159 D2/U	KNOWN OR PROJECTED COMPETITIVE USES OF WATER	(A3) (SA10)
160 02/U	MAP REFERENCE	(5410)
161 02/U 162 02/U 163 02/U 164 02/U	ADDITIONAL VALUE 1 =620=	(F12.1) 0. (F12.1) 0. (F12.1) 0. (F12.1) 0. (F12.1) 0. (F12.1) 0. (F12.1)
E2/U-E2/ E2/U-E2/ E2/U-E2/ E2/U-E2/ E2/U-E2/ E2/U-E2/ E2/U-E2/ E2/U-E2/ E2/U-E2/ E2/U-E2/ E2/U-E2/ E2/U-E2/ E2/U-E2/	FIELD MACHINE ESTIMATE ESTIMATE TOTAL FIRST COST (\$1000) (166) 30177 (182) 122387 (167) 0 (183) 30596626 (167) 0 (183) 30596626 (167) 0 (183) 30596626 (167) 175126 (168) 3309000 (164) 715126 (168) 175126 (168) 1	(F9.0) (F12.0)

	FORMS . FL68A80001 . DETAILS OF FIELD ESTIMATE	DATES	02/11/81
206 E2/UM 207 E2/UM 208 E2/UM 210 E2/UM 211 E2/UU 212 E2/UU 213 E2/UU 215 E2/UU 216 E2/UU 216 E2/UU 216 E2/UU 217 R2/UU 218 R2/UU 223 R2/UU 223 R2/UU 223 R2/UU	LANDS AND DAMAGES (\$1000) RELOCATIONS (\$1000) SPECIAL COST ITEM	(F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2)	7324.00 4476.00 5400.00 5632.00 99000.00 6618.00 38.00 689.00
226 R2/U 227 R2/U M 228 230 231 R1 R2/U M 232 R2/U M 233 R1 R2/U M 235 R2/U M 236 R2/M 237 R2/W M 239 R1 R2/U M 240 R2/U M 240 R2/U M	COST ALLOCATION ON WHICH ABOVE COSTS ARE BASED (EX. HSC5) LOCAL OR REMOTE OPERATION (TURBINE TYPE = 2ND CHARACTER) RESERVED FOR FUTURE USE RESERVED FOR FUTURE USE CONVENTIONAL CAPACITY = EXISTING (KH) = 320	(A10) (A10) (A10) (A10) (A10) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2)	0.00.00.00.00.00.00.00.00.00.00.00.00.0
242 02/U 243 R2/L M 244 R2/U M 245 R2/U M 246 R2/U M 247 R1 R2/U M 248 R2/U M 249 02/U 251 R2/U M 253 R2/U M 253 R2/U M 254 R2/U M	COMMENT TOTAL PLANT CAPACITY - NEW POTENTIAL (KW) NUMBER OF UNITS FOR ITEM 243 TOTAL PLANT CAPACITY - TOTAL (KW) NUMBER OF UNITS FOR ITEM 245 AVERAGE ANNUAL ENERGY - TOTAL (MHH) -370+ AVERAGE ANNUAL PLANT FACTOR COMMENT DEPENDABLE CAPACITY - EXISTING (KW) DEPENDABLE CAPACITY - TOTAL (KW) PUMPING ENERGY REQUIRED - EXISTING (MHH) COMMENT	(5A10) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2)	0. 0. 0. 0. 0. 0. 0. 0. 0.
255 256 257 25A 259 260	ANNUAL FIRM ENERGY - EXISTING (MHH) ANNUAL FIRM ENERGY - TOTAL (MHH) RESERVED FOR FUTURE USE RESERVED FOR FUTURE USE RESERVED FOR FUTURE USE RESERVED FOR FUTURE USE	(F12.2) (F12.2) (A10) (A10) (A10) (A10)	**************************************

	FORMS - FL68A80001 - SOURCE BY TYPE OF NEW CAPACITY AND ENERGY	DATE	02/11/81
261 D2/U 262 D2/U 263 D2/U 264 D2/U 265 D2/U 266 D2/U 267 D2/U 269 D2/U 269 D2/U 271 D2/U 271 D2/U	UPGRADING TURBINES AND SEMERATORS (KW)	(F12.0) (F12.0) (F12.0) (F12.0) (F12.0) (F12.0) (F12.0) (F12.0) (F12.0) (F12.0)	0.00.00.00.00.00.00.00.00.00.00.00.00.0
272 273 274 275	RESERVED FOR FUTURE USE	(A10) (A10) (A10) (A10)	02/11/81
	Annus a kraduzonni a bhark ovin an ubculve wrone in	97151	02/11/01
276 277 278 279 280 281 282 283	LATEST ESTIMATE OF DEPENDABLE CAPACITY PROF SEQ. ANALYSIS . LATEST ESTIMATE OF ANNUAL FIRM ENERGY FROM SEQ. ANALYSIS . DPTIMUM EXCEEDENCE FROM FLOM-DURATICN ANALYSIS DPTIMUM EXCEEDENCE FROM SEQUENTIAL ANALYSIS ITEMS 290 THRU 319 ARE BASED UPON (SEQ) OR (FLD) ANALYSIS . LATEST ESTIMATE OF AVERAGE ANNUAL ENERGY FROM SEQ. ANALYSIS AVERAGE ANNUAL SPILLAGE (CFS) FROM FLOM-DURATION ANALYSIS . AVERAGE ANNUAL AVAILABLE POMER FLOM (CFS)	(F12.0) (F12.4) (F12.4) (F12.2) (F12.2) (F12.2)	0. 0. 757.60
284 285	AVERAGE ANNUAL ENERGY ADJUSTMENT FACTOR .(0.0 TO 2.0) LATEST ESTIMATE OF POWER MEAD FROM SEG. ANALYSIS	(F12.2) (F12.2)	0. 0.
2A6	LATEST ESTIMATE OF AVERAGE ANNUAL SPILL FROM SEG. ANALYSIS .	(F12.2) (F12.2)	*******
267 288	AVE. ANNUAL ENERGY FOR EXISTING CAPACITY (FLOW-DURATION) RESERVED FOR FUTURE USE	(F12.2)	*****
289	RESERVED FOR FUTURE USE	(F12.2)	٥.
290	CAPACITY (KH)	(F12.2)	8970.39 22567.05
29 1 29 2	AVERAGE ANNUAL ENERGY (MWH)	(F12.2)	.29
293 294	DEPENDABLE CAPACITY BENEFIT (S/Kheyr)	(F12.2)	40.81 36.89
295	ANNUAL CAPACITY BENEFIT (8/YR)	(F12.2)	187970.33
296 297	ANNUAL ENERGY BENEFIT (S/YR)	(F12.2)	832542.12 1020512.45
A P S	TOTAL ANNUAL COST (S/YR)	(F12.2)	5367577,82
544	B/C RATIO	(F12.2)	.19
300	CAPACTTY (KH)	(F12.2)	٥.
301	AVERAGE ANNUAL ENERGY (MHM) , , , , , , , , , , , , , , , , , , ,	(F12.2)	0.
303	DEPENDABLE CAPACITY BENEFIT (S/KH-YR)	(F12.2)	0.
304 305	AVERAGE ANNUAL ENERGY BENEFIT (S/MWH-YR) , , ,	(F12.2)	0.
306	ANNUAL CAPACITY BENEFIT (S/YR)	(F12.2)	0.
307	TOTAL ANNUAL BENEFIT (S/YR)	(F12.2)	٥.
308 309	TOTAL ANNUAL COST (S/YR) ,	(F12.2)	0. 0.
	INCREMENTAL CAPACITY RESULTS710 THRU 719-		
310 311	CAPACITY (KK)	(F12.2)	8970.39 22567.05
312	ANNIAL DIANT FACTOR	(F12.2)	.29
313	DEPENDABLE CAPACITY BENEFIT (S/KH-YR)	(F12.2)	40.81 36.89
314 315	AVERAGE ANNUAL ENERGY BENEFIT (S/MMH-YP)	(F12.2)	187970.33
316	ANNUAL ENERGY BENEFIT (8/YR)	(F12.2)	832542.12
317 318	TOTAL ANNUAL BENEFIT (S/YR)	(F12.2)	1020512.45 5367577.82
319	B/C RATIO	(F12.2)	.19

320-439	MACHINE RESULTS FROM FLOH-DURATION ANALYSIS		
440-505	HACHINE RESULTS FROM SEQUENTIAL FLOW ANALYSIS	(F12.0)	1.
506	NUMBER OF UNITS	(F12.0)	0.
507	SIZE OF UNITS (KH)	(5A10)	•
508	TYPE OF UNITS	(3710)	
509-569	MACHINE RESULTS FROM SEQUENTIAL FLOW ANALYSIS		
	FORM2 - FL68ASCOOM - ENVIRONMENTAL IMPACTS	DATE: (02/11/81
		(F12.2)	0.
570	NATIONAL/STATE PARK/LANDS ADVERSELY IMPACTED (AC)	(F12.2)	0.
57 i	HATIUNAL/STATE PARK/LANDS ENHANCED (AC)	(5A10)	IMPACTS OR ENHANCEMENTS
572	COMMENT	·	NEGLIGIBLE
573	NATIONAL/STATE WILD AND SCENIC RIVERS DEGRADED (MI)	(F12.2)	٥.
574	NATIONAL/STATE WILD AND SCENIC RIVERS ENHANCED (MI)	(F12.2)	0.
575	COMMENT	(5A10)	IMPACTS OR ENHANCEMENTS NEGLIGIBLE
	POTENTIAL WILD AND SCENIC RIVERS DEGRADED (MI)	(F12.2)	3.00
576 577	POTENTIAL HILD AND SCENIC RIVERS ENHANCED (MI)	(F12.2)	0.
578	COMMENT	(5A10)	ST MARYS RIVER IS CATEGORY B
	The state of the s	(F12.2)	0.
579	RECREATION LAKES/RESERVOIRS ADVERSELY IMPACTED (AC)	(615.5)	3.00
580	RECREATION LAKES/RESERVOIRS ENHANCED (AC)	(5A10)	CREATS LARGE REV WHERE
581	COMMENT		NONE PRESENT AREA
582	HILDERNESS, PRIMITIVE AND/OR NATURAL, ADVERSELY IMPACTED (AC)	(F12.2)	0.
583	WILDERNESS PRIMITIVE AND/OR NATURAL, ENHANCED (AC)	(F12.2)	0.
584	COMMENT	(5410)	IMPACTS OR ENHANCEMENTS NEGLIGIBLE
	ESTUARINE AND WETLAND AREAS ADVERSELY IMPACTED (AC)	(F12.2)	3.00
545	ESTUARINE AND METLAND AREAS ENHANCED (AC)	(F12.2)	0.
586 587	COMMENT	(5A10)	EXTENSIVE FRESHATER SWAMPS
ren	CULTURAL RESOURCE SITES ADVERSELY IMPACTED (NUMBER)	(F12.2)	0.
588 589	CULTURAL RESOURCE SITES PRESERVED (NUMBER)	(F12.2)	٥.
590	COMMENT	(5410)	IMPACTS OR ENHANCEMENTS NEGLIGIBLE
	THE PROPERTY OF THE PROPERTY O	(F12.2)	3.00
591	CRITICAL/IMPORTANT WILDLIFE HABITAT ADVERSELY IMPACTED (AC)	(F12.2)	0.
592	CRITICAL/IMPORTANT WILDLIFE HABITAT ENHANCED (AC)	(5A10)	MAJOR IMPACT
593	COMMENT	•	
594	FISHERY HABITAT ADVERSELY IMPACTED (AC)	(F12.2)	5.00
595	FISHEDY HARTTAT ENHANCED (AC)	(F12.2)	2.00
596	CONHENT	(5A10)	BLACKWATER STREAM FISHERY REPLACED LAKE FISHERY
597	FISHERY HABITAT ADVERSELY IMPACTED (STREAM MILE)	(F12.2)	2.00
598	FISHEDY HARITAT ENHANCED (STREAM MILE)	(F12.2)	2.00
599	COMMENT	(5A10)	SEE ITEM 596
	THE	(F12.2)	2.00
600	ENDANGERED SPECIES ADVERSELY IMPACTED (NUMBER)	(F12.2)	0.
601	ENDANGERED SPECIES ENHANCED (number)	(5A10)	MODERATE IMPACT
605	COMMENT	•	
603	WATER QUALITY ADVERSELY IMPACTED	(A3)	YES
6.04	WATER OPARTTY ENHANCED	(A3)	NO HODEOLTE BOTENTIAL THEATT
605	COMMENT	(SA10)	MODERATE POTENTIAL IMPACT
606	DTHER ADVERSE IMPACTS	(A3)	ND ND
607	OTHER FINANCEMENTS	(A3)	NO NDTExceneglleminor,
608	CONHENT	(5A10)	Zemod., 3emajor
609	DELETE FROM ACTIVE INVENTORY	(A3)	ND
610	COMMENT	(GA10)	
910	AMINIMAL A A A A A A A A A A A A A A A A A A		

611 612 613 614 615 616 617 618	RESERVED FOR FUTURE USE	(A10) (A10) (A10) (A10) (A10) (A10) (A10) (A10)	
	Care a recognition of the series	DAIE	02/11/81
620 621 622 623 624 625 626	PERSONS RELOCATED (NUMBER) TOWNS RELOCATED (NUMBER) BUSINESSES RELOCATED (NUMBER) HIGHHAYS AND RAILROADS RELOCATED (HI) HIGHHAY AND RAILROAD BRIDGES RELOCATED (NUMBER) NAVIGATION ADVERSELY IMPACTED (HI) COMMENT	(F12.2) (F12.2) (F12.2) (F12.2) (F12.2) (F12.2)	4.15 35.00 150.00 16.00
627 628	NAVIGATION ENHANCED (HI)	(F12.2)	٥.
	entucki	(5A1Q)	
630 639	FARM LAND INUNDATED (AC)	(F12.2) (5A10)	32000.00
631 632	DELETE FROM ACTIVE INVENTORY	(A3) (5A10)	NO
633	RESERVED FOR FUTURE USE	(A10)	
634 635	RESERVED FOR FUTURE USE	(A10)	
636	RESERVED FOR FUTURE USE	(A10) (A10)	
637	RESERVED FOR FUTURE USE	(410)	
638 639	RESERVED FOR FUTURE USE	(A10)	
	RESERVED FOR FUTURE USE	(A10)	
	FORM2 - FL6SASOGO1 - PROJECT ACCEPTABILITY	DATE	02/11/81
640	POLITICAL FACTORS SUPPORTING AUTHORIZATION	(A3)	YES
641 642	PULITICAL FACTORS OPPOSING AUTHORIZATION	(A3)	
	COMMENT	(5A10)	AREA CONGRESSIONALS, NASSAU CO PZ DEPT
643 644	OTHER FEDERAL AND STATE AGENCY OPPOSITION	(43)	YES
D → 12	COMMENT	(5410)	HERITAGE CONSV, FWS
645	LOCAL PUBLIC SUPPORT	(A3)	YES
645 647	- WOUNE PUBLIC OPPOSITION - A A A A A A A A A A A A A A A A A A	(43)	
D 4 /	COMHENT	(5A10)	CITIZEN
648	ENVIRONHENTAL GROUP SUPPORT	(A3)	
649	ENVIRONMENTAL GROUP OPPOSITION	(43)	YES
650	COMMENT	(5410)	GA CONSERVANCY
651	OTHER SOCIAL GROUP SUPPORT	(43)	
658	UTHER SOCIAL GROUP OPPOSITION	(84)	
653	COMMENT	(5A10)	
654	UTILITY INTEREST GROUP SUPPORT	(EA)	
655 656	UTILITY INTEREST GROUP OPPOSITION	(A3) (5A10)	

657	GENERAL COMMENT	(5A10)
		(A3)
658	DELETE FROM ACTIVE INVENTORY	(SÃĨOĴ
659	COMMENT	(3710)
660	RESERVED FOR FUTURE USE	(A10)
661	RESERVED FOR FUTURE USE	(A10)
662	RESERVED FOR FUTURE USE	(A10)
663	RESERVED FOR FUTURE USE	(A10)
664	RESERVED FOR FUTURE USE	(A10)
665	RESERVED FOR FUTURE USE	(A10)
666	RESERVED FOR FUTURE USE	(A10)
667	RESERVED FOR FUTURE USE	(A10)
-	RESERVED FOR FUTURE USE	(A10)
665	RESERVED FOR FUTURE USE	(A10)
669	RESERVED FOR FUTURE DOE	• • •
	FORM2 - FL68A80001 - MARKETABILITY	DATE: 02/11/81
670	AVERAGE ANNUAL POWER REPAYMENT REGUIRED (\$1000)	(F12.2) 0.
671	PERAVMENT RATE PERILIPED (\$/KW=YR)	(F12.2) 0.
672	REPAYMENT RATE REQUIRED (S/MWH)	(F12.2) 0.
673	DEPENDABLE CAPACITY VALUE (S/KH=YR)	(F12.2) =40.81
674	INTERRUPTIBLE CAPACITY VALUE (S/KH-YR)	(F12.2) -20.40
675	FIRM ENERGY VALUE (S/MHH)	(F12.2) ********
676	SECONDARY ENERGY VALUE (S/MWH)	(F12.2) *********
677	GENERAL COMMENT	(5A10)
678	GENERAL COMMENT	(A10)
679	DELETE FROM ACTIVE INVENTORY	(A10)
680	COMMENT ON DELETION FROM ACTIVE INVENTORY	(A10)
681	COMMENT ON DELETION FROM ACTIVE INVENTORY	(A10)
682	COMMENT ON DELETION FROM ACTIVE INVENTORY	(A10)
683	COMMENT ON DELETION FROM ACTIVE INVENTORY	(A10)
684	COMMENT ON DELETION FROM ACTIVE INVENTORY	(A10)
685	COMMENT ON DELETION FROM ACTIVE INVENTORY	(A10)
	COMMENT ON DELETION FROM ACTIVE INVENTORY	(A10)
686	COMMENT ON DELETION FROM ACTIVE INVENTORY	(A10)
687	COMMENT ON DELETION FROM ACTIVE INVENTORY	(A10)
688		0055 (014)
689	SCREENING INDICATOR BASED ON ITEMS 679,658,631,609	(200)

- Location and Identification
- Physical Characteristics
- Hydrologic Characteristics
- Other Pertinent Data
- Financial Data Summary
- Details of Field Estimate
- Source by Type of New Capacity and Energy
- Power Data Machine Results
- Environmental Impacts
- Social Impacts
- Project Acceptability
- Marketability

There are 689 data items requiring 889 words of storage per site. Each word has the capability of storing ten characters. If this program were compiled on a system other than CDC, additional word space would be required. Not all of the word space has been assigned, to allow for inclusion of additional data types not originally thought essential. Also, very few if any sites contain data entries for all assigned data items. Much of the assigned space was unnecessary for an adequate determination of project acceptability. Table 5-1 lists the Form 2 for a typical project. The alphanumeric key shown between the item number and description was initially used to indicate whether the user needed to enter the data.

R = required

0 = optional

1 = during Form 1 Studies

2 = during Form 2 Studies

M = machine, automatic input

U = user input

Example R1 R2/M U infers that item 8 was required in Form 1 and Form 2 studies and the XFRM2 computer program (machine) would normally transfer this data from the Form 1 tape to item 8 of Form 2 but that as a second choice the user could enter it or change it. These keys were not utilized for long, as error messages were relied on to tell a user where data deficiencies remained or what assumptions were used by the program during an analysis. The notations in parenthesis indicate the print format (FORTRAN designation) of the data item. F (floating point) numbers are right justified in the printout while the A (alphanumeric) characters are left justified in the print field. Detailed descriptions of each data item are contained in Volume XIII Part 3, "Form 2, Data Item Description".

5.3 FILE STRUCTURE

Each Division file contains a series of indexes and site information records. The indexes allow the system to access the site information records in a direct or random access mode. A "master index" (See Figure 5-2) for each Division contains the location of the "sub-indexes" for each combination of State-Corps District within the Division. Each sub-index contains six words for each site within the State-Corps District combination. The first of these six words is the site ID number and the 6th word is the address of the start of the entire Form 2 data for that particular site. The other

4 words contain pertinent data (see list below) about the site. This data may be used as a constraint in searching for a particular group of sites such as all sites in Texas with existing hydropower and an estimated added increment of capacity potential between 100kW and 25,000kW. The constraints would be tested in the sub-index before going to the storage segment of the file where the entire Form 2 data is stored. The sub-index contains the following data which provides for efficiency in search time.

- State where located
- Project type
- Corps of Engineers District and Division
- 4 digit code serial number unique within a District
- Status of file
- Data of last analysis action
- Date of last data modification action
- Region code
- Basin Code
- Primary Congressional District
- Owner code
- Total potential capacity group (36 ranges)
- Existing capacity group
- Total potential B/C ratio
- Existing B/C ratio
- FERC power supply area
- Activity flag
- FERC site code
- FERC river basin code

Figure 5-2 diagrams the file structure and more specific detail is contained in Volume XIII Part 2, "XFRM2, Computer Software Documentation", paragraph 2.1 and Appendix B.

5.4 DATA INPUT AND RETRIEVAL

Basic data common to both the Form 1 and Form 2 were transferred from Form 1 to Form 2 by use of a special computer routine. Additional data required for the improved capacity and energy estimates were input by remote batch terminals located at each District Office. A combination editor and analysis program, XFRM2, consisting of a main program and numerous subroutines was developed by the Hydrologic Engineering Center to provide data input-retrieval, editing, tabular displays, count, sum, list and different methods of project analysis. Data words can be masked to use only parts of the stored word. Temporary data changes can be made to a site's data, an analysis executed and results printed without permanently affecting the file. Tabular displays can be easily designed in a flexible manner and any number of Divisional files searched on user specified constraints and then merged, sorted and displayed by an hierarchical sort criteria such as by state, county, project name, size, etc. Mathematical expressions between data items or between real numbers and data can be applied before entering the modified data back into the file or displaying it in a tabular printed form. A data item for a site or group of sites can be computed as a function of any other data item or combination of data items. Tables 5-2 and 5-3contain a list of single site and global commands. More details are contained in Volume XIII Part 2, Section 4.3. The table of sites from the active files of all Divisions included as Appendix C to this volume was generated by means of the TAB command.

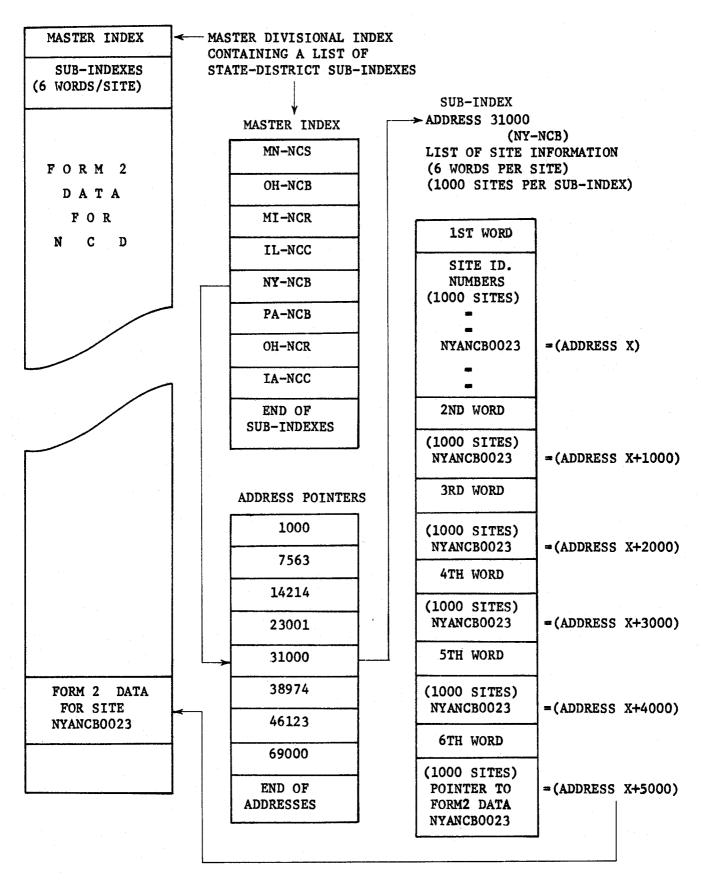


Figure 5-2
SCHEMATIC OF MASTER DIVISIONAL
INDEX AND SUB-INDEXES

Table 5-2 AVAILABLE "SINGLE SITE" COMMANDS

COMMAND	CODE	COMMAND FUNCTION
CRT		CREATE a Form 2 site
DCT		DEACTIVATE a Form 2 site
DLT		DELETE a Form 2 site
END		Job TERMINATION command
FDN		Power potential analysis using new FLOW-DURATION
FDO		Power potential analysis using previous FLOW-DURATION
FDP		Request printout of LATEST FLOW-DURATION analysis
LST		LIST items for a Form 2 site
MOD		MODIFY items for a Form 2 site
RET		RETRIEVE a Form 2 site
SEP		Request printout of LATEST SEQUENTIAL analysis
SEQ		Power potential analysis using SEQUENTIAL ROUTING techniques for CRITICAL PERIOD OF DRAWDOWN
SER		Power potential analysis using SEQUENTIAL ROUTING techniques for PERIOD-OF-RECORD
SRR		Power potential analysis using SEQUENTIAL RUN-OF-RIVER technique

Table 5-3 Available Global Search" Command\$

COMMAND CODE	COMMAND FUNCTION
AVE	AVERAGE items from a group of Form 2 sites
CNT	COUNT the number of sites meeting specified conditions
CUM	Plot a CUMULATIVE DISTRIBUTION from a group of Form 2 site items
DCT	DEACTIVATE a group of Form 2 sites
END	Job TERMINATION command
FDN	Power potential analysis for a group of sites by using new FLOW-DURATION data
FDO	Power potential analysis for a group of sites by using previous FLOW-DURATION data
FDP	Request printout of LATEST FLOW-DURATION analysis for a group of sites.
HIS	Plot a HISTOGRAM from a group of Form 2 site items
INV	Generate an INVENTORY of a divisional/district file
LST	LIST items from a group of Form 2 sites
MOD	MODIFY items in a group of Form 2 sites
RET	RETRIEVE a group of Form 2 sites
SEP	Request printout of LATEST SEQUENTIAL analysis for a group of Form 2 sites
SEQ	Power potential analysis for a group of sites using SEQUENTIAL ROUTING technique for CRITICAL PERIOD-OF-DRAWDOWN
SER	Power potential analysis for a group of sites using SEQUENTIAL ROUTING technique for PERIOD-OF-RECORD
SRR	Power potential analysis for a group of sites using SEQUENTIAL RUN-OF-RIVER technique
SUM	TOTAL items from a group of Form 2 sites
TAB	Develop a TABLE of items from a group of Form 2 sites

5.5 DATA COLLECTION

Personnel in each Corps of Engineers District who were assigned to the study used many sources to obtain the physical and hydrologic data required for detailed analytic procedures. The availability of data and level of detail was diverse for each site. Data for existing structures were usually available in state registers of dams, "as-built" drawings or project reports. Some projects were so old that reports and drawings were no longer available. Many contacts with project owners and some site visits were required. Most of the details required for cost estimates and power estimates at undeveloped sites came from "basin wide" and project feasibility reports. Topographic mapping with scales of 1 inch = 2,000 feet and 1 inch = 1 mile were commonly used to estimate crest lengths, valley shapes, and drainage areas. Reference stream gages were reviewed and accepted or replaced in the data file early in Stage 3 data collection. Some of the major additions to the data file for undeveloped sites over that contained in Form 1 were:

Physical Characteristics

- Valley cross section shape
- Site type
- Waterway length and design discharge
- Elevation, area and storage data at 6 levels of allocation
- Tailwater rating
- Monthly evaporation data
- Monthly load pattern

Environmental Impacts (adverse or enhance)

- Park Areas impacted
- Wild and Scenic river reaches
- Primitive areas impacted
- Cultured areas, fishery habitat, endangered species affected
- Water quality

Social Impacts

Project Acceptability

Marketability

After this additional physical data was collected and added to the District's file, one of the several analytic procedures was applied and the first screening, based on net benefits, was used to sort out those projects considered worthy of continued data collection on environmental and other aspects.

5.6 TYPES OF PROJECTS

One of the significant bits of data affecting the analytic procedure applied to a site was the project type. Each project was classified in data item 84 as one of 36 categories of project type. Table 5-4 displays the possible categories. Cost routines were designed to handle various types of projects encountered in this study, such as existing, undeveloped, run-of-river, storage, reservoir, or diversion.

Table 5-4
DESCRIPTION OF PROJECT TYPE
(ITEM 84)

STATUS OF			TYPE OF OF	ERATION		
WATERWAY STRUCTURE	RUN OF RIVER	DIVERSION	RESERVOIR	RES. WITH DIVERSION	IRRIGATION CANAL	OTHER
EXISTING	A	В	C	D	E	. F
EXISTING WITH POWER	G	н	.1	J	K	L
EXISTING WITH RETIRED POWER PLANT	M	N	0	P	Q	R
BREACHED	S	T	U	v	W	X
BREACHED WITH RETIRED POWER PLANT	Y ,	Z	0	1	2	3
UNDEVELOPED	4	5	6	7	8	. 9

5.7 ANALYSIS ASSUMPTIONS AND TECHNIQUES

The analysis procedures for Form 2 were significantly modified over those used during Form 1 to estimate capacity, energy and cost. There are five basic ways to perform the capacity and energy analysis via XFRM2.

Flow Duration Analysis

This procedure (FDN) uses an estimated flow-duration curve by selecting a representative stream gage (if the user has not designated one). representative gaged flow is adjusted by drainage area ratio. Trial design discharges are selected at flows exceeded 1, 5, 10, 20, 40, 60, 80, 90, 95 and 99 percent of time. A capacity associated with each of these design discharges is computed and the cost and benefits of each is calculated. Curves are fitted through the capacity-benefits points and the capacity-costs points. Next the program searches the range of these two curves to find the capacity at which "net" benefits are a maximum. This optimization function can be altered by the user specifying optimization on some other variable or combination of variables. Typically this might be maximizing the B/C ratio, minimizing unit energy cost or maximizing energy production. A variation of this procedure can be activated by an "FDO" command if the site has previously been analyzed and a gage selection and adjusted flow-duration curve already stored in the data base, thus avoiding unnecessary computer time to search for gage data. Dependable capacity is assumed as the capacity which is available 85 percent of the time, but not exceeding the assumed design capacity. Firm energy is assumed as the average annual energy associated with the dependable capacity. These are somewhat arbitrary, but

reasonable assumptions for truly run-of-river projects. Another variation of this procedure can be invoked by the user selecting the capacity, energy and dependable capacity. Thus, the cost and benefit routines can be circumvented from making a selection based on optimization of some other parameter.

This flow duration method is particularly applicable to a run-of-river type project when no significant amount of storage exists to store surplus flow during wet periods to be released during flow deficient periods. A tailwater rating curve is particularly important in low-head sites because if high flows cause the tailwater stage to rise faster than the headwater stage, a flow will be reached which causes the "net head" to fall below the turbines capability to operate smoothly and forces it to be shutdown. A uniform plant efficiency of 0.86 was adopted in the power equation.

Sequential Monthly Flow Analysis

For sites with significant storage that can be allocated to hydropower, a month by month storage, inflow-outflow routing was used to develop a more realistic estimate of dependable capacity. The same procedures were used to select a representative stream gage from the file of some 16,000 possible gages as is used in the flow-duration procedure. The monthly flow for the period-of-record for that gage was factored up or down by the drainage area ratio. The physical data and hydrologic data section of the site's Form 2 file was searched to obtain data required for establishing reservoir storage-area-elevation-discharge-tailwater rating and reference levels used in the sequential simulation model (HEC-5). Many data checks were required and default assumptions were printed to alert the user to assumptions made in

the absence of user specified preferences. The SER command caused the sequential model to search for the critical drawdown period and plant capacity which would empty the designated power storage allocation one time during the period of streamflow record. This was an interative process of trial and adjustment. Usually no more than two cycles of critical period and subsequent period-of-record analysis were required to come within the specified limits (5%) of utilizing all of the available storage. Firm annual energy was adjusted to an annual basis by use of the load pattern and critical drawdown period. "Dependable Capacity" was set at the installed capacity which fully utilized available storage during the critical drawdown period. Average annual energy was computed and printed as a comparison with the average annual energy determined from the flow-duration procedure. The program only used the dependable capacity and the corresponding firm annual energy from the sequential analysis. The average annual energy was developed for the ten project sizes using the flow duration procedures. Since a higher value was credited to dependable capacity and firm energy using the sequential analysis - a larger plant could usually be economically justified. The power storage/mean annual flow index of 0.1 was recommended as an indication that a sequential analysis should be performed. This equates to a power storage equal to about 5 weeks of normal flow. Any smaller index value will likely cause optimization problems in the sequential model determination of dependable capacity based on monthly averages. Evaporation data were taken into account in the sequential analysis. Also, any specified diversions above the project or losses through fish ladders or navigation were deducted.

The other two procedures which perform a monthly sequential type routing differ from that described above in the following manner.

SEQ does a sequential analysis on an estimate of the critical drawdown period only. The critical period is estimated by an empirical equation which was developed through regression analysis based on numerous sequential routings of different projects. This linear equation estimates the length of the critical period based on an estimate of the available power storage at the site; where the storage is expressed in terms of annual power storage-to-mean annual flow (70 x ps/MAF). A test run on about 170 projects in different regions of the country were utilized in developing this equation. Storage is expressed in units of equivalent annual mean flow. As with the SER procedure, the SEQ procedure is only used to estimate "dependable capacity" and "firm annual energy".

SRR is the third procedure which can be employed and it is primarily applicable for run-of-river type projects where a specified capacity is used to route sequentially one-time through the period-of-record to determine the average annual energy that can be generated. Usually this is desirable where the installed capacity is significantly larger than "dependable capacity" and a large amount of secondary energy can be generated during periods of high flow. This option provides the only way for the economic routines to use the average annual energy determined from sequential routings instead of from flow-duration analysis. More discussion on error messages and procedures are documented in Volume XIII part 2, "XFRM2" Section 5.4.

Cost Procedures

Both the flow-duration and sequential routing procedures used the same cost estimating routines. The costing procedures were developed by the Hydroelectric Design Branch of the North Pacific Division and personnel of the Portland District, Corps of Engineers. Complete documentation of these procedures are contained in Volume XIII Part 4, "Cost Estimating Manual",

revised July 1980. Basic data to develop the various cost curves were obtained from numerous sources: Corps Districts, Water and Power Resources Service, Soil Conservation Service, Federal Energy Regulatory Commission and Tennessee Valley Authority. Cost information was based on data obtained on approximately 100 projects, either in final design stage, presently under construction, or recently completed.

Procedures contained in the cost estimating manual were programmed as a subroutine in the XFRM2 computer program. The procedures provide a reasonable reconnaissance level cost estimation for single purpose projects based on either additions to existing dams or total costs at undeveloped sites. In the case of existing dams, costs include powerplant, intake and outlet works and any special costs input by the user. Undeveloped sites include costs of embankment, spillway, waterway (canal, etc.), reservoir clearing and land acquisition. Powerplant costs include required excavation costs, intake and trashracks, bulkheads and gates, draft tube trashrack and guides, turbine, generator, cooling system, electrical switchgear, breakers, buses, station service unit, control system, auxiliary systems and equipment, including tailrace gantry cranes, powerhouse bridge crane and switchyard. For the small sites (less than 10 MW and 100 feet of head) no costs were included for gantry and bridge cranes and switchyard. Costs for fish facilities, relocations, clearing and purchase of lands and final landscaping can be supplied on a specific project. Adjustment factors were applied to construction costs and land costs for geographic location (based on State); also for the number of units in the powerplant. Engineering and overhead were added at a variable rate based on total project construction costs and ranged from 9% at \$150 million to a maximum of 17.5%. Interest during

construction was based on an estimated period of construction of 2 years for adding a powerplant to an existing dam to 6 years for a large (greater than 250 feet height of dam) hydro and dam project. An assumed uniform annual construction cost and 6-7/8 percent interest rate and 100-year economic life were adopted. Annual operation and maintenance costs were related to installed capacity and whether the project was perceived to be operated locally or remotely. A 10 MW locally operated plant's annual 06M charge was estimated at about \$150,000 and a 1,000 MW locally operated plant was charged about \$2,500,000. Spillway costs were estimated as a function of average annual flow. All costs were based on July 1978 price levels for both Form 1 and Form 2 analysis.

Benefits

Power benefits used in the NHS analysis were obtained from the Office of Electric Power Regulation, Federal Energy Regulatory Commission. Regional offices of that agency prepared the area-specific values. Several editions of these benefit values were received during the various study stages. Preliminary generalized power values were received in June 1978 for use in the Stage 2 analysis (using Form 1 data). These values were based on regional alternative fuel costs for the 32 different Electrical Reliability Council regions and sub-regions throughout the nation. They were based on January 1978 price levels and considered to be applied "at-market". Assumptions included private financing at 10 percent cost of money, characteristics and costs (including fuel costs) of thermal alternatives, suggested "mix" of base-load alternatives and estimated pumping energy cost. Steam-electric base-load alternatives reflect the added cost of environmental

control facilities. Benefits were given for both the capacity (\$/kW-YR) and energy (mills/kWh) components of the projects. The annual capacity factor (equated to plant factor in this study) was used as an indicator of the most probable alternative fuel source. Plants having annual capacity factors of 0-20 percent were based on combustion turbine alternatives; those with plant factors of 30-40 percent were based on combined cycles alternatives; those with plant factors of 50-100 percent were based on either coal fired or nuclear alternatives. For those locations where coal fired or nuclear alternatives were indicated, the coal fired alternative was always used. Although FERC provided equivalent values whereby all benefits could be assigned by either capacity or energy, the study managers decided to treat the two benefits separate. Also, an assumption was made to credit non-dependable capacity at 1/2 the value of dependable and non-firm energy at the full value of firm. During Stage 2 evaluations, where dependable capacity was assumed at a capacity associated with the 85% of time-exceeded flow, benefits were generally undervalued for storage type projects. However, some compensation resulted from the assumption of 100% plant efficiency.

During Stage 3 analysis, the FERC provided study managers with an updated set of values based on two separate computations (1) based on private financing and 11-1/2 percent cost of money and (2) federal financing and 7-1/8 percent cost of money. Both were adjusted to July 1979 price levels. Based on a review of the options of adjusting cost routines and benefits to a higher cost of financing and 1981 projected price levels (date of report publication) and the many generalized techniques and assumptions used throughout the reconnaissance level studies, it was concluded to maintain the

preliminary values of capacity and energy during all stages of the study and leave the costs at July 1978 price levels. Tables 5-5 and 5-6 display the adopted values associated with the computed average annual plant factor for the different regions shown in Figure 5-3. It is recognized that use of the overall average annual plant factor (more properly a plant use factor) rather than the plant factor based on dependable capacity and firm annual energy is another in a long line of simplifying assumptions to obtain a relative evaluation of a large number of projects distributed throughout the U.S. Future studies of site specific project feasibility must become more site specific in both cost and benefit analysis as well as storage and cost allocation aspects. Volume XIII Part 5, contains regional data and assumptions leading to the adopted preliminary values developed by FERC.

Analytic Techniques and Display

Each project analyzed went through the cost evaluation routines of XFRM2. If a project had an existing powerplant, the cost display was for the incremental cost of adding units to the project and cost curve lookup for powerplant costs was based on the equivalent cost of a new powerplant equal in size to the added increment. No additional cost was included for project costs already incurred. The array of different powerplant sizes considered (10 sizes) in an analysis represent costs for the added increment in those cases. For undeveloped projects, the analysis included costs and benefits for all aspects of a single-purpose hydropower project. Table 5-7 shows a typical analysis display for an undeveloped storage type project. The analysis and output are different for other project types. The three basic project types are:

(FERC, 1978) CAPACITY REGIONAL

						Capacity	Benefit	Capacity Benefit as Function of APF (\$/KW)	on of APF	(\$/KM)		
		APF:	0	0.10	0.20	0.30	0.40	0.50		0.60 0.70	0.80	0.90
					!							
			25.1	25.5	25.9	40.9	31.0	120.1	121.8	179.0	184.3	189.6
s:	(S. COMP)		30.1	21.2	12.3	45.0	43.1	109.5	111.8	170.7	175.5	180.4
			31.9	32.8	32.8	66.1	66.1	135.2	135.2	135.2	135.2	135.2
			37.2	33.2	33.2	67.1	67.1	134.9	134.9	134.9	134.9	134.9
	•		36.9	31.5	31.5	63.5	63.5	135.5	135.5	135.5	135.5	135.5
			8.04	30.1	30.1	68.1	68.1	130.8	130.8	130.8	130.8	130.8
			30.8	30.4	30.4	68.9	68.9	125.1	125.1	125.1	125.1	125.1
			39.8	29.3	29.3	62.9	62.9	119.0	119.0	119.0	119.0	119.0
			39.3	30.5	30.5	70.0	70.0	188.1	188.1	188.1	188.1	188.
			33,3	33.0	33.0	75.5	75.5	183.7	183.7	183.7	183.7	183.7
			32.5	28.2	28.2	6.49	6.49	136.0	136.0	136.0	136.0	136.0

1.00

VACAR	25.1	25.5	25.9	6.04	31.0	120.1	121.8	179.0	184.3	189.6	194.6
Southern Companies (S. COMP)	30.1	21.2	12.3	45.0	43.1	109.5	111.8	170.7	175.5	180.4	185.3
ECAR	31.9	32.8	32.8	66.1	66.1	135.2	135.2	135.2	135.2	135.2	135.2
XAX	37.2	33.2	33.2	67.1	67.1	134.9	134.9	134.9	134.9	134.9	134.9
MARCA	36.9	31.5	31.5	63.5	63.5	135.5	135.5	135.5	135.5	135.5	135.5
MA-COSM	40.8	30.1	30.1	68.1	68.1	130.8	130.8	130.8	130.8	130.8	130.8
dans	30.8	30.4	30.4	68.9	68.9	125.1	125.1	125.1	125.1	125.1	125.1
ERCOT	39.8	29.3	29.3	62.9	62.9	119.0	119.0	119.0	119.0	119.0	119.0
New England (NES)	39.3	30.5	30.5	70.0	70.0	188.1	188.1	188.1	188.1	188.1	188.1
New York (NYS)	33.3	33.0	33.0	75.5	75.5	183.7	183.7	183.7	183.7	183.7	183.7
AL d	32.5	28.2	28.2	6.49	64.9	136.0	136.0	136.0	136.0	136.0	136.0
CAPCO	36.0	29.3	29.3	67.5	67.5	180.1	180.1	180.1	180.1	180.1	180.1
D T A	45.4	27.3	27.3	62.5	62.5	110.0	110.0	110.0	110.0	110.0	110.0
APS	20.4	27.5	27.5	62:5	62.5	139.4	139.4	139.4	139.4	139.4	139.4
Northern California (N.CA.)	36.1	37.6	37.6	69.7	69.7	156.5	156.5	156.5	156.5	156.5	156.5
Southern California (S.CA.)	50.0	9.67	9.65	80.4	80.4	164.8	164.8	164.8	164.8	164.8	164.8
Pacific Northwest (P.N.W.)	30.3	24.7	24.7	53.6	53.6	121.0	121.0	121.0	121.0	121.0	121.0
Arizona (AZ.)	44.2	44.3	44.3	86.8	86.8	224.0	224.0	224.0	224.0	224.0	224.0
Southern Idaho (S.ID.)	21.6	35.4	35.4	71.0	71.0	160.1	160.1	160.0	160.1	160.0	160.1
Western Montana (W.M.)	27.1	37.2	37.2	74.3	74.3	161.5	161.5	161.5	161.5	161.5	161.5
Northern Nevada (N.N.)	24.1	35.0	35.0	70.1	70.1	197.4	197.4	197.4	197.4	197.4	197.4
Southern Nevada (S.N.)	30.5	36.5	36.5	72.6	72.6	164.4	164.4	164.4	164.4	164.4	164.4
Utah	36.8	36.2	36.2	72.3	72.3	162.2	162.2	162.2	162.2	162.2	162.2
Island of Oahu, Hawaii	49.5	45.0	45.0	75.4	75.4	120.6	120.6	120.6	120.6	120.6	120.6
Island of Hawaii, Hawaii	78.7	102.3	102.3	102.3	102.3	169.4	169.4	169.4	169.4	169.4	169.4
Island of Kauai, Hawaii	78.4	102.3	102.3	102.3	102.3	169.4	169.4	169.4	169.4	169.4	169.4
Island of Maui. Hawaii	55.1	82.7	82.7	82.7	82.7	171.1	171.1	171.1	171.1	171.1	171.1
Island of Molakai, Hawaii	103.6	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7
Anchorage, Alaska	30.5	30.4	30.4	48.4	48.4	124.5	124.5	124.5	124.5	124.5	124.5
Fairbanks, Alaska	35.7	37.1	37.1	37.1	37.1	149.5	149.5	149.5	149.5	149.5	149.5
Valdez, Alaska	109.0	109.0	109.0	109.0	109.0	109.0	109.0	109.0	109.0	109.0	109.0
Ketchikan, Alaska	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5

Table 5-6 Regional energy benefit values

					Energy	Benefit	as Funct	as Function of APF	(\$/MMH)			
Region	APF:	0	0.10	0.20	0.30	0.40	0.50	09.0	0.70	0.80	06.0	1.00
VACAR		45.3	45.3	45.3	35.7	35.7	11.0	11.0	4.8	8.4	4.8	8.4
Southern Companies (S. COMP)		45.0	45.0	45.0	35.7	35.7	9.1	9.1	4.8	4.8	4.8	8.4
ECAR		38.2	38.2	38.8	23.5	23.1	12.7	12.6	12.5	12.4	12.4	12.3
MAIN		43.9	43.9	41.6	25.4	23.5	12.9	12.4	12.0	11.8	11.6	11.4
MARCA		40.3	40.3	37.2	24.1	22.6	10.1	10.0	6.6	9.8	9.7	9.7
WSCC-FW		33.5	33.5	27.4	24.1	23.6	ۍ. ه.	6.7	7.3	7.8	8.2	8.5
SWPP		35.2	35.2	34.9	23.3	22.1	12.0	11.9	11.9	11.9	11.8	11.8
ERCOT		29.8	29.8	23.8	22.6	21.1	7.6	9.6	7.6	9.6	6.6	6.6
New England (NES)		35.5	35.5	30.5	28.9	27.1	1.0	4.0	0.9	7.6	8.8	8.6
New York (NYS)		39.2	39.2	39.1	29.2	26.9	10.5	11.8	12.8	13.5	14.1	14.5
PJM		38.6	38.6	36.2	29.8	28.1	11.3	11.5	11.6	11.7	11.8	11.9
CAPCO		37.6	37.6	33.8	29.8	26.7	2.8	4.5	5.6	6.5	7.2	7.8
AFP		33.2	33.2	22.9	29.8	25.1	9.6	9.5	9.6	9.7	7.6	9.7
APS		42.0	45.0	49.1	31.1	23.7	4.6	8.6	10.1	10.3	10.4	10.5
Northern California (N.CA.)		34.4	34.4	35.3	21.2	21.6	11.8	13.0	13.8	14.4	14.9	15.3
Southern California (S.CA.)		33.8	33.8	33.6	21.0	21.4	10.0	11.0	11.6	12.1	12.5	12.8
Pacific Northwest (P.N.W.)		31.9	31.9	28.7	21.1	21.2	14.1	13.5	13.1	12.7	12.5	12.3
Arizona (AZ.)		34.6	34.6	34.6	21.8	22.4	15.2	14.7	14.4	14.2	14.0	13.9
Southern Idaho (S.ID.)		39.0	39.0	43.3	22.4	22.4	9.7	10.0	10.2	10.4	10.5	10.6
Western Montana (W.M.)		39.4	39.4	45.2	22.0	22.1	3.4	3.4	3.4	3.4	3.4	3.4
Northern Nevada (N.N.)		38.5	38.5	8.44	21.4	21.6	10.7	11.8	12.6	13.1	13.6	13.9
Southern Nevada (S.N.)		36.1	36.1	39.5	21.3	21.9	9.3	9.1	9.0	8.8	8.7	8.7
Utah		34.3	34.3	34.0	20.0	18.5	7.7	7.8	7.8	7.8	7.9	7.9
Island of Oahu, Hawaii		35.5	35.3	32.9	24.2	25.7	20.1	21.2	22.0	22.7	23.1	23.5
Island of Hawaii, Hawaii		7.9	7.9	21.4	25.9	28.2	25.7	26.7	27.5	28.0	28.5	28.8
Island of Kauai, Hawaii		7.6	7.6	21.3	25.9	28.1	25.7	26.7	27.5	28.1	28.5	28.8
Island of Maui, Hawaii		4.4	4.4	20.1	25.4	28.0	25.6	26.8	27.6	28.2	28.7	29.1
Island of Molakai, Hawaii		22.8	22.8	32.0	35.1	36.6	37.5	38.1	38.6	38.9	39.1	39.3
Anchorage, Alaska		20.6	50.6	20:3	8.7	11.4	10.1	10.9	11.5	12.0	12.4	12.6
Fairbanks, Alaska		27.0	27.0	29.1	29.8	30.2	8.7	8.9	9.0	9.1	9.5	9.3
Valdez, Alaska		38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
Ketchikan, Alaska		32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6



Source: Hydroelectric Power Evaluations. Federal Power Commission, Washington, D.C., March 1968.

Figure 5-3
FERC REGIONS FOR CAPACITY AND ENERGY BENEFITS

Table 5-7

PROJECT STORAGE UNDEVELOPED Z Z **О** ANALYSIS

MACCLENNY

TOTAL	- U 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		90° 1	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	F-	1 tr 1 tr 1 tr 1 tr 1 tr	#O 6	2 4 5 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		5.14	. 15	40.	5 th 4 S
FL69ASGOO1 COST ESTIMATE FORM (\$1,000,000) JULY 1978 PRICE LEVEL FIRST	(1 9.0 MM SF. KAPLAN UNIT(S)) 11 CDAMS, DIKES) 11 CDAMS, DIKES) 11 CDAMS, CHANNEL, CONDUIT) 0	 (8) (7) #GEOGRAPHIC FACTOR(.es) 24.04	SUBTOTAL BE(8+9)*CONTINGENCY(1,25) SPECIAL COST TTEMS	(12) TOTAL CONSTRUCTION COST SUBTOTAL C #(10+11)	(13) ENGINEERING AND OVERHEAD COSTS (12)*KENGR(122)	(14) TOTAL PROJECT COST SUBTOTAL D a (12413)	(15) INTEREGT DURING CONSTRUCTION (14) SIDEC .1475)	(16) TOTAL INVESTMENT COST (16+15)	ANNUAL COMPUTATIONS FELTITIES STATES	(17) AMORTIZED COUF (16)#Amortization Factor(.06884)	(18) OPERATION(L) AND MAINTAINANCE COSTS	(19) REPLACEMENT COSTS (1)*0.0125#GENGRAPHIC FACTOR(.85)*CONTINGENCY(1.25)	(20) TOTAL ANNUAL COST (17)+(18)+(19)

(Continued)

PROJECT OF AN UNDEVELOPED STORAGE ANALYSIS

	FORM2 SITE . FL6SASOCO1		FLOW-DURATION TECHNIOU	E DATE 8	DATE 8 11 PES A1
######################################	A DOMINIAN S PRESENTATION	ENTERED TO SOLVE TO S	A TOTAL POTENTIAL A B CATACHTAL A B CATACHTA	# # # # # # # # # # # # # # # # # # #	NEW POTENTIAL CAPACITY
**********	· 在在在中间的中间的一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个) 学位的现在分词 计多数 医多种	我我我说我们也是我也是我们的我们的我们也会会 ———————————————————————————————————	- 经股份股份股份股份股份股份股份股份	2. 李安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安
34004		_	# DO 0400	• •	5M 20 50
		*AVERAGE ANNUAL ENERGY (***)	22567,03 *	•	50.79535
		SAVERAGE ANNUAL PLANT FACTOR	* 50.	0	A
CAGCAGO V	Carra (act a contact a con	THE PENDABLE CAPACITY (KE)	241.61 #	•	190100
		(TAT) AUGUST TOTAL TERM	* 2299.50 *	•	05"6622
n .		CENT AND DESCRIPTION OF THE PROPERTY AND DESCRIPTION OF THE PR	4 82.828.58 4	•	8726.58
o :		CEST > CENTER > CECTER - FERRET	* 20267,55 *	· c	20267,55
-		CONTRACTOR OF THE CONTRACTOR O	•	•	40.81
a STOREO		そうじょしなっていました ひょうじょう しょうじょう イン・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・			20.40
•	DADE CHP 4	TOTAL TERMINATION OF THE PROPERTY OF THE PROPE		0	30,09
* 10 STURED	*	AND THE TRANSPORT OF THE PROPERTY OF THE PROPE	ものが、これがためて	C	167970.33
* 11 STORED	*	CENTRY PRINCIPLE TOTAL OF THE PRINCIPLE TOTAL	+ 6 078642		A 325542.12
# 12 STORED	*	CALAN MINISTER PROPERTY OF THE		•	Ma Chicker
* 13 STORED	10 * 13#11+12	ATOTAL ANNUAL BENEFIT (6/78)	T FF UT COOT	•	
7. 4	* 14816/1	AINDAALLED CAPACITY COMT (6/KETYR)	K /7-02-0		
	# 15=16/2	*AKE" ANNUAL ENERGY COST (S/MEX-YK)	E CO LOUIS	•	
	•	ATOTAL ANKUAL COST (S/YR)	* 5367577,66 *	•0	2007/1000
		PACTAL ANNUAL NET BENEFIT (B/VR)	# 150470655.M7 #	•	44447065.37
1.48 940060			* 61*	•0	P
2010		p 就就就是我们的现在分词,我们的现在分词,我们的现在分词,我们的现在分词,我们的现在分词,我们的现在分词,我们的现在分词,我们的现在分词,我们的现在分词,我们的	P. 我们的 19. 我们的的 19. 我们的的 19. 我们的的 19. 我们的的 19. 我们的 19. 我们的 19. 我们的 19. 我们的的 19. 我们的的 19. 我们的的 19. 我们的的 19. 我们	经存储的 医多种性 医多种性 医多种性 医多种性	(在在在我们的现在分词不会有有什么的。
		USGS GAGE NUMBER 2231000	2231000 USER SUPPLIED		

. v	
AVERAGE ANNUAL INFLOW .755. (700.) POWER STORAGE-TO-MEAN ANNUAL FLOW .73	7110
700.3	SELECT CAPA [16#1.0]
.755.	TS USED TO (13*1.0),
AVERAGE ANNUAL INFLOW	ARRAY OF STORED RESULTS USED TO SELECT CAPACITY OBJECTIVE - MAXIMIZE - (1341.0),(1641.0)
69.)	
.69.	
NET POWER HEAD	

*********	在外面的有效的有效的现在分词 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	化化物 化化物 化化物 化化物 化化物	*************************************	· 多数有效系统有效和分类等。	化苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯					*
ARRAY .				9 7 7	F X +	X C E E D E	iui U			* •
	-	vo	10	0 2	0.7	9	9	0.	ę.	* * *
						*********	**********	**********		*********
一种有种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种	÷	· 医克里特氏性 医克里特氏征 100 · 1	· 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性		**************************************	*66.89	*66.89	466.89	68.99	*66 99
	104 4147	114.00		973.09e	377.148	153,244	60,72	38,37#	20.27*	19.54*
		1.4	•	241 81	241.61*	241,61*	241,81	192.97*	142,164	96,274
# 140 PA	ŕ		AAA 0.11	* G = P G = 2	1896.57*	770.594	305,34*	192,97#	142,16*	48.27*
2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		100001	400000000000000000000000000000000000000	17095 904	10077.21*	5309,42*	2493,45#	1651,53*	1234,11*	857.51.
		****		410	419	79.	*56	#96°	*56*	* 00°
* CC G2 G G G G G G G G	# * C * C	404	- TO - TO	# W P	115.66	174.854	161,98*	184.17	164.854	165,114
	100		46. 724	44.54	6.62*	# O & **	# 3 P = 7	40 B BO	# C 6 - 7	* O# * 5
# J	100 00000	#48 P020 -	# 75 On Con 4	1245.42.484	123661.544	86511.03*	416,48764	35540,40*	26212 .044	10191.28*
	TOTAL STATE AND ACCORDED TO AND ACCORDED TO A STATE OF		A34.74	585681 98*	88863.40*	25485.21*	11968.55*	7927,324	5923.71*	4119.054
	100 PO	100 00000000000000000000000000000000000	1015077 72	711239 47	212524.94	113996-24*	61753.46*	43467 72*	32202.454	22307,324
THE SECOND STA	7 7 7 9 1 0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	474.026.044.04 474.026.024.04	A 16 1007 94+	5135607 954	4891619.10*	4766820.53*	4741361,524	4725211,98*	4715276	4706269.284
1 0 L/0 014	***		*51	*3-	*70	*40°	.01.	*10°	.01*	*00"
4 1 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	27.0	225	9 X G X G	# P C C C C C C C C C C C C C C C C C C	465.454	901.57*	1901,53*	2461,12*		FOR WEEK
TOTAL FOOT	1637696.47	#01-6H04F6	1015077.724	711239-47*	212524.94*	113996 24*		43467.72*	32202.65*	
OPT PAR 2	#DPH PAR 24 7814818 WS 6764280 8314	9764252.21*	5363007 944	5363007 94m 5135607.95m 4891819.10m 4786820.53m 4741361.52m	4891819,10*	4786820.53*		4725211.90*	4725211.9cm 4715275.554	47.0264.604
化化学 化苯基苯基苯基苯基苯基基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯	化苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基	· 在 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**********	MANAMERAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAK	PLON DUXAL	STATES AND SOUTH STATES	のどのなりにすばたいのま	K R		

- undeveloped project
- existing project without existing hydropower
- existing project with existing hydropower

Tables 5-8 and 5-9 illustrate the output for the existing storage project types. Other characteristics that would have a less significant affect on the analysis might include situations of diversion, run-of-river, retired powerplant, and/or breached dams. Project selection was typically based on maximizing net benefits (benefits minus costs). However, a previously discussed, the user could have directed that the selection be based on the variables on rows labeled "STORED" in Table 5-7, or mathematical combinations of these parameters.

The versatility of defining an objective function follows. In this example, the objective will be to select an installed capacity which minimizes the cost of producing energy output. In Table 5-7, this variable is displayed as row assignment 15. Note that this variable is not permanently preserved on the data base since the word 'STORED' does not appear in the table for this row. However, this variable can be regenerated for use in the objective function by using the stored row variables of 16 and 2 in a similar form as displayed for row assignment 15 under the heading of "mathematical expression". Since the selection routine is programmed to maximize the objective function, the negative of the mathematical expression is required, ie. (-16/Z). Other schemes of defining the objective function can be developed similarly.

Various assumptions made in the absence of data entries by field personnel are made by the programmed default procedures. Many of these are printed out, as messages to the user, ahead of the results of economic analysis. Examples of this are shown in Figure 5-4. The following items are some of the more important default assumptions that are utilized in the analysis and printed on the output in case the field engineer has no better knowledge of the required parameters:

- representative stream gage
- monthly evaporation rates
- optimization function
- waterway design flow (diversion projects only)

Table 5-8 Analysis of an existing storage project WITHOUT EXISTING HYDROPOWER

TOTAL COST		N) 0	1 au 90 10 m 1 au 1 au 1	#	20.00	 	0
1 FORM 0) LEVEL COST COST 0. 0. 0.	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•					CY (1,25)
PACOLET RIVER DAM SCCSACO761 SCCSACO761 COST ESTIMATE FORM (S1,000,000) JULY 1978 PRICE LEVEL (1) POWERPLANT(1 6.6 MW T. TURBINE UNIT(8)) (S) PPILLMAY (S) SPILLMAY (A) INTAKE AND OUTLET (S) MATERWAY (CANAL, CHANNEL, CONDUIT)	INVESTMENT COST COMPUTATIONS TOTAL PINST COST SUBTOTAL A S BUNATION OF (1) THRU (6) (7)*GEOGRAPHIC FACTOR(80)	SUBJUITE BETS+9) & CONTINERNOY (1.20) OPECIAL COST TIERS TOTAL CONSTRUCTORY	GUSTOTAL C S(10+11) ENGINEERING AND OVERHEAD COSTS	TOTAL PROJECT COST BUSTOTAL D = (12+13) INTEREST DURING CONSTRUCTION (14)*IDC(.0688)	TOTAL INVESTMENT COST (14415) Anjual Cost Computations	AMORTIZED COST (16)mamortization Factor("O6884) Operation(L) and matntathance costs	REPLACEMENT CNSTS (1)*0.0125.GENGRAPHTC FACTUR(.80)*CUNTINGENCY(1.25) TOTAL ANNUAL CUST (17)+(18)+(19)
					3	£ 5	102

Table 5-8 (Continued)

PROJECT HYDROPOWER STORAGE OF AN EXISTING EXISTING WITHOUT ANALYSIS

POWER POTENTIAL RESULTS USING PLOW-DURATION TECHNIQUE

PORME SITE - SCCSACO761

DATE I 11 FER 81

80	AGBIONIEN A	A RATERANTICAL STANDS TO A STA	A SOLPHING A SOLUTION OF A SOL	TOTAL POTENTIAL ** CAPACITY **	EXICATING CAPACITY *	NEE POTENTIAL CAPACITY
***	**************************************	· 斯曼斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯	* Z	全食在食物的食物食物食物食物的食物的食物的食物的食物的食物的食物的食物的食物的食物的食	**************	**************************************
·N	STORED	C = C	TANCHARM ANNUAL MARKET (TAKE)	* 95 89651		15963,58
M 4	810250	# MHP/(8.76#1) #AV	**************************************	# 90° KN &		93.26
- 15			ANNOTAL MARKET MARKET (TEX.)	7893,56 #	* 0	7493,36
•		4 681-4	TINTERCEPTION CAPACITY (KE)	5786.01 #	•	3786.01
•		W- W- +	*ANNUAL BECONDARY ENERGY (KET)	9	•	5010.02
•	STORED	£ 100 £	*DEPENDABLE CAPACITY BENEFIT (S/KE-YR) 4	37.20 *	•	37.20
•		940.5049		* 04.61	•	16.60
10	STORED	10810		# 10 mgs	* .*O	38,07
=	STORED	4 11m(4#8)+(6#9)		136601,95 *	•	138601.93
2	STORED	OTARRET #		607743.07 *	•	607743.07
n	STORED	# 13#11+12	ATOTAL ANNUAL BENEFIT (6/47)	746345.03 a	•	ACCUENCY.
4		# 14m16/1	AINBIALLED CAPACITY COST (S/KE-VR)	# 96 OF	* 0	60 COM
S		# 15m16/2	AAVR. ANNUAL RANKAGY COGH (G/XEXEYS)	* 171010		
9	STORED	4 15816	STOTAL ANNUAL COMPT (STATE)	337315.77 *	•	337313977
-		# 17#13-16	ATOTAL ANNUAL NET BENEFIT (S/YR)	# 154 6 80 B 0 #	•	20.0000 P
=	STORED	# 18#13/16	* BENEFITTETO - COST RATIO	2.21 *	• 0	2.21

.01

POWER STORAGE-TO-MEAN ANNUAL FLOW

453.)

-461. (

AVERAGE ANNUAL INFLOW

60.)

.09.

NET POWER HEAD

* * * * * *				е. Эт		X C E E O E	W CJ			* * +
* *		. E FT	10	0.8	0 4	09	0	0	45	66
# :				***************************************		********			********	*******
TENTE CONTRACTOR	おおおななななななななななななななななななななない。 プロ・プロ・プロ・プロ・プロ・プロ・プロ・プロ・プロ・プロ・プロ・プロ・プロ・プ		60.00*	**************************************	*00 09	*00°09	*00°09	*00.09	*00°09	*00°09
**********	26.044		762.01*	552.97	391.45	294 484	211,64#	168.93*	137.764	•
10 0 0 0 0 0 1	A44.26.	8.1.26	633,264	8 3 . 26 .	833.26*	833.264	833.26*	738.71#	602,39	369.98*
**************************************	11497.034	40.4.4	43.12.154	2418.04#	1711.75*	1287,704	925.48*	738.71*	602,394	169.981
4 AAE	164.92	15196.19*	14497.27	13377.68#	11654.72*	9446 044	7668.99*	6295,35*	5198.734	3222,56*
	101	*67	*05	#19	101	*47*	.95*	*46.	*66*	*66.
	- 7 L	42.56	117.12*	139.85	183.09	188,16#	191.90*	193,24#	193.86*	194.32*
THE PARTY OF THE	26.40	- C	1 AC	400.6	40.00	# C 6 . 4	#08°	#08 *	#0# #	400.4
10 42 LO	161251.46	87066.824	×15 01617	227349.934	232988.15*	199541,72*	168749.234	142749.58*	116776.284	71892.744
THE BUTTE	740188.06	540404 PR	17:43 BA	120978 944	55942.644	47261,00*	36411.15*	30217,70*	24451.96#	15468 31*
1 - 1 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	90.010	424.07.77	484 6484	300303	288930.79*	246802,72*	205560,39*	172967.284	141724 .24*	87761.05*
THE CATABLE	534420.634	27 4220 154	226798 864	190520.55*	199069.61*	136835,54*	120044.56*	109076,72*	100615.96*	61776,234
4 C C 2	****	0	- T	# T	1.84	1.784	1.71.	*55.	1.41*	1.07*
TO ATA TO	13.75.	1 TO 1	- F	100	13.654	14,10*	15.654	17.33	19.40*	25,38*
TOPT DAD 14	417 080100	457 073ECA	22 64 7 4 7	348328 BB*	288930.79	246802.72*	205560.39*	172967.28*	141728.24*	87461.054
OPT PAR 2	534620.63	273220.16*	226798.86	190520,55*	159069.61	138835,58*	120048.56*	109076.72*	100615.96*	81776.234
中华 中	****	· 供放在在在在在中的	· · · · · · · · · · · · · · · · · · ·	大学 化电子 医电子 医二氏性 医二氏性 医二氏性 医二氏性 医二氏性 医二氏性 医二氏性 医二氏性	不在我也是我们的现在分词	化比较性化比较性的现代形式	化放射性 医安全性 医中心一种	* * *	化化物 化化化物 医电子性 医甲状状腺 医二甲二甲二甲甲二甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲	· · · · · · · · · · · · · · · · · · ·
MEGGAGE ITME #		TALLMARTINE	De . 1 1 . 20		こくといい いいろくし	****** ****	CAPITED STERRING THE THE CORPIDO ANALIGICATOR STRUCTURE		11.41	

PROJECT STORAGE 0 - 0 EXISTING Table Z Z ANALYSIS OF

WITH EXISTING HYDROPOWER

CASTLE ROCK PMP724

WIINCS0194

WIINCS0194

COST ESTLWATE

(\$1,000,000)

JULY 1978 PRICE LEVEL

##JOB.COST TTENS (1) PRUMERPLANT (A	100 100 111111111111111111111111111111			18.48	10.40	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°	51.15	1.49	23.21		1.60	15.	en en	
	- K G I -	1 M	0 .0										CY (1,25)	
	Ē 5	INVEGIMENT COST COMPUTATIONS TOTAL FIRST COST SUBTOTAL A B SUNATION OF (1) THRU (6)	PHIC FACTOR(SUBTOTAL BE(A+9)&CONTINGENCY(1,25) SPECIAL COST TTEMS	THIAL CONSTRUCTION COST SUBTITAL C #(10+11)	ENGINEERING AND OVERHEAD COSTS (12)*KENGR("175)	TOTAL PROJECT COST SUBTOTAL D = (12+13)	INTEREST DURING CONSTRUCTION (14)*IDC(_0688)		ANNUAL COST COMPUTATIONS	AMURTIZED COST (16)#AMORTIZATION FACTOR(.06884)	COST	REPLACEMENT COSTS (1)+0.0125*GEOGRAPHTC FACTOR(.90)*CONTINGE	

NOTE --- THE AVERAGE ANNUAL ENERGY COMPUTED FOR THE EXISTING CAPACITY OF 15000, (KW) WAS 97117, (MWH) AS COMPARED TO THE INPUT VALUE OF 75000, RATIO = 1.29 IF THE RATIO IS LESS THAN (.8) OR GREATER THAN (1.2), THE USER SHOULD JUSTIFY THE DIFFERENCE. THE AVERAGE ANNUAL FNERGY ADJUSTMENT TS 1.00

Table 5-9 (Continued)

PROJECT

STORAGE

WITH EXISTING HYDROPOWER

EXISTING

0

ANALYSIS

POWER POTENTIAL RESULTS USING FLOW-DURATION TECHNIQUE

FORME STIFF - WITNESO194

DATE 1 03 FER A1

8 8 A	RON AGGIGNMENT	MATHEMATICAL R EXPRESSION	TYEN PESCRIPTION F	TOTAL POTENTIAL # CAPACITY #	RXHUNHY A A A A A A A A A A A A A A A A A A A	NEW POTFNTIAL CAPACITY
# # ~ # =	**************************************	**************************************	化苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基	化苯基苯苯基苯基苯基苯基苯基苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯	各种有效的 1000 0000 11 11	· 电子子分离电子子子子子子子子子子子子子
n.	STURED	CHO.	*AVERAGE ANXUAL BARKOY (FEET)	123802.52	97116.92	
m	STURED	# 3#2/(8.76#1) #A	*AVERAGE ANNUAL PLANT FACTOR	# In	まった。	
4	STORED	A GRF (PCT. FLOM) #OEPENDABLE CAPACITY (KW)	6871.20 ₩	6471.20 *	i ,
S.		# UNIO #	AANNUAL PIDA ENERGY (MKH)	65763,13 *	65763.13 *	0
s		* 681=4	*INTERRUPTIBLE CAPACITY (KK)	34027 38 *	8128.80	PS898
-		Daniel A	*ANNUAL BECONDARY ENERGY (KEH)	A PEL PECEN	31353.79	0978999
60	STORED	CHC 4	*DEPENDABLE CAPACITY BENEFIT (8/KW-YR) *	67,10 *	134,90 *	30.5
•		# 9#0.50#8	*INTERRUPTIBLE CAPACITY BENEFIT (S/KW-YR)*	33,55	# 154.45	4
9	STORED	* 10m10	MAVE. ANNIAL ENERGY RENEFIT (S/HWHYR) A	24.53 *	11.92	70.44
=	STORED	# 11mr4#8)+(6#9)	*ANNUAL CAPACITY BENEFIT (S/YR)	1602676.37 *	1475212.55	127463.83
~	STURED	0140400 4	*ANNUAL ENERGY BENEFIT (S/VF)	3037427.55 *	1157809.72 *	1879617 43
13	STORED	* 13=11+12	ATOTAL ANNUAL BENEFIT (S/48)	4640103,92 *	2633022,26 #	2007081.66
7		* 14=16/1	*INGTALLED CAPACITY COST (S/KH*YR)	70.78 *	59.68	28.27
ž		* 15m16/2	*AVE. ANNUAL ENERGY COST (S/MEH-YR)	# 80 PT 00 P	* 22 *	7 E S
9	STORED	* 16#16	ATOTAL ANNUAL COST (S/YS)	2894386 45 A	895209.77 *	1963542,43
-		# 17#13-16	ATOTAL ANNUAL NET BENEFIT (S/VR)	1745217.47 *	1737812.49 *	EU PERES
18	STORED	n 18m13/16	* SENERAL TOTON CATED	1.60	4 70 0	60 1

03	
AVERAGE ANNUAL INFLOW =5758. (=5758.) PCKEK STORAGE=TO-MEAN ANNUAL FLOW =.03	CITY
-5758.)	SELECT CAP. (16#1.0)
-5758. (JLTS USED TO
AVERAGE ANNUAL INFLOW	ARRAY OF STORED RESULTS USED TO SELECT CAPACITY OBJECTIVE - MAXIMIZE - (13*1.0),(16*1.0)
28.)	
-36. (
NET POWER HEAD	

1	10 36 10302 10302 12232 18232 18771 18771 18771	20 30 30 30 30 30 30 30 30 30 3	4 4 5 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	99 ***** 1056.31
27411-594 14780-1724 14780-1724 14780-1724 14780-1724 14780-1724 14780-1724 14780-1724 14780-1724 14780-1724 14780-1724 14780-1728-1728-1728-1728-1728-1728-1728-1728	10 30 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7150 50 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	在在在在在在在在在在在在在在在在在在在上,可以可以	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #
36.274 14780.124	10 302 14 # 10 302 14 # 10 302 14 # 12 20 # 1 20 #	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M	00 M			1556.31
27411.694 14780.124 147149.974 24069.944 32279.004 26018.414 0.064 26018.414 17.8494 1.0216.114 66075.944	10302,14x 12232,00x 18771,29x	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.00 0.00 0.00 0.00 0.00 0.00	#756 0 0 0 0 0 0 0 0 0 0	# # # # ON	# # # M	* * * * · · · · · · · · · · · · · · · ·	1556,31
0.00	18232 00* 18771 29*	# # # # # # # # # # # # # # # # # # #	* * * *	****	***	* * c = t	* *	C
######################################	1871,29*	4000 0000 0000 0000 0000 0000 0000 000	***	* * *	* *	: * ·		•
300 200 20018 41 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	16771,29*	8 4 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	* * C O	* * 0 0	* C	•		ó
#524 #524 #524 #524 #524 #524 #524 #524	# 9 T # 0 T	* 10°	*	*			•	0
402-84 4 401-851 5 400 401 401-851 601	140 401			•	* C	* c		
400-102-102-102-102-102-102-102-102-102-1		134.904	* C	* •	.0	0		o
-102164,11s 66075,38s 4128119,67s 1829946,34s		16.04	*	*	•	, c		c
4128119.67# 1829946.34#		263494.72#	•	•	•	• •		c
		135270,974	* C	•		C		
*		394765,69#	* C	*	*		c	•
3883793.024 1339472.504	741606 99*	322475.56*	.0	•	•	c		• c
#15 B/C F # 1.04# 1.42#	1.58*	1.24	• 0	*	*	•		•
#1% CSTA/E# 120.52# 51.48#	39,51+	38.24	*		*	c		e c
_	* 6	398765,694	•	*	*			
# NPT PAR 2+ 3883793.02+ 1339472.50+ 74		322475,56*	•	* S	C	· *	· *	• c

Figure 5-4 EXAMPLE OF ANALYSIS MESSAGES

```
07.46.44 -- INITIATE FLOW DURATION ANALYSIS-SITE- FLASASOOO!
                          INFORMATIVE
MESSAGE TYPE .
                                                         REGIONALIZED EVAPORATION RATES SELECTED
                                                                                                                                           MACCLENNY
MESSAGE TYPE -
                             INFORMATIVE
                                                         EVAPORATION LOSSES = -2 CFS
MESSAGE TYPE .
                             INFORMATIVE
                                                         UPSTREAM DIVERSIONS EXCEEDS LIMITS
                            INFORMATIVE
HESSAGE TYPE .
                                                    PROPER RANGE 18 FRCH -100000000,00000 TO 100000000,00000
VALUE IS ************
                                                        UPSTREAM DIVERSION W O CFS
NORMAL NET POWER MEAD SELECTED (CONSTANT HEAD)
SITE HAS FLOOD CONTROL FOOL + MAXIMUM HEAD ASSUMED
EXTRAPOLATION OF COST DATA IS REQUIRED
MESSAGE TYPE -
MESSAGE TYPE -
MESSAGE TYPE -
                                                         UPSTREAM DIVERSION =
                             INFORMATIVE
                             INFORMATIVE
                             INFORMATIVE
MESSAGE TYPE .
                              INFORMATIVE
HESSAGE TYPE .
                             INFORMATIVE
MESSAGE TYPE -
MESSAGE TYPE -
MESSAGE TYPE -
                             INFORMATIVE
                             THEODMATTVE
                             INFORMATIVE
```

```
MESSAGE TYPE = MESSAGE TYPE = MESSAGE TYPE =
                           INFORMATIVE
                                                     .09.11.09 -- INITIATE FLOW DURATION ANALYSIS-SITE- SCC8ACO761
                                                     EVAPORATION LOSSES = 4 CFS
UPSTREAM DIVERSION = 0 CFS
                           INFORMATIVE
                                                                                                                             PACOLET RIVER D
                           INFORMATIVE
MESSAGE TYPE -
                           INFORMATIVE
                                                     NORMAL NET POWER HEAD BELECTED (CONSTANT HEAD)
MESSAGE TYPE -
                           INFORMATIVE
                                                     POWER STORAGE SIGNIFICANT - ASSUME NO SPILLAGE
                                                     EXTRAPOLATION OF COST DATA IS REQUIRED EXTRAPOLATION OF COST DATA IS REQUIRED EXTRAPOLATION OF COST DATA IS REQUIRED EXTRAPOLATION OF COST DATA IS REQUIRED
MERSAGE TYPE .
                           INFORMATIVE
MESSAGE TYPE -
                           IMPORMATIVE
MESSAGE TYPE -
MESSAGE TYPE -
                           INFORMATIVE
                           INFORMATIVE
```

```
MESSAGE TYPE - INFORMATIVE 17.22.11 --INITIATE FLOW DURATION ANALYSIS-SITE- WIINCS019q MESSAGE TYPE - INFORMATIVE REGIONALIZED EVAPORATION RATES SELECTED CASTLE ROCK 2WP MESSAGE TYPE - INFORMATIVE EVAPORATION LOSSES = -1 CFS MESSAGE TYPE - INFORMATIVE UPSTREAM DIVERSION = 0 CFS MESSAGE TYPE - INFORMATIVE TAILHATER RATING SELECTED (VARIABLE HEAD) TAILHATER RATING DEFINED FROM 2 TU 254 (1000 CFS)
```

POPER HEAD CURVE

PONER HEAD 35.5 30.5 12.3 12.3 DISCHARGE 2000.0 15000.0 151000.0 254000.1 MESSAGE TYPE - INFORMATIVE SITE HAS FLOOD CONTROL POOL - MAXIMUM HEAD ASSUMED

5.8 PROBLEMS ENCOUNTERED AND RESOLUTIONS

Some of the same problems encountered during the Form 1 collection and analysis activities continued to plague the study during Form 2 data collection and analysis stages. Many of these were solved by programming default parameter values and by more extensive error messages. Curve fitting routines had to be modified several times to overcome bad extrapolations on storage, area, and tailwater ratings. Several program changes were required to cover the various ways that latitude and longitude were being entered. On-line program documentation and update messages to the user were used to try to keep the field engineers aware of program modifications that impacted on required input or results. Several upgrading cycles of edit and display capabilities were accomplished as the need became apparent and training sessions were conducted on proper use of the programs.

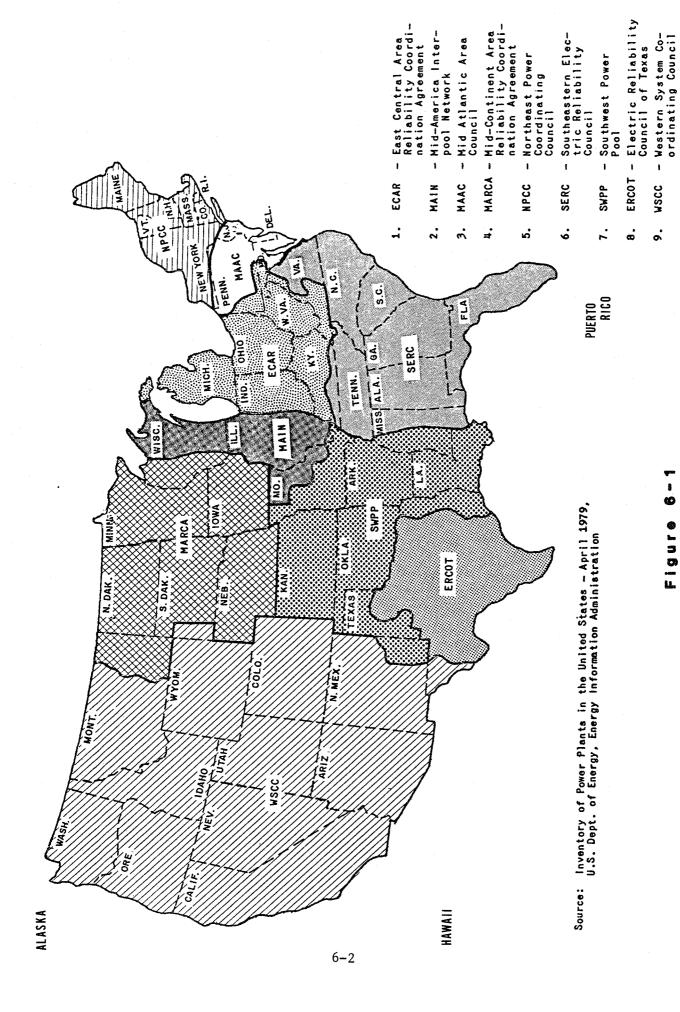
A major problem encountered during the Form 2 analysis was the determination of dependable capacity at storage projects. This problem was not resolved in the flow duration procedures prior to the final Form 2 analyses. Storage can have a major impact on the magnitude of dependable capacity. A sequential analysis was available to determine dependable capacity at storage sites. However, many users selected the flow duration analysis that had no correction for storage and, thus, underestimated the dependable capacity. Since the final analyses were made the flow duration analysis (HYDUR program) has been amended to include subroutines to reflect storage effects, in addition to other improvements and can be obtained from HEC.

Chapter 6 REGIONAL RANKING

Stage 4 study objectives were to evaluate the relative merits of added hydropower at each site by economic, environmental, social and institutional criteria. Those sites that passed an economic screening were then ranked on their merits and impacts relative to environmental, social and institutional aspects. Detailed criteria used by study managers responsible for each of the regional reports are contained in Volumes XIV through XXIII. The regional boundaries coincide with the National Electrical Reliability Council regions shown on Figure 6-1, plus a report covering Alaska and Hawaii.

6.1 RANKING CONCEPTS

The ranking categories were grouped into (a) economic (b) non-economic and (c) composite. Each of these were subdivided into sites that could likely be developed by the year 1990 "near-term development" (ranking numbers 1000-1999) and those that were judged more likely for development beyond 1990 "far-term" (ranking numbers 2000-2999). The economic ranking considered cost of energy development \$/MWH or mills/kWh and ability of the project to meet forecast regional load characteristics. Since adding power facilities to existing dams can usually be accomplished at less cost and in a shorter time frame than at undeveloped sites it is only natural that the "near-term" ranking would include mostly, if not exclusively, existing projects. Similarly the non-economic ranking considerations typically could expect a more adverse impact environmentally and socially at undeveloped sites. Here again, the "near-term" (1000-1999 code) group contained mostly existing projects.



AREAS ELECTRIC RELIABILITY REGIONAL

The composite ranking followed the same "near-term" and "far-term" concepts but was a subjective, weighting, composite of the other two rankings.

6.2 VARIATIONS

Considerable variation in procedures and subjectivity went into the ranking numbers assigned to each project. The consensus ranking order of potential candidate sites was reached by the study teams, some of which included representatives from other federal and state agencies. The B/C ratio was sometimes given consideration along with the unit cost of energy. Some regional study teams grouped all sites into either a "near-term" or "far-term" without trying to identify any probable order of study. Site specific benefit values and cost data are needed to obtain a very reliable degree of confidence in ranking order. The WSCC region ranking team concluded not to rank any of the sites, but rather to give more detail on known or unknown social and environmental constraints, and grouping existing projects into "near-term" development potential and undeveloped sites into potential development beyond 1990. Consequently, Appendix C of this volume will show no entries in the ranking column in most of the western states. Volume XXIII, Western Systems Coordinating Council Regional Report, presents site specific information on the environmental and social impacts of project development for the western region states.

Chapter 7 SUMMARY

The data management systems, analysis techniques, data collection, screening and ranking process have been discussed in this volume in order to provide the reader with a better perspective of the degree of reliability which can be placed on the sites contained in the "active" data base. Of the 70,000 or so sites that were considered at some level of detail during the various study stages, about 5,400 remain in residence on the active tapes. Many of these have existing hydropower presently in operation with no apparent economically feasible increment that can be added. Also in the active files, there are some undeveloped sites which are alternatives to other undeveloped sites; the development of the better alternative would preclude the development of the other.

The State by State listing of the sites that field study managers have decided to leave on the active file are displayed in Appendix C. The Regional Reports (Volumes XIV through XXIII) contain listings of those sites with an activity code of 2 (Item 3 of Form 2) or have been assigned a ranking number, both implying it is recommended for active continued study in site specific detail. Those with an activity code other than 2 have failed to pass some test along the way and could have been moved to the inactive files of the study. There are 1993 ranked, or activity code 2, sites in the active data base of the 11 Divisional Files. Tables 7-1 and 7-2 summarize the sites with incremental potential, aggregated by head and size range. Table 7-1(1353 sites) covers the small hydro range of .05 to 15 MW while Table 7-2 covers the total range of sizes. The aggregate added increment of capacity and energy represented by development of all active or ranked sites is estimated at

SITES POTENTIAL RANKED HYDROELECTRIC 0 ACTIVE Table 7-1 SUMMARY OF SMALL SCALE NATIONAL FOR

AND CAPACITY RANGES! HEAD **B** (DISTRIBUTED

x w < c	E HOPE						POTENTIAL		INCREAENTAL	L CAPACITY			化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化	** ** ** ** ** ** ** ** ** ** ** ** **		* * * * * * * * * * * * * * * * * * *	# # #
H Z	-∢_Jຫ -∢_Jຫ		発 3 三 (1) (2 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4	有数				# 3. E			3 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	* * *	* * * * *	# C .	# # # # W O	# # W W W W W W W W W W W W W W W W W W	# # # # # # # # # # # # # # # # # # #
u 1u1.9⊷	93E E	**************************************	RESERVED TO THE PROPERTY OF TH	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	****** ****** ************************	E K K K K K K K K K K K K K K K K K K K	M T C M C M C M C M C M C M C M C M C M	4 H O O O O O O O O O O O O O O O O O O	# HOZH + HOZH - H	# # # # # # # # # # # # # # # # # # #	M D C A A A A A A A A A A A A A A A A A A	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	TOTAL TOTAL
0 19	***** **** **** **** ****	# # # # # # # # # # # # # # # # # # #	203* 279.3* 1467.*		223** 305.8** 1565.**	107 107 109 109 109	37 * 255.9 * 1108. *	K	41 ** 41 ** 284.8 ** 1246.**	# # # # # # # # # # # # # # # # # # # #	25* 308.8* 1395.*	72 M M M M M M M M M M M M M M M M M M M	381.2## 1731.##	128 x 315.4 x 1697.	265 # 844.0 # 3969.#	127°94 127°94 573°4	295 971.8 4542.
0 2		# # # # # # # # # # # # # # # # # # #	315° 457.1 1988.	k 1	347 *** 511.6 *** 2188. ***	M	56 379.4 1097.	2	64 ** 428.7 ** 1213. **	1368	31 # 385.8 # 1149. #	10 00 10 00 10 00 10 00 10 00	43 # # # # # # # # # # # # # # # # # # #	256 # 1054.9 # 5398. #	402 ** 1222.3 ** 4235.**	# 40 # 40 # 40 # 40 # 44 # 44 # 44 # 44	454 1485.2 5053.
50-99	200 200 200 200 200 200 200 200 200 200	# UNGER 7 3 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	734 164 4 9.44 279.5 8 20.4 1201.	r 1	202 ** 335.2 ** 1379. **	200°6# 1010°	38 * 267.4 * 913. *	* * * * * * * * * * * * * * * * * * *	50 *** 359.7 *** 1208. ***	17* 208°7* 1183°*	22 * 281.0 * 688. *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	26 ## 327.5 ## 855. ##	E 100 00 00 00 00 00 00 00 00 00 00 00 00	224 827.9 2803.	# 0-0 # 0-0 # 10 0-0 # # # # #	278 1022.4 3442.
60 4	***** *****	# ENERGY # 173 - 54 - 54 - 54 - 54 - 54 - 54 - 54 - 5	1424 45 242.9	45 45 4 5 4 1 4 4 5 4 1 4 4 4 4 4 4 4 4	187** 363.6 ** 1512**	27* 191 6* 968 *	39 * 268.4 * 994. *	47 * 47 * 17.52 * 4	86 *** 619.8 *** 2746. ***	311.1# 311.1# 1615.#	21 * 256.5* 709. *	354 32 4 354 0 8 4 4 9 3 0 8 4	53 ## 640.5## 2502.##	47.50 47.50 46.60 44.60 44.60 44.60 44.60	202 767.7 2675.		326 1623.9 6760.
407	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	*NUMBER* 462* 824* *L-CAPCTY* 946.7*1259.1* *ENERGY* 4879.* 5626.*	462* 824* 135 975.7*1259.1 * 257.4 4879.* 5626. * 1016.	N - N - N - N - N - N - N - N - N - N -	959 ** 1516.4 ** 6642. **	60 24 4 50 50 50 50 50 50 50 50 50 50 50 50 50	170 1170.9 4112.	% % % % % % % % % % % % % % % % % % %	241 ** 1692.9 ** 6412. **	64* 783.3* 4277.*	99 * 1232.3 * 3944. *	56 2 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	153 *** 1894 - 4 *** 6742. ***	262 S S S S S S S S S S S S S S S S S S	1093 3662.3 13682.	4416 4416 4416 4416 4446	1353 5103.7 19797.
	COLUMN 1 B INSTALLED CAPA COLUMN 2 B INCREHENTAL CAPA COLUMN 3 B POTENTIAL CAPA	H H H H N M H N M F E S	INSTALLED CAPAC INSCRENTAL CAPAC POTENTIAL CAPAC	CAPACITY CAPACITY CAPACITY	>H> 4>4 + +	EXISTING DA T EXISTING UNDEVELOPEO	20 40 4	ம ய ற	M O O O M	4 500 P K S S S S S S S S S S S S S S S S S S	NEW POTENTIAL CAPACITIES FOR ENERGIES FOR GI	NT TALL C	CAPACITY (SUM OF GIVEN HEAD RANGE (C	PO BUT	COLUMNS COEGAWAT	48 2 AND 4ATT) TEHOUR)	e.

SITES RANKED 0 ACTIVE Table SUMMARY OF NATIONAL

CAPACITY RANGES) ONY HEAD B (DISTRIBUTED

IAL INCREMENTAL CAPACITY RANGES	REPARTMENT OF THE PARTMENT OF	A UNDER A TARKA TA	**************************************	** ** ** ** * * * * * * * * * * * * *	######################################	6 50 96 17 8 7 166 2534 360 335 340 (0 1002 1202 1203 4726 563194 15356 13900 5584 691 13900 45584 691 13900 13 13 14 12 12 640 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	
化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化	在	# # # # # # # # # # # # # # # # # # #	295 # # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	278	200 200 200 200 200 200 200 200 200 200	4 10 2 10 4 000	医细胞 医软状 医性性性 化苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
* *	*************************************	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	**************************************	######################################	₹ ¥	化矿物化物 化化物 医电影
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	**************************************	# # HOAD # # # HOAD # # # # HOAD # # # HOAD # # # HOAD # # # HOAD # # # # # # # # # # # # # # # # # # #	***************************************

60,700 MW and 130,000 GWh. About 48 percent of this capacity increase and 36 percent of the added energy is at existing projects. Based on the results shown in Table 7-2, an increase in the existing hydropower energy of about 15 percent can be obtained by adding or increasing hydropower capability at existing reservoirs. An additional 26 percent increase in energy can be obtained from undeveloped sites making a total of 41 percent increase in energy. Thus those projects which appear to be attractive considering economic, environmental and institutional factors represent only about 10-15 percent of the physically possible additional capacity and energy reported in the preliminary report of July 1979 (see Table 4-3). Table 7-3 summarizes from the active Form 2 file, by state, the existing installed capacity and annual energy developed as well as the additional capacity and energy considered developable at those sites where the increment exceeds 50 KW. Table 7-3 also contains 521 existing hydropower sites that appear to have no potential for additional capacity which are not contained in Table 7-2.

The values presented in Tables 7-4 and 7-5 were developed during October and November of 1980 and are superceded by those values in Tables 7-1, 7-2, and 7-3 developed in February 1981. These two tables do provide information on characteristics that is useful. Table 7-4 presents an estimate of additional capacity and energy at existing and undeveloped projects aggregated by size and by Corps of Engineers Division Boundaries. Figure 7-1 is based on Table 7-4 and presents bar charts depicting the distribution of potentially developable capacity and energy between existing and undeveloped sites. Table 7-5 was prepared by INTASA, Incorporated and is a national summary indicating the type of project and size range versus ownership by the Corps of Engineers, other Federal, and non-Federal entities.

SITES RANKED **6** SUMMARY OF ACTIVE Table 7-3 NATIONAL

CUEULA-II VE					
**************************************	.	COLUMN 2 ** UNDEVELOPED ** CAPABILITY AT ** EXISTING SITES ** (2)	COLUMN W # POTENTIAL AT # UNDEVELOPED # (W)	COLURN 4 # # # # # # # # # # # # # # # # # #	COLUMN S TOTAL POTENTIAL CAPACITY (5)#(1)+(4)
10 >> 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	198 136.44 997.78	19# 108.64 108.7#	800 SO	# 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 27 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A CHOCKLON	21.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5	87 8 87 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	# # # # # N
A TURNAM A TORDACTIVE A A TURNAM VOLT A A TURNAM VOLT A A TURNAM VOLT A A A TURNAM VOLT A TURNAM	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 1000 1000 1000 1000 1000 1000 100	# # # # # # # # # # # # # # # # # # #	47.5 97.6 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	######################################
A NUPBER A RAPACITY SUF A ENERGY SUF A ENERGY SUF A A A CAPACITY SUF A A ENERGY SUF A A A A A A A A A A A A A A A A A A A	614 5108.7* 17001.8*	# # # # # # # # # # # # # # # # # # #	2 0 0 0 2 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0	110x 110x 626x 24x 62.62	150 mm
		新 	· 教育教育教育教育教育教育教育教育教育	1. 化安全性抗原性抗原性抗原性抗原性	- 化多甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基

SITES RANKED (Continued) е С ACTIVE 0 F Table 7-3 SUMMARY NATIONAL

_
نیا
۳
<
}-
Ø
> -
80
_

(PAGE 2)#

我我我我也是我我们的我们的	1. 经保证的证券的 电电子 医二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二	医医疗性医疗性医疗性医疗性医疗性 医疗性医疗性医疗性医疗性医疗性	T. 我我我就会我们我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们	使使使使有效性 化苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯	T. 我我们我我们我们的我们的我们的我们的话,	医骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨骨
03 ← A FP		CAPAGILITY OF # FEXISHING SIMES # (1) # # (1)	COLUEN 2 * UNDEVELOPED 8 CAPABILITY AT 8 FEXISTING SITES 8 (2)	COLUMN 3 # POTENTIAL AT # UNDEVELOPED # (3) (3)	COLUNN 4 # TOTAL NEW # POTENTIAL * CAPACITY # (4)#(2)+(3) #	COLUMN S TOTAL POTENTIAL CAPACITY (S)=(1)+(4)
**************************************	A A DAUGHON TO A A A A A A A A A A A A A A A A A A		4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			8 4 6 6 W
CONNECTICUT	NUMBER A CAPACITY GUM A ENERGY SUM A	100 100 100 100 100 100 100 100 100 100	43* 59.6* 280.9*	# # # # # 0 0 0 0	434 59.64 280.94	185.0° 185.0° 645.0°
FLORIDA	NUMBER A DAPACHTY SUN **	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1001 1001 1005 1005 1005 1005 1005 1005	* * * * * " O D " O N	* * * * * M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
GEORGIA	NUMBER NUMBER * CAPACITY SUN ** ENERGY SUN	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N904 N904 6751
H H H H H H H H H H H H H H H H H H H	NEW STATES A	******	* * * * * * * * * * * * * * * * * * *	0 00 00 00 00 00 00 00 00 00 00 00 00 0	**************************************	2
******************	· 斯斯斯特斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯	法记录 非常知识 医克拉克氏 医克拉克氏 医克拉克氏 医克拉克氏 医克拉克氏 医克拉克氏 医克拉氏氏试验检试验检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检	· · · · · · · · · · · · · · · · · · ·	· 安全教育教育教育教育教育教育	有条件条件的条件的条件的条件的条件的数据的数据的数据的数据的数据的数据的数据的数据的数据的数据的数据的数据的数据的	- 电影性原染性医影性医影性医

SITES RANKED (Continued) 0 SUMMARY OF ACTIVE Table 7-3 NATIONAL

(BY STATE)

		•	4	4		(PAGE 3)
U) 		COLUMN 1 CAPABILITY OF REXIONING GITES (1)	COLUNT COLUNT COLUNT COLUNT CAPABILITY AT # EXISTING SITES # EXISTING SITES # EXISTING SITES # # EXISTING SITES # EXISTING SITES # # EXISTING SITES # # EXISTING SITES # EXISTING SI	COLUAN POTENTIAL AT UNDEVELOPED & (u)	COLUNA 4 # 1074L NEW # POTENTIAL # CAPACITY # (4)#(2)+(3) #	COLUMN SS # # TOTAL POTENTIAL # CAPACITY # (5) # (1) + (4) # #
IDAHO	A PACHET STATES A STA			4 4 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		
ILLINDIG	NUMBER CAPACITY SUR SENSOR	************************************	22.00 22.00 24.00 24.00 24.00 44.00 44.00		# 71 2.09 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8	12
* INDIANA	NUNTER CAPACITY OUN TENERS OUN TE	* * * * * * * * * * * * * * * * * * *	134 72.04	****	134 72.04 167.68	2000 2000 2000 2000 2000 2000 2000 200
V 30 11 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NUMBER CAPACHY SULT	135.04 135.04 14 0.04 14 0.04 15 0.04 15 0.04	# # # # # # # # # # # # # # # # # # #	****	4 0.1 4 0.1 4 0.1 4 0.0 4 0.0 6 0.0	# 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
80 40 27 47 44 44 44 44	AANGAG & CAPACITY SUR TOAPACITY SUR TOAPACITY SUR		# # # # # # # # # # # # # # # # # # #	* * * * * * * O	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

SITES RANKED (Continued) 0 ACTIVE STATE) SUMMARY OF (B Y Table 7-3 NATIONAL

	计算电话 医多种性 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	化二甲基苯甲基苯甲基甲基甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲	新 10 10 10 10 10 10 10 10 10 10 10 10 10	**************************************	******************	**********
100 - 100 -	8	# ## # # # # # # # # # # # # # # # # #	K B	* *	* *	
2755.7#	574.3*	* 1		7 5181°4×	ENERGY SUR	
1865.44	111.7	* *	111.7*	**************************************	A CAPACITY ALL	STER STRUCTURE OF A PROPERTY O
* * .	T -∰4			K *	* *	
1864.2*	*in * 66	* 0		1764.7	# ENERGY SUR	
520.5*	23.6*	* 00	23.64	* 49.00p	* CAPACITY SUM	MARYLAND
* 6	14	*0			NUMBER	
* *	K 4K	K #	x - x	* *	* 1	
7842.7#	5100.8#	3688.3*	1412.5#	1 u	* ENERGY SUR	
2598.9*	2059.4	1642,6*	41	533	* CAPACITY SUN	MAINE
1 (3) 1 ×	157*	本 # 90 守	109*		A THE STATE OF THE	- -
*	*	*	*	*		_
1521.5*	1306,5*	678 ° 0 *		* 215.0*	FNERGY SUR	
317.44	236.4*	*8° 76	•	* 81.0*	AURUMUN NUM	DUTSTANA
: #x +1	1 # 1	r de d	r dr. d	K - K		
7177 824	#10007	714.0*	M	× 3147.0*	* ENERGY SUM	
2095.7*	1298.4*	325.0*	973	797.3*	* CAPACITY SUM	KENTUCKY
	* *************************************	* 6	. +x	K K K		
は、「「すいずいけいは「ハ」	* * *	X	* (2) * (*)	* * * * * * * * * * * * * * * * * * *	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
CAPACITY	CAPACITY	# 031450150 x * 03145000 x * 031450000 x * 0314500000 x * 03145000000000000000000	EXISTIN	* """ "" "" "" "" "" "" "	TOTALS TOTALS	# → H
# 107AL *	101AL NRE #	POTENTIAL AT A	UNDEVELOPED *	CAPABILITY OF		1
COLUMN 55 *	COLUPN 4	COLUMN 3	COLUMN	COLUMN		. *
有水色水色水色水色水色水色水色水色	* *	在安徽的建筑市场的建筑市场的建筑市场的建筑市场的建筑市场的建筑市场,	***************************************	法法律法律法律法律法律法律法律法律法律法律法律法律法律法律法律法律法律法律法律法	· 在我的我们的我们的我们的我们的我们的我们的我们的我们的我们的	F在我也在我们的我们也是是什么
(PAGE	4	4				

SITES RANKED (Continued) 0 ACTIVE SUMMARY OF Table 7-3 NATIONAL

- 中华的电子的现在分词 计对象电子 化异苯基苯基苯基苯基苯基苯基苯基苯	-		**			(P 1941)
Δi 		CAPABILITY OF REXISTING SITES	C < E	H 01	COLURN 4 TOTAL NEW 8 POTENTIAL 8 CAPACITY 4 (4) #(2)+(3) 8	ည ရီပည္က
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	SATA SATA SATA SATA SATA SATA SATA SATA					
**************************************	NUNBER CAPACHTY GUN	168.93	# # # # # # # # # # # # # # # # # # #	# # # # # 	**************************************	M NO
***************************************	NURSER CAPACITY GUT A GU	0 0	000 000 000 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # 	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0 M
HEDD ON SHEET	NUTS OF STREET O	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4111 0007 0007 0007 0007 0007 0007 0007	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * NO * * * O * * O * O * O *	A P C C C C C C C C C C C C C C C C C C
*****************	NUNBER CAPACITY GUY ENERGY GUY	20.05.05.05.05.05.05.05.05.05.05.05.05.05	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	### ##################################	# # # # # # # # # # # # # # # # # # #	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
"我是我们的一个不是对他的现在分词 医克勒特氏 医克勒氏病 医克勒氏病 医克勒氏病			· "不不不不不不不不不不不不不不不不不不不不不不不不不不不不不不不不不不不不			

SITES RANKED (Continued) 0 ACTIVE SUMMARY OF Table 7-3 NATIONAL

医克里氏试验检氏试验检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检	法表示的证据法律法律法律法律法律法律法律法律法律法律法律法律法律法律法律法律法律法律法律	1. 化二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二	医医院医院医院医院医院医院医院医院医院医院医院医院医院医院医院医院医院医院医院医	经收款的存货的现在分词的现在分词的存在的	经保存存款 医克克特氏 医克洛特氏 医克克特氏 医克克特氏 医克克特氏 医克格特氏 医克格特氏 医克格特氏 医克格特氏 医克格特氏 医克格特氏 医克格特氏病 计记录器 计记录器 计记录器 计记录器 计记录器 计记录器 计记录器 计记录器	****
	T #4			* *	* *	
S W S	200 x 4 x 4 x 4 x 4 x 4 x 4 x 4 x 4 x 4 x	* # • #11	e a d	1 (4) 1 (4) 1 (5)	A RANGE OF SULK	NEW TENT
1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* M	-		1 * 1 0	NUMBER	
• •	* *		* *	* *	* *	
60 Pr	73.6*		40°%	*0*01	* ENERGY SUR	- 45.45 - 43.4
4, 70	100 CV	,	•	* *	ATTO ATT TO A CO. A.	200000000000000000000000000000000000000
		***		t ≱ t		
C - 7 + / T	* *	* * * * * * * * * * * * * * * * * * * *		1076,8	FNERGY SUR	
720.6	338.5*		318.2*	* 382.1	* CAPACITY SUN	NEW HAMPSHIRE
110*	103*			**	* *	
	* * * * * * * * * * * * * * * * * * *		•	× *	TOURSE A COLOR	
#N. 6	*O M	*	*O*M	*0°%	* CAPACITY SUR	NEVADA
# #F	* *	* *	* *	* * *	2 2 2 2	
#U. 1000	#9.NO	* *		\$ 0.00 K	ENERGY SUF	
207.7*	* 1. o. 1.		¥ 55.7*	182.04	* CAPACITY SUR	NEBRASKA
4						
* (5)+(1)=(5)	(4)=(2)+(3) * *	* (?)	* (2)		**	
POTENTIAL *	POTENTIAL *	UNDEVELOPED A VIOLE OF VIOLE O	CAPABILITY AT *	CATACATA CATACATA	TOTOLINA TOTALINA TOT	80 1-4 1-1
* S COLUMN S	TOOLUKN TOOLU	* M NEDICO	# # COLUMN # # COLUMN # # COLUMN # COLU		1. 1. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
*	不在好法可以在这些女女女女女女女女	非经验证证证证证证证证证证证证证	计算 化氯化氯化 化二甲基苯甲基 医克里斯 医克里斯 医克里斯 医克里斯 医克里斯 医克里斯 医克里斯 医克里斯	**************************************	. 计加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加	计划计算程序设计 计对数字符记录
(PAGE 6)*						

SITES RANKED (Continued) Œ ACTIVE Table 7-3 SUMMARY OF NATIONAL

					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*(L BAGE
(COLUMN 1 CAPABILITY OF EXISTING SITES	CAPABILITY AT & CAPABILITY AT	COLUMN W # # POTENTIAL AT # BONDEVELOPEO # COLUMN COLUMN W # # # COLUMN W # # # COLUMN W # # # # # COLUMN W # # # # # COLUMN W # # # # # # # # # # # # # # # # # #	COLUYN 4 TOTAL NEW 4 POTENTIAL 6 CAPACITY 7 (4)H(2)+(3)	COLUMN S # # COLUMN S # # COLUMN S # # COPACITY # (5) # (1) + (4) # #
	CAPACITY SUN	**************************************	**************************************		本	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
***NORTH CAROLINA**	NUMBER CAPACITY SUN ENERGY SUN	4191.00.01.00.01.00.00.00.00.00.00.00.00.00	4 4 4 5 6 6 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A THE PROPERTY OF THE PROPERTY	20001 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
NORTH DAKOTA **	NUMBER OCAPACITY SUF	1 4 4 0 0 0 0 0 4 4 4 4 4 4 4 4 4 4 4 4	20 20 20 20 20 20 20 20 20 20 20 20 20 2	**	00 ~ ~	0.00 CM
*****	CAPACITY SUN ENERGY SUN	****	101 30 4 101 24 100 64	4. NJ	* * * * * * * * * * * * * * * * * * *	A A A A A A A A A A A A A A A A A A A
* * OKLAHOMA	NUMBER CAPACITY SUK ENERGY SUK	* * * O * O * O * O * O * O * O * O * O	M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1	N 42 N 44	M	# # # # # # # # # # # # # # # # # # #
· 化妆妆的 化多分子 医多分子 医多分子 医多分子 医多分子 医多分子 医多分子 医多分子 医	· 电电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电	1.	· · · · · · · · · · · · · · · · · · ·	化银铁银铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁	计多数 化苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基	化多氯甲基苯甲基甲基苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲

SITES RANKED (Continued) **0** ACTIVE SUMMARY OF Table 7-3 NATIONAL

					2. 化分子 化二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二	- 医放射性性性性性性性性性性性
* ***	・ 一般の	: * **********************************	(48 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9			
*0°M6M6	2788.83			* 2604.27	ENERGY	
3201.3*	1594.74	1285,04	309.2*	1606.6*	CAPACI	*SOUTH CAROLINA*
56.	464			* 291	NUMBER	
* *	t 4 x	* **	K #	* *		
# 4 0 0	K 4	F 1	# 10 ° 70 ° 70 ° 70 ° 70 ° 70 ° 70 ° 70 °	*	ENERGY SUM	•
13.3#	# X * TT			* 10.0	L CAPACITY SUF	*RHODE ISLAND .
# 00°	≉ 6 m			*	NUMBER	•
*	*			*		
**						
#0 · 90M	179.6*	70.8			とうり トーインでしてン	DOTE DINGOLA
47.67	K T O			K 17 CO 1		
● (**		4		*		
-jr	*	*		**		. 7
5672,3#	3875.7*	1069.1*	AL .	1796 64	ENERGY SUM	
2027.1*	1601.0*	751.6*	6.48	4 426-11	ADACTT ADACT	DENKY SANTA
* 40 %	* *****	* **	* 10.1	* 1		*
*	献 ·	**		*	•	
46939.34	46° 7096	5510,6#		37334.4*	ENERGY SUR	
11848,14	4915.4#	1883,34		* 6932.61	XIII ALTUANE	200400
126#	* * * * * * * * * * * * * * * * * * * *	* * 00 7	# M 77	44 40 10		. * 7
没有不是这种不及这种是这种的人的人	C 多元 多名 多	· 计测定程计划设定进程设施设施设备设施 设	"这种不是有的不是有的,我们就是这个一个,我们就是这个人的,我们就是这个人的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们就是我们的,我们就是我们就是我们的,我们就是我们就是我们的,我们就是我们就是我们的我们就是我们就是我们的我们就是我们就是我们的我们就是我们就是我们就是我们就是我们就是我们的我们就是我们就是我们就是我们就是我们就是我们就是我们就是我们就是我们就是我们就是	*************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	45
(5)=(1)+(4) #	(4)=(5)+(3) *	* (8)	(2)	* (1) *		* *
# JAPACATA	* * >+ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		CAPACILLIY AT A CAMPACA CAMPAC	-	TOTALS	STATE *
# 141-0-0		TOURNING PARTY AND THE PARTY A	UNDEVELOPED *	* CAPABILITY OF *	CUMULATIVE	*
SOLUMN S	4 NAD 1000	•	COLUMN	* COLUMN 1 *		. *
*		*			化正式化化过去式和过去分词 化二氯苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯	· 医克里克斯氏试验检检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检
- 4 - 4 - 4	不详 化苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯苯	"我是我们的是我们的是我们的。"	法法律证据法法法法法法法法法法法法法法法法法法法法法法法法法法法法法法法法法法		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
(8 3)						

RANKED 0 (Continued) SUMMARY OF ACTIVE NATIONAL

建 有效处果实验的现在分词	· 海班斯斯 斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯	计多数 计多数 计多数 化二甲基苯基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲	化化化物 化化物 计多数 医多种			(PAGE 9)*
* * * * * * * * * * * * * * * * * * *		* COLUMN 1 * COLUMN 2 * * CAPABILITY OF * UNDEVELOPEO * * EXISTING SITES * CAPABILITY AT * * (1) * (2) * * *	COLUMN 2 * UNDEVELOPEO * CAPABILITY AT * EXISTING SITES * (2)	COLUMN 3 * * COLUMN 3 *	COLUEN 4 * TOTAL NEW POTENTIAL CAPACITY (4) = (2) + (3) *	COLUMN S ** COLUMN
TH DAKGTA	CAPACITY SUK	**************************************				4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	NUMBER OAPACITY SUN Y	2096.07 x x 11208.02 x x x x x x x x x x x x x x x x x x x	80.00 40.00 40.00 81.00 81.00	* * * * * ****************************	32# 862,1# 1663,0#	2000 2000 2000 2000 2000 2000 4444
* * * * * * * * * * * * * * * * * * *	NUMBER A CAPACITY SUR A ENERGY SUR A	* * * 0 TO * * * * * * * * * * * * * * * * * *	0.0 to 0.	# # # # # # # # # # # # # # # # # # #	# 68 W 99 W 80 % W 99 W	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
T V V V V V V V V V V V V V V V V V V V	NUMBER CAPACITY SUF SERENGY SUF S	* * * * * * * * * * * * * * * * * * *	M	1001 1395 1395 88	3000 MG 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 1000 1001 1001 1000 1000 1000 100
*****	NUMBER CAPACITY SUR ENERGY SUR	**************************************	71.7146.54 658.34	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	112* 245.5* 940.7*	121 476.2 1785.3 ************************************
不是不可以不可以不可以不可以不可以	· 医克里克斯氏试验检检验检检检验检检检检验检验检检检检检检检检检检检检检检检检检检检检检检	在我我我我我我我我我我我我我我我我我我我我我我我我我我我我我我我我我我我我	· 在,我们们的人们的人们的人们的人们的人们的,我们们的人们的人们的人们的人们的人们的人们的人们的人们的人们的人们的人的人的人们的人们	· 我在我也也也也也也是我也也	医医安氏氏征医安氏性医安氏氏征医安氏征	在各种原理學院 医阿拉斯氏病 医阿拉斯氏病

SITES RANKED (Continued) **6** SUMMARY OF ACTIVE Table 7-3 NATIONAL

(BY STATE)

1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	,我们是一个人们的,我们也是我们是我们的,我们们是一个人们的,我们们的人们的,我们们的人们的,我们们的人们的,我们们的人们的人们的,我们们的人们的,我们们的人们的人们的,我们们们的人们的人们的人们的人们	医贝尼二维氏试验检检验检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检	20年中央市场市场市场市场市场市场市场市场市场市场市场市场市场市场市场市场市场市场市场	- 经保证价值保证的股份的证据证明的	T 有有有有有有有有有的。	** 经存货条件条件存货条件
				* *		
# 0 0 0 0 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0	630	0 4 4 0 4 0 0 W W W W W W W W W W W W W	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	A TOAPACIAN A TOAP	ON I WO A
	* * *			* * 1		
2617.0*		* * * * * * * * * * * * * * * * * * * *		1000		Z 10
724				40 N 27 A 28 N 28	STANDAUM STA	. Z - # Z C C # 3
	* *	* *	* *	**	* 1	
an appnount of a second of a s	ない。サナサイは、一世の一世の一世の一世の一世の一世の一世の一世の一世の一世の一世の一世の一世の一	**************************************	727.74	4 178 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A CAPACITY SUX	WEGT VIRGINIA
					Σ	
154570-1		17778 44 44	#E 90EE	133985 5		
161 161 4 4 4 6 9 1 6 9 1	# 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6			# # # # # # # # # # # # # # # # # # #		NC CN 30 30 30 30 30 30 30 3
40° 1875	10.7501		# 60 ° 0 60 ° 7	783.0*		•
#0*55 T	40# 778.1*			* 516.9*	A CAPACITY SUN	AINIGH
		化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化	化化学 医乳球	在在在在在在在在在在在在在在在在在在在 在 1	化物质性 医水杨素素 医水杨素素 医水杨素素 医水杨素素 医水杨素素 医	化物位性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性
(S) H(1)+(4) +	* * * 4	# 100 H 100	A WHICH ON THE WAR	3	THE AND GELL)	
POTENTIAL	POTENTIAL		CAPABILITY AT *	TO LITTEGENER OF THE STATE OF T	# CUMULATIVE # TOTALS	STATE
SOLUTION SE	4 7 7 100 1	COLUMN WAR	A COLUMN S A COLUMN S S A COLUMN S S A COLUMN S S A COLUMN S A COL			
化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化	· · · · ·	在我们的现在分词,是是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一	· 我我们们的我们的我们的我们的我们的人们们们们们们们们们们们们们们们们们们们们们	医霍克氏氏征 医克克氏性 医克克氏征 医氏管炎 医氏管炎 医疗性	使我们就在我们的有效的,我们也不会的人们的,我们也不会的人们的,我们也不会会的人们的,我们也不会的人们的,我们也不会的人们的,我们也不会的人们的,我们也不会的人们的,我们也不会的人们的人们的人们的人们	非对非教育的教育的教育的教育
(PAGE 10)						

SITES RANKED (Continued) ш О ACTIVE **В** Table 7-3 SUMMARY NATIONAL

		* CUMULATIVE * TOTALS * (MW AND GWH)	COLUMN 1 CAPABILITY OF FEXISTING SITES (1)	COLUMN 2 ** COLUMN 2 ** UNDEVELOPED ** CAPABILITY AT * *EXISTING SITES * (2) **	COLUMN 3 ** POTENTIAL AT * UNDEVELOPED * (3) **	COLUMN 4 * TOTAL NEW * POTENTIAL CAPACITY * (4)#(2)+(3) *	COLUMN S TOTAL POTENTIAL CAPACITY (5)=(1)+(4)
--	--	--	--	---	---	---	---

NOTES:

- 1. See legend for Table 7-1.
- capacity. This column also includes 568 existing hydropower plants that have no potential for Column 5 represents total capacity at existing hydropower plants plus all additional potential additional capacity. 5
- This Table includes values for 69 sites that had no head value that were not included in Table 7-2. This accounts for the differences in the totals for columns 1 through 4. e e

Table 7-4

ESTIMATE OF ADDITIONAL CAPACITY AND ENERGY

AT EXISTING AND UNDEVELOPED PROJECTS

(AGGREGATED BY CORPS OF ENGINEERS DIVISION BOUNDARIES)

Capacity range	.05	- 5 MW	5 - 3	O MW	Over 30) MW	Tot	al
	Exist. Proj.	Undev. Site	Exist. Proj.	Undev. Site	Exist. Proj.	Undev. Site	Exist. Proj.	Undev. Site
Lower Mississippi	Valley D	ivision						
Number	1	0	19	0	2	2	22	2
Capacity (MW)	4	0	299	0	154	149	457	149
A.A. Energy (GWH) 11	0	1099	0	698	1171	1808	1171
Missouri River Div				•		•	40	1
Number	19	0	17	0	13	1	49	363
Capacity (MW)	53	0	213	0	1373	363	1639	
A.A. Energy (GWH) 166	0	680	0	1033	664	1879	664
North Atlantic Div		0	59	8	11	8	150	16
Number	80	_		128	746	848	1652	976
Capacity (MW)	185	0	721 1942	356	1333	1541	3970	1897
A.A. Energy(GWH)	695	0	1942	330	1333	1541	3970	1077
North Central Divi	sion 91	0	72	9	7	2	170	11
Number		Ö	72 997	171		459	2077	630
Capacity (MW)	149	0	2900	525	931 3501	3794	7333	4319
A.A. Energy (GWH		U	2900	729	3301	3,,,4	/333	4327
New England Divisi	on							
Number	356	66	27	20	7	7	390	93
Capacity (MW)	348	70	294	266	389	1461	1031	1797
A.A. Energy (GWH)	1989	311	997	799	537	3055	3523	4165
North Pacific Divi					20	100	120	293
Number	54	39	56	131	29	123	139	21023
Capacity (MW)	136	128	750	2149	5134	18746	6020	64993
A.A. Energy (GWH)	558	613	2485	10225	7055	54155	10098	64993
Ohio River Divisio			42	3	25	20	138	28
Number	50	5	63	43	1624	2465	2507	2521
Capacity (MW)	126	13	757		6524	4435	9517	4567
A. A. Energy (GW	H) 426	21	2567	111	6324	4433	9317	4307
Pacific Ocean Divi	sion							
Number	3	5	0	0	0	0	3	5
Capacity (MW)	1	7	0	0	0	0	1	7
A.A. Energy (GWH)	9	27	0	0	0	0	9	27
South Atlantic Div								
Number	51	11	44	36		15	103	62
Capacity (MW)	108	13	601	603	753	2709	1462	3325
A.A. Energy (GWH) 283	63	1197	1949	638	4135	2118	6147
South Pacific Divi		_						
Number	95	0	32	32	19	37	146	69
Capacity (MW)	142	0	447	431	2593	6549	3182	6980
A.A. Energy (GWH) 614	0	1227	2270	3305	13557	5146	15827
Southwestern Divis				20	r	10	75	70
Number	37	21	33	39	5	18	75 1226	78 1944
Capacity (MW)	61	44	446	576	817	1224	1324	1844
A.A. Energy (GWH) 148	98	1542	1848	1091	3054	2781	5000
Total	007		/ 00	070	106	122	1205	658
Number	837	147	422	278	126	233	1385 21352	39615
Capacity (MW)	1313	275	5525	4367	14514	34973 89561	48182	108777
A.A. Energy (GWH) 2031	1133	16636	18083	25715	02301	40102	200777

1980 SITES-OCTOBER RANKED Table 7-5 OF ACTIVE OR SUMMARY NATIONAL

(BY PROJECT TYPE, SIZE AND OWNERSHIP)

					Ţ	OWNERS	ЗНІР					
		CORFS	1-1		OTHER FEDERAL	iAL.	, ,	NON-FEDERAL	14		TOTAL	
HYDROFOWER CONFIGURATIONS	NO OF SITES	INCRE CAPACITY (MU)	INCRE ENERGY (GUH) I	NO OF SITES	INCRE CAPACITY (MU)	INCRE ENERGY (GWH)	NO OF SITES	INCRE CAPACITY (MW)	INCRE ENERGY (GWH)	NO OF SITES	INCRE CAFACITY (MW)	INCRE ENERGY (GWH)
RUN OF RIVER UNDEVELOPED S MU S-30 MU >30 MU EXISTING S MU S-30 MU S-30 MU	131 145 126 9 9 115 115 322	5813.39 1300.31 .18 140.65 1159.28 4513.08 49.85 932.22	19528.9 5390.4 1.5 606.8 4785.5 14138.5 234.6 4395.3	นีน๐๐ผอืณฆ๐	258.60 196.36 00 196.33 62.23 7.29 54.94	3555.8 346.4 0.0 346.4 209.4 174.3	609 68 68 35 27 27 307 196 38	8287.60 4053.86 17.38 657.69 3378.78 423.74 405.98 1708.15	26091.2 16570.1 67.1 2733.1 13770.0 9521.1 1511.3 4461.9	752 86 448 344 329 329 700	14359.58 5550.53 17.56 798.54 4734.42 8809.05 463.12 2695.31	46175.9 22306.9 68.6 3339.8 18898.5 23869.0 1781.0 9031.6
STORAGE UNDEVELOPED (5 MU 5-30 MU >30 MU EXISTING (5 MU 5-30 MU 5-30 MU	202 37 10 165 11 165 24	7995,53 2807,12 21,93 203,76 2581,43 5188,41 106,76 942,48	14719.9 8031.4 54.3 614.0 7363.1 6688.5 340.3 2658.1	104 16 3 4 4 88 88 28 18	6934.04 663.69 3.31 83.42 576.96 6270.35 83.43 334.42	5731.4 1511.8 10.4 238.5 1263.0 4219.6 327.7 1111.1	840 374 100 124 150 245 119	36583.16 24964.22 138.68 1970.51 22860.04 11613.93 392.82 1261.19	76139.3 58302.9 544.7 733.8 50425.5 1783.4 1274.7 2850.4	1146 427 1113 1140 170 719 355 220	51512.73 28440.03 163.92 2257.68 22618.43 23072.70 5873.01 2558.09 19951.60	96590.6 67846.2 609.3 8185.3 59051.6 28744.5 1942.7 6619.6
CONDUIT UNDEVELOPED S MU S-30 MU >30 MU EXISTING S-30 MU S-30 MU >30 MU	00000000	888888888	00000000	VW00W41HW0	516.78 471.90 .00 471.90 471.90 44.89 1.82 43.06	1042.6 848.3 1948.3 114.8 1779.6	228 158 28 28 34 70 70 70 18	4834.91 3531.51 75.98 1376.63 2078.90 1303.40 42.73 338.74	18780.2 15226.8 383.5 6758.1 8085.2 3553.4 193.2 985.1	235 161 28 28 96 37 74 74 21 35	5351.69 4003.40 75.98 1376.63 2550.80 1348.29 44.55 381.81	19822.9 16075.1 383.5 6758.1 8933.5 3747.8 208.0 1164.6
UNDEVELOPED CS MU S-30 MU S-30 MU S-31 MU EXISTING CS MU CS MU S-30 MU S-30 MU S-30 MU S-30 MU S-30 MU	333 533 116 280 280 1385 560	13808.92 4107.43 22.11 3244.61 3740.74 9701.49 156.61 1874.70	34248.8 13421.8 55.7 1220.8 12145.3 20827.0 575.0 7053.4 13198.6	123 21 21 24 4 4 48 48 48 18 18	7709.42 1331.95 3.31 83.42 1245.22 6377.47 92.54 432.42 5852.51	7329.8 2706.5 10.4 238.5 2457.4 4623.3 377.6 1465.0	1677 600 134 255 211 1077 572 347 158	49705.46 32554.59 232.04 4004.83 28317.72 17151.08 841.53 3308.08	121010.8 90099.9 995.3 16824.0 72280.6 30911.0 2979.2 8297.3	2133 674 149 284 241 1459 705 532	71224.00 37993.96 257.47 4432.85 33303.65 33230.08 1090.68 5615.20	162589.4 106228.1 1061.4 18283.2 86883.5 56341.3 3931.7 16815.8

INCRE-INCREMENTAL PORTION OF THE TOTAL FOR EACH HYDROPOWER CONFIGURATION

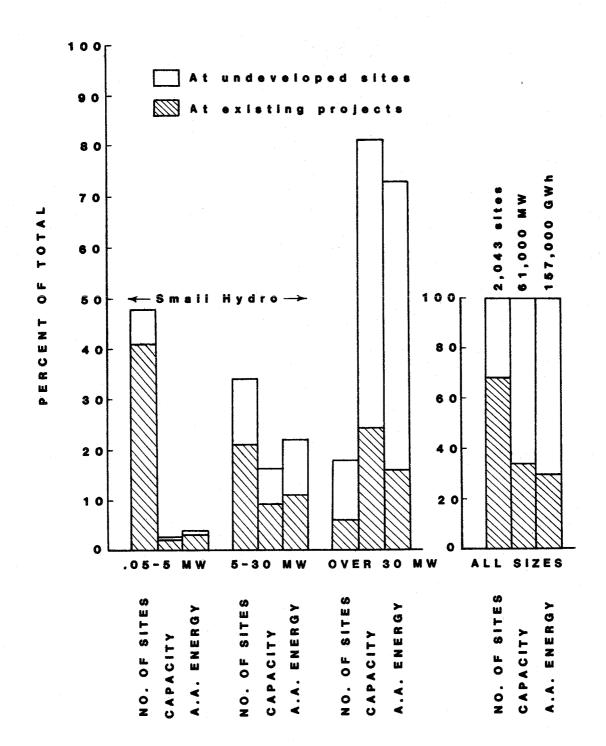


FIGURE 7-1
DISTRIBUTION OF INCREMENTAL CAPACITY AND ENERGY
AT ACTIVE AND RANKED SITES

APPENDICES

APPENDIX A GLOSSARY

APPENDIX B DIVISION AND DISTRICT STUDY COORDINATORS

APPENDIX C ACTIVE FILE LISTING OF SELECTED DATA BY STATE

NOTE: Appendix C is a separate document

APPENDIX A

GLOSSARY

ACRE FOOT: (AcFt) A measure of volume. An acre (43,560 square feet) of water, one foot deep (43,560 cubic feet).

AVERAGE ANNUAL INFLOW: The average yearly inflow into a reservoir for the historical period-of-record, measured in cubic-feet-per-second (cfs).

CAPABILITY: The maximum load which a generator, generating station, or other electrical apparatus can supply under specified conditions for a given period of time, without exceeding approved limits of temperature and stress.

CAPACITY: The load of which a generating unit, generating station, or other electrical apparatus is rated either by the user or manufacturers' name plate rating. Capacity is sometimes used synonymously with capability.

CONVENTIONAL HYDROELECTRIC POWERPLANT: An electric powerplant utilizing falling water from streamflow or reservoir storage as the primary motive force of electrical generation.

DEMAND: The rate at which electric energy is required.

ELECTRIC ENERGY/POWER: That which does or is capable of doing work; measured in terms of the work it is capable of doing, i.e., kilowatthours.

EXISTING FACILITIES: A dam or other existing water resource project which has created a hydraulic head suitable for generating hydroelectric power. Such facilities include, but are not limited to:

- Irrigation drop structures and canals.
- Existing dams without any provisions for installing power facilities
- Existing dams with minimum facilities for installing power in the future; i.e., intakes and penstocks usually have been installed.
- Existing dams with generating facilities and with additional space constructed for adding more generating equipment.
- Existing dams with generating equipment installed; however, a potential exists for additional power geneation.

FLOW-DURATION CURVE: A plot of streamflows ranked in descending order of magnitude, against time intervals, for a specific period.

FOSSIL FUEL: Refers to coal, oil, and natural gas.

GENERATOR: A machine which transforms mechanical energy from the prime mover (turbines) into electric energy.

GIGAWATT (GW): One million (1,000,000) kilowatts.

GIGAWATT-HOURS (GWH): One million kilowatt-hours.

HYDROELECTRIC POWER: Electrical energy derived from the energy of falling or flowing water.

INCREMENTAL DEVELOPMENT: The estimated hydroelectric power potential that can be added to an existing facility or water resource project.

INSTALLED CAPACITY: The total of the capacities as shown by the name plates of the generating units in a station or system.

KILOWATT-HOURS (kWH): The basic unit of electric energy equal to one kilowatt demand over a period of one hour, equal to 3,413 BTU.

LOAD: The amount of electric power delivered at a given point or points in a system.

L/D: An indication that the existing project is a dam with a navigation lock included; lock and dam.

MEGAWATTS (MW): A million watts or 1,000 kilowatts.

MEGAWATTS-HOURS (MW): 1,000,000 watt-hours or 1,000 kWH.

NAME PLATE RATING: The full-load, continuous operation rating of a generator, prime mover or other electrical equipment under specified conditions as designated by the manufacturer.

NET POWER HEAD: The difference between the elevations of the power pool and the tailwater less hydraulic and mechanical losses in the waterways.

NUCLEAR POWERPLANT: An electric generating plant utilizing the heat from a nuclear reactor as the source of power.

PENSTOCK: A conduit used to convey water to the turbine units of a hydroelectric plant.

<u>PLANT FACTOR:</u> The ratio of the average load on the plant for the period of time considered to the aggregate rating of all the generating equipment installed in the plant.

POTENTIAL HYDROELECTRIC POWER: The aggregate capacity capable of being developed by practical use of available streamflow and net powerhead.

<u>POWER HOUSE</u>: An electric generating station at which is located prime movers, electric generators, and auxiliary equipment for producing electric energy.

PUMPED STORAGE POWERPLANT: A hydropower plant where electric energy is generated for peak load use by utilizing water pumped into a storage reservoir, usually during off-peak hours.

SMALL-SCALE HYDROELECTRIC POWERPLANT: A hydroelectric generating station with less than 15 MW of installed capacity.

THERMAL GENERATING FACILITY: A generating plant which uses heat as the source of energy for the prime mover. Such plants may burn fossil fuels or use nuclear energy to produce the heat.

UNDEVELOPED SITES: No dam or other structures exists at this site to create the hydraulic head needed for generating hydroelectric energy. However, the topography of the site is favorable for developing a hydroelectric power project.

WATER RESOURCE PROJECT: A facility planned and constructed to obtain one or more uses or benefits from water. Purposes or uses may include navigation, flood control, hydroelectric power, land and water recreation, irrigation, water supply and water quality management.

<u>WATT</u>: The rate of energy transfer equivalent to one ampere under a pressure of one volt at unity power factor.

*

APPENDIX B

DIVISION AND DISTRICT STUDY COORDINATORS FOR NATIONAL HYDROPOWER STUDY

B.1 DIVISION STUDY COORDINATORS

U.S. Army Engineer Division Lower Miss. Valley ATTN: John C. Cole, LMVPD-F P.O. Box 80 Vicksburg, MS 39180 601-636-1311, X5827

U.S. Army Engineer Division
Missouri River
ATTN: Terry Schlaht, MRDPD
P.O. Box 103, Downtown Station
Omaha, NE 68101
402-221-7272

U.S. Army Engineer Division North Atlantic ATTN: James Daniels, NADPL 90 Church Street New York, NY 10007 212-264-7088

U.S. Army Engineer Division North Central ATTN: Joseph Raoul, Jr., NCDED-W 536 S. Clark Street Chicago, IL 60605 312-353-4595

U.S. Army Engineer Division
New England
ATTN: Harmon Guptill, NEDPL-H
424 Trapelo Road
Waltham, MA 02154
617-894-2400, X513

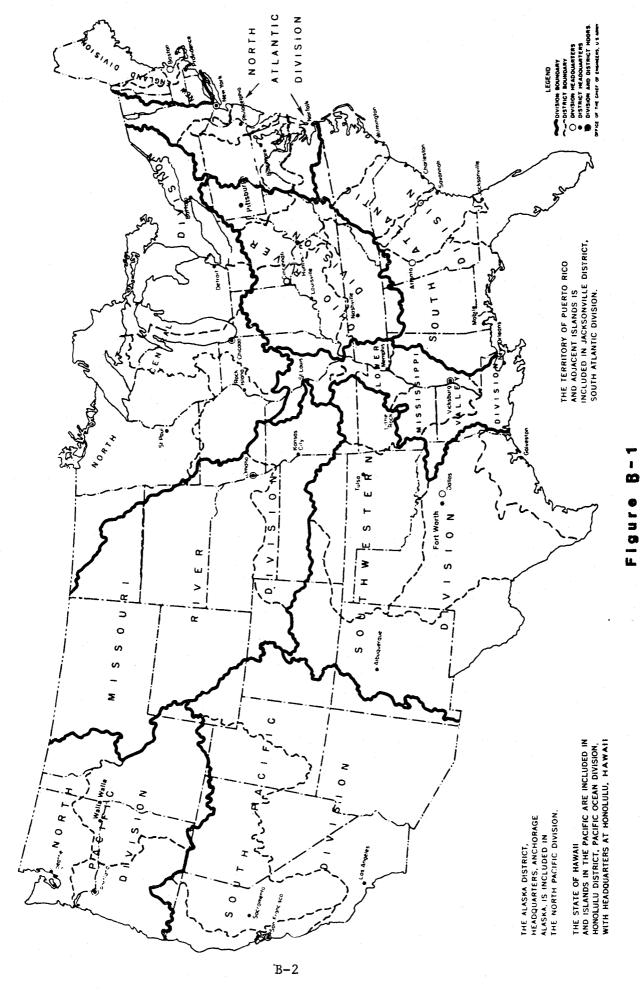
U.S. Army Engineer Division North Pacific ATTN: Tom White, NPDPL P.O. Box 2870 Portland, OR 97208 503-221-2088 U.S. Army Engineer Division
Ohio River
ATTN: Daniel E. Steiner, ORDPD-F
P.O. Box 1159
Cincinnati, OH 45201
513-684-3043

U.S. Army Engineer Division
Pacific Ocean
ATTN H. Paul Mizue, PODED-PP
Building 230
Ft. Shafter, HI 96858
808-438-9526 (5 hrs difference)

U. S. Army Engineer Division
South Atlantic
ATTN: Merlin Foreman, SADPD-P
510 Title Building
30 Pryor Street, S.W.
Atlanta, GA 30303
404-221-6739

U.S. Army Engineer Division South Pacific ATTN: Robert Parnell, SPDPL-R 630 Sansome Street, Room 1216 San Francisco, CA 94111 415-556-5709

U.S. Army Engineer Division
Southwestern
ATTN: Jerrell Sartor, SWDPL-M
Main Tower Building
1200 Main Street
Dallas, TX 75202
214-767-2310



BOUNDARIES DISTRICT AND DIVISION GINEERS GINEERS Z L 0 CORPS

B.2 DISTRICT STUDY COORDINATORS

- U.S. Army Engineer District Vicksburg ATTN: Hydro Study Rep P.O. Box 60 Vicksburg, MS 39180 601-636-6744
- U.S. Army Engineer District Memphis ATTN: Hydro Study Rep 668 Clifford Davis Federal Building Memphis, TN 38103 901-521-3233
- U.S. Army Engineer District New Orleans ATTN: Hydro Study Rep P.O. Box 60267 New Orleans, LA 70160 504-865-1121, x220
- U.S. Army Engineer District St. Louis ATTN: Hydro Study Rep 210 North 12th Street St. Louis, MO 63101 314-268-3385
- U.S. Army Engineer District Kansas City ATTN: Hydro Study Rep 700 Federal Building Kansas City, MO 64106 816-374-3062
- U.S. Army Engineer District Omaha ATTN: Hydro Study Rep 6014 USPO & Courthouse 215 North 17th Street Omaha, NE 68102 402-221-3900

- U.S. Army Engineer District Baltimore ATTN: Hydro Study Rep P.O. Box 1715 Baltimore, MD 21203 301-962-4713
- U.S. Army Engineer District
 New York
 ATTN: Hydro Study Rep
 26 Federal Plaza
 New York, NY 10007
 214-264-3567
- U.S. Army Engineer District Norfolk ATTN: Hydro Study Rep 803 Front Street Norfolk, VA 23510 804-446-3772
- U.S. Army Engineer District Philadelphia ATTN: Hydro Study Rep U.S. Custom House 2nd & Chestnut Street Philadelphia, PA 19106 215-597-4839
- U.S. Army Engineer District Buffalo ATTN: Hydro Study Rep 1776 Niagara Street Buffalo, NY 14207 716-876-5454, x2147
- U.S. Army Engineer District Chicago ATTN: Hydro Study Rep 219 South Dearborn Street Chicago, IL 60604 312-353-0789

U.S. Army Engineer District
Detroit
ATTN: Hydro Study Rep
P.O. Box 1027
Detroit, MI 48231
313-226-6791

U.S. Army Engineer District Rock Island ATTN: Hydro Study Rep Clock Tower Building Rock Island, IL 61201 309-788-6289

U.S. Army Engineer District St. Paul ATTN: Hydro Study Rep 1135 U.S. Post Office & Custom House St. Paul, MN 55101 612-725-7472

U.S. Army Engineer District Alaska ATTN: Hydro Study Rep P.O. Box 7002 Anchorage, AK 907-752-2114

U. S. Army Engineer District
 Portland
ATTN: Hydro Study Rep
P.O. Box 2946
Portland, OR 97208
503-221-6449

U.S. Army Engineer District Seattle ATTN: Hydro Study Rep P.O. Box C-3755 Seattle, WA 98124 206-764-3473

U.S. Army Engineer District Walla Walla ATTN: Hydro Study Rep Building 602 City-County Airport Walla Walla, WA 99362 509-525-5500 U.S. Army Engineer District Huntington ATTN: Hydro Study Rep P.O. Box 2127 Huntington, WV 25721 304-529-5639

U.S. Army Engineer District Louisville ATTN: Hydro Study Rep P.O. Box 59 Louisville, KY 40201 502-582-5643

U.S. Army Engineer District Nashville ATTN: Hydro Study Rep P.O. Box 1070 Nashville, TN 37202 615-251-7194

U.S. Army Engineer District Pittsburgh ATTN: Hydro Study Rep Federal Building 1000 Liberty Avenue Pittsburg, PA 15222 412-644-6849

U.S. Army Engineer District Charleston ATTN: Hydro Study Rep P.O. Box 919 Charleston, SC 29402 803-724-4236

U.S. Army Engineer District Jacksonville ATTN: Hydro Study Rep P.O. Box 4970 Jacksonville, FL 32201 904-791-3467

U.S. Army Engineer District Mobile ATTN: Hydro Study Rep P.O. Box 2288 Mobile, AL 36228 205-690-2781 U.S. Army Engineer District Savannah ATTN: Hydro Study Rep P.O. Box 889 Savannah, GA 31402 912-233-8822, X378

U.S. Army Engineer District Wilmington ATTN: Hydro Study Rep P.O. Box 1890 Wilmington, NC 28401 919-343-9971, x447

U.S. Army Engineer District Sacramento ATTN: Hydro Study Rep 650 Capital Mall Sacramento, CA 95814 916-440-3557

U.S. Army Engineer District Los Angeles ATTN: Hydro Study Rep P.O. Box 2711, Room 6562 Los Angeles, CA 90053 213-688-5441

U.S. Army Engineer District San Francisco Attn: Hydro Study Rep 211 Main Street San Francisco, CA 94105 415-556-8550 U.S. Army Engineer District Albuquerque ATTN: Hydro Study Rep P.O. Box 1580 Albuquerque, NM 87103 505-766-3225

U.S. Army Engineer District Galveston ATTN: Hydro Study Rep P.O. Box 1229 Galveston, TX 77553 713-763-6323

U.S. Army Engineer District Little Rock ATTN: Hydro Study Rep P.O. Box 867 Little Rock, AR 72203 501-378-5735

U.S. Army Engineer District Tulsa ATTN: Hydro Study Rep P.O. Box 61 Tulsa, OK 74102 918-581-7666

U.S. Army Engineer District Fort Worth ATTN: Hydro Study Rep P.O. Box 17300 Ft. Worth, TX 76102 817-334-2024

				-	
				- -	
		<u> </u>			

APPENDIX C

ACTIVE FILE LISTING OF SELECTED DATA
BY STATE

C.1 DESCRIPTION OF APPENDIX C

Appendix C contains information on all sites in the Form 2 active data file. Three tables are provided for each state. The first two tables contain summary information based only on those sites with an activity code of 2 or those which have a composite ranking number. These two tables indicate potential incremental capacity and energy for each state. The first summary table includes only those sites with an incremental capacity in the range of .05 to 15MW. The second summary table contains information on all sites with an incremental capacity greater than .05MW including those in the first table. The third table contains project data on all sites within the state that were retained in the active file. These sites are generally existing hydroelectric projects and undeveloped projects that have favorable incremental potential for development. Twenty-nine data items are displayed for each site showing pertinent physical and hydrologic characteristics as well as project type, status, purpose and estimated potential for development. Appendix C is separated by state alphabetically. The detailed information for each site within a state is also listed alphabetically by county, project name, and then if more than one alternative remains, site ID in increasing alphanumeric left to right character order.

C.2 COLUMN HEADINGS DESCRIPTION

This section contains information describing twenty-nine data items listed for each site in this Appendix. A more detailed description of each item is contained in Part 3 of Volume XIII entitled "Data Item Description For Form 2". Three lines are displayed for each site within each column. Column heading label descriptions follow:

Column	Line	Form 2 Item No.	Description
1	1	1	FM 2 ID NO - This is a 10 character identification number for each site in the inventory established during compilation of the Form 2 data base. The first two characters identify the state; the 3rd character identifies the type of project as designated in Form 2 item 84; the 4th, 5th and 6th characters identify the Corps of Engineers Division and District in which the site is located; and the last 4 characters are a unique 4 digit number within a Corp District.
1	2	8	FM 1 ID NO - This is a 7 character identification number for each site in the inventory established during the initial development of the Form 1 data base. Most numbers for existing dams are identical to the National Inventory of Dams data base. The first two digits identify the State and the last 5 are site unique within a given State.
1	3	3	ACTV CODE - The left margin number designates the activity status in the Form 2 inventory. A site that is active (considered to have economic and non-economic merit for further study) should have a value of "2". The following codes were used:
			 New site in the data base and other sites where capacity and B/C values have not been computed.
			 Sites that were active in stage 2 but screened out prior to stage 3, 1st data collection. These sites have B/C ratio
			greater than 1.0 and a capacity greater than 50 KW and less than 1000 KW based on Form 1 computations.
			2. = Currently active sites. (See note below)
			3. = Sites that were individually screened out by the Districts, prior to the completion
			of capacity and B/C computations in Stage 2.
			4. = Sites screened out in stage 2 that have B/C ratio less than 1.0 or capacity less
			than 50 KW based on Form 1 computations. 5. = Sites screened out in stage 3 - 1st screening.
			These sites have a capacity less
			that 1000 KW and a B/C ratio less than 1.0 for developed sites and a B/C ratio less
			than 0.7 for undeveloped sites, based on
			Form 2 data and computations.

- 6. = Sites screened out in stage 3 2nd screening. These sites passed the stage 3 1st screening but failed the screening on adverse environmental social, and/or institutional impacts.
- 7. = Reserved for future screening.
- 8. = Reserved for future screening.
- 9. = Sites with file status (Item 4) equal to ICT.

NOTE: The sites with a 2. in Item 3 during the 1st data collection of stage 3 are sites that have a B/C ratio greater than or equal to 1.0 and a total potential capacity that is greater than or equal to 1000 KW, based on stage 2 computations using Form 1 data. Other sites chosen by the Districts for Form 2 study also can have a 2. in Item 3.

- 1 3 4 FILE STATUS The file status code indicates the type of analysis performed for the site.

 Status will be determined by the program but may be changed by the user if necessary. The following types of status codes are allowed:
 - (1) NWR = New record that indicates site is yet to be analyzed for power-potential.
 - (2) EDT = Site contained editing errors prior to determination of type of analysis desired(either flow-duration or sequential).
 - (3) DFA = Site unable to complete default (fixed) analysis due to data errors.
 - (4) DRA = Site unable to complete flow-duration analysis due to data errors.
 - (5) 5AN = Site unable to complete sequential analysis due to data errors.
 - (6) DFC = Site successfully processed using default (fixed) analysis technique.
 - (7) DRC = Site successfully processed using flow-duration analysis technique.
 - (8) 5IN = Site that has completed development of HEC-5 input for sequential analysis.
 - (9) 5CP = Site successfully processed using sequential analysis technique.
 - (10) ICT = Site considered inactive but saved in inventory for possible future processing.
 - (11) JNK = Site which should be deleted from the data base.

Column	Line	Form 2 Item No.	Description
			NOTE: Districts should give a status of NWR to new sites that are entered into the file. Also, if data errors that effect computations are discovered for sites that have been processed, the District should change the status to NWR when they correct the other data items.
1	3	65	DEP CODE - The right margin letter identifies whether the site depends on the development of some other site or in lieu of some alternative site. The preferred site to a group of 2 or more alternative sites should be designated with a "D" and the others with an "E".
			 D = Dependent, alternative site, which is chosen by District for inclusion in summary tables. E = Dependent, alternative site, excluded from summaries. I = Independent site. S = Dependent, part of a system.
2	1	2	PROJECT NAME - Common name by which project is known. Only the first 29 characters of a potential 40 character name is printed.
2 A	2	40	PRIMARY CO The county name in which the project or site is principally located. Those sites which are on a stream which forms the county line are designated at the discretion of the study manager.
2В	2	31	NAME OF STREAM - Name of stream on which project is located.
2	3	60	OWNER - Name of owner, if known. Various abbreviated symbols are also used e.g., DAEN xyz represents the Army Corps of Engineers with xyz being the Division and District code (see Form 2, Item 60 for list of standard abbreviations).
3	1	36	LATITUDE - the degrees, minutes and tenths of minutes locating the project latitude.
3	2	37	LONGITUDE - the degrees, minutes and tenths of minutes locating the project longitude.

Column	Line	Form 2 Item No.	Description
3	3	126	DR. AREA - The drainage area expressed in square miles contributing to runoff at the project site.
4	. 1	62	PROJ. PURP Designation of authorized project use or purposes.
			C = Flood Control N = Navigation D = Debris Control O = Other H = Hydroelectric P = Farmpond I = Irrigation R = Recreation S = Water supply
4	2	63	STATUS - Two letter designation of project status.
			DM = General Design Memo in progress FP = Feasibility Study in progress IS = Identified site OP = Project in operation PA = Project authorized SA = Authorized for study SI = Study inactive SP = STudy proposed UC = Project under construction
4	3	128	AVE. Q - Average annual flow in c.f.s. A negative value indicates that the estimate was computed from a gage selected by the computer program rather than direct input by field engineer.
5	1	81	DAM HT Physical height of dam from streambed to top of dam (in feet).
5	2	104	MX. STOR Maximum storage (in acre-feet) in the reservoir; associated with the hydraulic height of dam.
5	3	11	PWR. HD Weighted powerhead. This can be based on flow-duration computation or transferred from Item 105.
6	1	300	EXIST. CAP The sum of the name plate capacities of all producing generators at an existing powerplant (in kW).

Column	Line	Form 2 Item No.	Description
6	2	310	INC. CAP An estimate of the incremental capacity (in kW) determined by maximizing the economic parameter used (usually net benefits).
6	3	290	TOT. CAP The sum of the existing capacity and incremental capacity (in kW).
7	1	301	EXIST. ENRG Amount of average annual energy generation at an existing power project (in (MWH)
7	2	311	INC. ENERGY - Amount of average annual energy generated by the incremental capacity in(MWH).
7	3	291	TOT. ENERGY - Sum of existing and incremental average annual energy for the project (in MWH).
8	1	318	ANUL. COST - Total annual cost (in \$1,000) of producing the incremental energy.
8	2	318/311	ENERGY COST - Cost (in mills per kilowatt hour or \$/MWH) of producing the designated incremental energy.
9A	1	26	ERC. ECONOMIC - Project ranking number in its Electric Reliability Council region based on economic parameters.
			1000 series - study in near-term period (by the year 1990)
			2000 series - study in long-term period (beyond the year 1990)
9B	2	27	ERC. NON-ECONOMIC - Project ranking is similar to the economic ranking described above and is based on non-economic parameters (environmental, sociability, marketability, other).
9C	3	28	ERC. COMPOSITE - The composite project ranking is similar to the economic ranking described above except that both economic and non-economic parameters are considered. The smaller the ranking number the higher the study priority.

OEVELOPMENT S A L L ALABAMA ADDITIONAL <u>.</u> Z Z STATE er er CAPACITY POTENTIAL H H z H Y D R O E L E C T R I C T V D I C V E d

### ### ### ### ### ### ### ### ### ##	在中国中国中国中国中国中国市政党的国际中国中国市政党中国中国市政党的政党的国际政党中国市政党的政党的国际政党的国际政党的国际政党的国际政党的国际政党的国际公司,17.000000000000000000000000000000000000	不是,我们的一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个	**************************************	2				1000000000000000000000000000000000000	COLUMN 4 # TOTAL NEW POTE SEDANS CAPCTY # SOLM OF CAPACITIES STO SATES STATES WITH OF CAPACITIES
1	*	* * * * * *	* * * * * * * F & Q & (x		* **		* * * * * * * * * * * * * * * * * * *	
N	*		**************************************			k +O 1			1 A P P P P P P P P P P P P P P P P P P
	* * * * * * * * * * * * * * * * * * * *		*	**************************************			* •0	0.00 a	.
# # # # # # # # # # # # # # # # # # #	* 1	*	* * * * * *					0	
# # # # # # # # # # # # # # # # # # #	* 10 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0	* 12	* H Z O + * X H	4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		0		# 400 H	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* * * * * * * * * * * * * * * * * * *	**	* * * * * * * * * * * * * * * * * * *	* # # # # # # # # # # # # # # # # # # #	0	* * * * * * * * * *			in N	
* * *MZO* O * Q * O * C * Q * - nn* * * * *W - * * * * * * * * * * * * * * * * * *	***		* 4 0 4 4	: :	k 190 k k	k * (n) k		6 N	CITY AT
* * *MZO* O * Q * O * C * Q * - nn* * * * *W - * * * * * * * * * * * * * * * * * *	**************************************	* 35 * 5 * 6 * 6 * 8	* * * * * * * * * * * * * * * * * * *		* C		o	C	N
* * *MZO* O * Q * O * C * Q * - nn* * * * *W - * * * * * * * * * * * * * * * * * *	***	* 3	* * * * * * * * * * * * * * * * * * *	င	#	#####################################	K C		2
* + + - + + + + + + + + + + + + + +	* * * * *	* * *	* * * * * * * * * * * * * * * * * * *		₡ .	*	*	k (U)	
* HZ	*	0 C P P P P P P P P P P P P P P P P P P)31 HZ	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	K	* * * * * * * * * * * * * * * * * * *	

ADDITIONAL 0X 01 1L POTENTIAL PHYSICAL

R R G ≺

Z Z

CAPACITY

HYDROELECTRIC

I ki ≪ C	E3 <				1	4 4 4	H H H	₩ 4 4 4	NCREMENTAL	CAPACITY	SNAX	80 4 81 4	1 1 1 1		4	4	
L I H Z	- 4 J S	k k k k		* X * U	*			K 25.	K .		x	X X X X X X X X X X X X X X X X X X X	k k			# #	
- خانتاند	**** 331 W2 W4+ W4+	* * * * * * * * * * * * * * * * * * *	* H W W W W W W W W W W W W W W W W W W	* * * * * * * * * * * * * * * * * * *	* F Z O +	* * * * * * * * * * * * * * * * * * *	* - 2 1	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	**************************************	* Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	* 10 × 1 × 10 × 10 × 10 × 10 × 10 × 10 ×
έo. ·	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*	* OMV * OMV * * * * * *				k (0 ⊶ k (0 ⊶ k M)	* * * * * * * * * * * * * * * * * * *							* 90 3 4 80 4 80 4 80 4 80 4 80 8 8 8 8 8 8 8
* 0 -	* DON * DON * DON * * * * * * *	*	* * * * * * * * * * * * * * * * * * *	* ·	* HOO H		K M34 K K K K K K K K K K K K K K K K K K K	K	K	* * * * * * * * * * * * * * * * * * *	2 0 2 0 8 0 8 0 8 0 8 0 8 0 8 0 8 0		* 300 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *	# + + + + + + + + + + + + + + + + + + +	**************************************	* + + + + + + + + + + + + + + + + + + +
	* 20m * 242 * 20m * 600					2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	* * * * * *		* * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 # # #	000	* ************************************	**************************************	* ** * * * * * * * * * * * * * * * * *		* ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
* C	* ZOM * * ZAZ *	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	*		* * * * * * * * * * * * * * * * * * *	* * * * * * COO * CO	* * * * * * * * * * * * * * * * * * *	200 200 200 200 200 200 200 200 200 200	000 CO			* OU O O O O O O O O O O O O O O O O O O	* * * * * * * * * * * * * * * * * * *		# M
* <	* * * * * * * * * * * * * * * * * * *	*	# # # # # # # # # # # # # # # # # # #	K	* * * * * * * * * * * * * * * * * * *	000	* * * * * * * * * * * * * * * * * * *	* MU * MU * MU * MU	00 00 00 00 00 00 00 00 00 00 00 00 00	100 M 00 11 10 10 10 10 10 10 10 10 10 10 10	4 W W W W W W W W W W W W W W W W W W W	000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	K
4 4 4	COLUMN CO	* 11 11 11 11 11 11 11 11 11 11 11 11 11	* * * * * * * * * * * * * * * * * * *	**************************************	TIAL AT	F	# 0 # A # T # T			A 10 1	POTEN NERGIES	S AT S POR G	VEL XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	CSU ##	A WARRANG TO COLCANA MARKA COLCANA COL	AS PADOR)	K 100

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.19 PAGE 1 OF TABLE 1

# DON # # DON # # DON # # # # # # # # # # # # # # # # # # #	. * * * *	*****		* * * * * *	* * * * * *	* * * * * *			# 0 # 0 # 0 #
* 2C24C1	·	•	•	0	•	6	•	o.	ののので " で " で " で " で " で " で " で " で " で " で " で " で " で " で " で " で "
	k k k k C k k k k	ċ	, c	ċ	¢	e ·	č	•	C #
######################################		•	•		•	•	•		
** * * * * * * * * * * * * * * * * * * *	* O 4 * * * * * * *	****	20	F-82	cc *****			80 Pr	
######################################	K	200 120 120 120 120 120 120 120 120 120	139.5 50.16	4050 40 808				305.	0071. 000.000
* * * Z Z I I I I		* * * * * * * * * * * * * * * * * * *	27 27 27 27 27 27 27 27 27 27 27 27 27 2	60 80 9	210700 A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	22 55 55 55 55 55 55 55 55 55 55 55 55 5	10 15 15 15 15 15 15 15 15 15 15 15 15 15		M 90000 M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * * * * * * * * * * * * * * * * *	**************************************	7126	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	M M M M M M M M M M M M M M M M M M M	72900	67750	177000	0 0 0 0 0 0 0	0000
****** *******	* * * * * * O O O * O O	156.0 # 393000 # 119.8 #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	167.0 # 517000 # 153.1 #	104.0 109001 4 % % % % % % % % % % % % % % % % % % %	4 000000000000000000000000000000000000	2000 2000 2000 2000 2000 2000 2000 200	000	190800
* 0 ~	在	4 C C C C C C C C C C C C C C C C C C C	20 0.00 t 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	TO T	100 T C C C C C C C C C C C C C C C C C C	T T T T T T T T T T T T T T T T T T T	**************************************	
**************************************	* 00 N	000		00 in	3.1 6.00 6.00	0 in in	7.80 7.80	004	5.3 7.7 600
LAHITUDE DNGHTUDE DR.AREA (D M.M) (SG.MI)	# # # # # # # # # # # # # # # # # # #	24 - 10 20 - 10 20 - 10	10 to	2 to	ar so m so m so	2 K	10 10 0 10 0 1	M IV.	M 60 4
* * * * * * * * * * * * * * * * * * *	* * * * *	****	****	* * * * * * X 21. C1.		****	* * * * *	# # # # # U	M * * * * *
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	********	LOCUST FOR	AKE BLACKBURN BTRMINGHAM	LOCUST FOR	TR COOSA RIVE	TR COOSA CO	C008A	WAXAHATCH	AKE TOMBIGBEE
**************************************	**************************************	BL DINTSVILLE BLDINT	INLAND LAKE BLUHNT CITY OF BIRMIN	SMITHS FORD BLOINT	HENRY RESERVOTE CALHOUN ALABAMA POWER C	WEISS RESERVOIR CHEROKEE ALARAMA POWER C	A LAY LAKE A CHILTON A ALABAMA POWER	NAXAHATCHEE CHILTON	A ALCSAMOO19 & COFFEEVILLE LAKE
# # # # # # # # # # # # # # # # # # #	*****	ALESAMOON3 # ALUONO7 # S DRC #	ALCSAMODOS * ALC1167 * S DRC *	# ALESAMOOD2 # ALUOOOE # 6 DRC #	ALISAMOD11 * AL01416 * S DFC *	ALISAMOO16 * ALO1415 * 5 DFC *	ALISAMODIB A ALO1418 A	ALUSAMOS17 + ALUSOS2 + 5 DRC +	ALCSAMOO19 A ALO1431 A

DATE 15 FEB 81. NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.19 PAGE 2 OF TABLE 1

A CANARA MANARA MARA MARA MARA MANARA	0	1000	•	1000		1000	•	0	0
	# • # • # •	c		ċ	•	ċ ·	ċ	ċ	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	* . * C * * * * *	0	* * * * *	****	*****		° *****	* * * * *	
	# # # # # # # # # # # # # # # # # # #	20 20 20 20 20 20 20 20 20 20 20 20 20 2	3280.20 54.70	655 87. 87. 88. 88.	1650.9 251.19	183 41 186 41	66		3546.7
		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 176900 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			10000		* 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# U U U U U U U U U U U U U U U U U U U	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7867	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0 9 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C O O	C & 9 M M M M	17679
	0 0 0		120.0	106°0 177000 189°0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * OO O	# # # # 0 0 # 0 0 # m m m	本 本 本 本 の O sp の O sp の O sp の O sp の D sp o D o D o D o D o D o D o D o D o D o D	10 W 0 V 4 W 0 O V W 0 V	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# 5		## ## ## ## ## ##	II & II	120 N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	I I I I I I I I I I I I I I I I I I I	# # # # # # # # # # # # # # # # # # #	7. 00 00 00 00 00 00 00 00 00 00 00 00 00	M M M M M M M M M M M M M M M M M M M	本本本ののは、
	E E E E E E E E E E E E E E E E E E E	31 21 21 86 86 06 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * O * O * O * O * O * O * O *	32 46.9 8 86 30.0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 88 88 88 88 88 88 88 88 88 88 88 88	* * * * * 0 * * * * 0 * * * * 0 * * * * 0 * * * *	2000 2000 2000 2000 2000	# 10°0 LO
k Σ *. «	**************************************	PEARIVER * *	A HATCHET CREEK A	COOSA COMPANY ***	WENGUFKA CREEK	CONECUH RIVER*	CONECUH RIVER*	MULBERRY FORK*	7 C 4
	OAKFUSKE CLENURE TALLAPOUS	PEA RIVER DAN Confree Al mater ser	HATCHET COUSA	LAKE MITCHELL COOSA ALABAMA POWER	. WEGGUFKA CDDSA	GANTT LAKE COVINGTON CONECUM ALABAMA ELECTRIC COOP	POINT A LAKE COVINGTON ALA ELEC COOP	ARKADELEHTA CULHMAN	* ALESAMOD33 * DORSEY CREEK * ALUGGOS * CULLMAN MULBERRY * S D DRC *
######################################	**************************************	* ALMSAMO722 * ALMSAMO722 * ALMSAMO722 * ALMSAMO724 * ALMSAMO722 * ALM	# AL48AMO029 # # ALUO011 # # 5 DRC #	ALMOAMOOWIR ALCIARA * ALCIARA *	* AL4SAMO030 * * ALUOA19 * * S DRC * *	* ALISAMO032 * ALO1414 * A	* ALISAMO718 * ALO1413 * * 5 DRA * *	* AL4SAMO034 * * ALUO017 * * 5 DRC *	# AL6SAMOD33 # AL00003 # AL00003 # # AL00003 # # 57 DRC # 57 DRC #

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,23 PATE 1

TO DESCRIPTION OF THE PROPERTY		****	*****	2000	1000	1000	* * * * * *	000 N	* * * * •
	K	• • • • • • • • • • • • • • • • • • • •	ċ	• 0	•	•	• c	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
NEW COOK		1 100 11		* * * * * ****************************	000 000 000 000 000 000 000 000 000 00	* * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1016 2016 2006 4 4 4 4 4	* * * f
* * * * * * * * * * * * * * * * * * *		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		80 80 50 60 50 80 50 80 80 50 80 80 50 80 80 50 80 80 50 80 80 50 80 50 50 80 50 80 50 50 80 50 50 80 50 50 50 50 50 50 50 50 50 50 50 50 50	10 10 10 10 10 10 10 10 10 10 10 10 10 1	110011 110011 110011	* * * * * O O O In in 	* * * * * * * * * * * * * * * * * * *	411718 *
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		100000 100000 1000000 10000000	11 10 10 10 10 10 10 10 10 10 10 10 10 1	# # # # ##############################	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * · O .0 .0 O .0 O .0	100000	1300001
A A A A A A A A A A A A A A A A A A A	# # # # # # # # # # # # # # # # # # #	# # # # # 0000 000 000 000 000 000	1622000 1622000 1119 4 0 • 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	40 M	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1111000	10 80 40 10 10 10 10 10 10 10 10 10 10 10 10 10	10 80 4 4 80 60 6 6 60 6 6 60 6 6 7 8 8 8 8 8	113.0 *
2 E E E E E E E E E E E E E E E E E E E	# # # # # # # # # # # # # # # # # # #	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	** CRO ** CRO ** ** OPO ** ** ** ** ** ** ** ** ** ** ** ** **	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * *
TANATIONE TANATI	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 31 37 5 * 85 3.8
-	######################################	JORDAN LAKE CONSA ELMMRE CONSA ALABAMA POWER CO	LAKE MARTIN Elmore Alabama Power Co	WALLAMATCHEE ELMNRE TALLAPOOSA RI	BEAR CK RESPROIN Franklin Tva	CEDAR CK. RESERVOIR FRANKLIN CEDAR CK.	LITTLE BEAR CK. RESERV. Franklin Iva	WARRIDR LAKE HALE DAEN SAM	LAKF EUFAULA Henry
THE STATES OF TH	######################################	ALISAMODAL X ALGIARES R	ALISAMO721 * * ALO1425 * * ALO1425 * *	AL4SAMOO38 * AL10021 * P DRC *	ALCORNOCO3 * ALCORNOCO3 * ALCO1409 *	ALCORNOONS * ALCORNOONS * ALCORNOONS *	ALCHRNOGONA XX ALCHRNOGONA XX A ALCHROS XX A ALCHRNOGONA XX	ALCSAMOO42 * ALO1429 * ALO	* ALISAMOO43 * ALISAMOO43 * ALISAMOO43 *

DATE 15 FEB 81 NATIONAL HYDRDELECTRIC POWER STUDY TIME 01.18.23

TO SET OF THE SET OF T	* 000	1000	ċ	o	•	•	o	•	2000
AND SECTION SE	* * * * * * * * * * * * * * * * * * *	· 6	ċ	Č	• 0	ċ	¢ ,	ċ	0
* T	* * 0 * 4 4 4 4	•		•	, .		• .	•	
ANUL GOOT ANUL GOOT ENERGY COOT (1000 B)	* * * * * * * * * * * * * * * * * * *	133271 43800	2653 152,78	20 00 00 00 00 00 00 00 00 00 00 00 00 0	c .o	CO	1000000	00	2256.1 22.66.1
*ZEE		M IN OO M IN	* * * * * * * * * * * * * * * * * * *	* * * * * * CMM CO	1710 1710 1710 1710 1710 1710 1710 1710	* * * * * * * * * * * * * * * * * * *	126600		100000
#	000 A M	**************************************	20 C C C C C C C C C C C C C C C C C C C	C M M M M 44 4 M M	356400 356400	629800 0 0 629800	46147	000089	0 0 0 0 0 0 m
* 4 * 6 4 4 4 4		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	80 40 00 00 0 00 00	1071000	1347 641000 441000 444 6444 6444	1 M 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	120000 x
**************************************		8 00 8 11 9 11 9 9 1	# # # # # # # # # # # # # # # # # # #	Z H OP NO P NO P NO P NO P NO P NO P NO P	NC IN CONTRACTOR SECONDS	NON TO BE SEED OF THE SEED OF	E S S S S S S S S S S S S S S S S S S S	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *
* H B B B B B B B B B B B B B B B B B B		M & & & & & & & & & & & & & & & & & & &	2	83 42 8 8 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	84 22 44 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8	24 47 47 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M	88 19 88 88 88 88 88 88 88 88 88 88 88 88 88	M
* #	ANDURAN LAKE ANDURAN ANDURAN ANDURAN LAKE CLAMA LOCHER ANDURAN LAKE CLAMA LAKE CARE CARE CARE CARE CARE CARE CARE CAR	VILLAGE CREEK* STEEL CO. *	VALLEY CREEK *	LOCUST FORK	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	######################################	A MANA DIVERSANA SANA SANA SANA SANA SANA SANA SANA	BLACK WARRIORS
######################################	######################################	BAYVIEW LAKE Jepferson T. C. I., US	DAK GROVE JEFFERSON	SAYAR SERVICE	WHEELER LAKE LAUDERDALE TVA	MILSON LAKE LAUDERDALE TVA	SUGAR CREEK LIMESTONE TVA	JUNES BLUFF LAKE LOWNDES A DAEN SAM	* ALCSAMOSOO * DEMOPOLIS LOD * ALO1430 * MARRINGO BLACK WARR * P. OFC I * DAEN SAN
***	# # # # # # # # # # # # # # # # # # #	* ALCSAMO047 * ALC1256 * * ALC1256 * * * ALC1256 * * * ALC1256 * * * ALC12	* AL4SAMOD46 * * ALUO013 * * 5 DRC * *	ALASAMODAS * ALUONOS * ALUONOS * ALUONOS *	* ALIGRNOON7 * ALIGRNOON7 * ALOI411 * 5 OFC I *	* ALIORNOOOS * ALO1410 * F. G. DFC I *	* ALEGRNOO10 * ALUON23 * A ALUON23 * *	* ALCSAMOOS2 * ALCSAMOOS2 * ALC1434 * * 5. DFC *	本 ALCSAMOSOO 中本 ALCSAMOSOO 中本 ALCOAGO: 本本 ALCOAGO: 本本 ALCOAGO: 本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本

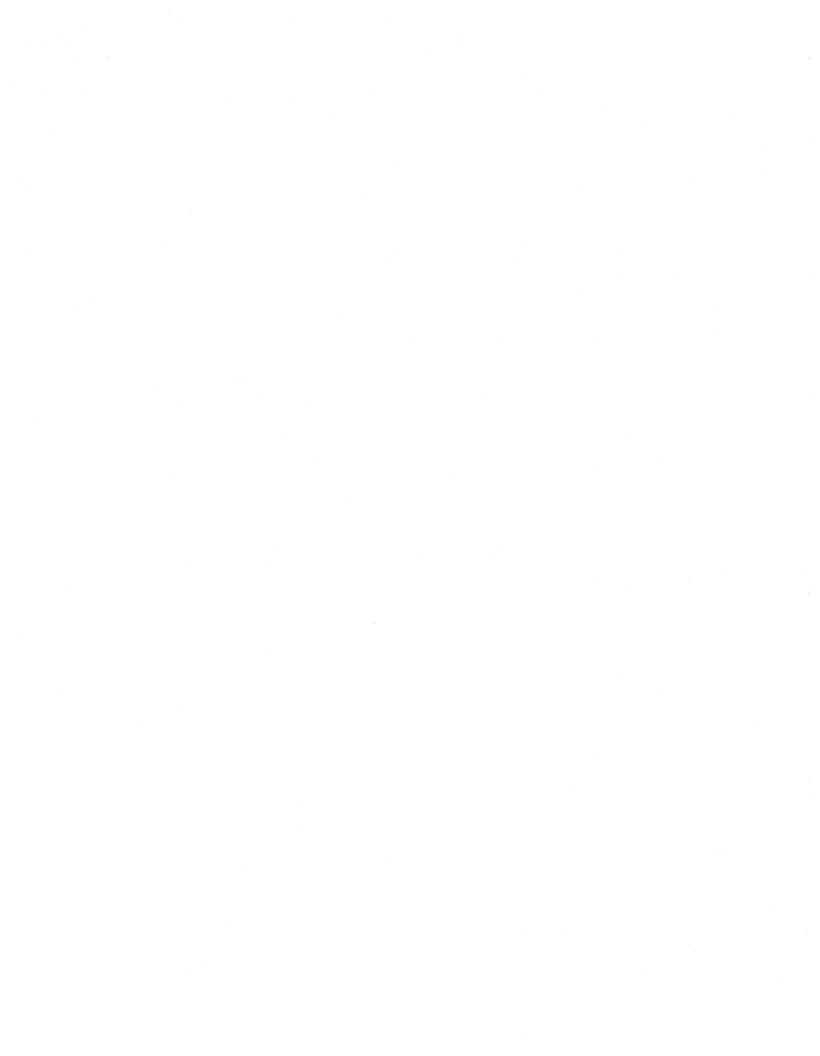
DATE 15 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.23 PAGE 5 OF TABLE 1

с ш и х з с	****	ONGITUDE OR.AREA (O.M.R.) (O.M.M.) (SO.M.)	* * * * *	*****	* # C C C		*HOC. ENERGY * ENERGY * CASE *	(1000 8)	* * * * *	* CENTER TO A CONTROL OF CONTROL	NO CONTRACTOR NO
**************************************	* * * * 1	* CO	* * * * * * * *	* * * * * * * * * * * * * * * * * * *	######################################	**************************************	**************************************	**************************************	# * * * * * *	# C # # # # C	****
ALABAMA RI	02 M N N N N N N N N N N N N N N N N N N	31 36.9 87 33.0 21520	****	2 * * * * * * * * * * * * * * * * * * *	96 96 96 96 96 96 96 96 96 96 96 96 96 9	113000	0.00 0.00 0.00 0.00 0.00 0.00 0.00	M 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	• • • * * * * *	• 6	000
TALLAPOOSA	****	33 0 0 0 86 0 0 0 0 80 80 0	****	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	60 W 40 W	****	•	****
TALLAPOOSA	****	33 15 8 85 37 0	* * * * *	LC 2090 0 0 * * * *	137°0 * 431000 * 121°0 * *	000000000000000000000000000000000000000	1694	0.0	****		
~	TALLAPOOSA RIX E	33 0.0 86 0.0 1615		TH	M 1600 11600 11600 11600 11600 11600	11 12 13 13 13 13 13 13 13 13 13 13 13 13 13	4.4 6.40 0.40 0.40	67 67 69 64 64 64 64 64 64 64 64 64 64 64 64 64	• • • • * * * * *	•	•
	****	33 25 8 86 20 1 7770	****	HCR OP 110971.9*	642200 64220 64300 6430 6440	12 8 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 0 0 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			·	•
TALLAPOOSA	# # # # # # #	34 0.0 89 0.0 4637	* * * * *	2 H 00 H 00 H 00 H 00 H 00 H 00 H 00 H 0	W V V V V V V V V V V V V V V V V V V V	UN 110 120 120 120 120 120 120 120 120 120	647	80 60 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 8		•	. •
TALLAPONSA	****	33 0.0 86 0.0 8183	****	24 24 24 24 24 36 36 44 44 44 44 44 44 44 44 44 44 44 44 44	# # # # # # # # # # # # # # # # # # #	447000000000000000000000000000000000000	147640	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	• • • • • • •	•	•
IR TALLAPDOSA	****	88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	****	# # # # # # # # # # # # # # # # # # #	100°0 1100°0 11000 1000 100°0	0 0 0 in	0 0 0 0 0 0 0 0	60	0	• 0	•

CATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME O1.18.23 PAGE 6 OF TABLE 1

**************************************		*****	****	* * * * *		00000	*****		
# HONE W W W W W W W W W W W W W W W W W W W	# * C		**	°°	°c	° 0	•	° c	° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °
# 100 (# 3	收	00	**** 00	# # # # #	60 00 00 00 00 00 00 00 00 00 00 00 00 0	22 20 20 20 20 20 20 20 20 20 20 20 20 2	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00	10 10 10 10 10 10 10 10 10 10 10 10 10 1
* * Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	######################################	149604 149604 149604 1444	167422 * 167422 * *	# # # M 9 100 M	* * * * * * * OOO	10 10 10 10 10 10 10 10 10 10 10 10 10 1	18717 18717 18717 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * C C C C C C C C C C C C C C C C	WW
#	## ## ## ## ## ## ## ## ## ## ## ## ##	4 0000 0 000 0 0000 0 0000	4 4 4 0 0 0 0 m	# # # # # O O O IN IA IA		15000 15000 15000 15000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # O O SI Y IS #	
* * * * * * * * * * * * * * * * * * *		117990	* * * * * * * * * * * * * * * * * * *	* * * * * 000 000 M M M m M	NO 000 00 00 00 00 00 00 00 00 00 00 00 0	2 mm	* * * * * O O O O O M O M	* * * * * * OOD *	# # # # 000 m 00 m
**	***	***	* * * * *	***	* * * * *	* * * *	****	* * * * *	
# 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************	NHR DP -7017.9	NHR DP 6591.7	8CR 0.00-00-0	H, S, R, C IS * 593.8	N N O O O O O O O O O O O O O O O O O O	T T & C & C & C & C & C & C & C & C & C	100 100 1105 1005 1005 1005	0.00 mm. a.
	* * * * * * * * * * * * * * * * * * *	33 15.1 * NHR 87 26.9 * OP 4248 * +7017.	34 27.4 4 NHR 87 21.3 4 GP 8990 4 66591	0.609	. M	33 12.6 * N R 87 35.1 * OP 4830 * = 1979-	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	75 55 6	33 46.7 * 0 87 2.6 * 0P 127 * =235.6
**************************************	* * * * * * * * * * * * * * * * * * *	4 15.1 * NHR 4 26.9 * OP 4248 * +7017.	21.4 A NHR 7 21.4 A DP 4990 A 16591	M.c. W SCR M.c. V SCR 4 10 4 4 00 4 4 10 6 6 0 9	4 0 0 0 P	112.6 * * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	W 56.27 # HCR 944 # OP 81.955.9.	3 48.7 # 0 12.6 # 0P

**************************************	**	*	* C	4	*	*	*0	**	#	*	*	# #
**************************************	" 化学者权	ن	DNON	POSI	ANK	RANK	Z V W	***			1000	***
**************************************	****	IMON	DANDO	ADO :	2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	NCE	ENCE	****		•		****
* FATURE * INC. ** PRIMARY CO. ** NAME OF STREAM * LATITUDE * PATUS ** PAM HI ** EXIST.** CAP. ** STRICT.** PAM HI ** EXIST.** CAP. ** STRICT.** CAP. ** STR	****	T RCC	N C	3	EQUEN	SEGUE	(SED!	****		C		****
**************************************	****	2. W. ★	**	*	<u>s</u>)*	ت ∗	*	*	*	*	*	***
**************************************	****	COST	COS		(8)	(III		****	6.9	387		***
* LATITUDE & PATA STANKER STREAM & LATITUDE & PATA STANKER & MAKE STREAM & LONG & LON	****	NUC.	NERGY		(1000	18		****	380	AL PS		***
**************************************	***	RG*A	BYAB	* \ 9	*	*	*	****	*	*	*	***
**************************************	***	ST.EN	RNER	FINE	ZEE.	TX X	CISE	****	48346	11754	60101	****
**************************************	KRKK	HXW.	* INC	*101	∵ *	∵ *	÷	***		4	*	-
**************************************	***	AP.	AP	6	_	_	_	****	2000	1307	3307	***
**************************************	***	IST.	ڻ.		3	X	3	***	7	ě	m	***
**************************************	K K K K	* 5	2 +	₽ *	*	*	*	***	*	*	*	***
**************************************		F	108.	£	7	FT)	7	***	78.0	1800	37.2	***
**************************************	***	DAM	S.XE	CK K G	L	CAC	ن	***	_	33		***
**************************************	***	URP.	S⊃	9	_	•	FS) 4	****	•	•	93,34	****
# # # # # # # # # # # # # # # # # # #	化水水化	10.J.P	STAT	AVE			၁	****	Ω I	9	320	****
**************************************	***	# 61 #	#	*	*	#	*	*	*	*	*	***
* FM * 2 10 NO * PROJECT NAME OF STREAM * LATE OF STREAM * LATE OF STREAM * LONG * PROJECT NAME OF STREAM * LONG * PROJECT NAME OF STREAM * LONG * PROFE * CODE CODE * COD	教育教育	TIUDI	Trop	AREA	£.	£.	CI.	***	6.1	24.0	0010	***
**************************************	水水水水水	* LAT	PLUNG	20	0	9	080 4	****	300	1 87	nu +	***
######################################	****	-				-	-	***	LAKE	IVER	_	***
**************************************	***		ST 50					****	<u>ر</u> ۲	SK AMI		***
* THE PARTY SERVES AND	***	NAME	AR O	æ				***	DANNE	ALAB!		***
* THE COLOUR AND A PRICE AND A	***	FOE	Q Z	EN S				***	-11			***
* * * * * * * * * * * * * * * * * * *	***	230	Cu.					****	E I		¥	***
# FM 2 10 NO * FM 2 10 NO * FM 4 10 NO * FM 4 10 NO * FM 5 10 NO * FM	放放电池		IMAR					***	LI IA	CCOX	FNS	***
######################################	****	×	*	×	*	*	*	****	- M	*	¥ ()	***
* * * * * * * * * * * * * * * * * * *	****	0 2 2	0	OEP	CODE	لينا	S =	****	0083	135	Ų	***
*********** *************************	****	5 7	1) <u> </u>	JDE	FIL	STAT	***	ISAH.	ALO1	C	***
	***	*	*) ¥	ນ *	*	*	***	¬∀ *	*	€	***



SCALE SMALL ADDITIONAL > 0 0 U 3 F Z V STATE er E CAPACITY POTENTIAL tii T z HYDROELECTRIC PHYSICAL

: W < C	* * * 1	***************************************	4 4 4 4	•	**************************************	1 1 1 1	POTENTIAL	4	INCREMENTAL	CAPAC	Z 1	ø2 4	4 4 4 4				
₩ 2	* * * * ·		ME GO	3 X X X X X X X X X X X X X X X X X X X		K K K K	k B k 34 k \$5	* X		K K E K	10 MM **			e e e e e e e e e e e e e e e e e e e	* *	* * * * * * * * * * * * * * * * * * *	e e e e e e e e e e e e e e e e e e e
մեսե⊢ + 1 1	**** ****	* F F & ! * 00 0 4 ! * H Z U !	* * # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * C C C C C C C C C C C C C C C C	* * LO Z L	* * * * * * * * * * * * * * * * * * *	# O F O 6	* * * * * * * * * * * * * * * * * * *	* E E E E E E E E E E E E E E E E E E E	* * * * C	* O F O *	10144 10144 10024 10024 10044	* X M :	* H Z U * W N	# # # # # # # # # # # # # # # # # # #	# H D # H D H D H D H D H D H D H D H D
r 0	* * * * * * * * * * * * * * * * * * *	k k			*							# # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		
# 0 # 4	* * * * * * * * * * * * * * * * * * *				*							# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# # # # # # # # 00 # 00 # C # # #	T		* 0 * * 0 * *
6			0			* ***** * **** * *** * ***			K 10	* * * * *				x 933 d x 931 e-t	* ***		* ~~
001.4	**************************************	K 000 1	K - OP - F - S - S - S - S - S - S - S - S - S	K	*	11 70 00 44 44 44 44 44 44 44 44 44 44 44 44 44	* * * * *	k -+ + - +		0		7	K M 1	* ***	k 10:05 k Mi k	0.0 ×	K 00 M) e
OTAL.		K 0.00 1	K 40 40 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		r 2 → 1 × 0 4 × 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0	00° 00° 00° 00° 00° 00° 00° 00° 00° 00°		6 00 00 00 00 00 00 00 00 00 00 00 00 00	M M M M M M M M M M M M M M M M M M M	****	* * * * * * * * * * * * * * * * * * *	k ⊶∩ù 1	* * * * * * * * * * * * * * * * * * *	K 4 K K K K K K K K K K K K K K K K K K	x 23 m x 20 m x	# # # # # # # # # # # # # # # # # # #	K O'M B K M BUN K M K K O'B
	NW. CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	E # 61 81	(A)	INSTALLED CAPACITY A POTENTIAL CAPACITY A	. ⊢	EX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	K		M	11 00 X 10 0 X 1	A PER A A A A A A A A A A A A A A A A A A A	FOR GR	CAPACITY GIVEN HEAD	COUNTY NAME OF THE COUNTY NAME O	F COLUMN E CMEGAW	4	k ()

ADDITIONAL er er POTENTIAL

كخ	
E	
X	
-	
_8	
ų	
>	
i.i	
2	
	~
-	×
	60
r	≪
 U	ب
z	*
u u	7
	4
3	
Z	
∢	Pa 2
	<u>141</u>
-	∢ .
-	j
	97)
د	
∢ .	ш
1	1
∢	-
ن	
C)	z
H	-
DE.	
-	
ပ	
Ų.	
_	
s)	

* * * * *	* * * * * * * * * * * * * * * * * * *	** ** ** ** ** ** ** ** ** ** ** ** **	* 我们	* *	· 在 · · · · · · · · · · · · · · · · · ·	京	POTENTIAL	42	* 1V -	* * C Y Y	* 02	* 00	**	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	*
HZ D	* * * * * < Z C (- < J O) - 3 J < F (* * * *	* * * * * * * * * * * * * * * * * * *	* * 3	* * *	**************************************	EV TO THE	*	* * * * * * * * * * * * * * * * * * *		g	# # # # # # # # # # # # # # # # # # #	K X X X X X X X X X X X X X X X X X X X	k k 30 -	不死 化		***************************************	在 記 在 在
	****** D 3 I H 2 H > W ***	EXHOR* INDIA INDIA		-₹	* F Z O :	* * * C	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * C. i	######################################	M D C W C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* T Q M	# H B H B H B H B H B H B H B H B H B H
* 6	* * * * * * * * * * * * * * * * * * *							000	* * * * * * * * * * * * * * * * * * *		k 6 4						* 000 * 00
	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *					000			000	000	000				000	000
E 6.	* * * * * * * * * * * * * * * * * * *	K 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	K # # # # # # # # # # # # # # # # # # #				* * * * * 0 0 0	000	000	000	000	NO -	***** ***** *****	K K K C C C C C C C C C C C C C C C C C	- 57 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	0.00 0.00 0.00 0.00	
K CO14	* * * * * * * * * * * * * * * * * * *		* MOO		*		E	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**** **** **** **** **** **** **** **** ****	* # # # # # # * (1) → M) * (2) → M)	* * * * * O C C	* * * * * * * * * * * * * O M * * O M	00000000000000000000000000000000000000	K K K K K K K K K C		K W W W W W W W W W W W W W W W W W W W	
A A A A A A A A A A A A A A A A A A A	* * * * * * * * * * * * * * * * * * *	# 20 # 20 # 000 # 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	# 100 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	1090	**************************************			# # # # # # # # # # # # # # # # # # #	M W W W W W W W W W W W W W W W W W W W	K K	* * * * * * * * * * * * * * * * * * *	8 M M M M M M M M M M M M M M M M M M M	K WW
**************************************	*		X X X X X X X X X X X X X X X X X X X	EXISTING HYDROPOWEL UNDEVELOPED POTENTIAL ************************************	* * * * * * * * * * * * * * * * * * *				1				17 A A C C C C C C C C C C C C C C C C C	2	COCUM COCUM F G G G B B B B B B B B B B B B B B B B	041-	r Mi — ii k — ak

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,53

######################################	A SANTANA SANT	Ξ	TARE TO THE TARE THE	# # # # # # # # # # # # # # # # # # #	A CE 0 * PER 100 * A CE 0 *	AND CKED CKED CKED CKED CKED CKED CKED CKE		1000 6) **	######################################
H	* EAGLE RIVER * ANCHORAGE * UNDEVELOPED *	EAGLE RIVER *	661 140 0 140 0 140 0 140 1 140 1 14	# # 0 ° 6 7 51 51 51 51 51 51 51 51 51 51 51 51 51	-	300		r • (U	
AKANPAOO49	* WHITTIER TIDAL * ANCHURAGE * UNDEVELOPED *	COOK INLET	149 9°5 *	# # # # # # # # # # # # # # # # # # #	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	****	c ·6	****
* AKTNPA0005 * AKU0274 * 5 DFC I	* ELIZA LAKE * ANGOON * UNDEVELOPED	ELIZA CREEK **	57 12.0 * 134 19.9 * 6 * 6 * *		# # # # 00.0000 10.000000000000000000000000000	1700 1700	* * * * * * * * * * * * * * * * * * *	893. 119.69	***
* AKÉNPADOOÉ * AKUO291 * 5 DFC I	* HASSELBORG CREEK * ANGRON H * UNDEVELDPED	EK HASSELRORG CRR	134 M6 9 4 4 100 0 4 4 4 100 0 4 4 4 4 4 4 4 4 4	1. O. W. P. 4. C. O.	W W W 00 00 00 00 00 00 00 00 00 00 00 0	16000	77000 77 77000 4 4 4 4 4 4 4 4 4 4 4 4 4	11040 143,38	***
AKGNPAOOOG AKGNPAOOOG AKGNPAOOOG	* JIMAS LAKE * ANGRON * UNDEVELRES	LIERS CREEK	57 33°9 ** 134 18°9 ** ** 134 18°9 ** ** ** ** ** ** ** ** ** ** ** ** **	* * * C * O P T	11 11 11 11 11 11 11 11 11 11 11 11 11	12000 12000 12000		1382.7 67.284	****
* AK6NPADOO7 * AKHIG301 * 6 DFC I	* KATHLEEN CREEK * ANGOON * UNDEVEL OPEO *	KATHLEEN CREES	134 42.9 # 134 42.9 #	100 174.04 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M M M M M M M M M M M M M M M M M M M	10000	* * * * * * * * * * * * * * * * * * *	1974°0 41°188	***
* AKTNPANDOS * AKUNTANDOS * S DFC I	* LAKE PLORENCE * ANGRON * UNDEVELOPED	FLORENCE CREM	4 137 48 1 4 4 37 9 4 4 4 37 9 9 4 4 4 37 9 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11 SO	* * * * * · · · · · · · · · · · · · · ·	0 0 0 0 0 0 0	****	1000 000 000 000 000 000 000 000 000 00	****
* AKENPARETO * AKHOROS * S DFC I	** THAVER CREEK ** ANGOON ** UNDEVELDPED	THAVER CREEK	134 31.0 ***	2.1 2.2 2.2 2.2 2.2 2.3 2.3 2.3 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3	M460000 M4600000 M46000000 M460000000000	16000	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5057.4 77.659	****
# AK7NPA0009 # AK10368 # 5 DFC I	A AKTNDADORG & AMUNA RIVER * AKTOSBO & BARDNAN SL AMINA RIVER & * BARDORD & BARDLOPED A WINA RIVER & * 50 DFC I & UNDEVELOPED **	A SALVE A NUMBER OF SERVICE AND SERVICE AN	* COOO * A * A * A * A * A * A * A * A * A	在		**************************************	* * * * * * * * * * * * * * * * * * *	1000 to 1000 t	***************************************

DATE 14 FER 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,53

		****	****	* * * *	****	****	* * * * *	****	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 1
TARKKANANANANANANANANANANANANANANANANANAN	医 医红 医			1017					·
	*	* * * * *	****	****	* * * * *	****	* * * * *	****	****
	K K K K K K K K K K K K K K K K K K K	17756 69,906	60.00 .00.00 .00.00 .00.00	7431.4 56.728	5896.3 73.981	3279.2	441. 4	CO	
K (11) → 1 →	7 16000 H	10 10 10 10 10 10 10 10 10 10 10 10 10 1	# 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本	1 M10000 M1 M10000 M1 M10000 M1 M1 M10000 M1	79700	1120000	* * * * * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M M M M M M M M M M M M M M M M M M M	2 0 0 0 7 10 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
44a		0000 0000 0000 0000 0000	24000 0000 0000	30000 30000 30000	188	00000	114	O O O	00000 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
**************************************		114000001 1140000001 114900000	* * * * *	716000 716000 126000 1264 1264 1364 1364 1364 1364 1364 1364 1364 13	368000 169000 169000	* * * * 0.00 o o o o o o o o o o o o o o o o o o		20 00 00 00 00 00 00 00 00 00 00 00 00 0	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
#	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	I.S. 1500.000.1	H 0000	T	20 20 20 20 20 20 20 20 20 20 20 20 20 2	E 005	on al.	100.0 x 100.0 11
**************************************	# # O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	68 54 60 11 11 11 11 11 11 11 11 11 11 11 11 11	58 N 26 0 1 1 65 N 1 1 65 N 1 1 65 N 1 1 1 65 N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	60 26.4 4 4 54 54 4 4 4 4 4 4 4 4 4 4 4 4 4 4	59 1.1 156 3.0 530	158 14.0 158 13.9	58 9.0 156 48.0 1280	156 16.9 158 24.8	60 10 0 158 26 0 286
* I	* * * * * * . W * . H	COLVILLE RIVE*	XUMPUX XUMPUX XUMPUX XII XII XII XII XII XII XII XII XII X	KISARALIK RIVA ************************************	ALAGNAK RIVER*	A MEDICAN COMM	EGGEGIK AIVER*	HANDIAN CORE	ALLEN RIVER
**************************************	**************************************	KUCHER CREEK BARROWIN. SL UNDEVELOPED	KUKPUK BARDOW=N. SL UNDEVELOPED	KTSARALIK RIVER Bethël Hndeveloped	ALAGNAK RIVER BRISTOL BAY UNDEVELOPED	AMERICAN CREEK BRISTOL BAY UNDEVELOPED	BECHARDF BRISTOL BAY UNDEVELOPED	CHIGNIK BRISTOL BAY ALASKA PKRS.	* AK7NPAOO16 * CHIKUMINUK * AKUOO92 * BRISTOL BAY ALLEN RIVER * 5 DFC I * UNDFVELOPED
4 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	AK6NPA001111 AKENPA0011111 AKEN 0390 AKE 0 OFC II AKEN 0400 AKEN 0	AKÉNPAOGOS * AKHOSYS * 5 DFC I *	AKENPAGGIZ # AKUGG99 # 2 OFC I #	AKÉNPACO13 * AKUCO89 * S DFC I *	AK7NPAO014 * AKH0090 * 5 OFC I *	AK6NPADO15 * AKU0091 * S DFC I *	AKHNPA2601 * AKOOOS1 * 6 DFC I *	AK7NPA0016 * AKU0092 * 5

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,53.

	**************************************	# 1024 # 1023 # 1023 #	****	****	****	****	****	***	
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	18 8 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4	7418.1 70.648	S1103	86	3862.0 46.771	8554.6 36.873	4804. 141.32	60.38.5
			105000	* * * * *	000	* * * * *	* * * * * * OOOOOOOOOOOOOOOOOOOOOOOOOO	WW 40000 440000	
* * * * * * * * * * * * * * * * * * *		000 24 44 000	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	144 144000 144000	11000	17000	0000	7000	200000 200000
*****		**** * 00 * 00 * 00 * 00 * 00 * 00 * 00	020 M	800°0 1118°0 8 * * * *	N 0	0 0 N	2000 20 00 00 00 00 00 00 00 00 00 00 00		
7 . •	* * * * * * * * * * * * * * * * * * *	* * * C * C * C * C * C * C * C * C * C	T	* * * 0 * 0 9 6 50 1	M # # # # # # # # # # # # # # # # # # #	TH 90 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	IN TROPE	T S S S S S S S S S S S S S S S S S S S	# # # # # # # # # # # # # # # # # # #
* 07 * 02	* I A * *								
**	**************************************	00 00 00 00 00 00 00 00 00 00 00 00 00	80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100 100 100 100 100 100 100 100 100 100	100 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	200 00 00 00 00 00 00 00 00 00 00 00 00	100 00 00 00 00 00 00 00 00 00 00 00 00	150 (66.9 #
**************************************	**************************************	45 45 45 45 45 45 45 45 45 45 45 45 45 4	A CONOSKI RIVA MUSINA RUSANO CONOSKI RIVA MUSINA RUSANO RU	50 W W 00 00 00 00 00 00 00 00 00 00 00 0	2 2 4 0 4 4	· 🕶	55	SO EU SO EU	***
**************************************	**************************************	# # 150 450.9 # # # 150 450.9 # # # 150 450.0 # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	RIVER # 60 288.0	**************************************	A 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * *	CC (CC)

DATE 14 FEB 81 NATIONAL HYDRÜELECTRIC POWER STUDY TIME 22.28.54 PAGE 4 OF TABLE 1

*****	x * * * *	****	****	* * * * *	****	***	***	***	****
######################################	1000 1000 1010 1010						1024		
* × 50	# (1) # (2) # (3)						1002		
*	****	e e e e e e	* * * * * M 07	3 M 	· * * * * *	*****	# # # # # # # # # # # #	07	40 PM
**************************************	#	# # # # # # # # # # # # # # # # # # #	20 00 00 00 00 00 00 00 00 00 00 00 00 0	16041 39. 31	127.75	M 42 0.69 0.47	M 4 4 9 9 9	17046 30,714	10 M 10 M 10 M 10 M
######################################	000	1370000	473000 473000	411000	1.0000	0000 000 000 000 000 000 000 000 000 0	24 40 00 00 00 00 00 00 00 00 00 00 00 00	25 00 00 00 00 00 00 00 00 00 00 00 00 00	3000 8000 818
k ka.a. • k≪≪a.		313000 813000 813000	108000	8 8 8 8 8 8 8 8	44 000 000	13000	18000	127000 127000	0000
*****	# # # # # 000	* * * * * ·			* * * * *	000	24 4 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	000 000 000	W 7 0 W
**************************************	K 000 P	120.0 0 113.6	170.0 0 123.8	38 %	26.0 0 202.7	. 4	45.0	0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•
		13 20167,08	T ON	II SH SH SH SH SH SH SH SH SH SH SH SH SH	TH OF STREET	2 H & A & A & A & A & A & A & A & A & A &	* * * \$ C * O 77 T T	# # C " C T OF III	# # # # # # # # # # # # # # # # # # #
	* * * * * * O * O * O	* * * * * * ·	****	0000	0.00	****	5 W W CO	0.0	* * * *
* * * * * * * * * * * * * * * * * * *	00000000000000000000000000000000000000	59 13.0 156 26.0 6440	58 36.9 156 29.0 2720	59 45. 154 49. 331	60 27.0 158 51.0	59 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	59 58. 154 33	59 56.0 138 11.9	57 36.9 157 0.9
* 15.	* * * * * * *	* * * * * CO Z H E	* * * * * @ W >>	* * * * * D D	# # # # # # # # #	* * * * *	**** 	* * * * *	* * * * * * * * * * * * * * * * * * *
* P	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	KVICHAK	2 大 内 万	M M M M	TIKCHIK	NDNUTANUK	TAZIMINA	NUVAKUK	UGASHIK
* -	**************************************	LAKE ILIAMNA BRISTOL BAY Undeveloped	NAKNEK BRISTOL BAY UNDEVELOPED	NEWHALEN BRISTOL BAY Undeveloped	NISHLIK LAKE BRISTOL BAY UNDEVELOPED	NONVÍANUK LAKE BRISTOL BAY UNDEVELOPED	TAZIMINA Bristol Bay Undeveloped	TIKCHIK BRISTOL BAY UNDEVELOPED	UGASHIK LAKE BRISTOL BAY UNDEVELOPED
**************************************	* AK-N-20-10-10-10-10-10-10-10-10-10-10-10-10-10	AK6NPAOO27 ** AKUO105 ** 6 DFC I **	* AK6NPA0038 * AK010107 * AK010107 * *	* AK7NPA0028 * AK7NPA0028 * AKU0108 * AKU0108 * AK	* AKTNPADOR9 * AKU0109 * * 5 DFC D * *	* AK7NPADOS1 * AK7NPADOS1 * AKU0111 * AKU0111 * * 5 DFC I * *	** AKTNPANOSE ** AKTOILE * AKTOILE *	* AKTNPADOSO * AKTNPADOSO * AKTUO110 * * S OFC D * *	* AKTNPADO34 * UGASHIK LAKE * 17 36.9 * AKUO114 * BRISTOL BAY UGASHIK RIVER* 157 0.9 * 5 DFC I * UNDEVELOPED

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,54

# DH 0	* * * * *	*****	****	****	****	****	***	****	***
REMARKA MANAMA ANAMA MANAMA MANAMAMA MANAMA	# #								
**************************************	化氢氢化氢 医乳蛋白 医乳蛋白 医乳蛋白 医乳蛋白 医乳蛋白 医乳蛋白 医乳蛋白 医乳蛋白								
# FOX & WA # E U O O Z # C Z O O Z U O O # C Z O O D O O # U O D O O O # U O D O O O # C D O O O	# *								
	*								v
****	* * * * * *	****	****	****	****	****	****	****	* * * *
* F 60 61 61 61 61 61 61 61 61 61 61 61 61 61	* * * * * * * * * * * * * * * * * * *	# 59 10 CV	4236.7 108.63	5821.4	11321	24548 47.88	9027.4 104.96	75056 580.58	56965 6.374
**************************************	* # # # # # # # # # # # # # # # # # # #	3745 55.25 56.35	100 100 100	80 80 50 80 50 80	11	120	902 104	580	58 16.
RENTER SERVICE		****		****	****	****	****	****	* * * *
K & & & & & & & & & & & & & & & & & & &	K W W	onn	0000 M M M M M M M M M M M M M M M M M	000	000	000	0 86000 86000	000	000
		4 W G W G	60 PM	70000	156000 156000	166000 166000	9 9	131000	3600000
E WITE	k k *						·		
x	0000	000	00008	000	088	000	088	000	000
XXX	# # 40-40 # CO	10000	2 O	15000 15000	32000	35000 35000	18000	27000	00000
KAN H- KAN CO KAN CO	R k k								~ ~
	*	****	****	****	****	* * * * *	****	****	* * * *
* * * * * * * * * * * * * * * * * * *	K	M 4	30°0% 0°0% 8°6%	300.0 0 271.7	550.0 536.4	510 0.01 0.00 0.00 0.00 0.00	190.0 0 165.8	306.6	250°0 0°0 0°0 0°0 0°0
**************************************	× ~ ~	N 4	N 99	50	EU NU	51.	5 4	125	2 4 2 4
* XO. ******	* * * * *	****	* * * * *	* * * * *	****	****	* * * * *	* * * * *	* * * *
# # # # # # # # # # # # # # # # # # #		45 US 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	* * * * *	*****	* * * 0.044	0°8	373.0	S 38676 0.0
**************************************	* 60 * III	. Ω	ı e	π ω	. s	Σ ₩	ı H	π ↔	Z H
* C	*	****	* * * * *	* * * * *	****	* * * * *	*****		* * * *
KUU A C C C C C C C C C C C C C C C C C C	0 0	₽ ₽ ₽	18.9 46.2 100	ວຸ• N±	56.0 8.0 1.4.8	0 58.0 43 41.9	0.00	4.00 100 000 000	4 4 4 9 4 9 4 9 4 9 9 9 9 9 9 9 9 9 9 9
CONTRACTOR OF STATES OF ST	# # # # # # # # # # # # # # # # # # #	in i	60 18 158 4	144	60 56 144	04 N 84	10 14 0 4 0 6	142 1	61 4 144 4 215
******	* # * * *	* * * * *				0 di 0 m 2 m		* * * * *	* * * *
* * * * * * * * * * * * * * * * * * *	# OY #	OZ.	2 2 3 3 4 4 5	****	* * * * * * * * * * * * * * * * * * *	* * * * * E Z Z E	* * * * * œ ::::::::::::::::::::::::::::	(A) (A) (A)	RIVER
# 02. # ≱— # 00	* C. * > . * M.	R I VER				111 212 20	OX OX	2 2 2 3	α 1
# # F # # F	* X X		TIKCHIK	ITTLE LITTLE	7 3 3	Ж.	A THE CONTRACT OF THE CONTRACT	SANKO	D.
K A M	* *	UKAK	H	LITTLE	an mr an	11. Z	N M M M M M M M M M M M M M M M M M M M	۵ ک	SULA
* Z Z W * Z Z W * L Z Z * U I Z * U I Z * D I I	44************************************	≻ ≏	> □	er e	C A D	> U C B 4 B 4	2	用 ス A	Z O C
* C C	* 8 6	> 0 π α σ Α π	A X 6 0 0 P E E	3 × 0	3 1 0 1 2 0 1 2 0	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	8 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	A N O O	0 + C
* }* * & * &	84 * * 840 * *	K PJ STOL EVEL	E VE	BRENNER RIVE CORDOVA-MCCA UNDEVELOPED	NNEF DOVE EVEL	MAN E	BREMNER RIVER Corduva-moca Undeveldped	∨ 02 000/ EVEL	CLEAVE (PFNINSULA) CORDOVA+MCCA COP UNDEVELOPED
	* = 40 ==	UKAK RIVER Bristol bay Undeveloped	UPNUK LAKE Bristol bay Undeveloped	8 C Z	BREWNER RIVER COROUVA-MCCA UNDEVELOPED	BREMNER RIVER CORDOVA=MCCA UNDEVELDPED	BRE COR UND	CANYON CREEK CORPODYA-MCCA UNDEVELOPED	200 200 200 200 200
* * * * * * * * * *	****	***	* * * * *	****	*** * *	****	* * * * *	****	* * * *
* C C C W C C C C C C C C C C C C C C C	* UN	00 m	1003 1116	400 kg	7004 2400	PA004 U0401 DFC	4004 4009 7:	A004 0405 FC	6 NP A 0 0 4 A K U 0 4 1 5 D F C
THE TO DE A PART OF A PART	######################################	AKTNPADO37 AKU0519 S DFC I	AKTNPACO36 AKUC116 5 DFC I	K6NPAOO42 Akuo399 DFC I	AKENPADO43 Akugado 6 dec i	AK6NPADO44 Akuo401 5 DFC I	KENPADO45 Akudage DFC I	AKTNPACOA6 AKUO405 S DFC I	AKENPAGG47 Akug415 6 DFC I
* * * * * * * *	A A A A A A A A A A A A A A A A A A A	4 N	4 r	4 M	4 C	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * *	* * * *
								_	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,54

**************************************	在在水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水	# M - 600091 # 00055	4 0.00 4 0 4 0 4 0 0 4 0 0 4 0 0 0 0 0 0	4 0000	4 00000 4 000000 4 0000000 4 0000000 4 000000	0 # 7771.9 # 0 # 0 # 0 # 0 # 0 # 0 # 0 # 0 # 0 #	# # # # # # # # # # # # # # # # # # #	# WWGGG # 0 # 0 00044 # V140-VG # 000762 # 000044	# ONOUNT # O # O ONOUNT # O # O ONOUNT # O W O O ONOUNT # O O ONOUNT # O O O O O O O O O O O O O O O O O O
# # # # # # # # # # # # # # # # # # #	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************	* * 0°0 * * * 0°0 * * * 0°0 * * * * 0°0 * * * *	510.0.0 * * 676.0 * * 6969.0 * *	# # # # # # # # # # # # # # # # # # #	######################################	# 0 0 0 7 7 # # 0 8 7 M 6 # 0 8 7 M 6 # 0 8 7 M 6	11000	# 0 0 0 0 M # 0 0 0 0 0 M # 0 0 0 0 0 M # 0 0 0 0
**************************************		11 18 18 18 18 18 18 18 18 18 18 18 18 1	IL IL	18 18 676	13 13 1311	I.M.	118	III SON SI	T
**************************************		61 R7 60 144 3 9	* 60 37.8 * 145 37.8 *	142	61 32.9 145 27.9 570	* * * * * * * * * * * * * * * * * * *	161 140 140 140 140 140 140 140 140 140 14	144 44 0 1 1 1 1 4 4 4 4 0 1 1 1 1 1 1 1	ER * 14 13.9 * 1420 * 1420 *
* 20	A M M M M M M M M M M M M M M M M M M M	HANAGTA BIVE	HUMPBACK CREE	KIAGNA RIVER	KLUTINA RIVER	KUSKULANA RIV	CAN) LOWE RIVER	COPPER RIVER	
- 数	**CORDUVA+MCCA CRATER LA * UNDEVELOPED	HANAGTA LAKE CORDOVA-MCCA UNDEVELOPED	HUMPBACK CREEK CORNOVA-MCCA. UNDEVELOPED	KIAGNA RIVER CORDOVA-MCCA UNDEVELOPED	KLUTINA CORDOVA-MCCA UNDFVELOPED	KUSKULANA RIVER CORDOA-MCCA UNDEVELOPED	LOWE (KEYSTONE CORDOVA-MCCA)	MILLION DOLLAR CORDOVA-MCCA UNDEVELOPED	F NIZINA F CORDOVA-HCCA NIZINA RIV F UNDEVELOPED
* * * * * * * * * * * * * * * * * * *	A AKANDAOOGU 4 A AKANDAOOGU 4 A AKUO113	* * * * * * * * * * * * * * * * * * *	* AKTNPADO26 * AKTNPADO26 * AKUD104 * * * * * * * * * * * * * * * * * * *	* AK7NPA0050 * AK10451 * AKU0451 * * S DFC I *	* AK7NPA0051 * AK10454 * AK10454 * *	A AKTINPADOSIZ * A AKUQ4S6 * S DFC I *	* AK6NPA0053 * AKU0461 * 6 DFC I * *	* AKONPADOS4 * AKONPADOS4 * AKU0470 * * * * * * * * * * * * * * * * * * *	* AKTNPACOUS * AKUCA74 * 6 DFC I *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,54

* NF VS:	4		****			****			
A CASE A CONTROLL ORDERS A SANTANA SAN	# 0 H								
KUNC MON	1022 1022 1003 1003 1003								# #
* Z Q Q Z W = C X Q Z W = C X Q Z W = C X Q Z W = C X	# Q								# 4
* OF GEO.	* 0								***************************************
***	* * * * *	****	* * * * *	****	****	****	****	****	***
* CO CE	1 - M 1 O 4 K	* RU * RU	0 4 0 4 3 1 1 3 1	6.4	- 6		3,141		20 40 40 40 40 40 40 40 40 40 40 40 40 40
* · · · · · · · · · · · · · · · · · · ·	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	66.53 56.53	36.4	6 88 88 76 8	40 40 40 40 40 40 40 40	0 to	60 ST	7456 8 128 55	1885.5
KZZ C	使 就 在								*
*******		000	000	000	000	000	688	000	000
S S S S S S S S S S S S S S S S S S S		50000 50000	66000	00026	127000	105000 105000	191000	5000 5000 5000	0000
ENGLUES:	k k				wit w#	***			# #
R 大电子大电台 R 文电子大电台	****	* * * * *	****	*****	****	*****	* * * * *	* * * * *.	***
######################################		0 10500 10500	14000	40004 00004 0000	26000	00	4 4 0 0	000 8000 8000	
* 0333 * XXX		ää	च्ये व्य	च प	N W	NN	4 4		***
XXO XXO									· *
*****	****	****	* * * * *	****	****	****	004	000	0000
10125			10.0 2000 360.0	85.0 0 1005.9	0.0 Kg & 7.00 Kg	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	406000 506000 5060000 4444	6 R	4 10 0 0 4 4 10 0 0 0 4 4 10 0 0 0 10 4 10 10 10 10 10 10 10 10 10 10 10 10 10
X X X X X X X X X X X X X X X X X X X		→ W 4	M	2	ar ar	44 W	4. O fu	in in	37 A
* * * * * * * * * * * * * * * * * * * *	* * * *	****	****	****	****	****	****	* * * * *	***
ka (3 🔿		٠	. 9	င့	ç	Ç	ç	Ç	0 1
**************************************	* * * * * * * * * * * * * * * * * * *	160.0*	* * * * * M 80 N	M M 1 0 0 1	291.0	830.0	366.0	304.0	* * * * * * * * * * * * * * * * * * *
R 2	* 5	180 160	TIL C. M. C.	II 80 WWII.00	18 18 18 18 18 18 19 19 10 10	# # # # # # # # # # # # # # # # # # #	I SO	и 80 м 90 м	O 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4
REO O O O O O O O O O O O O O O O O O O	* * * * * * * * * * * * * * * * * * *	160	50 50 51	****	***	9 2	*****	* * * * * * EN W	O 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
CO OO	* * * * * * * * * * * * * * * * * * *	* 0 * 1 * 0 * 1 * 0 * 1 * 0 * 1 * 0 * 1 * 0 * 1 * 0 * 0	######################################	****	***	# # # # #	* * * * * * * * * * * * * * * * * * *	# * * * * *	0.00
######################################	* * * * * * * * * * * * * * * * * * *	36.9 * T	# 6.0W W # 6.0W W # 6.1	1. 26.0 44. 11.0 10.5 x x 10.0 10.5 x x x x x x x x x x x x x x x x x x x	150.0 * T. C.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 0 0 0 M M M M M M M M M M M M M M M M	0.00 0.00 0.00 1.04 1.04 1.04 1.04 1.04	4 0 4 0 4 10 4 10 14 0 4 14 0 4 14 0 4 14 0 4 14 0 4 14 0 14 14 0
# [N = M = M = M = M = M = M = M = M = M =	# # # # # # # # # # # # # # # # # # #	M6.4 # H M1.4 # WT	######################################	0 * 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# 60 UG 0 # II # 144 10 0 # 10 # 100 # 10	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	# * * * * *	4 CO 400 0 4 T 4 CO 400 0 4 T 4 CO 400 0 4 T 4 CO
**************************************	**************************************	* 60 36.9 * T * 450 31.4 * T * 450 31.4 * 3.50 4 * 4.50 4	# # 00 M M M M M M M M M M M M M M M M M	* * * * * * * * * * * * * * * * * * *	VER* 144 10s0 * 16 * 500 890 * 16 * 500 8 8 8091	TX * * * * * * * * * * * * * * * * * * *	* 61 30.0 * T VER* 145 30.0 * SP * 255 * 356	0.00 0.00 0.00 1.04 1.04 1.04 1.04 1.04	1
**************************************	**************************************	* 60 36.9 * T * 450 31.4 * T * 450 31.4 * 3.50 4 * 4.50 4	# # 00 M M M M M M M M M M M M M M M M M	* * * * * * * * * * * * * * * * * * *	A 60 M9.0 * I RIVER* 144 10.0 * 16 126 * 2291	THE CONTRACT OF THE CONTRACT O	A 1 WO . C A II WI . C C A II WO . C A II	0.00 0.00 0.00 1.04 1.04 1.04 1.04 1.04	1
**************************************	**************************************	CREEK * 145 W1.4 * ST	CREEK * 145 WO.90 * I	21VER * 144 260 X X X 100 X X X X X X X X X X X X X X	A 60 M9.0 * I RIVER* 144 10.0 * 16 126 * 2291	THE CONTRACT OF THE CONTRACT O	A 1 WO . C A II WI . C C A II WO . C A II	# # # # # # # # # # # # # # # # # # #	1
**************************************	**************************************	* 60 36.9 * T * 450 31.4 * T * 450 31.4 * 3.50 4 * 4.50 4	# # 00 M M M M M M M M M M M M M M M M M	* * * * * * * * * * * * * * * * * * *	# 60 89.0 * H EMNER RIVER* 144 10.0 * 16 * 526 * 2291	TX * * * * * * * * * * * * * * * * * * *	* 61 30.0 * T VER* 145 30.0 * SP * 255 * 356	0.00 0.00 0.00 1.04 1.04 1.04 1.04 1.04	1
**************************************	**************************************	POWER CREEK # 145 M1.4 # SF # 160	PULER CREEK * 145 MO.9 * TPP PULER CREEK * 145 MO.9 * TPP * 19 MO.9 * TPP * 19 MO.9 * TPP * 19 MO.9 * TPP	# 61 26 0 # # 146 11 0 0 # T # 146 11 11 11 11 11 11 11 11 11 11 11 11 11	# 60 89.0 * H EMNER RIVER* 144 10.0 * 16 * 526 * 2291	TIEKEL FIVER * 144 57.0 * I	TONOTINA PIVERR 145 WO.O # OFF	# 61 9.0 # I TSINA # 145 WO.9 # IS 104 # WO.4	1
**************************************	**************************************	POWER CREEK # 145 M1.4 # SF # 160	PULER CREEK * 145 MO.9 * TPP PULER CREEK * 145 MO.9 * TPP * 19 MO.9 * TPP * 19 MO.9 * TPP * 19 MO.9 * TPP	# 61 26 0 # # 146 11 0 0 # T # 146 11 11 11 11 11 11 11 11 11 11 11 11 11	# 60 89.0 * H EMNER RIVER* 144 10.0 * 16 * 526 * 2291	TIEKEL FIVER * 144 57.0 * I	TONOTINA PIVERR 145 WO.O # OFF	# 61 9.0 # I TSINA # 145 WO.9 # IS 104 # WO.4	1
**************************************	**************************************	POWER CREEK # 145 M1.4 # SF # 160	PULER CREEK * 145 MO.9 * TPP PULER CREEK * 145 MO.9 * TPP * 19 MO.9 * TPP * 19 MO.9 * TPP * 19 MO.9 * TPP	# 61 26 0 # # 146 11 0 0 # T # 146 11 11 11 11 11 11 11 11 11 11 11 11 11	# 60 89.0 * H EMNER RIVER* 144 10.0 * 16 * 526 * 2291	TIEKEL FIVER * 144 57.0 * I	TONOTINA PIVERR 145 WO.O # OFF	# 61 9.0 # I TSINA # 145 WO.9 # IS 104 # WO.4	1
**************************************	**************************************	POWER CREEK # 145 M1.4 # SF # 160	PULER CREEK * 145 MO.9 * TPP PULER CREEK * 145 MO.9 * TPP * 19 MO.9 * TPP * 19 MO.9 * TPP * 19 MO.9 * TPP	# 61 26 0 # # 146 11 0 0 # T # 146 11 11 11 11 11 11 11 11 11 11 11 11 11	# 60 89.0 * H EMNER RIVER* 144 10.0 * 16 * 526 * 2291	TIEKEL FIVER * 144 57.0 * I	TONOTINA PIVERR 145 WO.O # OFF	* 61 9.0 * I TSINA * 145 W0.9 * IS 104 * W04	1
**************************************	NOTATION OF THE CONTRACT OF TH	2 * * * * * * * * * * * * * * * * * * *	TOWERS CREEK * 145 WO.9 * TP COM WIND * TP	* TERAY LAKE * 61 26.0 * H * CORDOVA-MCCA TERAY RIVER * 144 11.9 * 18 * UNDEVELOPED * 105 * *	A 60 M9.0 * I RIVER* 144 10.0 * 16 126 * 2291	THE CONTRACT OF THE CONTRACT O	A 1 WO . C A II WI . C C A II WO . C A II	# # # # # # # # # # # # # # # # # # #	1
A CIMOD A CIMO	NOTATION OF THE CONTRACT OF TH	* * * * * * * * * * * * * * * * * * *	* * POWER CREEK * 145 30.9 * FP Z * CORDOVA=MCCA POWER CREEK * 145 30.9 * FP I * UNDEVELOPED * 283	* TERAY LAKE * 61 26.0 * H * CORDOVA-MCCA TERAY RIVER * 144 11.9 * 18 * UNDEVELOPED * 105 * *	* THREE MILE CANYON * 60 59.0 * H * CORNDVA.MCCA BREMNER RIVER* 144 10.0 * IS * UNDEVELOPED * 526 * 2291	* TIEKEL RIVER * CORDOVA-NCCA TIEKEL RIVER * 144 57.6 * 18 * UNDEVELOPED * 421 *	* TONSINA * TONSINA RIVER* 145 WO.O * OP * UNDEVELOPED TONSINA RIVER* 145 WO.O * OP * UNDEVELOPED * * NO.	* TOINA * TOINA * 19.0 * H * CORDOVA-MCCA TOINA * 1455 30.9 * 19 * UNDEVELOPED * 104 * WO4	1
A CIMOD A CIMO	NOTATION OF THE CONTRACT OF TH	* * * * * * * * * * * * * * * * * * *	* * POWER CREEK * 145 30.9 * FP Z * CORDOVA=MCCA POWER CREEK * 145 30.9 * FP I * UNDEVELOPED * 283	* TERAY LAKE * 61 26.0 * H * CORDOVA-MCCA TERAY RIVER * 144 11.9 * 18 * UNDEVELOPED * 105 * *	* THREE MILE CANYON * 60 59.0 * H * CORNDVA.MCCA BREMNER RIVER* 144 10.0 * IS * UNDEVELOPED * 526 * 2291	* TIEKEL RIVER * CORDOVA-NCCA TIEKEL RIVER * 144 57.6 * 18 * UNDEVELOPED * 421 *	* TONSINA * TONSINA RIVER* 145 WO.O * OP * UNDEVELOPED TONSINA RIVER* 145 WO.O * OP * UNDEVELOPED * * NO.	* TOINA * TOINA * 19.0 * H * CORDOVA-MCCA TOINA * 1455 30.9 * 19 * UNDEVELOPED * 104 * WO4	1
SERVICE AND SERVIC	THE TARK THE TRANSPORT OF THE TRANSPORT	* * * * * * * * * * * * * * * * * * *	* POWER CREEK * 60 MS.9 * H 32 * CORDOVA=MCCA POWER CREEK * 14% MO.9 * FP I * UNDEVELOPED * 28M * A 19 * 28M	# # 1	* THREE MILE CANYON * 60 59.0 * H 11 * CORDOVA-MCCA BREMNER RIVER* 144 10.0 * IS I * UNDEVELOPED * 2291 * 526 * 2291	* TIEKEL RIVER * 61 14.7 * H * CORDOVA-MCCA TIEKEL RIVER * 144 57.6 * 18 * UNDEVELOPED * 421 *	TONSINA CORDOVA-MCCA TONSINA RIVER* 145 30.0 * SP UNDEVELOPED TONSINA RIVER* 145 30.0 * SP	* 61 9.0 * I TSINA * 145 W0.9 * IS 104 * W04	* VAN CLEVE * GRADUA-MCCA UNNAMED * UNDEVELOPED

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,54

**************************************	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	* 2	*	ARREST AND THE SECOND S	**************************************	**************************************	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ANUL COOL	ARAGA BARARA ARAGA BARARA BARARA BARARA BARARA BARARA BARARA BINDO
42 M E E	TALLERAN TAL	E 434 (8)	CD N. AREA (D N. M.)	2 - 4 - 4 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	(PT)	######################################	CANAL	(1000 S)	* CACAPONIA * * (SECUENCE SANK) * * (SECUENCE SANK) * * (SECUENCE SANK) * * (SECUENCE SANK) * * * (SECUENCE SANK) * * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	######################################	在在有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有的。 在	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	######################################	# P = 00 O	**************************************	**************************************	**************************************	A A A A A A A A A A A A A A A A A A A
* AKENPADOSA * AKHOSES * 6 DFC I	** WOOD CANYON ** CORDOVA=MCCA ** UNDEVELUPED	COPPER RIVER	144 19°9 * * 20600 * *	2 H A A A A A A A A A A A A A A A A A A	1000 1000 040 000 000 000 000 000 000 00	3600000 3600000	21900000 219000000	370973 16.939	****
AKTNPACO65	* YOUNG CREEK * CORDOVA*MCCA * UNDEVELOPED	YOUNG CREEK	142 12 12 14 14 14 14 14 14 14 14 14 14 14 14 14	# # # # # # # # # # # # # # # # # # #	210.05	17000	0000	50 10 10 10 10 10 10 10 10 10 10 10 10 10	****
AKENDAOO66	* CHATANIKA RIVER * CHATANIKA RIVER * FAIRBANKS * UNDEVELOPED	FR CHATANIKA RIVA	65 Pe 0 # 148 M1 0 # # 470 # # # 470 # # # 470 # # # # # # # # # # # # # # # # # # #	T H	15000s 150000 41.0	\$625 7000 12625	11 14 14 14 14 14 14 14 14 14 14 14 14 1	4614. W 24.	****
AKSNPACOST AKENDACOST AK OFC I	* CHENA RIVER * PAIRBANKS * UNDEVELOPED	CHENA RIVER	54 N4 0 1 1 4 6 N 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	100,00	10000	* * * * * * * * * * * * * * * * * * *	65311° 4	****
A AKENPADO69 A AKUG360 A 6 DFC D	* TANANA RIVER * FAIRBANKS * UNDEVELOPED	(LITTLE DELTA) : TANAN RIVER	64 30°0 4 146 45°0 4 18080 4	* * * * * * * * * * * * * * * * * * *	0 0 0 0	00059	# # # # # # # # # # # # # # # # # # #	19347	****
A A A A A A A A A A A A A A A A C D A A C D A C	* CHILKAT * HAINES DIV * UNDEVELOPED	CHILKAT RIVERS	₩ ~	118 1202.04	M 19 0 0 0 W	41000	# * * * *	444	****
AKGNPADO71 A AKUDUS7 A S DFC M	* CHILKOGT * HAINES DIV * UNDEVELOPED	CHILKOTT RIVER	190 90 190 90 190 190 190 190 190 190 19	1076.01	* * * * * * O O O O O O O O O O O O O O	16000 16000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	75949 75949 75949	****
* AKINPA0098 * AKC0004 * UPC I	A ANNEX 4 JUNEAU 5 ALASKA SLEC L	A AKINPADO98 & ANNEX	100 100 11 100 100 10 100 100 10 100 100	# #	# # # # # # # # # # # # # # # # # # #	000 F W W W W W W W W W W W W W W W W W	で 100000 100000 100000 100000 10000 10000 10000 10000 10000	171 s SC 171 s SC 57 s 176 1 s 4 s 4 s 4 s 4 s 4 s 4 s 4 s 4 s 4 s	171aUP # 0031 57a176 # 2002 67a176 # 20002 # 20002 # 20002

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,55

RAC BONDALA RAC BONDALC RAC CONCO CARDENCE RAN (ARDENCE RAN (ARDENCE RAN (ARDENCE RAN			****	****	** 1014 1004 ** 1010 * * * * * * * * * * * * * * * *	* * * * *	****	* * * * *	4 0.006 4 0.006 WILU-609 4 4 0.006 WILU-609 4 4 0.000 WILU-609 4 4 0.000 WILU-609 4 4 0.000 WILU-609 W
# LO CE	# # # # # # # # # # # # # # # # # # #	W6004.6	4926.1 107. 8	# 10 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1977°4 47°659	10 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3657-2	10077 95.974	M
HARRY AND			44 00000 44 00000	N 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * O O O O O O O O O O O O O O O	1190 1190 1190 1190 1190 1190 1190 1190	* * * * * O NI (NI 10 MI 10	105000	4 00000 00000 4 000000 4 000000 4 4 000000 4 4 4 4
# 0.4 C		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	0000	11 12 13 14 14 14 14 14 14 14 14 14 14 14 14 14	000 600 600 600 600 600 600 600 600 600	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* 0000M * 0000M * 0000M
# X X X X X X X X X X X X X X X X X X X	**************************************	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # O M	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	35.0 31.0 37.0 47.0 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		M44W 0000 0000 0000 000	N. 4 N. 60 N. 60 O. N. O. N. O. N.	# # # # # # # # # # # # # # # # # # #
* * * * * * * * *	** * * * * * * * * * * * * * * * * * *	11 N N N N N N N N N N N N N N N N N N	# # # COOM	######################################	* * * * * * * * * * * * * * * * * * * *	110 100 100 100 100 100 100 100 100 100	11 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	T T T T T T T T T T T T T T T T T T T	T
***	**************************************	80 - 80 - 80 - 80 - 80 - 80 - 80 - 80 -	13	138 MS 0 18 18 18 18 18 18 18 18 18 18 18 18 18	13.00 10.00 10.00	138 21 13 13 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	88 88 88 88 88 88 88 88 88 88 88 88 88	58 47.4 1135 27.	58 17 9 * 134 23 9 9 10 * 10 * 10 * 10 * 10 * 10 * 10 *
E	本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本	BOUNDARY CREEK	CARLSON CREEKS	M C C C C C C C C C C C C C C C C C C C	CRATER CREEK * * * * * *	AVIDSON CREEK	DAVIES CREEK * * *	**************************************	# 60LD CREEK # LIGHT & POWE*
An	* 60	0	CAR	2 2 3 10 10	CR.A	DAV	OAV	S	<u> </u>
**************************************	#*************************************	BOUNDARY LAKE JUNEAU UNDEVELOPED	CARLSON CREEK JUNEAU UNDEVELOPEO	COWEE CREEK JUNEAU UNDEVELOPEO	CRATER LAKE JUNEAU Undeveloped	DAVIDSON CREEK JUNEAU UNDEVELOPED	DAVTES CREEK JUNEAU JUNEAU	ENDICOTT RIVER JUNEAU UNDEVELOPED	A AKHNDANOSO & GOLD CREEK S. 6 DLD CREEK & 134 23.9 & AKOONSA & JUNEAU GOLD CREEK & 134 23.9 & S. DFC I & ALASKA ELECTRIC LIGHT S. FOWER 10 40 A A A A A A A A A A A A A A A A A A

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,55 PAGE 10 OF TABLE 1

	使假保保保证证据保存证据保存证据保证证据保证证据	2003 2006 2006 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	****	, e, e, e e	****	1014 1005 1005 1014 * * *	1026 1009 1000 1000	***	
**************************************	**************************************	M W W W W W W W W W W W W W W W W W W W	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	***** **** **** **** **** **** **** ****	* * * * * * * * * * * * * *	2444	76001. 76.000. 76.000.
######################################	* * * O O O O O O O O O O O O O O O O O	1100000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *		44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0000	M0000 M0000	M.W.
* 0333 * 004000 * 4440 * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		M W 0000	10000	0000	0000	000	000 88 9 8 N N III	00000000000000000000000000000000000000	0004
* * * * * *		1699 1699 1690 1690 1690 1690 1690 1690	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * O M O B O B O B O B	* * * * * OOM OOM OOM OOM	00 -00 -00 -00 -00 -00 -00 -00 -00 -00	167.0 19000 640.0 640.0 64.0 64.0 64.0 64.0 64.0	167.0 * 7000 * 390.0 * *	* * * * * * * * * * * * * * * * * * *
* 2. 11.	*								1
# A A A A A A A A A A A A A A A A A A A	**************************************	T H 80 11 12 13 14 14 14 14 14 14 14 14 14 14	E	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	T H.	T.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C	10 80 80 80 80 80 80 80 80 80 80 80 80 80	O 0 0 1
# # # # # # # # # # # # # # # # # # #	* * * * *			20 B	<u>и</u> Б	eo '	ณ ยา •	#69	# # # # # # # # # # # # # # # # # # #
* " A T T T U D M * A T T T U D M * A T T T U D M * A T T	**************************************	1, 14 % O % I I S % A % A % A % A % A % A % A % A % A %	0.00 0.00 0.00 0.00 0.00	8 N.S. O.S. O.S. O.S. O.S. O.S. O.S. O.S.	T # 0°00 NO # T # 0°00 NO WO NO	20 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2	1 * 58 17.9 * H LOWER SALMON * 134 30.0 * OP CO * 134 56 * 163	* 134 16°0 * * 134 16°0 * * 134 16°0 * * 134 16°0 * * 134 16°0 * 1
** LATITUDE * PURP * LATITUDE * PURP * LONGITUDE * PROC. D * DR. PREA * PACE. D * CO M. M. A * CO. C.	T T OO NO OO T T CUINTY TO THE TOTAL T	** 136 14 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	CARREX * 1300 1300 1300 1300 1300 1300 1300 13	SALHON * 134 P.99 * H. SALHON * 134 P.899 * OP	8ALMON * 134 30.0 * T	CREEK * * 100 CREEK * 10

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,55 PAGE 11 OF TABLE 1

			1020 **	2012 2011 2020 *	2017 2016 **	2008 2009 2013 *	2007 2008 2009 **	****	
A CINE A	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# # # # # B N O F	40000000000000000000000000000000000000	4	000 000 000 000 000 000	7 7 2 6 7 7 8 6 7 7 0 0 7 8 8 8 9 7 0 0 0 7 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	22 23 24 24 24 24 24 34 34 34 34 34 34 34 34 34 34 34 34 34	2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* * * * * * * * * * * * * * * * * * *			4 4 4 4 4 4	275000 F	127000 # # # # # # # # # # # #	700000	000000	0000	4 (
* MHP * ME * ME		000 000 44	23,150 70460	6 30 00 6 30 00 6 30 00	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	16000		000 000 000	10000 10000
****		N 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	100000 000000 000000	W W W W W W W W W W W W W W W W W W W	# # # # 0.000 0.00	* * * * * * * * * * * * * * * * * * *	N 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	70°0 206000 104°0 * * * *	# # # # # # # # # # # # # # # # # # #
		* * * * *	****		****		* * * * *	***	***
* 4 D D S S S S S S S S S S S S S S S S S	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	I	本本の。サードの対象を表現の対象を表現の対象を表現の対象を表現の対象を表現の対象を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を	* * * C * C C C C C C C C C C C C C C C	****	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
* C C C C C C C C C C C C C C C C C C C	4	40 40	4	2314.	328	N 150 →	P	24. 40.04.	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
**************************************	A CHARLES A CHAR	# 58 0.0 * H # 58 0.0 * H \$ 1.4 * 89 * 1.4 * 68	THE TAKE THE TO THE TOTAL TO THE TAKE T	8 38 6.9 A H SPEEL RIVER + 133 42.9 A M B A 194 A B B B B B B B B B B B B B B B B B B	* 117 115.0 * T	TEASE CREEK # 158 15.9 # T	TREADWELL DITT 134 22 15 4 16 8 POWER 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A SO 100.7 A T. A LOUNNERD CREEK A LOUNNING WAS A SECOND	######################################
**************************************	4	LAKE 4 136 0.0 A I	* 138 50.9 * 1 10NG LAKE * 1334 48.0 * 0P * WO * 447	A 130 6.9 A I A 133 42.9 A I 4 A 133 42.9 A I 4 A 194 A A	* 117 115.0 * T * 134 140.0 * T * 134 140.1 * 10 * 141.0 * 100.0 * 1	CREFIX * 100 US * T	TREADWELL DITH 134 22.3 # IS POWER # F # 134 22.3 # IS POWER # F # 134 22.3 # F # 134 22.3 # F # 134 23.4 # 13	T # 100 100 4 X TOTAL	# 100 000 000 000 000 000 000 000 000 00

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.28.55 PAGE 12 OF TABLE 1

* EU	**************************************	****	1005	* 2003 * 2035 * 2035 * 3035	****	* * * * * * * * * * * * * * * * * * *	****	****	
**************************************	* * * * * * * * * * * * * * * * * * *	74 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	10 00 14 00 15 00	40 4	M N M N M N M N M N M N M N M N M N M N	8056. 80. 813	27-21-12-12-12-12-12-12-12-12-12-12-12-12-	19863 145,73	1600.6
* Z 0 0 0		* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0	44 00000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1600000 1600000 16000000	24 0000 4 0000	160000 0 1 160000 0 1 1 1 1 1 1 1 1 1 1	* * * * * * O O O O O O O O O O O O O O	# # # # # #	* * * * * * * * * * * * * * * * * * *
**************************************		0000	\$ \$ \$ \$ \$ \$	* # 000099M	00000	# # 0000 km	00000	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0	本 本 本 依 表 表 本 本 依 表 表 表 A A A A A A A A A A A A A A A A
*****	K K COOOD T	# # # # # 000 # 000 # 000 # 000 # 000 #	# # # # # 000 % 000 % 000 % 000 % 000 %	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NU N	* * * * * 0 0 0 0 0 0 0	MO6000 MO6000 MO6000 MAXAX	* * * * * 0 000 000 000 000 000 000 000	10
# # # # # # # # # # # # # # # # # # #	* * * * *	155.0*	50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************	* * * 0 * M 6 T	* * * 0 * 9 9 7 2	6 10 10 10 10 10 10 10 10 10 10 10 10 10	\$ # # # # # # # # # # # # # # # # # # #	1300001
* C * C * C * C * C * C * C * C * C * C	* o	I H	10	I H	x ==	x ↔ w	I H	I ↔	T
****	k Ø)	1		(7)	10 m 10 m 10 m 10 m 10 m 10 m 10 m 10 m	97	60 21.9 9 * 11.0 2 49.9 4 10.0 2 20.0 4 4 9.9 4 10.0 2 20.0 4 4 9.0 4 10	10.90 M	* * * * *
A LATITUDE	KARKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKA	88 0 4 0 8 M M 4 0 8 4 M M 4 0 8 4 M M M 4 M M M M M M M M M M M M M M	9.00 0.00 0.01 0.00 0.00 0.00 0.00 0.00	# 61 13.0 # I HAKACHAMNA D# 152 22.0 # 13	20.00 00.00 44.44.4	10°0 18°0 18°0 18°0 18°0 18°0 18°0 18°0	10000	30 20 4.00 € 4.00 € 4.4.4.4.4.4.1	* * * * * * * * * * * * * * * * * * *
ATTACHMENT AND THE CONTRACT AND THE CONT	KARKARAKKEKEKEKEKEKEKEKEKEKEKEKEKEKEKEKE	CAMMER 130 0 4 T T T T T T T T T T T T T T T T T	**************************************	* * * C	* * * * * * * * * * * * * * * * * * *	A1VER * 61 10.0 * 1 1	# 60 101 9 # H 1010 49 9 # H 1010 49 9 9 # H 1010 4 # 1010 4 # H 1	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *

DATE 14 FER 81 NATIONAL HYDRDELECTRIC PUWER STUDY TIME 22,28,55 PAGE 13 OF TABLE 1

MANAGEMENT OF THE STANDARD OF		***	****			* * * * * *			
			1322	2000 2000 2000 2000 2000 2000 2000 200	19486	24 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -	0.00 0.00 0.00 0.00 0.00	84 84 85 85 85 85 85 85 85 85 85 85 85 85 85	27 60 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
E T BE T		# # # # # 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100000	* * * * * 0 0 0 0 0 0 0	* * * * * C 0 0 0 0 O 0 0 0 O 0 0 O 0 0	* * * * * 0 0 0 0 0 0 0 0 0 0 0	00000 00000 00000 00000	# # 0000 # 0 # # # 0000 # 0 # # # # 0000 # 0 # # # # # # # # 0000 #	102000 # 102000 # # # # # # # # # # # # # # # # #
K			R 1000 1000 1000 1000	* * * * * 000 00 00 00	* * * * 0 0 0 0 0 0 0 9 \$	* * * * * 0 0 0 0 0 0 0 9 0	* * * * * * · 0 000 000 000 000 000	9 80 44 0 0 0 0 0 0 0 0 0	# 0000 NU
		* * * * * * * * * * * * * * * * * * *	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	11 10 00 00 00 00 00 00 00 00 00 00 00 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M M M M M M M M M M M M M M M M M M M	4 W	* * * * * O 00 T 0 T 0 T 0	# # # # # # # # # # # # # # # # # # #
# C C C C C C C C C C C C C C C C C C C	**************************************	T S S S S S S S S S S S S S S S S S S S	II	# # # # # # # # # # # # # # # # # # #	######################################	E # # # # # # # # # # # # # # # # # # #	T T T T T T T T T T T T T T T T T T T	T	T T T T T T T T T T T T T T T T T T T
****	**************************************	88 85 84 84 84	524	8 44 84	150 23.7 * 18 * 15.0 23.7 * 15.0 23.7 * 15.20.0 *	Ø		80 14	*
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	0.0 4 10.044 0.044 4 10.044	0 19.9 # I 50 25.0 # IS 160 # 524	10°0 10°0 10°0 10°0 10°0 10°0 10°0 10°0	*****	00 00 00 00 00 00 00 00 00 00 00 00 00	0 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	26.0 * T 0 7.9 * T6 849 * E7	*
# # # # # # # # # # # # # # # # # # #	**************************************	RIVER * 150 49-0 * H 150 49-0 * 18 1550 * 1934	7 4 60 19.9 4 T 7 4 150 25.0 4 T 8 150 25.0 4 TS 7 4 150 4 S24	XI < E	A 60 30 9 4 1 A 150 20 8 4 1 A 150 20 8 8 1 A 150 20 8 8 1 A 150 20 20 8 1 A 150 20 20 8 1 A 150 20 20 20 20 20 20 20 20 20 20 20 20 20	ATVER * 154 14 au * 166	CREEK * 150 465.9 * I'S 101 *	RIVER # 150 7-9 # IS 849 # 37	6 A 150 34 9 4 61 54 55 55 55 55 55 55 55 55 55 55 55 55

CATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,56,56

CONCENT CONCEN	######################################					1010	2002 2003 2006 2006	1017	
*00 01	· · · · · · · · · · · · · · · · · · ·	4 4 4 4 4	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00 00 00 00 00 00 00 00 00 00 00 00 00	STATE	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##### ##### ########################	0011-004 144-04 144-447
* 2 4 4	**************************************	* * * MN		0000	* * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	
* O C C C C C C C C C C C C C C C C C C	E 0000 E E E E E E E E E E E E E E E E	6 6 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0 00 mm	2000 2000 2000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 1 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000	00000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* + + + + + + + + + + + + + + + + + + +		****	* * * * * * * * * * * * * * * * * * *	****	* * * * * * * * * * * * * * * * * * *	* * * * *		* * * * * * * * * * * * * * * * * * *	
***************************************	69	41.9.0	60 80	in M	8 8 8 0	SH OP •146•1	90 0P 174.0	8 388.0	10 to 0 to 10 to 1
# "3 F" "44 1	T G	I M	I H	I #	IH	<i>"</i>	.	I H	IA :
14141414141414141414141414141414141414		11 4 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	131 13.1 13.1 13.1 13.1 13.1 13.1 13.1	# # # # # 0 * # # # # 10 * # # # # #	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	55 21 2 3 4 1 3 4 5 4 4 5 4 4 5 4 4 5 4 4 5 4 4 4 4 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	105 W8.0 ** 1141 00.0 ** 1141 00.0 ** 1141 1141 1141 1141 1141 1141 1141	***
A CO Men)		# #	31 19 51 # H	T # # # # # # # # # # # # # # # # # # #	27 M 18 M 27 M 18 M 27 M 18 M 28	A SU DISC A KETCHIKAN CRE4 131 37.0 # AN A	MARD CREEK * 191 40.0 * * COMPANY * 191 40.0 * *	3 38 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	######################################
A CO M. CO A CO	SEAVER TALLS SEAVER TALLS # 151 MG O # THE KRYST SEAVER TALLS # 151 MG O # THE KRYCHIKAN GEAVER TALLS # 151 MG O # THE KRYCHIKAN GITY # 6 # 6 # 6 # 6 # 6 # 6 # 6 # 6 # 6 #	FISH CREEK FIGH CREEK # 130 38 4 # CNDEVELOPED FIGH CREEK # 130 38 4 # 1000 8 # 1000	GUKACHIN FUSCHIN TIVER 131 19-51 4 TUNOFVELOPED GUKACHIN TIVER 131 19-51 4 UNDFVELOPED 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	SSLED CREEKA 131 R6*9 H	TANHARY * 155 34.9 * KETCHIKAN NF MANZANITA * 151 4.9 * UNDEVELOPEO	CRE* SS 21.55	LAKE CONNELL DAM * 55 26.0 * KETCHIKAN WARD CREEK * 131 40.2 * KETCHIKAN PULP COMPANY * 13 4	LAKE GRACE * 155 38.0 * KETCHIKAN GRACE CR REVI* 131 0.0 * UNDEVELOPED * 29 * *	CTERX * * 500 PS CTER * * 1 MS PS CTER * * 1 MS PS CTER * * * * * * * * * * * * * * * * * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,56,56

ARXIOTANTAX MAXAMAN AND AND AND AND AND AND AND AND AND A	1000 1000 1000 1000 1000 1000 1000 100	****	****	* * * * *	* * * * * *			1016 1003 #	8865.20 x 1007 south 1005 south 1
	200							1018	1007
* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	134 11 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.000	**************************************	61. 61. 61. 61.	6 1 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 Nu 0 00 0 00 0 Nu 0 Nu 0 Nu 0 Nu	8 00 00 00 00 00 00 00 00 00 00 00 00 00
# # # # # # # # # # # # # # # # # # #		124000 124000 124000 124000 124000 124000 124000 124000 124000 124000 124000 124000 124000 124000 124000 124000 1240000 1240000 1240000 1240000 1240000 1240000 1240000 1240000 1240000 12400000 124000 1240000 1240000 1240000 1240000 124000 12400000 1240000 124000 124000 124000 124000 124000 124000 124000 1240000 1240000 124000 124000 124000 124000 124000 124000 124000 124000 1240000 124000 124000 124000 124000 124000 124000 124000 124000 1240000 124000 124000 124000 124000 124000 124000 124000 124000 1240000 124000 124000 124000 124000 124000 124000 124000 124000 1240000 124000 124000 124000 124000 124000 124000 124000 124000 1240000 124000 124000 124000 124000 124000 124000 124000 124000 12400000 1240000 1240000 1240000 124000 124000 124000 124000 1240000 1240000 1240000 1240000 1240000 1240000 1240000 1240000 1240000 1240000 1240000 1240000 1240000 1240000 12400000 12400000 1240000	110000	0.00 C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	44 44 000 000 000			8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
\$ \$7.7 • 03.33 • 04.00 • 44.00	4 4 0 0 0 4 4 4 4 4 0 0 0 0 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	44 0000 000 000	1000 mm	* * * * * * * * * * * * * * * * * * *	2 2 3 4 4 4 6 0 0 0 0 0 0 0 0 0	# # # # # O O O O O M M		# # # 0010 000 000 000 000 000
**************************************		116000 116000 24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	4 4 4 4 4	N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * ·	* * * * * * i O O T *O * M O M ** III	195.0 1974 18.0 18.0	* * * * * * * * * * * * * * * * * * *
**************************************	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在	80 80 80 80 80 80 80 80 80 80 80 80 80 8	A A A C S S S S S S S S S S S S S S S S	30 J	T = 00 = 00 = 00 = 00 = 00 = 00 = 00 =	# # # # # # # # # # # # # # # # # # #	11 00 11 00	TH 99	T. G. G. S. F. V.
######################################	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 29.0 * 131 7.9 *	131 134 44 44 44 44 44 44 44 44 44 44 44 44 4	55 35 35 35 35 35 35 35 35 35 35 35 35 3	25 25 25 25 25 25 25 25 25 25 25 25 25 2	55 24.0 131 40.0	35 35 9 141 21 0	* 131 PR • 9
****	A A A A A A A A A A A A A A A A A A A	TANNAANIHA CANINA * * * * * * * * * * * * * * * * * * *	MITTER CORD : AND SECTION SECT	NADZAHEEN LAK*	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ORCHARD CREEK *****	LAKE WARD COVE CRESS	TALLS CR RECIS	ø ·
**************************************	**************************************	MANJANITA LAKE KETCHIKAN UNDEVELOPED	MIRROR Ketchikan Undeveloped	NADZAHEEN LAKE KETCHIKAN UNDEVELDPED	NAHA RIVER KETCHIKAN UNDEVELOPED	GRCHARD CREEK KETCHIKAN UNDEVELOPEO	PERSEVERANCE : KETCHIKAN . UNDEVELOPED	SWAN LAKE KETCHIKAN UNDEVELOPED	* UPPER SILVIS LAKE * KETCHIKAN BEAVER FALL * CITY OF KETCHIKAN
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	AKENPADIRES * AKUDIGI * AU DPC I *	* AKTNDAO126 * AKTNDAO126 * AKTNDAO126 * AKTNO143 * AKT	* * * * * * * * * * * * * * * * * * *	# AK7NPA0128 # AKU0138 # AKU0138 # # OFC I # #	* * * * * * * * * * * * * * * * * * *	* AKTNPADIMO * * AKUOROO * * DFC I *	* AKDNPA0139 * * AKOOOO7 *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,56

X NO X 4 R	** ** ** ** ** ** ** ** ** ** ** ** **	* * * * * *	* * * * *			* * * * *	****	* * * * *	* * * *
	* * * * * * * * *	*****	****		****	****	****		****
# # (H3E/8)	######################################	877.78 75.762	23,960	13624	10116 168,61	10605 176.75	28573 54,321	2806.1 75.840	12197
XXIXX		11 11 11 11 11 11 11 11 11 11 11 11 11	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	790000	* * * * *	00000	* * * * * * * * * * * * * * * * * * *	0000 km	73000 x 73000 x 73000 x
- 777 - 7733 - 774 - 747 - 447		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	######################################	160000	K # # # # 0 0 0 0 0 0 0 0 11 11	000044	120000 120000 120000 14444	* * * * * ·	16000
A C T T C C T C C C C C C C C C C C C C	* * * * * 1 * * O O O * * * O O O * * O O O O * * O O O O * O O O O O * O O O O O * O O O O O O * O O O O O O O * O O O O O O O O O * O O O O O O O O O O O O O O O O O O O	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8000000 12000000 12000000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	102000000000000000000000000000000000000	000 00 00 00 00 00 00 00 00 00 00 00 00	220°02 209°04 4 4 4 6 0 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0000 0000 0000 0000	2 3 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2
AVE B		20 20 30 44 50 60 60 60 60 60 60 60 60 60 60 60 60 60	IS # # # # # # # # # # # # # # # # # # #	10 10 3326 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	II ON 44 4 C ° C 10 4	100 TO	# # # # # # # # # # # # # # # # # # #	TO 267
****	100 100 100 100 100 100 100 100 100 100	55 50 181 182 182 182 182 183 183 183 183 183 183 183 183 183 183	67 13.0 * 162 30.0 * 12700 *	65 W. 161	65.56.9 * 160.30.0 * 1120 *	65 53.5 * 161 53.4 * 161 761. *	159 7 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	66 58 9 9 1 1 56 37 9 9 4 4 1 2 4 4 1 2 4 4 4 4 4 4 4 4 4 4 4 4	65 34.0 162 42.9 4 855 4
TH 2 IO NO * PRIMARY CO. INAME FM 1 IO NO * PRIMARY CO. INAME OF STREAM * ACTV DEP * OWNER CODE CODE * FILE * STATUS *	HATTMAN LAKE DAN * KETCHIKAN MHITMAN CREEK* CITY OF KETCHIKAN	C A 36 C C C C C C C C C C C C C C C C C C	GICHUK) NOATAK RIVER *	BUCKLAND RIVE*	* * * * * * * * * * * * * * * * * * *	KIWALIK RIVER*	* * * * * * * * * * * * * * * * * * *	KOGOLUKTUK AI*	KUGRUK RIVER *
DRIANA CO.	ETHICKEN CHOCK	WHITMAN LAKE KETCHIKAN UNDEVELDPED	AGASHASHOK (IGICHUK) KORUK UNDEVELOPED	BUCKLAND BIVER KORHK UNDEVELDPED	FISH RIVER Koruk Undeveloped	KIWALIK Knbiik Undeveloped	KOBUK RIVER Kobuk Undeveloped	KOGOLUKTUK BIVER KOBUK UNDEVELOPED	* KUGRUK * KOBHK * UNDEVELOPED
ACT	A A CO	AKTNPAOLUGE ##: AKTNPAOLUGE ##: AKTNONNU ##: UN OFFC H##:	AK6NPAO145 *	AK6NPA0146 * AKU0369 * 6 DFC I *	AK6NPA0147 * AKU0371 * S DFC I *	AK6NPA0151 # AK10375 # AK10375 # AK10375 # AK10375 # AK10475 # AK1	AKENDAO149 AKENDAO149 AKENDATA AKUO374 AKENDATA AKENDATA AKENDAO149 AKENDAO14	AKENPADISO # AKU0374 # S DFC I #	* AK6NPA0152 * * AKU0377 * * 5 DFC I *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,56

PRIMARY CO. INAMES OF	# E E E E E E E E E E E E E E E E E E E	######################################	######################################	4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 .	HXX HXX HXX HXX HXX HXX HXX HXX HXX HXX	AMENICA OCTANIO AMENICA OCTANIO OCTANI	800 800 100 100 100 100 100 100 100 100	ENC ECONOMIC ENC NONECONOM ENC CONECONOM ENC CONECONOM (SEGUENCE RANK) (SEGUENCE RANK)
######################################	* * * * * * * * * * * * * * * * * * *	44444444444444444444444444444444444444	* 00 * III * * * * * * *	# 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	760000 x x x x x x x x x x x x x x x x x	**************************************	· · · · · · · · · · · · · · · · · · ·
NDATAK RI	RIVER	67 38 0 160 18 0	1 # # # # # # # # # # # # # # # # # # #	00 m	140000	613000 # 613000 # #	24617 40,158	
RIVER KOBUK RIVER	ā	* 65 45°9 * 156 11°0 * 19970	* * * * * * * * * * * * * * * * * * *	000	000 000 000 000 000 000 000 000 000 00	114000 ###	8801.6 77.207	
NOATAK R]	R VER	* 67 56.9 * 160 11.9 * 7050	X * * * * * * * * * * * * * * * * * * *	279.7	211000	926471 # # 926471 # #	32,504	* * * * *
AYAKULIK	3 × 1 × 3	## 57 134 1 ## 154 134 134 134 134 134 134 134 134 134 13	T T T T T T T T T T T T T T T T T T T	400000 180000	****	44	6163.8 125.79	****
DAY SPRUCE	€	* * 15 % 3 ° 6 * 15 % 3 ° 6 ° 6 ° 6 ° 6 ° 6 ° 6 ° 6 ° 6 ° 6 °	10 4444	000	****	# # # # # # # # # # # # # # # # # # #	33.565 35.708	* * * * *
DOG SALMON	2	* 57 11°B	11 17 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11 11 00 0 10 11 00 0	7000		2010 au 74 Tu	* * * * *
KARLUK RIVE	e e	* * * * * * * * * * * * * * * * * * *	**************************************	00 M	00000	2	บ ช ช ช ช ช ช	
* AK7NPAO162 * GLGA BAY * AKU0476 * KODTAK * 5 DFC I * UNDEVELOPED	Š	* 57 3.9 * 154 3.9	* * * C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000	37000 **	3418.5 92.392	* * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,57 PAGE 18 OF TABLE 1

	TANANA CO.	ος Θ: Α Α Π	11	S S S S S S S S S S S S S S S S S S S	* * * * * * * * * * * * * * * * * * *		2	1000 6) 1000 6) 1000 6)	ATTALOUND A TONOTO A ARACI MCONOTALOUND A TONOTO NO TALOUND A TONOTO NO TALOUND A TONOTO NO TALOUND A TONOTO NA TALOUND
**************************************	**************************************	A * * * * * * * * * * * * * * * * * * *	7.	# 0 # # # # # # # # # # # # # # # # # #	# # # O 0 O O M	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	まったことと、ようごこうほう・ 女 名 名 名 名 名 名 名 名 名 名 名 名 名 名 名 名 名 名
AK6NPAD1164 AKU0497 A OFFC I A	SPIPIDON LAKE KODIAK UNDEVELOPED	TA ARTHUR SOLUTION	11 17 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	T H 8		000	21.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	1910 77 6	****
AK7NPAO165 # AKUG498 # S DFC I #	SPIRIDON AIVER KODIAK UNDEVELOPED	* * WOULTELOO NO OLE THE NO OLD THE NO OLE THE NO OLD T	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	IIS 600°°°°	M W W W W W W W W W W W W W W W W W W W	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000000000000000000000000000000000	M M M M M M M M M M M M M M M M M M M	****
AK7NPA0156 * AKU0510 * PFC I *	TERROP LAKE KODTAK UNDEVELOPED	* * * * *	57 40.0 153 6.0	* * * * * * * * * * * * * * * * * * *	40.00.00.00.00.00.00.00.00.00.00.00.00.0	0 0 0 0 0 0 0 0 0 0 0	00000 mm	19,943	1006
AKHNPA0169 * AKO0045 * AKO0045 * A	UGANIK Kodtak Intercoastal	CRATER CR KDD**	57 45.9 153 83.0 15	T	* * * * * * * * * * * * * * * * * * *	C C C	* * * * *	66	
AKTNPAD167 * AKUO518 * 6 DFC I *	UGANIK Kodiak Undeveloped	UGANIK RIVERY * * # # # # # # # # # # # # # # # # # #	157 41.0 158 63.0	T S S S S S S S S S S S S S S S S S S S	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11655100	ณ 60 เม 60 - 1 10 - 6 10 - 6 10 - 6 10 - 7 10 - 7	· · · · · · · · · · · · · · · · · · ·
AKSNPAD172 * AKU0094 * 6 DFC I *	CROOKED CREEK KUSKOKWIN UNDEVELOPED	* * * PI W WILS KUSKUKELK	61 49.9 1 158 0.0 3	1 16 14 15 3 0 0 1	* * * * *	41 40000 41 400000 41 400000	949000000	######################################	
AK6NPA2613 * AKU0337 * 6 DFC D *	HOLY CROSS KUSKOKWIM UNDFVELOPED	* * * * * * * * * * * * * * * * * * *	62 15.0 159.40.0 320000	18 79562	* * * * * * * * * * * * * * * * * * *	0000 0000 0000 0000 0000 8	12300000 123 123000000 123 123 123 123 123 123 123 123 123 123	20 20 20 20 20 20 20 20 20 20 20 20 20 2	化化化化
AKTNPAC173 * AKUC105 * 5 DFC I *	KUSKOKWIM RIVER KUSKOKWIM KOSKOKWIM RI UNDFVELOPED		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	18 189,0	17 50 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	18000	* * * * * * * * * * * * * * * * * * *	66-116-6	* * * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,57 PAGE 19 OF TABLE 1

######################################		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				****		A COM 1 COM	· · · · · · · · · · · · · · · · · · ·
本文本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	***	6 0 0	****	****	****	****	****	* * * * * * * * * * * * * * * * * * *	* * * * *
NUL COST	# # # # # # # # # # # # # # # # # # #	11143	68 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	75.239	8969°2 30°971	13845	6701. 113.88	7482.3	18460°4
######################################		# # # # # # # # # # # # # # # # # # #	00000000000000000000000000000000000000	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0	***************************************	00000	0000	166000 166000	0.000 **
#		44 00000 44 44 44	0000	14000 0000	000099	1,900	12000 12000 12000	W W	14000 14000 14000 14000
****		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	166000 166000 917000	200.00	1204000 1204000 12040000 12040000	6 M 5 V 5 0 0 6 0 0 7 X X X X X	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #
40 0	**************************************	2 0 0 1 K	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	T TO	I S I S S S S S S S S S S S S S S S S S	E SAN	T I BE BE O	100円の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の
* LATITUDE * LATITUDE * LONGITUDE * LONGIT	61 100 0 1 101 0 100 100 100 100 100 100	61 158.9 # 131 158.0 # # 131 158.0 # # 131 158.0 # 4 158.0 # # 158.0 # # 158.0 # # 158.0 # # 158.0 # 1	63 17.2 * 147 9.9 * 422 *	61 40 0 1 1 49 4 9 9 4 9 9 4 8 9 9 4 8 9 9 8 9 9 9 9	62 333 149 334 450 44	61 46.9 147 34.9 160 3	63 10.0 149 25.0	63 4.9 149 45.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* E	**************************************	BELUGA RIVER **	BOULDER CREEK*	BOULDER CREEK*	TALKEETINA RIVA	CARIBOU CREEK	E FORK CHULIT	ICANE CHULITNA RIVE*	**************************************
PAIMARY CO. ENAME OF SHAG	**************************************	BELUGA UPPER MATANUSKA-SU UNDEVELOPED	BOULDER CREEK MATANUSKA:SU UNDEVELOPED	BOULDER CREEK MATANUSKA-SU UNDEVELOPED	CACHE MATANUSKA-SU UNDEVELOPED	CARIBOU CREEK MATANHSKA-SU UNDEVELOPED	CHULITAN EFF A MATANUSKA BU A UNDEVELOPED	* CHULITNA JURRICANE * MATANUSKA-SU CHU * UNDFVELDPED	A AKENDAO179 & CHULITNA WF & GM Ca CAULITNA WF & A CM CAULIT & ACM Ca G & T & A CM CAUCIT & ACM WING W IN A AKHOMIN & MINDING W IN WOOD & A CM WING & MINDING W IN WOOD & MINDING & MINDIN
**************************************	A A K O N D A C O	* AK6NPA0175 * AKUPA0175 * AKU0394 *	AKTNPAD1488 * AKUOOO148 * AKUOOO15 *	* AK7NPA0176 * AKNPA0176 * AKU0396 * AKNPA0176 * AKNPA	* AK6NPA0177 * AKU0403 * A	* AK6NPA0178 * AK6NPA0178 * AKU0406 * * 5 DFC 1 * *	* AKENDAD182 * AKENDAD182 * AKENDA144 * S OFC I *	A AKENDADA AKENDA AKENDADA AKENDADA AKENDADA AKENDADA AKENDADA AKE	# AK6NDA0179 x

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,57 PAGE 20 OF TABLE 1

COSTA ERC ECONOSIC COSTA ERC COSTOSITE S) * (OFFICENCE AANK) * (OFFICENCE AANK)	**************************************	*****	1 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8			7 * * * * * * * * * * * * * * * * * * *	: * * * * * * * * * * * * * * * * * * *	14 * 1001 12 * 1001 1019	· * * * *
	# # # # # # # # # # # # # # # # # # #	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	4830 137.80		7822. 47.401	19680	31540 9.8409	39 33 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
AENTION ON OUR OF A HINC. ENERGY A HINC. ENERGY A HINCA CONTROLUCE OF A HINCA CONTROLUCE A CINCO A CIN	* * * * * * * * * * * * * * * * * * *	198000 198000 198000 198000	307000 307000 307000	000	16 10 00 00 00 00 00 00 00 00 00 00 00 00	** * * * *	**************************************	3410000 ***	164000 ##
004000 44# 87.	**************************************	44 000 000 000 000	43 40 C C C C C C C C C C C C C C C C C C C	000	* * * * * * * * * * * * * * * * * * *		744 00000 A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	776000 77	300000 # # # 00000 # # # # 00000 # # # #
*****	* * * * * * * * * * * * * * * * * * *	N N N S S S S S S S S S S S S S S S S S	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15 NI	110.0	## 00000mm	0.000000000000000000000000000000000000	685.0 1087750 874.4	0.0000 0.00000 0.00000 0.00000 0.00000
AVE. 0	# # # # # # # # # # # # # # # # # # #	###O"#################################	10 100 100 100 100 100 100 100 100 100	* * * * * * O	**************************************	T.00 10 10 10 10 10 10 10 10 10 10 10 10 1	10 10 10 10 10	110 110 110 100 100 100 100 100 100 100	00 00 00 004 004 004
T * * * * * * * * * * * * * * * * * * *		64 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	61 46.9 148 10.0 **	61 9-61 150	62 35 24 25 25 25 25 25 25 25 25 25 25 25 25 25	62 42. 147 34. 1260 *	52 48% 9 1149 158.9 4 1	62 48.9 14.9 18.9 * 5810 * *	* 61 24.6 * * X* 149 9.4 * * 119 *
3 E	A WAXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	CHULTINA PIVE*	# ATANUUNATAM #VIG ANDUNATAM	COOK INLET *	DEADMAN CREEKA	ASUSITINA PIVERA A	ASBA PROPOSAL * SUSITINA RIVER*	NPA PROPOSAL * SUSITNA RIVER*	EKLUTNA RIVE
TAN TOTAL TO	* CHUNILNA CHUNILNA CRI** * MATANUSA CHUNILNA CRI** * UNDEVELOPED	COAL MATANUSKA-SU UNDEVELOPED	COAL CREEK MATANUSKA+SU UNDEVELOPED	COOK INLET TIDAL MATANUSKA+SU C UNDEVELOPED	DEADMAN CREEK Matanuska+su Undeveloped	DENALI USBS PROPOSAL Matanuska-su susit Undeveldped	DEVIL CANYON MATANUSKA=SU Undeveloped	DEVIL CANYON MATANJSKA-SU UNDEVELOPED	EKLUTNA DAM MATANUSKA±SU DOI USBR
* * * * * * * * * * * * * * * * * * *	AKTNPA0180 AKU0412 S DFC I	AK6NPA0183 x x AKU0416 x x a DFC E x x x	AKENPADIBU * AKUGAI7 * S OFC I *	AKANPAOOS6 * AKUGA79 * S DFA I *	AKTNPA0187 * AKUR423 * S DFC I *	AKGNPAO1855 * * AKUO421 * * * OFA E * *	AK6NPA0186 * AKU0422 * C OFC E *	AK6NPAO188 * * AKHO424 * * PFC D * *	A KUNPADDUS * * AKOOONS * * AKOOONS * * S DFC II *

ARXIONTAGANALLA COST AERC ECONOMIC A ALDICEROSYAENERSY COSTA ERC NONECONOMIC A ALDICEROSYAENERSY A CASTA ERC COMPOSITERA (AMERI) A (1000 40) A (MEGUENCE RANK) A (MEGUENCE RAN					***	****	****		# # 10000 # # # 10000 # # # 10000 # # # 10000 # # # 10000 # # # 10000 # # # 10000 # # # 10000 # # # #
NEMBY COST		20 CM 20 CM	24 24 24 24 24 24 24 24 24 24 24 24 24 2	6733.3	15981 7.253	13779 48.179	2. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	17396 195. 7	######################################
XXXX *********************************	177000 x	11 W 90000 H 11 H 900000 H 11 H 11 H 11 H 11	NA WW 0000000000000000000000000000000000	24 60 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * 0 0 0 0 0 0 0 0 0 0 0 0	147000 147000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		# # # # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
		# # # # # # # # # # # # # # # # # # #	72000 7	01000 01000 01000 01000	# # # # # 0 0 0 0 0 0 0 0 0 0 0 0 0		* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	74000 4 74000 4 744000 4 744
A A A A A A A A A A A A A A A A A A A		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	VI 42 00 VI 00 RI * * * * *	0 9 0 M	* * * * * 0 0 0 0 0 0 0	# # # # # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * O O & O O P O O M: O	0.00 WW W W W W W W W W W W W W W W W W	H * 360°0 * 15
A A T U S A A T	* * * * * * * * * * * * * * * * * * *	I I O I O I O I O I O I O I O I O I O I	T	100 100 100 100 100 100 100 100 100 100	TH 50	10 1794 1404 1404	21 20 30 31 31 31 31 44 44 44	100 100 100 100 100 100 100 100 100 100	11 OHOO 10 OHO
# [P I I I I I I I I I I I I I I I I I I	* * * * * * * * * * * * * * * * * * *	62 44°0 * 149 41°9 * 6160 *	62 24 24 24 24 24 24 24 24 24 24 24 24 24	62 31.9 * 149 7.90 * 149 7.90 * *	61 58.0 # 151 51.0 # 1730 # #	61 47.9 * 147 48.0 * 4950 * 4	62 21. 149 16.2 *	61 57 2 4 149 56 0 4 870 4	62 26.35 x 149 41.6 x 1250 x
	**************************************	A A REPARENCE A A A A A A A A A A A A A A A A A A A	TALKEETNA RIV**	* * * * *	A A TOTAL A A TOTAL A A A TOTAL A A A TOTAL A A A A A A A A A A A A A A A A A A	A A TOUNG TAN A A SUN A TOUR A A SUN A TOUR A A A A A A A A A A A A A A A A A A A	HRON CREEK	KASHWITCA RIV	TALKEETNA BIVE
TO NO A PRIMARY CO. SLAND ON CHREAD CO. SLAND	**************************************	GOLO MATANUSKA-SII Undeveloped	GRANITE GORGE MATANUSKA+SU UNDEVELOPED	GREENSTONE MATANUSKA:SU UNDEVELOPED	HAYES MATANUSKA-SU Undeveloped	HICKS SITE MATANUSKA:SU UNDEVELUPED	IRON CREEK MATANUSKA-SU UNDEVELOPED	KASHWITNA MATANUSKA+SU UNDEVELOPED	KEETNA MATANUSKATSU INDRVELOPED
######################################	**************************************	# AK6NPAC1.00 # AKLUCA1.00 OFC DFC B # # # # # # # # # # # # # # # # # #	* AK7NPA0191 * AK7NPA0191 * AK7NPA0191 * AKU04WN * AK0 PFC WN * AK0 PF	# AK4NPA0192 # # AKU0483 # # # OFG II # # # # # # # # # # # # # # # # # #	AKENPAD193 ** AKENPAD193 ** AKUG440 ** S. J. DFC I **	AKGNBAO194 * AKUNBAO194 * AKUO441 * AKUU441 *	* * * * * * * * * * * * * * * * * * *	* AK6NPA0196 * AK6NPA0196 * AK6NPA0145 * AKU0445 * AK6NPA0145 * AK6NPA	* AKONDAO197 * A AKUOA47 * OFF T

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.28.57 PAGE 22 OF TABLE 1

* CANAR ARABAMAN A * COLYDONION A * COLYDONION A * COLYDONION A * COLYDONION A * CANAR	***		****		***	* * * * *		. * * * * 4	****
A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	14681 14681 69 913	N. N. 24 VI 26 N. 60 C.	4 M W 4 M 4 M 4 M 4 M 4 M	19890 18,907	17837	8102 114 12	800 800 900 900 900 900 900 900 900 900	7713°6 77.13°6	# 9 000 00 # # 000 00 # # # # # # # # #
######################################	# # # # # # # # # # # # # # # # # # #	11 0000 000 000 000	44 000 000 4 # # # #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M W OOO	710000	# # # # # 0000 000 000 000 000 000 000 0	7	# # # # # # # # # # # # # # # # # # #
AMANAMANAMANAMANAMANAMANAMANAMANAMANAMA	# # # # # # # # # # # # # # # # # # #	0000 0000 0000 0000 0000	10000 10000 10000 10000	2400000 4 4 000000	0000	15000		N N	# 0000M # 0000M # 0000M
# # # # # # # # # # # # # # # # # # #	4		M M M M M M M M M M M M M M M M M M M	* * * * * 0 0 0 0 0 0 0 0 0	000 000 000 000 000		* * * * * * O O * O O O O O O O O O O O	10 00 00 00 00 00 00 00 00 00 00 00 00 0	240.0 x 0 x 0 x 273.1 x
***	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	X	10360.01	T T 10. 1771. 0771	M	11.0 10.046.0 1.946.0	1.02 1.02 4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.	本 本 中 中 中 中 中 中 中 中 中 中 中 中 中 中 中 中 中 中
* * * * * * * * * * * * * * * * * * *	**************************************	4 M 4 M 4 M 6 M 6 M	62 26.0 151 27.9	150 4.9 6280	* * * * * * * * * * * * * * * * * * *	62 55.0 149 57.9	62 57 0 x 146 22 0 x 485	51 48.0 148 41.9	60 017 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ANNAMENTAL STATES OF STATE	EER COREER COREER	TER LAKE CREEK	SUSTINA AT VER	CHULITNA RIVE	CHULITNA RIVE	MCLAREN RIVER	* * A TR A ROUNG FAR	CTULITINA EMVERA CHASHARARARARARARARARARARARARARARARARARAR
* D.	K X Z D	LAKE CREEK LOWER MATANUSKA⇒SU L UNDEVELOPED	LAKE CREEK UPPER MATANUSKA-SU L UNDEVELDPED	LANF MATANUSKA-SU Undeveloped	LOWER CHULITNA MATANUSKA-SU UNDEVELOPED	LUGV MATANUSKA-SU UNDEVELOPED	MCLAREN RIVER MATANUSKA-SU UNDEVELOPED	MODSE CREEK Matanuska-su Undeveloped	DHIO MATANUSKA-SU CHULITNA FIN UNDEVELOPED
**************************************		AKENPAO199 * AKUCAST * 5 DFC I *	AKTNPAO200 ** AKU0458 ** S DFC I **	AK6NPAC201 * AKU0459 * * A	AKGNPADEDE * AKUQ462 * 6 DFC D *	AKENPAGEGE ** AKUG463 ** S DFC I **	AK6NPA0204 * AKU0465 * 5 DFC I *	AKENPAGGGS * AKU0468 * 6 DFC I *	* AK6NDA0000 * * AKU0470 * * AKU0470 * * * * * * * * * * * * * * * * * * *

COOKI ARTO CONTROL COOKIA EN COOKIA	:	* * * * *	*****		8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*****			
	***			****	* * * * * * * * * * * * * * * * * * *	****	****	****	***
NOC 8 0001 (8 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 /	91.14	32328 99.777	1474. 30.550	2000 2000 2000 2000 2000 2000 2000 200	14713	30 30 40 40 40	10978	1 96 30	10988
ANX	* * * * * * * * * * * * * * * * * * *	M W W W W W W W W W W W W W W W W W W W	24 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # OOOOO MM	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # #	* * * 00000 6 m 11	1 W 7 0 0 0 7 W 1 4 4 0 0 0 0 7 W 1	0000
	2	67000 67000 67000 6444	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0004m		0000	750007		* * * * * * * * * * * * * * * * * * *
AC TO	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	60000 60000 60000 60000	M 4 W W W W W W W W W W W W W W W W W W	**** 000° 000°	* * * * *	130°0 130°0 100°0	A A B A B B B B B B B B B B B B B B B B	* * 0000 MACOOO
AVE. G	# # # # # # # # # # # # # # # # # # #	IS IS 2040-05	2 H 20 C 20 C 2	11 0 10 0 10 10 10 10 10 10 10 10 10 10	II SO	10.00	# # # # # # # # # # # # # # # # # # #	T 11 20 20 20 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *
CATITUDE * ONGITUDE * OR.AREA * (D M.M) * (O M.M) * (SO.MI) *	61 WW 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	61. 455. 1.48 0.0 1.082 + +	61 49°9 148 150°0 89 *	62 18.3 # 149 27.9 # 368 #	61 31.9 152 7.0 *	61 29°0 151 58°0 151 58°9	61 51.9 151 22.0	61 45.9 151 27.9	62 21.9
***** *****	**************************************	MATANUOKA ANIA KA	BOULOER CREEK*	STEER CREEK	SKEENTINA DIVER	RELUGA PIVER *	* * * * * * * * * * * * * * * * * * *	RIVER TALACHULITNA *	A (SHEEP) A HALKERINA RIVA
2 10 NO * PRIMARY CO. TNAME OF STREATING TO * DRIMARY CO. TWO E CODE * STATUS * STATUS * STATUS *	**************************************	PURINTON CREEK MATANUSKA-SU UNDEVELOPEO	RUSH LAKE MATANUSKA-SU UNDEVELOPED	SHEEP CREEK MATANUSKA-SU UNDEVELOPED	SKWENTNA (HAYES) MATANUSKA÷SU Undeveldped	STRANCLINE LAKE MATANUSKA#SU UNDEVELOPED	TALACHULITNA MATANUSKA-SU UNDFVELOPED	TALACHULITNA R MATANUSKA#SU UNDEVELOPED	R TALKEETNA RIVER (SHEEP) R MATANUSKA-SU TALKEETNA
ACT CODE CODE A TICL CODE CODE CODE CODE CODE CODE CODE CODE	**************************************	AKGNPAD208 ** AKU0484 ** SOFC II **	AKTNPADDO9 AKIO486 ** 6 DFC I **	AKENPAO210 * AKUG490 * S DFC I *	AKENPADZ11 * AKU0494 * Z DFC D *	AK7NPA0212 * AKU0500 * 5 DFC I *	AKENPAO213 * AKU0503 * 6 OFC D *	AKÉNPACZ14 ** AKUOSC4 ** S DFC I **	* AKONPACETS * AKUOSOS *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.28.58 PAGE 24 OF TABLE 1

* EU -	**************************************				1004	****		2018 2010	
######################################	# # # # # # # # # # # # # # # # # # #	22281	10160 47 • 40	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6256a 17.979	2 4 8 6 5 0	1681 446 446	36940	5994.6 100.76
######################################	**************************************	000000000000000000000000000000000000000	2160000	12	0 0000 mm	* * * 0 0 7 0 0 0 0 0 0 0 0 0 0 0 0 0 7	368000 368000 3680000	* * * * * 0.000096	* # 000.06.00 86.00
CONTRACTOR STANDACTOR		184000 1840000 19840000	4 100002 4 100002 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	646609 646609 846609	792000 792000 792000	478000 478000 4 * * * * *	8 9 0 0 0 0 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4	219000 219000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1400 4 * 00041
*****		01 02 03 03 03 03 03 03 03 03 03 03 03 03 03	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	00000000000000000000000000000000000000	3 US C C C C C C C C C C C C C C C C C C	44 RU CO	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M
A VE DER DER DER DER DER DER DER DER DER DE		N N N N N N N N N N N N N N N N N N N	# # # O # M L M M M M M M M M M M M M M M M M M	T T T T T T T T T T T T T T T T T T T	CREATE AND	K # # O # W # O # W # O # W # O # W # O # W # W	II.0 0.00 0.00 0.00 0.00 0.00 0.00 0.00	H IS 17611.04	1 0 0 0 0 1 1 1 1 1 1 0 0 0 0 1 1
LATITUDE FONGITUDE DR.AREA (D M.M.)		150 33.9 150 11.9	62 32.9 149 3.0	62 42.0 147 32.0 4140	62 48.9 148 30.9 1 5180	62 48,9 148 30,9 5180	62 28.0 150 7.9	61 36.9 150 32.0 4 6400	62 43.0 160 26.9 *
₹ ₩ ₩ ₩	TALKEETNA RIV	CHULITNA RIVE	TALKEETNA RIV**	ASOLANA RIVERS	SUSTANA PACEDA	PREDUAL ANDERES	* * * * * * * * * * * * * * * * * * *	**************************************	ANVIK RIVER ANVIK RIVER * UNDEVELOPED *
PRIMARY CO. INAME DENER	TALKEETNA 2 MATANUSKAIS UNDEVELOPED	TOKTCHITNA MATANUSKA-SU UNDEVELOPED	TRAPPER MATANUSKA-SU UNDEVELOPED	VEE USB4 PROPOSAL Matanuska-su se Undeveloped	WATANA NPA PROPOSAL Matanuska-su susi Undeveloped	WATANA USBR P Mataniska-sii Undeveloped	WHISKERS MATANUSKA-SU UNDEYELDPED	YENTNA MATANUSKA-SE Undeveloped	ANVIK RIVER NOME UNDEVELOPED
**************************************		* AKENPAD218 * A AKIONIN * A AKIONIN * A KIONIN * A KIO	* AKTNPA0219 * * AKU0515 * * 5 DFC I *	* AK7NPA0220 * * AKU0521 * * 6 OFA: E *	AKENPAGER A AKUGER A AKUGER A AKUGER A	AKONPADEEL A AKUOSEE A A 6 DFC EE A	* AK6NPA0223 * AKCNPA0223 * AKCO324 * AKCO324 * * * * * * * * * * * * * * * * * * *	* AK6NPA0224 * AKU0327 * A	# AKENDA0391 # # AKENDA0391 # # AKU0317 # # # # # # # # # # # # # # # # # # #

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,58

ACTV DEP * CODE * FILE * STATUS *	PRIMARY CONA	A PA 1 TO NO & PRIMARY CO. SNAME OF STREAM &L	**	ATUS	X. STOR. X	INC. CAP.	女になり しょうじょうしょう こうりょう しゅうしゅう マラウエタ マラン・ファット・ファット・ファット・ファット・ファット・ファット・ファット・ファット	באניאפי רכס	TEDEBURGACE COM
	₩ X X O	# # # # # # # # # # # # # # # # # # #	A X X C C C C C C C C C C C C C C C C C		*		X (INE)	(1000 G) (G/REH)	္ ေ
**************************************	**************************************	**************************************	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	在		2			
AKTNPADDRY # AKU0383 # P	SALMON LAKE Nome Undeveloped	KRUZGAMEPA WIA	64 54.9 * 165 0.0 * 107 *	# # # # # 60 90 90 90 90 90 90 90 90 90 90 90 90 90	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0000	# # # # # # # # # # # # # # # # #	1200 1200 1200 1200 1200 1200 1200 1200	****
AKENPACEZER * A AKUO384 * 1	TUKSUK NOME UNDEVELOPED	TUKBUK CHANELA	65 13,8 x 156 1.4 x 4275 x	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * *	00099	****	14161 49. 2	****
AKTNPADD44 # B AKTNPADD44 # B AKTNPSSS # C	BADGER BAY LAKE OUTER KETCHI UNDEVELOPED	E BADGER BAY LA*	125 140 140 140 150 150 150 150 150 150 150 150 150 15	2 H 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M W W W W W W W W W W W W W W W W W W W	000	** * * * *	1125. 56. 285.	****
AKTINDADORAN AKUDRNO S DFC II *	BAKEMELL ARM DUTER KETCHI UNDEVELOPED	84 X 8 X 8 X 8 X 8 X 8 X 8 X 8 X 8 X 8 X	55 18 0 1 130 41 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # 50 50 00 00 00 00 00 00 00 00 00 00 00 0	W W W W W W W W W W W W W W W W W W W	000 88 80 00 88 88 88 88 88 88 88 88 88	N 1000000000000000000000000000000000000	1464.4 69.736	
A A A V N P A C O P C C C C C C C C C C C C C C C C C	CHECATS OUTER KETCHI INDEVELOPED	CIECA-48 CA CA-48	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * 00 00	24 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 SER	37410 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * *
AKPNPADOGY # AKOOOLS # AKO	CHESTER LAKE OUTER KETCHI - NICHOLS OFI METLAKATLA POWER & LIGHT	* NICHOLS OFFSHY * * LIGHT & CISH	135 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * O * O * O * O * O * O * O *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 15 85 16 16 16 16		2	# 1015 # 1005 # 1005
AK6NPA0247 * AKU0256 * 6 DFC I *	CHICKAMIN RIVER DUTER KETCHI UNDEVELOPED	** OLICKANIN DILC	130 37°3	# # # # # # # # # # # # # # # # # # #	70.0	1180000	727000	6. W	****
A AKANDAONAGO A A AKUONONA A AKUONONA A AKUONONA A A AKUONONA A A A A A A A A A A A A A A A A A	* AKTNPAC248 * DAVTS RIVER * AKUC268 * DUTER KETCHI DAVIS RIVER * 6 DFC I * UNDEVELOPED	4	130 43 W	* * * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0	0 00 M	10000000000000000000000000000000000000	1 1 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1		· · · · · · · · · · · · · · · · · · ·

DATE 14 FEB B1 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,58

* SON	* * * * * * * *	****	****			****	****	****	***
* NOTE W	* * *								
ACCONTACTOR ACCONTACTOR NO CONTACTOR NO CONT	# # # #								
ERC ERC (SEQUE	在 在 在								
	* * * * * * * *	****	****	****	****	****	****	****	****
* * * * * * * * * * * * * * * * * * *	# M = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 =	54.0 5.04.7	1852.4 92.624	2603.4 41.990	124	8 . W Q. RI V.	900	60 C	930 a
ANUL COS ANUL COS (1000 S) (8/MH)	*	in the	€ 0	vi 4 € 11 O 2	32.11	996	45 45 40 40 40 4	M 48	V1 4.
****	* * * * * *	****	****		000	*****	****	044	****
* O * * E Z Z Z X P W W W W W W W W W W W W W W W W W W	# CC # 151.05 # 0-0-	39000 39000	2000	6200	000000000000000000000000000000000000000	16000	6437	M W M W	64000
* # # # # # # # # # # # # # # # # # # #	# # #								1
*	* * * * * * 0 0 0 * 0 0	0000	2000	14000	0000	****	* * * * *	000	* * * * * * * * * * * * * * * * * * *
# W H H H H H H H H H H H H H H H H H H	# N N	8 8	N N	44	140	3 20 0	11 00 00 00 00 00 00 00 00 00 00 00 00 0	700	15000
*HUF *XZO									4
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * *	00-	000	000	****	****	* * * * *	000	* * * *
* * * * * * * * * * * * * * * * * * *	# 00 # # 00 # # 00 #	60°0 12000 862.1	299,	4 6 5 5	15.0 61000 1241.0	101	21	35 1266	7 7
* TO	K K								:
	* * * * *	* * * 5 *	* * * * *	****	****	* * * * *	****	* * * * *	****
-		113,04	105.01	44 0 0 1 W	27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # 0 # # # # # # # # # # # # # # # #	* * * ¢ 0 ° 6 M	****
* 1 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4	* 4	100 1100 1110 1100 1100 1100 1100 1100	I SO	A B B B B B B B B B B B B B B B B B B B	# # # # # # # # # # # # # # # # # # #	oc oc o	2 2 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Ç	1
* a	在 所	0.00 1 I I I I I I I I I I I I I I I I I I I	* * * * * * * * * * * * * * * * * * *	0, •4 0, 1 1 H 00 1 H	T # # # # # # # # # # # # # # # # # # #	0.4 0.4 11 20 4	# # # # # # # # # # # # # # #	T # # # # # # # # # # # # # # # # # # #	4
* a	REPORT OF THE POPULATION OF TH	0 00 00 00 00 00 00 00 00 00 00 00 00 0	36.0 * T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	55.0 * * * 5.0 * * * * * * * * * * * * * * * * * * *	20 MV CO = 0 T = 4 MV	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	105-0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4
TUDE PRESENTATION OF A MANAGEMENT OF A MANAGEM	在 所	T + 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 51	1 4 0 0 0 0 1 4 4 1 0 0 0 0 1 4 4 1 0 0 0 1 4 4 1 0 0 0 1 4 4 1 0 0 0 1 0 0 1 0 0 0 0	* * * * * * * * * * * * * * * * * * *	0.00 * * * * * * 20	* USO NO.9 * T * 130 47.0 * TO	1	# 100 000 000 000 000 000 000 000 000 00
A LATITUDE A PARA PARA PARA PARA PARA PARA PARA P	######################################	## 10.90 40.00 TEK* 10.00 10.0	7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	T * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 *	1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CRE# 130 40 9 # II	CEFF* 130 26°0 * I	# US MI10 9 # X 100 4 W 100 4
A LATITUDE A PARA PARA PARA PARA PARA PARA PARA P	######################################	CARREK * 105.40 0 0 1 T	7	CARRES 130 0.0 A 4 A 130 W.4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A	A 1 4 0 0 0 0 0 4 T 4 0 0 0 0 0 0 0 0 0 0 0	1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CRE# 130 40 9 # II	BOML CRE* 130 440 4 1 60 8 1 8 W7 0 0 4 1 0 0 4 1 0 0 4 1 0 0 4 1 0 0 1 1 0 0 1 0 1	# US MI10 9 # X 100 4 W 100 4
A LATITUDE A PARA PARA PARA PARA PARA PARA PARA P	######################################	## 10.90 40.00 TEK* 10.00 10.0	7	1	T * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 *	# 55 8 0 # II MARTEN LAKE # 130 W7.0 # 148 # 66 # 4 488	CRE# 130 40 9 # II	BOML CRE* 130 440 4 1 60 8 1 8 W7 0 0 4 1 0 0 4 1 0 0 4 1 0 0 4 1 0 0 1 1 0 0 1 0 1	# US MI10 9 # X 100 4 W 100 4
A LATITUDE A PARA PARA PARA PARA PARA PARA PARA P		STANITE CREEK 190 600 A T	LAKE	KE. * SS 0.9 * H. T. HUMPBACK CREE* 130 37.9 * 10 84 84 84 84 84 84 84 84 84 84 84 84 84	# 555 56.0 A H ES 4 130 51.0 A H S 64.0 A 18 64.1 A	# 55 8 0 # II MARTEN LAKE # 130 W7.0 # 148 # 66 # 4 488	KR LOWER * 155 30,9 * H PUNCHBOWL CRE* 130 47,6 * 165 * 181 * 183 * 189	UPPER * SUN ROSO * I PERNCHBUM! CRE* 1300 440 * I W W W W W W W W W W W W W W W W W W	# US MI10 9 # X 100 4 W 100 4
A LATITUDE A PARA PARA PARA PARA PARA PARA PARA P		STANITE CREEK 190 600 A T	LAKE	KE. * SS 0.9 * H. T. HUMPBACK CREE* 130 37.9 * 10 84 84 84 84 84 84 84 84 84 84 84 84 84	# 555 56.0 A H ES 4 130 51.0 A H S 64.0 A 18 64.1 A	# 55 8 0 # II MARTEN LAKE # 130 W7.0 # 148 # 66 # 4 488	KR LOWER * 155 30,9 * H PUNCHBOWL CRE* 130 47,6 * 165 * 181 * 183 * 189	UPPER * SUN ROSO * I PERNCHBUM! CRE* 1300 440 * I W W W W W W W W W W W W W W W W W W	# US MI10 9 # X 100 4 W 100 4
A LATITUDE A PARA PARA PARA PARA PARA PARA PARA P	KETCHI EAGLE LAKE * 101 200 4 10 CLOPED	STANITE CREEK 190 600 A T	LAKE	KE. * SS 0.9 * H. T. HUMPBACK CREE* 130 37.9 * 10 84 84 84 84 84 84 84 84 84 84 84 84 84	# 555 56.0 A H ES 4 130 51.0 A H S 64.0 A 18 64.1 A	# 55 8 0 # II MARTEN LAKE # 130 W7.0 # 148 # 66 # 4 488	KR LOWER * 155 30,9 * H PUNCHBOWL CRE* 130 47,6 * 165 * 181 * 183 * 189	UPPER * SUN ROSO * I PERNCHBUM! CRE* 1300 440 * I W W W W W W W W W W W W W W W W W W	H US MIN 9 H H H H H H H H H H H H H H H H H H
ALALARARARARARARARARARARARARARARARARARA	TATELE TO SELECT THE SELECT SE	GRANITE CREEK # 55 40.0 * H BUTER KETCHI GRANITE CREEK* 130 55.0 * IS UNDEVELOPED * 9 * 113	7	CARRES 130 0.0 A 4 A 130 W.4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A	A 1 4 0 0 0 0 0 4 T 4 0 0 0 0 0 0 0 0 0 0 0	1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CRE# 130 40 9 # II	BOML CRE* 130 440 4 1 60 8 1 8 W7 0 0 4 1 0 0 4 1 0 0 4 1 0 0 4 1 0 0 1 1 0 0 1 0 1	H US MIN 9 H H H H H H H H H H H H H H H H H H
ALALARARARARARARARARARARARARARARARARARA	TATELE TO SELECT THE SELECT SE	* GRANITE CREEK * DUTER KETCHI GRANITE CREEK* 130 55.0 * IS * UNDEVELOPED * * ODEVELOPED	* HIDDEN INLET LAKE * 54 58.0 * H * OUTER KETCHI WATERFALLS CR* 130 22.0 * 105 * ONDEVELOPED * 105	* HIMPBACK LAKE * DUTER KETCHI HUMPBACK CREE* 130 37.9 * 10 * UNDEVELOPED * 34 * 54	* LEDVIC * SS S6.0 * H * DUTER KETCHY LEDUC RIVER * 130 S1.0 * 18 * UNDFVELOPED * 7 * 84	* MARTEN ARM LAKE * 55 8.0 * H * OUTFN KETCHT MARTEN LAKE * 130 37.0 * 18 * UNDFVELOPED * 6 * 48	* * 55 30°9 * H * PHNCHBOWL LAKE LOWER * 55 30°9 * H * OUTER KETCHI PUNCHBOWL CRE* 130 47°0 * IS * UNDFVELOPED * 153 * 153	* PUNCHSOMILAKE UPPER * 55 26.0 * I * OUTER KETCHI PUNCHBOWL CRE* 130 44.0 * IS * UNDEVELOPED * X * UT.0	H US MIN 9 H H H H H H H H H H H H H H H H H H
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	TATELE TO SELECT THE SELECT SE	GRANITE CREEK # 55 40.0 * H BUTER KETCHI GRANITE CREEK* 130 55.0 * IS UNDEVELOPED * 9 * 113	HIDDEN INLET LAKE * 54 56.0 * H DUTER KETCHI WATERFALLS CR* 130 22.0 * 105 UNDRYELDPED * 105	HUMPBACK LAKE * 55 0.9 * H GUTER KETCHI HUMPBACK CREE* 130 37.9 * 10 UNDEVELOPED * 34 *	LEDUIC * SIS SOS * T DULER KETCHT LEDUC RIVER * 130 S1.0 * IS UNDFVELOPED * * * 84	MARYEN ARM LAKE * 130 37.0 * H CUTFR KETCHI MARTEN LAKE * 130 37.0 * 18 UNDFVELDPED * 6 * 48	PHNCHBOWL LAKE LOWER * 55 30.9 * H OUTER KETCHI PUNCHBOWL CRE* 130 47.0 * IS UNDFVELOPED * 153	PUNCHSOWL LAKE UPPER * 55 26.0 * H OUTER KETCHI PUNCHBOWL CRE* 130 44.0 * 18 UNDEVELOPED * 3 * 37.0	* DUNCHBOWL CREEK * DUTER KETCHT PUNCHBOWL CR * 130 455.9 * * UNDEVELOPED

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,58

ACCONDITIONS ACCON	2								**************************************
	**************************************	24 W W W W W W W W W W W W W W W W W W W	2246.7 27.687 * * * *	80 to	600 600 600 600 600 600 600 600 600 600	00 00 00 00 00 00 00 00 00 00 00 00 00		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1006000 1006000 100.001 100.001
	**************************************	0000	# # # # # 00000 m m	7 4 0000 A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M W 46 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A THE PROPERTY AND A SECOND SE	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100000000000000000000000000000000000000	71000 # 71000 # # # # # # # # # # # # # # # # # #
**** *****	# # # # # # # # # # # # # # # # # # #	W W	1,9000	15000 15000	8 8 0 0 0	10000	00000	24 000 24 24 26 26	10000 10000 10000 10000 10000
######################################	# # O O O O O O	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N N N	* * * * * * * * * * * * * * * * * * *	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	17000 # # # # # # # # # # # # # # # # # #	4 0.00 4 10.00 P 4 17 0.00 P 4 17 0.00 P 4 10.00 P 4 10.
****	*** # #								
44.04.04.04.04.04.04.04.04.04.04.04.04.0	* * * * * * * * * * * * * * * * * * *	Z H	2 H	IS 207.0	E	11.08.01.09.01.09.00.00.00.00.00.00.00.00.00.00.00.00.	11. 80. 10.	115.0	*
* a. O (0 km) o km	* 0 • 0 + *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 0.7*	8 207	8 8 9 8	155 155 0 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 216	115.0	150 200 0 T
**************************************	44444444444444444444444444444444444444	0 M 0 0 4 0 0 4 0 0 4 0 0 4 0 1 H	1	W 198.0 * I W 1.0 P 1.0	6 02. * T 30 10.0 * 18 65 * 866.	20 4 4 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	9.0 T T W 10.0 1 11.5.0 1 11.5.0	4 0 000 000 4 4 000 000 4 4 000 000 4
**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T	TI 4 D. WIN WIN # TONIH # CO. WO. A CO. WATER # A CO. WATE	AKG CREEK * 131 4.9 * 1507	VER # 150 02. * 18 65	A US NG.O A I CAMER 101 W7.9 A 10 A 1 A 10 A 10 A 4 A 10 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A	* 556 0.0 * T LA* 131 30.9 * T * 151 * 9.1 * 7.16	# 56 9.0 # I MINOR * 131 3.9 * 18 10 * 15.0 * 115.0	本 100 200 200 200 200 200 200 200 200 200

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,59 PAGE 28 OF TABLE 1

**************************************	**************************************	* 1012 * 1013 * 1008 *	****	****	****	# # # # # # # # # # # # # # # # # # #	****	****	# 2020 # 2020 # 2030 # 2000 # 2000 # 2000
**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	976. 44.367	940. 98.	80 80 60 00 60 00 60 00	946.08 49.941	7106.9 49.809	소 Nu 아 Ru 이 Ru 아 Ru 아 Ru	2024 204 004 008	1000 a 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	80 N	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4	00 00 20 00		* * 0000M * 0000M
* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* * * * * 0 0 0 9 M 11 T	* * * * * 0 0 0 0 0 0 0 0 0 0 0	44	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	000	* * * * * * * * * * * * * * * * * * *
*		* * * * * 0 O II 0 O II	0.00 0.00 0.00 0.00 0.00 0.00 0.00	10 m 0 m 0 m 0 m	2 4 2 6 0 6 0 0 10 1 8	M 00 00 00 00 00 00 00 00 00 00 00 00 00	7 00 10 00 00 00	* * * * * * * * * * * * * * * * * * *	MUS.O. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
******	* * * * * * * * * * * * * * * * * * *	* * * # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	130.04	****	0.04	* * * * *	**************************************	* * * * * * * * * * * * * * * * * * *
* G * G * G * G * G * G * G * G * G * G	* UP * OF * = * * SO * III	T m	ı H	x H	T =	I H	I O	I H	0 # 1 # #
****		136 32 32 33 34 34 34 34 34 34 34 34 34 34 34 34	1 M2 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55 0.0 * H 132 22.9 * 18	55 1.99 # H 132 15.0 # H 8 # 18	132 26.0 * T 232 27 * T 23 27 * T 33	550 M1. 7 * # 10 M2	1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 00 00 100 00 100 00 100 00 100 00 100
**************************************		TACK BEAR CR* 192 0 5 5 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		000 •00= 0 •== 0 •= 0 •	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A K NO WALE Y A K NO WALE Y NO WALE A LINED IN MARK A K NO WALE A	100 000 000 000 000 000 000 000 000 000	**************************************
ARAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKA	**************************************	BLACK BEAR LAKE * 56 32.9 * PRINCE OF WA BLACK BEAR CR* 132 0.5 * UNDEVELOPED * 1 *	KEGAN CREEK * 55 1.1 * PRINCE OF WA KEGAN CREEK * 130 9.2 * UNDEVELOPED * 4 9 * *	* * * * * * * * * * * * * * * * * * *	CREEK * 132 15.0 * H	LAKE MARY * 55 26.0 * PRINCE OF WA OLD FRANKS CR* 132 29.0 * UNDEVELOPED * 27 *	TINKUM * 550 31.7 * PRINCE OF WA LINKUM OR KAS* 1562 25.9 * PACIFIC AMERICAN FISH * 1 12 25.9 * PACIFIC AMERICAN FISH * 1 1 2	CREEK * 130 107.00 * T	o ±

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,59

AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA			* * * * *	****	****	****	****		***************************************
# F OO O O O O O O O O O O O O O O O O O	609 96 107 • 1	1492.2 109.88	88.55 8.55 8.69 1.42	1866. 186. 186.	60 0 50 4 50 6 50 6 60 10	814.84 163.84	779.13 77.918	597.79 61.756	10000 0 100 100 100 100 100 100 100 100
		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		10 10 10 10 10 10 10 10 10 10 10 10 10 1	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *		
* * * * * * * * * * * * * * * * * * *		0 00 mm	0 0 0 0 0 0 0 0 0 0 0 0 0 0	11000	0000	000 000 000	0 0 0 m m	0 0 0 0 0 0	17000 17000
*****	K	10 00 00 00 00 00 00 00 00 00 00 00 00 0	* * * * * 0.00 % 0.00 % 0.00 % 0.00 %	116.00	* * * * *	# # # # # O O O O	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		* * * * * * * * * * * * * * * * * * *
* C	# # O * O L # # O * O L # # # # # # # # # # # # # # # # # # #	1100 170 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	TH 50 M	E # # # # # # # # # # # # # # # # # # #	* * * * * © • • • • • •	# # # # # # # # # # # # # # # # # # #	0 IH	O 0 20 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
*	# # # # # # # # # # # # # # # # # # #	18 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	20 00 00 00 00 00 00 00 00 00 00 00 00 0	55 14.0 ** 132 34.9 *	* * * * * 0 * 00 0 * 00 0 * 00 10 * 01 10 *	56 42 9 44 45 45 45 45 45 45 45 45 45 45 45 45	88 88 88 88 88 88 88 88 88 88 88 88 88	25 MA WA	1515 42 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
* %	**************************************	KE NECK ISLAND L**	x	* * * * * * * * * * * * * * * * * * *	KARTA RIVER *	T T T T T T T T T T T T T T T T T T T	SUKKWAN LAKE	SCHAIT LAKE	THORNE PRINCE OF WA THORNE RIVER A UNDEVELOPED
**************************************	**************************************	NECK TSLAND LAKE PRINCE OF WA N UNDEVELOPED	NIBLACK LAKE PRINCE OF MA UNDEVELOPED	REYNOLDS CREEK PRINCE OF WA UNDEVELOPED	SALMON LAKE PRINCE OF WA UNDEVELOPED	SHIPLEY LAKE PRINCE OF WA UNDEVELOPED	SUKKWAN LAKE PRINCE OF WA UNDEVELOPED	SUMMIT LAKE PRINCE OF WA UNDEVELOPED	THORNE PRINCE OF WA UNDEVELOPED
# # # # # # # # # # # # # # # # # # #	**************************************	N G N C N C N C N C N C N C N C N C N C	NTBL A PRINC UNDEV	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	SAL PRIL	SHIT TOWN	S A A A A A A A A A A A A A A A A A A A	##### #####	* AKANDAO264 * THORNE * AKUO209 * PRINCE * S OFC I * UNDEVEL

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,59 PAGE 30 OF TABLE 1

* U O G < 0	**************************************	***	****		****	****	****	****	
**************************************	* * * * * * * * * * * * * * * * * * *	899.43 81.467	••	1667.6 37.506	60 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	3760.3 60.215	2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0. 10. 10. 10. 10. 10. 10. 10. 10. 10. 1	4048 3 86.135
* * * * * * * * * * * * * * * * * * *		17476 17476 17476 1446 1446 1446	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		# # # # # # # # # # # # # # # # # # #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		# # # # # O O O C O O O IN IN NE NE	4 4 000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
RESERVED TO A SECOND TO A SECO	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4.4 0.00	15000	000	000	000	115000	000	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
TO T			110000 70000 70000	444 444 4444	11 10 00 00 00 00 00 00 00 00 00 00 00 0	* * * * * O O M O O O	M W CO O	10°0°0°1°1°1°1°1°1°1°1°1°1°1°1°1°1°1°1°	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000
* 50	* * * * * * * .				****	****			****
* * * * * * * * * * * * * * * * * * *	以 付 付 付 付 付 付 付 付 付 付 付 付 付 付 付 付 付 付 付	TH	T	# # # # # 60 80 80 80 80	A A A A A M D U U	T	* * * C * * O & C * O	2 I III	本本本の1000年
* C	#	iu Iu	* *	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ø	* * * * *	2801	es N	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
######################################	A CO O O O O O O O O O O O O O O O O O O	TETGLE LAKE 4 130 11a4 10 WIN	CURRY * 140 CO * 1 CO *	2	# # # # #	* * * * *	000 000 1111	T H * * * *	A CELLIE JUAN RA 1400 R7 O B H A O R7 O B H A O R7 O B H A O R
* * * * * * * * * * * * * * * * * * *	**************************************	WEIGLE LAKE * 55 3.9 * H PRINCE OF WA WEIGLE LAKE * 132 11.4 * 15	# 60 26.0 * I CPEEK * 149 49.1 * UP	CRESCENT LAKE 149 CO.O. T. T. CRESCENT LAKE 149 CO.O. T. T. C. T.	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# 60 24.0 # H RIVER # 149 37.0 # IS # 660 # 2801	CBEEK * 149 27.0 * 19.00	日 4 0 2 2 0 9 4 N

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,59

RECONOUTO A MANAGEMENT OF THE PROPERTY OF THE		****	****	1018	***	* * * * :	* * * * * *	***	· · · · · · · · · · · · · · · · · · ·
RACANAMA RECONNOTATION RECONNOTATION COMPOUNT RANK COMPOUNT RANK	化氢铁铁水水			1011					**************************************
K	*****	****	****	****	****	****	*****	****	****
C	######################################	39.728	15613 168 169 169 169	8665. 31.040.	13908	1 5 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1408.2 32.749	1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	10.483
TRY THE	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************	# # # # 0 0 0 0 9 88	14 14 14 14 14 14 14 14 14 14 14 14 14 1	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11000	**************************************
* X Z CI * W H F * * * * * *	* * * * * * * * :	****	****	****	****	****	*****		****
TATION OF THE CONTROL		6 6 6 6 6 8 6 8 6 8 8	18000	63000 63000 63000	11000	1100	0000	000 000 000 000	1400
	****	****	4 * * * *	* * * * *	****	****	*****	000	****
**************************************	# M # M # M # M # M # M # M # M # M # M	80°0 80000 817.6	270.0 232.1	310.0 652.	4000 W	78.0 6610 874.1	56.0 30120 1850.0	107	13000 1098.9
* * * * * * * * *	* * * * *	* * * * *	****	****	** * * *	* * * * *	****	* * * * * *	****
# # # # # # # # # # # # # # # # # # #	* 0	138.0	* * \$28.0*	710.014	683.0	0 0	0	4 36	0
A CATA CONTRACTOR A CONTRACTOR CO	a ni	11 SH	80	H 8 710.0	1 H 80 4 H	II N	11 St CO 4	₩.	on IH
* C. * * * * * * * * *	* UD # UD	10.00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	00 1 H # # # # # 00 00 00	## # # # ## # # # ## # # # ## # # #	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	ຄ ພ ຈ	0 84 0 84 7 8 8 80 80
	* UD # UD	* * * * *	* * * * * ** * * * * ** * * * *	# # # # #	## # # # ## # # # ## # # # ## # # #	T # # # #	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	156 24.0 * 11 134 45.0 * 13 13 * 13 * 130 * 130 * 100
# # # # # # # # # # # # # # # # # # #	**************************************	CRE* 149 11.9 * IS	020 * 101 09 * 2	# # # # # # # # # # # # # # # # # # #	A 60 31.9 A T CREEK 149 26.9 A I W	CREEK * 134 47.2 * IS	7 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	A 57 9.0 A H PIVER 134 52.9 A 18 32 A 486	A THE PASO A THE BATURIN CREEKA 1844 480 0 4 180 WG WA WO.
**************************************	**************************************	# 60 155 0 # # # # 169 111 # # # # # # # # # # # # # # # # #	* 140 41.9 * I	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 57 9.0 * H FR* 134 52.9 * 19 * 32 * 436	# 10 04 0 4 I

DATE 14 FER 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,28,39

* 26240	***************************************	****	****	******	***	# # # # # # # # # # # # # # # # # # #	***	***	***
ANUL - COST ENERGY COST (1000 B)	**************************************	728. 9 14.303	© ©	1081.7 44.516	1485. 39 45.	2849.8 58.160	818,46 107,91	11885 61.1880 61.1884	55 85 9 4 6 9 4 6 9 4 6 9 4 6 9 4 6 9 4 6 9 4 6 9 6 9
**************************************			* * * * *	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	W W	944	444	2 2 2 4 O N B M D T	601740
# # # # # # # # # # # # # # # # # # #		2000 2000 2000	0000	0000 0000 0000	& & &	10000	1,000	4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1500 1500 1500
******	E	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	110000 1110000 10000 10000 10000	W 00000 00000 00000	200 - 000 -	00000000000000000000000000000000000000	U U U	11.00.00.00.00.00.00.00.00.00.00.00.00.0	20 00 00 00 00 00 00 00 00 00 00 00 00 0
	* * * 6 *	****	* * * * *	****	****	* * * * *	****	****	***
**************************************	# # # # # # # # # # # # # # # # # # #	I SI	H 80 € 0 € 0 € 0 € 0 € 0 € 0 € 0 € 0 € 0	л 2 2 3 6 8	1001	E E E E E E E E E E E E E E E E E E E	Ø 9 1 ⊨:	SU SU SU SU SU SU SU SU SU SU SU SU SU S	80 M 10 12 №
* C - W - W - W - W - W - W - W - W - W -	* 82 * 4 * 0	, 0	57 3.7 * HS 135 11.4 * OF 38 * + 503.	vo vo		83 48 50 50		80 10 10	
A C C C C C C C C C C C C C C C C C C C	**************************************	RLANCHARD CREE 134 400 0 1 IS THE WAR TO THE TOTAL TOTA	7 We 7 H H H H H H H H H H H H H H H H H H	20 -00 -00 -00 -00 -00 -00 -00 -00 -00 -	# 56 37 3 1 1 # 56 37 3 1 1 BRENTWOOD CREP 134 40 0 1 13 # 135	1 0 0 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	6 36 W W W W W W W W W W W W W W W W W W	4 4 1.04 4 4 1.00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
TATINGS TANASTANASTANASTANASTANASTANASTANASTAN	**************************************	* * * * * * * * * * * * * * * * * * *	#	* 56 22.3 * I * 56 22.3 * I PDRT #ALT# 134 42.9 * IS	2	# 57 1.9 # I # 134 28.1 # 18 # 27 # 4 48.8	1	CREEK* 1940 SOON TO CREEK* 1944 SOON TO SOON T	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,00

T 1 10 NO 11	PRIMARY CO. * NAME OENER		** CONGITUDE ** CO ** AREA ** (CO ** A. A.) ** (CO ** A.) ** (CO ** A.)	~	E . B . C . B . C . B . C . B . C . B . C . B . C . B . C . B . C . C	2 E C C	0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A CREED A CLOOO A CREED A CREE	S C C	ERC NONECO SEGUENCE NA (SEGUENCE NA (SEGUENCE NA (SEGUENCE NA
****	**************************************	* Z	** ** ** ** ** ** ** ** ** ** ** ** **	* * * * * * * *	######################################	**************************************	* 0000 * * * * * * * * * * * * * * * * *	**************************************	**************************************	**************************************
.*****	DIANA LAKE Sitka Undeveldped	UNNAMED	0.00 0.00 0.00 0.00 0.00 0.00 0.00	. * * * * *	: # # # # # # # # # # # # # # # # # # #	24 24 20 20 24 34 34 34 34	0000	000000	MW W4 8.0 8.0 8.0 8.0	2016 2015 2022
AKYNPAOWS A AKUOSYS A DFC I A	DIDRICKSON LAKE SITKA UNDEVELOPED	DIDRICKSON LA	136 11e	0 *IN	130 °081	36.00 11.9000 11.9000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	914	
AKTNPADB27 * AKUO278 * AKUO278 * A	FINGER LAKE Sitka Undrveldped	PINGER CARE	7 2 2 2 2 2 3 2 3 3 4 4 3 3 4 4 3 3 4 4 3 3 4 4 3 3 4 4 3 3 4 3	****		0000 0000 0000	0 0 0 m	0000	6 10 10 10 10 10 10 10 10 10 10 10 10 10	
AKTNPAO328 * AKU0280 * OFC I *	FOUR FALLS LAKE SITKA UNDEVELOPED	E IINNAMED	4 104 45°	****	E E E E E E E E E E E E E E E E E E E	1348 1348 1348 1348 1348 1348	44 0 0 0 80 0 0 0	***** 00000 0000 0000	1076 53.822	
AKTNPAD399 & AKTO981 & AKTO981 & A	FURNHELM SITKA UNDEVELOPED	PURUHELM RIVE	* 136 23* * 134 48* * 134 48	*****	* * * C * OOU	0 0 0 9 0 0 9 0 0	00000 30000	* * * * *	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
AKTNPAOSSO # AKUORS6 # S DFC E #	GOM DING LAKE SITKA UNDEVELDPED	LOWER GOULDING LAKE	* 57 46 9 * 136 14 0	****	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C 49 49 C	250 000 000 000 000	1370 109.19	****
AKTNPADSS1 * AKUQS67 * S DFC E *	GOULDING LAKE SITKA Undeveloped	UPPER GOULDING LAKE	* 136 128 * * 136 128 * *	* * * * *	# # # # # # # # # # # # # # # # # # #	12000 12000 12000 12000	000	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7.00°00°00°00°00°00°00°00°00°00°00°00°00°	****
AKTNPA0332 * AKU0289 * 2 DFC I *	GREEN LAKE SITKA HNDEVELOPED	VUDQPAD RIVER	* 55 95 * 135 1	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * Un	1 W000 1 W000 1 W 000	16600	440000	3101.9	* 1016 * 1015 * 1015

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.00 PAGE 34 OF TABLE 1

**************************************	**************************************	****	** 2021 * 2019 * 2019 * * 2019	****	****	****	* * * * * * * * * * * * * * * * * * *	** 2019 ** 2017 ** 2018 ** ** 2018 ** **	
* + + + + + + + + + + + + + + + + + + +	表 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在	788 888 89. 888 888	1248.8 41.626	4272°7 64°738	886. 190. 190.	776.41 81.900	27.47.1	1290°3 101°3 101°3	716.22
A CAME A	**************************************	* * * * * 00 00 00 00 00 00 00 00 00 00	* * * * * 0 000 000 mm	* * * * * 0 0 0 0 9 9 9 9	44 0 0 0 0 4 4 4 4 4	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	117000	* * * * *	* * * * i
* * * * * * * * * * * * * * * * * * *		44 000	***** 0000 000 0000	160000000000000000000000000000000000000	* * * * * 0 000 11	* # # # # O IN IN O O O W W	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0000	本 本 本 表 表 表 表 表 表 表 の の の T
*****		0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0	**** 000 M 01 M 0	0 9- 0 0- 0 0- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * O M O IN M 99	在 在 200 0 M
**************************************	* * * * * * * * * * * * * * * * * * *	* * * C * M M	1100 P	1 1 00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	I N S S S S S S S S S S S S S S S S S S	10 10 10 10 10 10 10 10 10 10 10 10 10 1	E WAN	* * # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
**************************************		13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	57 11 00 11 134 49 00 95 95 95 95 95 95 95 95 95 95 95 95 95	13 20 9 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25 42 42 42 42 42 42 42 42 42 42 42 42 42	. 135 SS 7 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	56 30 0 134 57 9	134 47.0	134 44 0
* E	A NOT	NN UPPER	KASNYKU FALLOS	UNNAMED	UNNAMED	CNANAGO	MAKSOUTUF RIVE	MILK CREEK	* * * * * * * * * * * * * * * * * * *
**************************************	**************************************	HTDDEN FALLS LAKE UPPEI STTKA UNDFVELOPED	KASNYKU LAKE STTKA UNDEVELOPED	KELP SITKA Undfveldped	LAKP EKATERTNA Sitka Undeveloped	LAKF IRINA Sttka Lindfveloped	MAKSOUTOF RIVER SITKA Undfvelapeo	MILK LAKE Sttka Undeveldped	* AKTNDAD-295 * NAKVASSIN LAKE * AKTNDAD-395 * NAKVASSIN LAKE * STRUGUS * STRUGUS NAKVASSIN CRE* 134 44.0 * S OFF 1 * INDEVELOPED
* * * * * * * * * * * * * * * * * * *	A A CONDOCIONA A	* AK6NPA0334 * AKU0294 * A AKU0294 * *	* AKYNPA0335 * AKU0999 * * AKU099	* AK7NPA0336 * AKU0303 * AKU0303 * * 5 DFC I * *	* AKTNPA0337 * AKTNPA0337 * AKT0312	* AK6NPA0289 * AKIO120 * AKIO120 * * 5 DFA I * *	* AK7NPA0291 * AKH0129 * A DFC I *	* AKYNPAO294 * AKYNPAO294 * AKII0140 * * * 2 DFC I * *	# AK7NPA0295 # # AK7NPA0295 # # AK10145 # # # 5 DFC I # # # # # # # # # # # # # # # # # #

# HH		****	***	****			***	***	***
AC RCONOMIC RCONOMIC RCONOMIC RCO COMPONOMI RCO COMPONOMI RCO COMPONOMI RCO COMPONOMI RCO COMPONOMI RCO COMPONOMI RCO COMPONOMI (ORDURNO RANK)	New Control of the Co				2035				***
******	*	****	****	****	****	****	****	****	
# # # # # # # # # # # # # # # # # # #	**************************************	694.45	1810.7 50.819	836.35 47.129	128.36 73.507	2098.8	56 1 9 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1047.0	688,95 93,101
**************************************	K K K K K K K K K K K K K K K K K K K		# # # # # # # # # # # # # # # # # # #	0 00 00 00 00 00 00 00 00 00 00 00 00 0	20000 W 7000 ***	44 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * OM M IN IN 49 O O O		74 0004 4 * * *
**************************************		* * * * * * OOOO	* * * * * 0 0 0 0 0 0 0 0 0 0	44 000 000 4 4 6 6 8		****	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* * * OOM
*****		M M M M M M M M M M M M M M M M M M M	2 4 3 4 0 0 0	01 01 04 00 00 14 14 14 14 14 14 14 14 14 14 14 14 14	* * * * 0 0 0 0 0 0 0 0 0 0 0 0	7 14 14 14 14 14 14 14 14 14 14 14 14 14	4 4 4 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	18000 18000	00 00 00 00 00 00 00 00 00 00 00 00 00
**************************************		2 H	* * * * * * * * * * * * * * * * * * *	***** 0,0 0,0 0,0	100 000 1 150 000 1 1 1 1 1 1 1 1 1 1 1	30.9°0 × × ×	13 80 10 00 10 10 10	* * * * * * * * * * * * * * * * * * *	0.00 * 0.00 * 10.00 *
*0.	*	****			****	****	****		***
de tas tat									- 1
CATHURAL CON CONTRACTOR CONTRACTO	# 00 d # 00 d # 00 d # 00 d	36 24.0 134 40.0	56 39.0 134 41.0	57 38.0 135 48.0	57 34.7 136 7.8	56 34.9 134 57.9	56 41.0 134 19.9	56 17.5 134 39.4	57 1.3 135 7.0
* J * * * * * * * *	**************************************	* C	PARRY CREEK * 134 41.0	* 57 38.0 * 57 38.0 PATTERSON LAK* 135 48.0	* 57 344. ICAN CREEK* 136 7	# 56 34. UNNAMED # 134 57.	# 56 41 UNNAMED # 134 1	* 56 17. SHECKLEY CREE* 134 39	* * * * * * * * * * * * * * * * * * *
**************************************		# 56 24. PORT WALT# 134 40	CREEK * 134 45	* * * * * 4 	EX	**** OWN OWN OWN OWN OWN OWN OWN	* * * * * * * * * * * * * * * * * * *	CREEK 134 39	•

DATE 14 FEB AL NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.00 PAGE 1

* DECAM	*		****	***		***		****	* * * * * *
**************************************	化香香糖 化催化 电电阻 医电阻 医电阻 医电阻 医电阻 医电阻 医电阻 医电阻 医电阻 医电阻								3344.6 * 2015 34.480 * 2014 2017
*E	* * * * * * *	****	* * * * *	****	****	****	****	****	* * * * *
*00 OI	**************************************	1.0.1.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	1323 38.752	675 68.36 58.36	707 6 65 64	CO	110,13	107.80 125.80	MW 44 40 00 00 00 00 00 00 00 00 00 00 00
* 2 0 0	* * * * * * * * * * * * * * * * * * *	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	W W W W W W W W W W W W W W W W W W W		10867	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	09760 09760 09760 0978	发 医	* * * 000
* * * * * * * * * * * * * * * * * * *		***** OMM	* * * * * * O O O O O O O O O O O O O O		# # # # # O O O In In	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * *	74 m m m m m m m m m m m m m m m m m m m	# # # # # # # # # # # # # # # # # # #
* * * * * * * * * * * * * * * * * * *		00000 00000 00000 00000 0000	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 24 24 24 24 24 24 24 24 24 24 24 24 2	1500 1500 0.00 4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.	10.01 10.00 10.40	10 00 00 00 00 00 00 00 00 00 00 00 00 0	* * * * * * * * * * * * * * * * * * *
* 4 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	* * * * * * * * * * * * * * * * * * *	**** *** *** *** *** ***	* * * * * O b SD IN	* * * C * O * O * O * O * O * O * O * O	13 . 137 . 14 * * * * * * * * * * * * * * * * * *	100 100 100,00	4 4 4 C	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
***	* * * * * *			- • • •		****			* * * * *
· 변화	*	* * * * *		***					
LATITUDE LONGITUDE DR.AREA (D.M.M.) (SD.M.)	# 00 00 00 00 00 00 00 00 00 00 00 00 00	13 00 10 00 10 10 10 10 10 10 10 10 10 10	135 59.0	117 42 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M M C C C C C C C C C C C C C C C C C C	56 17.9 134 41.9	37 25.0 1 35 41.9	13.4 47.1 1.45 47.1 1.00 1	137 6-9 134 51-0 10 11-0
* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 56 26. POSTISLOF CRE* 134 41	88.0 89.0	4 4 6 6 9 • W	6 21 .3 34 41 .	* 56 17 9 * 56 17 9 PACKLEY CR * 134 41 5	7 25.0 35 41.	* 57 47 4 57 47 67 67 67 6 7 6 6 6 6 6 6 6 6 6 6 6	# 57 6.9 TAKATZ CREEK # 134 51.0
**************************************	7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	* * 35 26 26 28 1 34 41 41 41 41 41 41 41 41 41 41 41 41 41	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	A	CB * 136 17.9	# 57 25.0 CREEK # 135 41.	** 57 47 4 57 47 4 135 4 4 4 5 5 4 4 5 5 5 5 5 5 5 5 5 5 5 5	本 10.7 6.6 CREEK 本 10.4 10.1 本 10.4 10.1 本 10.4 10.1 本 11.6 4 11.6 6 11.6 7 11.6 8 1

DATE 14 FER 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,01 PAGE 37 OF TABLE 1

CODE CODE * FILE * STATUS *	ME OF STARRAN	*LONGITUDE	* 001410 *	4 CI 0301	HNC	TANCE COLUMN CAN	ENERGY COST	MARC RCDNIBLC * RKC NONECONDMICA
		600	(CF3)	(FT) * (FT) * (FT) * *		CHEE CHEE CHEE CHEE CHEE CHEE CHEE CHEE	(1000 S)	THE CHILD STATE OF COLLINGS AND CHILD STATE OF COLUMN STATE OF COL
**************************************	* TO O TO	# C 000 # 00	**************************************	4 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************	**************************************	**************************************	**************************************
ALSEK RIVER Skagway-yaku Undeveldped	ALSEK RIVER	138 7.1 11000	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	22 22 22 22 22 22 22 22 22 22 22 22 22	40653704 40653704 4 4 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	112493	
DAVEBAS CREEK SKAGWAY#YAKU INDEVELOPED	**************************************	135 2°C		10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O O O	4 4 4 4 0 0 0 0 0 0 0 0 11 44 0 0 0 0	1199.6 65.931	1019 1017 1020 4
DEWEY LAKES Skarmay=yaku	DEWEY CREEK	135 18.4	on E	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N 000 M	11000 W W 000 000 000	14 (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	1021
GOAT LAKE SKAGWAY+YAKU UNDEVELOPED	PITCHFORK FALS	139 31.0 135 11.0		18668	10000	44 000 000 000	12 12 12 12 12 12 12 12 12 12 12 12 12 1	2018 2018 2018 2008 3
KOOK LAKE Bragwayayii Undrveloped	KOOK CREEK	10.4 20.0 10.4 50.0 10.0 10.0	T 150 150 . T		000	000	000 000 000 000 000 000 000	
PELTCAN Skacway-yaku Undeveldped	PELICAN COVE	136 12.9 136 13.9	00 W 30 8 00 11 H	000 000 000 000 000 000 000 000 000 00	44 44 COO	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ተ ማ ተ ማ ተ ማ ተ ማ ተ	***
SITKOM LAKE SKADWAY=YAKU UNDFVELOPFO	SITKON CREEK	13 30 4 3 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	50 27 8 50 1. ht	* * * * * * * * * * * * * * * * * * *	44 000 00 00 00 00 00 00 00 00 00 00 00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	948.73 137.85	****
* AKTNPADJS1 * MEST CREEK TAIYA * AKUG21 * SKAGWAY*YAKU WEST CREEK * 5 DFC 1 * UNDEVELOPED	A WEST CREEK 1A.	139 31.7 # 135 21.0 #	•	# 110°011 # II # 0°011 # 21 # 0°001 # 0°001	0 0 12 000 12 000	10000 10000 10000 10000 1 1 1 1 1 1 1 1	M 77 W W W W W W W W W W W W W W W W W W	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.01 PAGE 38 OF TABLE 1

* 00 X X X X X X X X X X X X X X X X X X	K K K			Ŧ F		,			*
A LE COLOR DE LA CARACTE	K								
# CO									
*** * * * * *	* * * * * * * * * * * * * * * * * * *	****	****	*****	****	****	****	****	
*OO 81	2100°4	69448 3,3070	3034e	15 15 15 15 15 15 15 15 15 15 15 15 15 1	11028	60 110 12 4 4 4 6 6 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6	18118	12595 360 360	30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
4200 4200 4444 457 464	000	000	000	0000	000	N W W W W W W W W W W W W W W W W W W W	000	****	2000 2000 2000 2000 2000 2000 2000 200
######################################		21000000 21000000	987000	000869	797000	999	920000	320000 320000 320000	***
	3000	3200000 3200000	226000 226000 226000	158000	170000	13000	210000 210000	000099	12000 12000
# # # # # # # # # # # # # # # # # # #		000 200 200 200 200 200 200 200 200 200	2 2	ស្តីស្តី	17.	ant and	. สส	قق	12000 1
****	****	****	****	****	****	****	****	****	* * * * *
A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		100.0 21000000 1911.0	0.051 0.09 0.89	160.0	200.0 \$10000 882.1	26000 360000 169.8	140 65 140 140 9	2008 68000 1400 8	6 30 0 0 0 0 0 0 0 0 0 0 0 0
* IL ** * * * * * *	* * * * *	* * * * *	****	######################################	*****	**************************************	S 10800.0	M00 00 W	* * * * 0 * 9 * 9 * 9 * 9 * 9 * 9 * 9 *
		2	_						
**************************************	* C 0 0 0 1	T	13	1 80 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	, s 1 H	3. E. 20.	1 to 00 to 0	1 SE	
**************************************	* I >> * * * * * * * *	IH:	1	I ₩ .	**** T H O	*****	****		# # # #
**************************************	# # # # # # # # # # # # # # # # # # #	I # # # # # # # # # # # # # # # # # # #	1 # 00 M 10 10 10 10 10 10 10 10 10 10 10 10 10	8 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	16.9 T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****		13 14 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
* * * * * * * * * * * * * * * * * * *	# I M # # # # # # # O • O	# # # # # 0 0 0 0 0 0 0 M in	1	I ₩ .	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # 0°00 771 4 # 0°00 # # 4 0°00 # 771 # 4 0°00 # 4 4 0°00 # 4 4 0°00 # 4 0	* 63 43.2 * I * 144 37.0 * I * 10450 * I	52 45 8 8 1 1 48 10 21 48 10 8 10 10 10 10 10 10 10 10 10 10 10 10 10	* 61 57.0 * H Ex 141 19.9 * 18
*** *** *** *** *** *** *** *** *** **	T T T O T O T O T O T O T O T O T O T O	I # # # # # # # # # # # # # # # # # # #	4 4 W 4 CH 4 4 CH 4 CH 4 CH 4 CH 4 CH 4	# E	16.9 T	A 0.00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 6 W W W W W W W W W W W W W W W W W W	A 62 45.5 * T RIVER 142 10.0 * IS * 2145 * 1	* 61 57 0 * H * 61 57 0 * H * 141 19 9 * 18
*** *** *** *** *** *** *** *** *** **	T T T O T O T O T O T O T O T O T O T O	T * * * * * * * * * * * * * * * * * * *	4 4 W 4 CH 4 4 CH 4 CH 4 CH 4 CH 4 CH 4	# E	1 4 60 160 4 4 140 140 9 9 9 4 140 140 140 140 140 140 140 140 140 1	A 0.00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A 62 45.5 * T RIVER 142 10.0 * IS * 2145 * 1	* 61 57.0 * H * 61 57.0 * H ARTGAN CREEX 141 19.9 * 18
*** *** *** *** *** *** *** *** *** **	T T T O T O T O T O T O T O T O T O T O	I * 0° NM ON * * 4 A>FA-FA-FA-FA-FA-FA-FA-FA-FA-FA-FA-FA-FA-F	# 64 9 W # I # 10 10 M W W # I # 10 M M M M M M M M M M M M M M M M M M	ANANA MIVER WALLE	# 6.2 16.9 # I # 6.9 9.9 # I # 6.2 16.2 # I # 14.2 9.9 # I # I # 14.2 # I # 14.2 # I # I # I # I # I # I # I # I # I #	# 0.00 4.0 4 4 0.00 4 0.00 4 4 0.00 4 0.0	TANANA RIVER * 144 W7.0 * 1 TANANA RIVER * 10450 * 1 TANANA RIVER * 10450 *	* 60 45.95 * I NARESNA RIVER* 142 10.0 * 10.0 * 10.0 * 14.0 * 214.0 * 14.0 * 14.0 * 14.0 * 14.0 * 14.0 * 14.0 * * * * * * * * * * * * * * * * * * *	* 61 57.0 * H PYARTGAN CREE* 141 19.9 * 18
*** *** *** *** *** *** *** *** *** **	T T T O T O T O T O T O T O T O T O T O	I * 0° NM ON * * 4 A>FA-FA-FA-FA-FA-FA-FA-FA-FA-FA-FA-FA-FA-F	# 64 9 W # I # 10 10 M W W # I # 10 M M M M M M M M M M M M M M M M M M	A CURTO A CONTRA A CO	# 6.2 16.9 # I # 6.9 9.9 # I # 6.2 16.2 # I # 14.2 9.9 # I # I # 14.2 # I # 14.2 # I # I # I # I # I # I # I # I # I #	# 0.00 4.0 4 4 0.00 4 0.00 4 4 0.00 4 0.0	TANANA RIVER * 144 W7.0 * 1 TANANA RIVER * 10450 * 1 TANANA RIVER * 10450 *	* 60 45.95 * I NARESNA RIVER* 142 10.0 * 10.0 * 10.0 * 14.0 * 214.0 * 14.0 * 14.0 * 14.0 * 14.0 * 14.0 * 14.0 * * * * * * * * * * * * * * * * * * *	(F RPAN PYARIGAN CREEX 141 19,9 * IS 19ED * 93 * 16
*** *** *** *** *** *** *** *** *** **	T T T O T O T O T O T O T O T O T O T O	I * 0° NM ON * * 4 A>FA-FA-FA-FA-FA-FA-FA-FA-FA-FA-FA-FA-FA-F	# 64 9 W # I # 10 10 M W W # I # 10 M M M M M M M M M M M M M M M M M M	A CURTO A CONTRA A CO	# 6.2 16.9 # I # 6.9 9.9 # I # 6.2 16.2 # I # 14.2 9.9 # I # I # 14.2 # I # 14.2 # I # I # I # I # I # I # I # I # I #	# 0.00 4.0 4 4 0.00 4 0.00 4 4 0.00 4 0.0	TANANA RIVER * 144 W7.0 * 1 TANANA RIVER * 10450 * 1 TANANA RIVER * 10450 *	* 60 45.95 * I NARESNA RIVER* 142 10.0 * 10.0 * 10.0 * 14.0 * 214.0 * 14.0 * 14.0 * 14.0 * 14.0 * 14.0 * 14.0 * * * * * * * * * * * * * * * * * * *	* 61 57.0 * H FETRRAN PTARIGAN CREEK 141 19.9 * IS STVELOPED * 93 * 18
*** *** *** *** *** *** *** *** *** **	T T T O T O T O T O T O T O T O T O T O	T * * * * * * * * * * * * * * * * * * *	4 4 W 4 CH 4 4 CH 4 CH 4 CH 4 CH 4 CH 4	CATHEDRAL BLUFFS * 63 23.2 * H S.E. FATRBAN TANANA RIVER * 145 44.3 * IS UNDEVELOPED * 8550 *	1 4 60 160 4 4 140 140 9 9 9 4 140 140 140 140 140 140 140 140 140 1	4 0.00 44 44 40.00 4 1 44 4 40.00 4 1 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	* COLUNDON TANANA RIVER * 144 W7.0 * * UNDEVELIDED * * 10450 * * * UNDEVELIDED * * * * * * * * * * * * * * * * * *	A 62 45.5 * T RIVER 142 10.0 * IS * 2145 * 1	* RUCK LAKE * 61 57.0 * H * S.E. FAIRBAN PTARIGAN CREE* 141 19.9 * IS * UNDFVELOPED * 93 * 16
*** *** *** *** *** *** *** *** *** **	T T T O T O T O T O T O T O T O T O T O	* YUKON-YAIYA * 100 MW.O * I * SKAGWAY-YAKU TAIYA * 100 100 100 * 1	A PIC DELTA A SIGN TALKHAN PIVED & 145 G. M.O. NO. NO. NO. NO. NO. NO. NO. NO. NO.	* CATHEDRAL BLUFFS * 63 23.2 * H * S.E. FATRBAN TANANA RIVER * 145 44.3 * TO * UNDFVELOPED * 8550 *	A CHIMBANA NTVER A LAR 160 160 9 A I A CHIMBANA RIVERS A LAR 9.9 9 I SANA RIVERS A LAR 140 PER A LAR A	A GOODDASTED A GOODDASTED A 64 MO.O. A T A G. MO.O. A T A G. MO.O. A MO. A G. MO.O. A	* COLUNDON TANANA RIVER * 144 W7.0 * * UNDEVELIDED * * 10450 * * * UNDEVELIDED * * * * * * * * * * * * * * * * * *	* NARRONA * S.E. FAIRRAN NARESNA RIVER* 142 10.0 * 19 * UNDFVEL PPED * 2145 * 1	* * * * * * * * * * * * * * * * * * *
*** *** *** *** *** *** *** *** *** **	**************************************	YUKON-TAIYA * 59 38,90 * II SKARWAY-YAKU TAIYA * 135 19,90 * II UNDEVELOPED * 25700 *	* ATO DELTA * 644 9° W * I SE	* CATHEDRAL BLUFFS * 63 23.2 * H * S.E. FATRBAN TANANA RIVER * 145 44.3 * IS * UNDFVELDPFD * 8550 * *	CHIGARA NIVER A LOS 16-9 A I SANA RIVERA A 142 9-9 A I SANA RIVERA A 142 9-9 A I SANA RIVERA A 142 A A 153 A A 153 A A 153 A A A 153 A A A A A A A A A A A A A A A A A A A	GOODPASTFD * 64 MO.O * T S.E. FAIRDAN GOODPASTED RIX 144 MO.O * IGOUDPASTED RIX *	JOHNSON SEE FATRRAN TANANA RIVER * 144 37.0 * 1 UNDFVELOPED * 10450 *	NARRONA S.E. HAIRAAN NARESNA RIVERA 142 10.0 T 10.0 TVER 142 10.0 TVER 1	* ROCK LAKE * 61 57.0 * H * S.F. FATRRAN PTARIGAN CREEX 141 19.9 * IS * UNDFVELOPED * 93 *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC PUWER STUDY TIME 22,29,01 PAGE 39 OF TABLE 1

SANAGASASASASASASASASASASASASASASASASASA	但有者的有效。 10		****			****	****	****	***
ANUL - COST RNUR G Y COST (1000 8) (8/MET)	# RUS	64555. 69.406	5813.6 87.938	8461.6 94.13	11613	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92 82 93 83 94 95 95 95 95 95	99658 83.746	151000 10.633
* * * * * * * * * * * * * * * * * * *	4 000000000000000000000000000000000000	000000000000000000000000000000000000000	1176011 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000000000000000000000000000000000000000	4230000 A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11190000	142000000
# WHE #	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M M M	M 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	119000	166000	in i	N IN 11 12 12 12 12 12 12 12 12 12 12 12 12	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 160000 2 160000
# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	166870° 0.00° 0.00° 0.00° 0.00°	750000 750000 199.8	110°0 16°0 16°0 14°4 14°4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	W 00 00 00 00 00 00 00 00 00 00 00 00 00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	365.0
****	* * * * *	****	* * * * *	***	***	***	* * * * *	* * * * *	* * * * 1
**************************************		TI 0000	E T T T T T T T T T T T T T T T T T T T	* * * * * * * * * * * * * * * * * * *	2	I	T T T T T T T T T T T T T T T T T T T	T	T 100 00 100 100 100 100 100 100 100 100
***	1600.0	66 58 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	97	68 1.9 4 H	S 4462	64 20.05 H 141 57.9 H 2065 H 1298	64 31.9 * I	67 13.6 * H 146 6.9 * IS 4 4200 * 3700	65 21.2 * H * 365.0 1143 21.0 * 19 *65500000
######################################	本名をおかれる 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6 364.8 # T 40.00 T 4 W S 500 F 4 W S 500 W T 8 W S 500 W	20°9 * H 47°0 * IS	# 68 1.9 * H * 68 1.9 * H CHANDALAR* 145 52.9 * 18	16.0 * H 114.0 * H 6060 * 4462	* 64 20°0 1 4 1 87°0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.90 % ± 4.0	13,8 * H 6 8,9 * IS 4200 * 3700	75
# # # # # # # # # # # # # # # # # # #	**************************************	AFTFRBAY UPPER YUKUN E F CHANDALAR* 147 10.0 * ISHINDEVELOPED * SSOO *	* 65 20.9 * H * 64 47.0 * IS * 730 * IS	AR * 68 1.9 * H F CHANDALAR* 145 52.9 * 18	RIV# 141 1400 # IS # 66050 # AB	* 64 20°0 * H * 64 20°0 * H FORK FOR 141 57°9 * 18 * 2065 * 1298	FORTYMILE SF * 64 31.9 * H UPPER YUKON SOUTH FORK FO* 142 0.0 * 19 UNDFYELDPED * 2800 *	* 67 13.6 * H F CHANDALAR* 146 8.9 * 13 * 4200 * 3700	# 65 01 0 0 # RIVER # 12200 0 #

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,01 PAGE 40 OF TABLE 1

									*
CONTROL RANK)			1021						*
	K F								
THE COLOR OF THE C	K L		1014				=		*
									*
			1013						*
8 8 8			. .					****	* * * * *
XXIXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	* * * * *	****	****	****				0.0	*
	2	29496	837,10 46,505	37.793	19924 5.490	4975.5 110.56	4713.4	5700.2 82.612	10597
	7 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0	N N	75.0	72.	2. 12 0. 10	197	171	82.	0.4
* - 00 C C C C C C C C C C C C C C C C C		•	an a	P.	•	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		
- + + + + + + + + + + + + + + + + + + +	****	****	****	****	****	****	* * * * *	****	* * * * *
* 4 6 6 6	210000 210000	0 2320000 2320000	18000	0 727000 727000	0 438000 438000	0 0 0 0 0 0 0 0 0	42000 42000	00069	1 6 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
SEENCE SE	2100	000	18000 18000	270	38	21 24 N NU	4 4 0 0	9 9	4 4 4
233255		(A) (A)		~ ~	44				*
TEXTION TO THE TEXT OF THE TEX		****	****		****	****	****	*****	* * * * *
k	688	000	44 00 00 00	688	1000001	9000	9000	4000 4000	M40000 W40000 ****
* < < 0.	* 00	530000 530000	4 4 C O	1 50000 1 50000	000	9 6	9 60	14000	24 ×
#	K 44	. KU KU			3,3				*
KANP HONK HONK KP "SSS	k L								*
* * * * * * * * *		****	****	****	***	****	****	****	* * * * ‡
* * * * * * * * * * * * * * * * * * *	14 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	40°0 3000 12°6	000	000	100.0 450000 58.9	0 M	50.0 0 31.7	80.0 191	000 000 404 000 844
XX	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	340.0 65000 312.6	19980 19980 1166.8	260.0 265.7	000	150 180 184	50 231	9 5	NO 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A A A A A A A A A A A A A A A A A A A	*		-	,	50 US				*
* **	* * * * * * *	****	* * * * *	****	* * * * 5 *	****	****	* * * * *	* * * * * *
* 2 6 6		°.	<u> </u>	Ž.	. ผู้	. ณ์	Ç	07.	10 ±
A T U S Y S C F S S S S S S S S S S S S S S S S S	* * * * * * * * * * * * * * * * * * * *	3000	4	6072.0	5122	2623	2760	\$ \$0.7.00	
######################################	* C C C C C C C C C C C C C C C C C C C	T T T T T T T T T T T T T T T T T T T	π Ε 8 9	18 18 6072	H 13 13122	13 13 252	Ç	н 18 607,	# # # # # # # # # # # # # # # # # # #
**************************************	**************************************	x ==	& 24	* * * * *	1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	*****	11 13 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	I H	* * * * *
* C. * C. * * * * * * * * * * * * * * * * * * *	* 00 * I I I I I I I I I I I I I I I I I I I	x ==	**** **** ****	* * * * *	1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	****	11 13 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # #	* * * * *
* C. * C. * * * * * * * * * * * * * * * * * * *	* 00 * I I I I I I I I I I I I I I I I I I I	x ==	**************************************	* * * * *	19.9 H H 48.0 A 15	700 # H 3000 # H 770 # 2622	200 4 H 2760	S	0000 0000 0000 0000 0000 0000 0000 0000 0000
* C. * C. * * * * * * * * * * * * * * * * * * *	# # # # O O O O O	1.00 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 7 1 4 1 46 10 2 4 H	* * * * *	15122	*****	0.0 * TS 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	# # # # #	
* C. * C. * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	67 19°2 # 14 19°2 # 17 19°	61 70 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* 62 26.0 * I * 145 40.0 * 19 * 3955 * 6072.	3 49.9 # H 44 48.0 # 18 10700 # 19122	60 27 0 4 H 145 30 0 4 13	** 60 34.9 * 1.50 4.00 4.00 4.00 1.00 1.00 1.00 1.00 1.0	62 34.9 * H 146 4.9 * IS 398 *	4 00 M4 00 4 140 M6 140
* LATITUDE * PRA**********************************	# 00000	67 19°2 # 14 19°2 # 17 19°	EEK* 146 10°2 * T	# # # # # # # # # # # # # # # # # # #	# 63 49,9 # II FR # 144 48,0 # IS # 10700 # 1812P	VER 145 30.0 * IS	* 62 34.9 * 1 * 62 34.9 * 1 * 165 29.0 * 15	* 62 M4. 9 * T * 462 M4. 9 * T * 462 M4. * * 463 M4. * * 464 M9. *	# 0°00 00 # # 0°00 00 # # 0°00 00 # # # #
* LATITUDE * PRA**********************************	# 00000	RIV* 141 2550 * * * 23400 * * *	CREEK 146 10.0 4 H	# # # # # # # # # # # # # # # # # # #	# 63 49,9 # II FR # 144 48,0 # IS # 10700 # 1812P	# 62 87 0 * H RIVER* 145 30 0 * 18 * 1770 * 2622	# 62 34.9 * H RIVER* 145 29.0 * 18 * 1850 * 2760	* 62 M4. 9 * T * 462 M4. 9 * T * 462 M4. * * 463 M4. * * 464 M9. *	# 0°00 00 # # 0°00 00 # # 0°00 00 # # # #
* LATITUDE * PRA**********************************	# 00000	RIV* 141 2550 * * * 23400 * * *	CREEK 146 10.0 4 H	# 0 ° 0 ° 1 ° 1 ° 1 ° 1 ° 1 ° 1 ° 1 ° 1 °	# 63 49,9 # II FR # 144 48,0 # IS # 10700 # 1812P	# 62 87 0 * H RIVER* 145 30 0 * 18 * 1770 * 2622	# 62 34.9 * H RIVER* 145 29.0 * 18 * 1850 * 2760	611.KAN* 146 4.9 * T. W.	# 0°00 00 # # 0°00 00 # # 0°00 00 # # # #
* LATITUDE * PR * LATITUDE * PR * LONGITUDE * PR * LONGITUDE * PR * (D M * M) * * (D M * M) * * (SS * MI) * (S	# 00000	RIV* 141 2550 * * * 23400 * * *	CREEK 146 10.0 4 H	# 0 ° 0 ° 1 ° 1 ° 1 ° 1 ° 1 ° 1 ° 1 ° 1 °	# 63 49,9 # II FR # 144 48,0 # IS # 10700 # 1812P	ANA RIVERA 145 30.0 A 18 ANA RIVERA 145 30.0 A 18 A 1770 A 2622	# 62 34.9 * H RIVER* 145 29.0 * 18 * 1850 * 2760	# 62 M4.9 # H ORK GULKAN# 146 4.9 # IS M98 #	# 0°00 00 # # 0°00 00 # # 0°00 00 # # # #
* LATITUDE * PR * LATITUDE * PR * LONGITUDE * PR * LONGITUDE * PR * (D M * M) * * (D M * M) * * (SS * MI) * (S	# 00000	67 19°2 # 14 19°2 # 17 19°	EEK* 146 10°2 * T	# # # # # # # # # # # # # # # # # # #	7 4 63 49 9 4 II 7 4 144 40 0 4 IS 10700 4 ISSER	ANA RIVERA 145 30.0 A 18 ANA RIVERA 145 30.0 A 18 A 1770 A 2622	# 62 34.9 * H RIVER* 145 29.0 * 18 * 1850 * 2760	# 62 M4.9 # H ORK GULKAN# 146 4.9 # IS M98 #	# 0°00 00 # # 0°00 00 # # 0°00 00 # # # #
* LATITUDE * PR * LATITUDE * PR * LONGITUDE * PR * LONGITUDE * PR * (D M * M) * * (D M * M) * * (SS * MI) * (S	# 00000	# 67 19.2 * F PURCUPINE RIV* 141 25.0 * I * 23400 *	ALLISON CREEK+ 146 10.2 + 18 49	# 62 26.0 # H COPPER RIVER # 145 40.0 # 13 # 3935. #	# 63 40.0 # II TANANA PIVER # 184 48.0 # 19 # 10700 # 191222	# 62 27.0 * H GULKANA RIVER* 145 30.0 * 18 * 1770 * 2622	EDWER * 62 34.9 * H. GULKANA RIVER* 145 29.0 * 18	* 62 34.9 * T * 62 34.9 * T * 62 34.9 * T * 80.0 * 1.0	# 0°00 00 # # 0°00 00 # # 0°00 00 # # # #
* LATITUDE * PR * LATITUDE * PR * LONGITUDE * PR * LONGITUDE * PR * (D M * M) * * (D M * M) * * (SS * MI) * (S	######################################	# 67 19.2 * F PURCUPINE RIV* 141 25.0 * I * 23400 *	ALLISON CREEK+ 146 10.2 + 18 49	* 62 26.0 * I * 62 26.0 * I * 145 40.0 * I * 1945. *	# 63 40.0 # II TANANA PIVER # 184 48.0 # 19 # 10700 # 191222	# 62 27.0 * H GULKANA RIVER* 145 30.0 * 18 * 1770 * 2622	EDWER * 62 34.9 * H. GULKANA RIVER* 145 29.0 * 18	* 62 34.9 * T * 62 34.9 * T * 62 34.9 * T * 80.0 * 1.0	# 0°00 00 # # 0°00 00 # # 0°00 00 # # # #
* LATITUDE * PR * LATITUDE * PR * LONGITUDE * PR * LONGITUDE * PR * (D M * M) * * (D M * M) * * (SS * MI) * (S	######################################	# 67 19.2 * F PURCUPINE RIV* 141 25.0 * I * 23400 *	ALLISON CREEK+ 146 10.2 + 18 49	* 62 26.0 * I * 62 26.0 * I * 145 40.0 * I * 1945. *	# 63 40.0 # II TANANA PIVER # 184 48.0 # 19 # 10700 # 191222	# 62 27.0 * H GULKANA RIVER* 145 30.0 * 18 * 1770 * 2622	EDWER * 62 34.9 * H. GULKANA RIVER* 145 29.0 * 18	* 62 34.9 * T * 62 34.9 * T * 62 34.9 * T * 80.0 * 1.0	# 0°00 00 # # 0°00 00 # # 0°00 00 # # # #
* LATITUDE * PR * LATITUDE * PR * LONGITUDE * PR * LONGITUDE * PR * (D M * M) * * (D M * M) * * (SS * MI) * (S	######################################	# 67 19.2 * F PURCUPINE RIV* 141 25.0 * I * 23400 *	ALLISON CREEK+ 146 10.2 + 18 49	* 62 26.0 * I * 62 26.0 * I * 145 40.0 * I * 1945. *	# 63 40.0 # II TANANA PIVER # 184 48.0 # 19 # 10700 # 191222	# 62 27.0 * H GULKANA RIVER* 145 30.0 * 18 * 1770 * 2622	EDWER * 62 34.9 * H. GULKANA RIVER* 145 29.0 * 18	* 62 34.9 * T * 62 34.9 * T * 62 34.9 * T * 80.0 * 1.0	# 0°00 00 # # 0°00 00 # # 0°00 00 # # # #
* LATITUDE * PR * LATITUDE * PR * LONGITUDE * PR * LONGITUDE * PR * (D M * M) * * (D M * M) * * (SS * MI) * (S	######################################	# 67 19.2 * F PURCUPINE RIV* 141 25.0 * I * 23400 *	ALLISON CREEK+ 146 10.2 + 18 49	* 62 26.0 * I * 62 26.0 * I * 145 40.0 * I * 1945. *	# 63 40.0 # II TANANA PIVER # 184 48.0 # 19 # 10700 # 191222	# 62 27.0 * H GULKANA RIVER* 145 30.0 * 18 * 1770 * 2622	EDWER * 62 34.9 * H. GULKANA RIVER* 145 29.0 * 18	* 62 34.9 * T * 62 34.9 * T * 62 34.9 * T * 80.0 * 1.0	# 0°00 00 # # 0°00 00 # # 0°00 00 # # # #
A CO M. STATE OF STAT	T T O O O O O O O O O O O O O O O O O O	PORCUPINE + 67 19.2 * K UPPER-YUKON PORCUPINE RIV* 141 25.0 * I UNDEVELOPED * 23400 *	ALLTSON CREEK * 61. 7.1 * H VALNEZ=CHIT* ALLISON CREEK* 146 10.2 * IS UNDEVELOPFO * 5 * 49	# 62 26.0 # H COPPER RIVER # 145 40.0 # 13 # 3935. #	# 63 49,9 # II FR # 144 48,0 # IS # 10700 # 1812P	ANA RIVERA 145 30.0 A 18 ANA RIVERA 145 30.0 A 18 A 1770 A 2622	GULKANA RIVER LOWER * 62 34.9 * H. VALDEZ-CHIT * GULKANA RIVER* 145 29.0 * ISTOO * 1850 * 2760	# 62 M4.9 # H ORK GULKAN# 146 4.9 # IS M98 #	# 0°00 00 # # 0°00 00 # # 0°00 00 # # # #
A CO M. STATE OF STAT	T T O O O O O O O O O O O O O O O O O O	* PORCUPINE * 67 19.2 * T * UNDERREVENCON PORCUPINE RIV* 141 255.0 * I * UNDEVELOPED * 23400 *	* ALLTSON CREEK * 61. 7.1 * H * VALNEZ=CHIT* ALLISON CREEK* 146 10.2 * IS * UNDEVELOPFO * 5 * 49	* GAKONA SITE * 62 26.0 * H * VALNEZ=CHIT* COPPER RIVER * 145 40.0 * JS * UNDEVELOPED * 3935. *	* GERATLE * BALDEZ#CHIT* TANANA RIVER * 144 48.0 * 15 * UNDEVELDPED * 15122	* GULKANA RIVER UPPER * 62 27.0 * H * GULKANA RIVER* 145 30.0 * IS * UNDEVELOPED * 2622	# GULKANA RTVER LDHFR # 6ULKANA RTVER 145 24.9 * H * VALNEZ=CHTT= GULKANA RIVER* 145 29.0 * ISTON * 1850 * 2760	A GULKANA RIVER KEST * 62 34.9 * H * VALDEZ*CHIT* FIORK GULKAN* 146 4.9 * IS * UNDFVELOPEO	# 0°00 00 # # 0°00 00 # # 0°00 00 # # # #
A CO M. STATE OF STAT	T T O O O O O O O O O O O O O O O O O O	* PORCUPINE * 67 19.2 * T * UNDERREVENCON PORCUPINE RIV* 141 255.0 * I * UNDEVELOPED * 23400 *	* ALLTSON CREEK * 61. 7.1 * H * VALNEZ=CHIT* ALLISON CREEK* 146 10.2 * IS * UNDEVELOPFO * 5 * 49	* GAKONA SITE * 62 26.0 * H * VALNEZ=CHIT* COPPER RIVER * 145 40.0 * JS * UNDEVELOPED * 3935. *	* GERATLE * BALDEZ#CHIT* TANANA RIVER * 144 48.0 * 15 * UNDEVELDPED * 15122	* GULKANA RIVER UPPER * 62 27.0 * H * GULKANA RIVER* 145 30.0 * IS * UNDEVELOPED * 2622	# GULKANA RTVER LDHFR # 6ULKANA RTVER 145 24.9 * H * VALNEZ=CHTT= GULKANA RIVER* 145 29.0 * ISTON * 1850 * 2760	A GULKANA RIVER KEST * 62 34.9 * H * VALDEZ*CHIT* FIORK GULKAN* 146 4.9 * IS * UNDFVELOPEO	# 0°00 00 # # 0°00 00 # # 0°00 00 # # # #
A CO M. STATE OF STAT	T T O O O O O O O O O O O O O O O O O O	* PORCUPINE * 67 19.2 * T * UNDERREVENCON PORCUPINE RIV* 141 255.0 * I * UNDEVELOPED * 23400 *	* ALLTSON CREEK * 61. 7.1 * H * VALNEZ=CHIT* ALLISON CREEK* 146 10.2 * IS * UNDEVELOPFO * 5 * 49	* GAKONA SITE * 62 26.0 * H * VALNEZ=CHIT* COPPER RIVER * 145 40.0 * JS * UNDEVELOPED * 3935. *	* GERATLE * BALDEZ#CHIT* TANANA RIVER * 144 48.0 * 15 * UNDEVELDPED * 15122	* GULKANA RIVER UPPER * 62 27.0 * H * GULKANA RIVER* 145 30.0 * IS * UNDEVELOPED * 2622	# GULKANA RTVER LDHFR # 6ULKANA RTVER 145 24.9 * H * VALNEZ=CHTT= GULKANA RIVER* 145 29.0 * ISTON * 1850 * 2760	A GULKANA RIVER KEST * 62 34.9 * H * VALDEZ*CHIT* FIORK GULKAN* 146 4.9 * IS * UNDFVELOPEO	# 0°00 00 # # 0°00 00 # # 0°00 00 # # # #
A CO M. STATE OF STAT	T O O O O O O O O O O O O O O O O O O O	PORCUPINE + 67 19.2 * K UPPER-YUKON PORCUPINE RIV* 141 25.0 * I UNDEVELOPED * 23400 *	A ALLYSON CREEK A 61 7.1 & H 31 & VALOEZ=CHIT* ALLISON CREEK+ 146 10.2 & 18 1 & UNDEVELOPFO	374 # GAKANA SITE * 62 26.0 * H 29 # VALDEZ=CHIT* COPPER RIVER * 145 40.0 # JS I # UNDEVELOPED * 3935 #	# 63 49,9 # H 34 # VALDEZ#CHTT# TANANA RIVER # 144 48,0 # IS 0 # UNDEVEL PPED # 15122	378 * GULKANA RIVER LPPER * 62 27.0 * H 37 * VALDEZ*CHTT* GULKANA RIVER* 145 30.0 * 18 D * Undeveloped * 1770 * 2622	375 * GULKANA RIVER LOWER * 62 34.9 * H. 34 * VALDEZ-CHIT* GULKANA RIVER* 145 29.0 * 13760 D * Undfveloped * 2760	ST6 # GULKANA RIVER KEST # 62 34.9 # H SS # VALDEZ*CHIT* # FORK GULKAN* 146 4.9 * IS D # UNDFVELOPED # 398 *	サール ALDEVANA RTVER GULKANA RIVERARARARARARARARARARARARARARARARARARARA

DATE 14 FEB 81 NATIONAL HYDROCLECTRIC POWER STUDY TIME 22,29,01 PAGE 41 OF TABLE 1

* C E E E E E E E E E E E E E E E E E E		****	****	****	****	* * * * * * * * * * * * * * * * * * *	****	****	***
######################################	# # # # # # # # # # # # # # # # # # #	1855. 51.117	11 12 12 12 12 12 12 12 12 12 12 12 12 1	22085 57.366	M 1648 65.04 94.08	1568 11.	2403.7	15286 30,391	14045 265. 1
A CARTA COLOR OF A CARTA	# # 0000 F F F F F F F F F F F F F F F F	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	214 214 2000 2000 244 444 444 444 444 444 444	# # # 0000 mm	44 96 000 000 4 4 4 4 4	# # # # 0 0000 19 9	# # # # # 0 0 0 0 0 0 0 0 0	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WW.
*00.			24 000000 44 44 44 44 44 44 44 44 44 44 44 44 44	* * * * * 0 000 000 000	100000	11 12 12 13 13 13 14 14 14 14 14 14 14 14 14 14 14 14 14	* * * * * 0 0 0 0 0 0 0	104000	110000
# # # # (k E R	00 P	00000 00000 00000 00000 00000	177 177 18 18 18 18 18 18 18 18 18 18 18 18 18 1	**** 000 0 # 0 # 0 M	* * * * * O M * O O M * O O O O O O O O	W.W.	M W W W W W W W W W W W W W W W W W W W	0.000 to 1.000 to 1.0
THE STATE OF		T T T T T T T T T T T T T T T T T T T	T 4 4 0 0 1 4 4 4 0 0 1 4 4 4 0 0 1 4 4 4 0 0 1 4 4 1 0 1 1 1 1	T T T T T T T T T T T T T T T T T T T	T = 4 = 4 = 4 = 4 = 4 = 4 = 4 = 4 = 4 =	* * * * * * * * * * * * * * * * * * *	T 100 100 100 100 100 100 100 100 100 10	# # # # # # # # # # # # # # # # # # #	T
ا نس⊑ ×		* 60 33°9 * 148 10°3 * 71	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	60 19 19 19 19 19 19 19 19 19 19 19 19 19	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	** 61 30° 9 ** 146 15° 9 ** 18° 9	* * * * * * * * * * * * * * * * * * *	# 62 0.9 # 146 8.9 # 1970	# # # # # # # # # # # # # # # # # # #
k E	k W	HANLEY CREEK	NELCHINA RIVE	COPPER PIVER	OUCK RIVER	SULDMON GULCH*	GULKANA RIVER	TAZLINA RIVER	TOLGONA CREEK
# 21. #	KRIMATIANAKANAKANAKANAKANAKANAKANAKANAKANAKANA	MCCIURE BAY VALDEZ-CHIT- UNDFVELDPED	NELCHINA RIVER VALDEZ-CHIT- UNDEVELOPED	SANFORD VALDEZ=CHIT= UNDEVELOPED	SILVER LAKE VALDEZ=CHIT= UNDEVELOPED	SOLNHON GULÇH VALDEZ-CHTT- UNDRVELOPED	SUMMIT LAKE VALDEZ-CHIT- UNDEVELOPED	TAZLINA Valdez-chit- Undeveloped	* AKTNPADSST & TOLSONA CREEK * AKUDS14 & VALDEZ*CHIT* TOLSONA CRE * AKUDS14 & UNDEVELDPED ** UNDEVELDPED**********************************
######################################	A K C C C C C C C C C C C C C C C C C C	AKTNPADW80 A AKTIO464 A AKTIO464 A AKTIO464 A A TIO464 A TIO464 A A TIO464 A TI	AKGNPACKBI A AKUQ471 A S OFC I A	* AK6NDA0382 * AK6NDA0382 * AKU0487 * E	* AKTNPA0383 * AKU0493 * A	* AK7NPA0384.* * AKU0496.* * 2 OFC I *	* AKTNPAO385 * AKTNPAO385 * AKTOSO1	A AKENDADARG A A AKUSHOSHOR A AKUSHOSHOR A A E DFC II A A A A A A A A A A A A A A A A A A	THE AKTINDA OUGH THE AKTINDA OUGH THE AKTINDS AT THE AKTINDS AT THE ATT THE AT

DATE 14 FER 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29.02 PAGE 42 OF TABLE 1

* CONTRO * CONT		* * * * * * * *	*****	# 2030 # 2034 # 2034 # 2034	***			150.41 * 1010 1004 * 1004 * 1021 *
# HOO OO	# # # # # # # # # # # # # # # # # # #	18 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	140.81	772.64 54.603	88 68 68 88 88 88	874.60 71.164	925 44 86 88	150.41
* * * * * * * * * * * * * * * * * * *		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	44 0 00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 W11 0 0 0 0 1 W11 0 0 0 0 0 1 W11 0 0 0 0	1	0 0 0	
* * * * * * * * * * * * * * * * * * *			0000 4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4		00078 00078	C 0 0 0 0 0 0 M M	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	M - M - M - M - M - M - M - M - M - M -
* * * * * * * * * * * * * * * * * * * *		1447800 1000 1000 1000 117 88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	200000 200000 200000 344	100 mm m	20 50 50 50 50 50 50 50 50 50 50 50 50 50	* * * * * * * * * * * * * * * * * * *		
ALACANA ALACAN		18 200 18 100 00 00 18 100 00 00 18 100 00 00 18 100 00 00 18 100 00 00 00 00 00 00 00 00 00 00 00 00	II ON ON O ON O ON O O	20 Lu	# # # # # # # # # # # # # # # # # # #		T F G G G G G G G G G G G G G G G G G G	10000000000000000000000000000000000000
* LONGITUDE * * LONGITUDE * * LONGITUDE * * CO M° M) * * (O M° M) * * * (O M° M) * * * * (O M° M) * * (O M° M) * * (O M° M) * (O	* 4 4 5 1 5 4 4 5 4 4 6 4 6 4 6 4 6 4 6 6 6 6 6 6	. W - W -	131 52 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	26 20 20 20 20 20 20 20 20 20 20 20 20 20	131 131 130 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100 100 100 100 100 100 100 100 100 100	56 30.0 132 15.1 10 *	56 35 9
7P.	**************************************	0 A 9 CC 4 D D G 4 A A A A A A A A A A A A A A A A A A	ANAN CREEK	* * STATIVIA STRAIS * * * * * * * * * * * * * * * * * * *	ER NORTH N BRADFIELD R*	* * * * * * * * * * * * * * * * * * *	00111100000000000000000000000000000000	* CBAID ONLIG
*	*		ANAN CREEK WRANGELL-PET	ANITA WPANGELL-PET UNDEVELOPED	RRANFIELD RIVER WRANGELL-PET N HINDEVELDPED	BURNETT LAKE MRANGELL-PET UNDEVELOPED	CRITTENDEN CREEK WRANGELLAPET C	* AKJNPAC423 * CRYSTAL LAKE . * AKOOC49 * HRANSELL*PET BLIND RIVER * 5 DFC I * CTTY OF PETFR9BURG
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	AKUD199 AKTNPAD412 AKTNPAD412 AKUD30	* AK7NPA04134 * AK7NPA04134 * AKU0833 * * AKU0833 * * * AK10833 * * * * AK10833 * * * * * * * * * * * * * * * * * *	* AKENDACALG * AKENDACALG * AKENDACALG * AKENDACA * AKE	AK 6ND AC 61 S 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	AK7NPACA16 AKHORNO 16 S DFC I * * *	AKANPANGOS AKUNPANGOS A DFO H *	* * * * * * * * * * * * * * * * * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,02 PABLE 1

* 20246		****	****	*** **********************************		****			
* * * * * * *	****	****	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	mc	*****	4444	****
EN CONTRACTOR OF A CONTRACTOR	**************************************	6136 37 • 76	2008 2008 2008 2008 2008	5137 60.44	4 W 0 W 0 W 0 W 0 W 0 W	5021.3		120 M W W W W W W W W W W W W W W W W W W	816.46 48.27
# # # # # # # # # # # # # # # # # # #		16 M 000 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0000 0000 0000 0000	1 M 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000066	* * * * *	****	17000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
**************************************	4 4 4 4 4 4 4 6 0 0 0 0 0 0 0 0 0 0 0 0	M W 44000	00000	11 18 18 18 18 18 18 18 18 18 18 18 18 1	M 1000	N N 1000	O C C	0 0 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	4 4 4 0 0 0 0 0 4 4 4 6 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	190000 000000 1900000 190000	0 9 9 0 0 0 9 0 0 0 9 0 0 0 9 0 0 0 9 0 0 0 9 0 0 0 9 0 0 0 0 9 0 0 0 9 0	125.0 246.7 4 7.8	12 12 12 12 12 12 12 12 12 12 12 12 12 1	MW 110000 0000 00000 00000 00000 00000 00000 0000	10 0 0 4 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0
***	* * * * 4	***	****	***	***	* * * * *	* * * * *	* * * * *	* * * * *
**************************************	# # C C C C C C C C C C C C C C C C C C		155°0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		792.01	2. 2. 2. 3.	74	O a
* Q.		****	1.55	5. S.	***** DI 00 11 C	****	SC.	•	C ************************************
****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			8 5 5	1		4 ()	7.4	් හ භ
**************************************	4 1 3 1 4 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# 57 28.0 * H FARRAGUT RIVE* 132 57.9 * HS	36.0 * T. 0.00 T. 0.00 T. 15.00 T. 15.0	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	SO IM ##### C * CO * M M M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 56 44.1 * T	6 17 1 4 H 32 23 2 4 16 8 4 74	m + * * * *
SANTANANANANANANANANANANANANANANANANANAN	CTEEX 130 4 1000	T # # # # # # # # # # # # # # # # # # #	* 150 100 0 0 10 100 100 100 100 100 100	A 10 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	T * 0° 00 * * CA \ X \ X \ X \ X \ X \ X \ X \ X \ X \	CREEK # 150 440,1 # II & CREEK # 150 440,0 # CREEK # 150 450,0 # CREEK # 150 450,0 # 150 450	THEEK * 150 17.1 * IN CREEK * 150 25.2 * IN CREEK * 150 25.2 * IN CREEK * 150 25.2 * 150	m + + + + + + + + + + + + + + + + + + +

DATE 14 FER B1 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,02 PAGE 44 OF TABLE 1

TANCONO TO SERVICE TO	*		1		2019	2011	— பெறுகு இ ி		
AGRE GCONDHIC REC NONGCONOMIC REC CONFORME A CAGOGENCE RANK) A CAGOGENCE RANK) A CAGOGENCE RANK)					505 505	2014 2013			**************************************
NUC. COST ** (1000 8) * (6001 8)	K K K K K A K M T K M	1151.	200 200 200 200 200 200 200 200 200 200	139 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2007 40°6 40°6 44°6 44°4	2000-7 2000-7 34-4 34-4 34-4 34-4 34-4 34-4 34-4 34	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	m m nuo 0 m 0 m	# 0.000.00 # 0.00.00 # 0.00.00
	21790	* * * * * 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 80 2	44 044 044	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	67 67 67 67 67 67 67 67	* * * * * * * * * * * * * * * * * * *	* * * * * 1 O 0 00 O 0 O 0 O 0 O 0 O 0 O 0	**************************************
MHH W C C C C C C C C C C C C C C C C C C C	00005	000	* * * * * 1	0000	11 M CO	0000 0000 0000 0000	2260000 * * * * * * * * * * * * * * * * *	0 000 000 000 000	# # 0000M # 0000M
	r .	0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 6 9 N	210.0 x 0 x 0 x 0 x 0 x 0 x 0 x x 0 x x 0 x x 0 x x 0 x x 0 x x 0	0 0 M 0000 0000 0000 0000 0000	* * * * * * * * * * * * * * * * * * *	18 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************
A TITUDE * PROJ PURP * DAR IT NO IT UDE * PROJ PURP * TO * T	* * * * * * * * * * * * * * * * * * *	TH # # # # #	**************************************	20 E E E E E E E E E E E E E E E E E E E	E	2 II	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	# # # # # # # # # # # # # # # # # # #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
# # # # # # # # # # # # # # # # # # #	# # # # # # M = M # M = M	00 00 00 00 00 00 00 00 00 00 00 00 00	266 42 20 20 20 20 20 20 20 20 20 20 20 20 20	132 11°2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	135 159 0 1 132 45 0 1 13 4 5 0 1 13 4 4 5 0 1 13 4 4 5 0 1	57 4.9 4.132 41.9 4.4 21.4 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	56 42.0 ** 132 11.9 ** 20005	56 24.0 ** 132 29.0 ** 1 **	1 116 140 0 x x x 1 100 0 100 0 100 0 x x x x x
k 3E i	* * * * * * * * * * * * * * * * * * *	TIN CANON CA	2	OLIVE CREEK	DELT CREEK ***	SCONSES CONSES C	A A A A A A A A A A A A A A A A A A A	A A A A A	*
* TO NO * PRIMARY CONT. IN A STREAM AND STREAM AND STREAM ACTV. DEP * CODE CODE * CODE * CTTLE *	* Z Z Z	MENEFEE LAKE Wrangell-pet Undfveldped	NAVY LAKE WRANGELL=PET UNDFVELOPEO	DLIVE LAKE WRANGELL*PET UNDEVELDPED	RUTH LAKE WRANGELL-PET UNDEVELOPFO	SCENERY CREEK WRANGELL PEH Undeveloped	STIKINE RIVER WRANGELL+PET Undeveloped	SUNPISE LAKE Wrangell.Pet Undeveloped	* AKTUPACACH * THOMS LAKE* * AKUJORO * WRANGELLIDET THOMS CREEK * UN DFC II * UNDEVELOPED** * NO DFC II * UNDEVELOPED**
A A A A A A A A A A A A A A A A A A A	# # # # # # # # # # # # # # # # # # #	* AK6NPA0397 * AKU0139 * * A	* AK7NPA0398 * AKU0146 * B DFC I * B	* AK7NPA0399 * AK10151 * AKU0151 * A	* AK7NPA0400 * * AKU0175. * * * * * * * * * * * * * * * * * * *	AKYNPACACII AKUO188 A OFC II	AKENPADGOZA AKUDIOL AKUDIOL AKUDIOL AKUDIOL AKUDIOL	* AKTNPAO403 × AKTNPAO403 × AKTO198 × 6 DFC I ×	A MANADACOUN A A MICHOROR A A UN DIFC II A A A A A A A A A A A A A A A A A A

DATE 14 FEB 81 NATIONAL HYDRÜELECTRIC POWER STUDY TIME 22,29,02

**************************************		* * * * * *	1009 1011 **	***	****				277731
* I	****	****	****	****	****	****	****	****	* * * * *
# # 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1001 1001 1001 1001 100	86 - 40 - 40 - 40 - 40 - 40 - 40 - 40 - 4	3678.2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	590.20 51.904	21967 125 - 52	1072 87 - 196	16779 400-04 800-04 84444
######################################	# 1.40.17 W	20 043 000 000 000 000	MWW WWW WWW WWW WWW WWW WWW WWW WWW WWW	**************************************	116440 **	11 14 14 14 14 14 14 14 14 14 14 14 14 1	178000	0 0 0 0 m m m m m m m m m m m m m m m m	
# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		13000 13000 13000	00000 0000 0000	000m	26000 26000 26000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 000 9 K	0000 9000 9000 9000 9000 9000	000*
****			1000 1004 1004 1004 100 100 100 100 100	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	140°0 140°0	3686000 as a second sec	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	E # # K.# M 9 II M B II	# # # # # # # # # # # # # # # # # # #	A A C C C M II	***** ***** ****** *******************	10 10 10 10 10 10 10 10 10 10 10 10 10 1	# # # # # # # # # # # # # # # # # # #	
**************************************	100 100 10 10 10 10 10 10 10 10 10 10 10	13 6 13 13 13 13 13 13 13 13 13 13 13 13 13	105 100 0 1 101 101 101 101 101 101 101	56 28.4 132 10.0 #	56 13.0 # 131 30.0 # 43 #	56 43 0 **	66 WW W W W W W W W W W W W W W W W W W	67 15.0 153 43.0 1485.9	#
* * * * * * * * * * * * * * * * * * *	* * * * * *	* * * * * * * * * * * * * * * * * * *	F * * * *	TIL CREEK	A A CARLUIA PALLARA	* * * * * * * * * * * * * * * * * * *	ALATNA RIVER	UPPER ALATNA RIVER 1	を AKONDACAUV を BROWNE 本 AKONDACO 本 PUNCHKINUKU NENANA UIVER 本 本 AKUDACO 本 PUNCHKINUKU NENANA UIVER 本 本 W DIC I を UNDEVELOPED
* 0.	**************************************	TOWERS CREEK WRANGELL PET	TYEE CREEK WANGELL-PET	VIRGINIA LAKE WRANGELL*PET UNDEVELOPED	WHITE RIVER WRANGELL *PET UNDEVELOPED	WILKES RANGE WANGE WAS WONDEVEL OPEN	* ALATNA RIVER * YUKON**KUYUKU * UNDEVELOPED	* ALATNA RIVER * YUKON*KOYUKU * UNDEVELOPED	* BROWNE * YUKON*KOYUKU * UNDEVELOPED ************************************
# # # # # # # # # # # # # # # # # # #	**************************************	* AKTNPA0407 * * AKTNPA0407 * * AKT0211 * AKT021 * AKT0211 * AKT021 *	AKTNPACACOS * A AKTORIS * A COFC I *	# AKTNPA0409 # AKU0217 # AKU0217 # # OFC I # #	* AKGNPAG410 * * AKUG222 * * 6 DFC H *	* AKTNPAOCELL * AKTOROCELL * AKTOROCEL * * S OFC H * *	AKÉNPAD425 : AKUO315 A ACUO315 A	* AKTNPA0426 * * AKU0316 * * 5 DFC I *	* AKONPACAUL * A AKU ONUO * * AKU ONUO * * AKU ONUO * * AKU OFIC * A AKU ONUO * * A AKU ONUO * * A AKU ONUO * A AKU ONUO * A A A A A A A A A A A A A A A A A A

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,02 PAGE 46 OF TABLE 1

* * * * * * * * * * * * * * * * * * *	*		****	*****	****	****	*****	****	7777
TATE OF PARTICULAR STANDARD AND ROLLES OF PARTICULAR STANDARD STAN	化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化								
	* * * * * * * * * * * * * * * * * * * *								
	* * * * * * 1 * *	W.O.	****	****	****	****	****	*****	****
# > O X	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5478.5 6.5880	44218 41.326	25650 25650 25650	9943.2	22524	2003 60.24	8479.8 26.920	20 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	*	****	****	****	****	****	****	****	***
	* 0000	840000 840000	1070000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	381000 381000	0000	0 125000 125000	315000 315000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
AND SEE			99	9.5	e e e e e	33		n m	
	# 6.0 # 0.0 # 0.0	00000	44 0000 0000	114000	133000	110000	28750	0000	00006
444 004 0333 6 0333 6 0333	# MM # #	m m	W W 4 4	जो जो जो जो	10 10 es es	# # # #	Ni Ni	* 6 * 6	
*****	* * * * * *	****	****	000	****	****	****	****	****
# # # # # # # # # # # # # # # # # # #	2000 2000 2000 2000 2000 2000 2000 200	205.0	120.0 65000 67.9	0 M	296.0	650 640 660 660 660	88 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	150°0 65000 135°8	110.0 65000 161.8
E E	* * * * *	****	****	****	****	****	****	****	* * * * 5
		•		•		~		~	
ATUR ATUR G G	* * * * * * * * * * * * * * * * * * *	1241 4 4 4 0 0 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*********	9320.0	3695		405.0	4140°0414	# # C • C2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
100 100 100	* 0 * I W * * * * * *	I H	* * * * * * * * * * * * * * * * * * *	T T T T T T T T T T T T T T T T T T T	# # # # # 50 10 10 10 10 10 10 10 10 10 1	**** II 16900	# # # # #	****	# # # #
TUDE * PROJ.PUR TUDE * STATUS REA * AVE. *M) * (CFS	* 00 * I W * * * * * * * * * * * * *	I H	****	M. 46. 7 . 48. 48. 48. 48. 48. 48. 48. 48. 48. 4	# # # # # # # # # # # # # # #	16.0 T T T T T T T T T T T T T T T T T T T	N	2000 2000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # #
CONSTRUCTOR A PROJUCTOR A PRESENTATION OF A REAL OF A RE	44444444444444444444444444444444444444	63 40.0 4 T 148 48.5 4 TS 650 8 1341	65 24.0 * H 156 23.9 * 13 24700 * 26500	65 43.7 * H 154 56.3 * 19 19950 * 19320	6 72		*****	90	I # * * *
A X LONDITUDE T DR. AREA (D M. M) * (D M. M) * (D M. M)	**************************************	T + + + + Ch	25 24 0 * H	T * " " " " " " " " " " " " " " " " " "	T * * * * * * * * * * * * * * * * * * *	CERT 156 0.0 * I	* * * * * * * * * * * * * * * * * * *	# 65 54.0 # H VER# 152 25.0 # 16 # 6700 # 1	* 66 46 4 1 1 1 1 1 2 2 4 1 1 3 1 1 1 2 2 4 1 1 3 1 1 1 3 1 1 3 1 3 1 3 1 3 1 3 1
A X LONDITUDE T DR. AREA (D M. M) * (D M. M) * (D M. M)	**************************************	T * 0.00	* 65 0 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 5 0 4 4 4 4	# 65 43.7 * I # 154 56.9 * IS # 19950 * I	A 4 400 4 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# 66 0.0 # H AIVER* 154 16.0 # 15 # 18700 # 16	A 63 1997 A H RIVER A 148 4583 A 168 A 135 A 168	A 65 54.0 A HAIVER 152 255.0 A 18	* 66 46 4 1 1 1 1 1 2 2 4 1 1 3 1 1 1 2 2 4 1 1 3 1 1 1 3 1 1 3 1 3 1 3 1 3 1 3 1
A X LONDITUDE T DR. AREA (D M. M) * (D M. M) * (D M. M)	**************************************	T + + + + Ch	25 24 0 * H	T * " " " " " " " " " " " " " " " " " "	T * * * * * * * * * * * * * * * * * * *	CERT 156 0.0 * I	* * * * * * * * * * * * * * * * * * *	# 65 54.0 # H VER# 152 25.0 # 16 # 6700 # 1	* 66 46 4 1 1 1 1 1 2 2 4 1 1 3 1 1 1 2 2 4 1 1 3 1 1 1 3 1 1 3 1 3 1 3 1 3 1 3 1
A X LONDITUDE T DR. AREA (D M. M) * (D M. M) * (D M. M)	**************************************	NENANA RIVERS & MAG 4000 A II	# 65 24.0 * T * COVUXUX * 136 23.9.9 * T * COVUXUX * 55700 * COVUXUX * COVUXUX * COVUXUX	# 650 4487 # T 4 70 4 4 50 4 4 10 4 10 4 10 4 10 4 10 4 10	A CONTRACTOR A CON	# 66 0.0 # H # 66 0.0 # H H KUYUKUK RIVER# 154 16.0 # 16 # 18700 # 16	* 63 19.7 * H # 63 19.7 * H JACK RIVER * 148 43.3 * IS * 135 *	* 66 54.0 * H KUVUKUK RIVER* 152 25.0 * 18 6700 *	* 66 46 4 1 1 1 1 1 2 2 4 1 1 3 1 1 1 2 2 4 1 1 3 1 1 1 3 1 1 3 1 3 1 3 1 3 1 3 1
A X LONDITUDE T DR. AREA (D M. M) * (D M. M) * (D M. M)	**************************************	NENANA RIVERS & MAG 4000 A II	# 65 24.0 * T * COVUXUX * 136 23.9.9 * T * COVUXUX * 55700 * COVUXUX * COVUXUX * COVUXUX	# 650 4487 # T 4 70 4 4 50 4 4 10 4 10 4 10 4 10 4 10 4 10	A CONTRACTOR A CON	# 66 0.0 # H # 66 0.0 # H H KUYUKUK RIVER# 154 16.0 # 16 # 18700 # 16	* 63 19.7 * H # 63 19.7 * H JACK RIVER * 148 43.3 * IS * 135 *	# 66 54.0 * H = KNYUKU KUYUKUK RIVER* 152 25.0 * 18 ELOPED * 6700 *	* 66 46 4 1 1 1 1 1 2 2 4 1 1 3 1 1 1 2 2 4 1 1 3 1 1 1 3 1 1 3 1 3 1 3 1 3 1 3 1
A X LONDITUDE T DR. AREA (D M. M) * (D M. M) * (D M. M)	**************************************	CARLO # 63 40.0 * H YUKON*KOYUKII NENANA RIVER # 148 48.5 * IS UNDEVELOPED # 650 *	DULAI * 65 24.0 * H YHKAN-KAYHKU KAYUKUK * 156 23.9 * 78 UNDEVELAPED * 25700 * 2	# 65 43.7 * I # 154 56.9 * IS # 19950 * I	A 4 400 4 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# 66 0.0 # H AIVER* 154 16.0 # 15 # 18700 # 16	A 63 1997 A H RIVER A 148 4583 A 168 A 135 A 168	* 66 54.0 * H KU KUVUKUK RIVER* 152 25.0 * 18	* 66 46 4 1 1 1 1 1 2 2 4 1 1 3 1 1 1 2 2 4 1 1 3 1 1 1 3 1 1 3 1 3 1 3 1 3 1 3 1
A PROJECT NAME OF GTREAM & LATITUDE & A PRIMARY CO. FINAME OF GTREAM & LONGITUDE & A CO. FINAME OF GTREAM & CO. FINAME & C	THE TAY AND THE TA	* CARLO * 63 40.0 * T * YUKON*KOYUKU NENANA RIVER * 148 40.0 * T * UNDEVELOPED * 650 * T *	* DULSI * TOYUKUK * 136 23.9 * TS * UNDEVELOPED * 25700 * 2	* FRV ISLAND * 65 43.7 * H * YUKAN-KRYIKII KOYIKUK PIVER* 154 56.3 * 13 * UNDFVELUPFO	* HEALY * PUKUN-KOPUKU NENANA RIVER * 148 56.9 * IS * UNDEVELOPED * 1900 * *	* HUGWES * 66 0.0 * H H Y YUKAN-KANYIKII KOYUKUK RIVER* 154 16.0 * 18 * UNDFVELOPED * 16	* 43 19.7 * H * JACK GIVER * 63 19.7 * H * YUKUN-KOYUKU JACK RIVER * 148 43.3 * IS * UNDFVELOPED * 135 *	* 4 ACK WHITE * 66 54.0 * H * YIKON-KOYIKII KOYUKIIK RIVER* 152 25.0 * 16 * UNDEVELOPED * 6700 * *	* 66 46 4 1 1 1 1 1 2 2 4 1 1 3 1 1 1 2 2 4 1 1 3 1 1 1 3 1 1 3 1 3 1 3 1 3 1 3 1
A PROJECT NAME OF GTREAM & LATITUDE & A PRIMARY CO. FINAME OF GTREAM & LONGITUDE & A CO. FINAME OF GTREAM & CO. FINAME & C	A COUNTY A COUNTY A A COUNTY A COU	* 6M 40.0 * T * 6M 40.0 * T * YUKNN*KOYUKU NENANA RIVER * 148 48.6 * IS * UNDEVELOPED * 680 *	* 65 24.0 * H * YIIKN-KRYLIKU KRYUKUK * 156 23.9 * 15 * UNDEVELIPED * 25700 * 2	* FRV ISLAND * 65 48.7 * F. * YUKON*KRYHKH KOYHKUK PIVER* 154 56.8 * 15 * UNDFVEHOPED * 19950 * 1	* HEALY * 63 48.9 * 1 * YUKUN-KOYUKU NENANA RIVER * 148 56.9 * IS * UNDEVELOPED * 1900 * *	* HUGHES * HUGHES * YUKAN-KANYUKU KAYUKUK RIVER* 154 16.0 * 18 * UNDFVELAPED * 14	* 63 19.7 * H * YUKUN-KOYUKU JACK RIVER * 148 43.3 * IS * UNDFVELOPED * 135 *	* 4 ACK WHITE * 66 S4.0 * H * JACK WHITE * TOYUKUK RIVER* 152 25.0 * 16 * UNDEVELOPED * 6700 * *	JIM RIVER * 66 46.8 * H VUKAN-KOYUKU JIM RIVER * 151 11.2 * IS UNDFVELOPED * 470 *

DATE 14 FEB B1 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,03

000 00 00 00 00 00 00 00 00 00 00 00 00		*****	****	* * * * *	****	****	****	***	***
で で の の の の の の の の の の の の の			****	***	****	****	****	****	***
- 60 C C C C C C C C C C C C C C C C C C	######################################	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	w w w w v · • v · • • v · • • v · • • v · • • • • • • • • • • • • • • • • • •	9 14 6 14 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	14.5547 14.5547	8897.5 47.5 47.4	101.88	6-9-2 8-9-3 8-9-8-8-8 8-8-8-8-8	80 CH CH CH CH CH CH CH CH CH CH CH CH CH C
COO CO	# # # # # # # # # # # # # # # # # # #	C # # # # # O O O O O O O M M M M M M	1W1000000 1W100000001 ******	M 94 6000 49 6000 600 6000 6000 6000 6000	191 191 191 191 191 191 191 191 191 191	201000 201000 2010000		117000	* * * * * * * * * * * * * * * * * * *
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			C C C C C C C C C C C C C C C C C C C	* * * * OOOOO	# # # # # 00000 999 MM	# # # # # 0 000000000000000000000000000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11 MO 00 00 MI	# # # # OOO
(FT) ***	# # # # # # # # # # # # # # # # # # #	* * * * * 000 *00 *00 *00 *00 *00 *00 *0	######################################	44444444444444444444444444444444444444	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	* * * * 000 ° 000 ° 000 ° 000 ° 000 °	* *	* * * * *	000 000 000 000 000
** G G G F G G F G G G G G G G G G G G G	**************************************	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11 80 100 100 100 100 100 100 100 100 10	T T T T T T T T T T T T T T T T T T T	T		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	***
LATITUDE & ONGITUDE &	64 85 9 101 101 105 90 10 10 10 10 10 10 10 10 10 10 10 10 10	64 52.8 130 19.8 42500	64 13.8 158 38.9 296000	64 45.6 150 30.0 5440	66 27 6 153 4.9	64 31.5 151 33.0	64 105 105 106 106 106 106 106 106 106 106 106 106	* * * * * * * * * * * * * * * * * * *	64 22.8
A MAME OF O TO THE OFFICE OFFI	**************************************	AANANANANANANANANANANANANANANANANANANA	**************************************	* * * * * * * * * * * * * * * * * * *	**************************************	ACKINLEY RIVERS	MELOZITNA RIVA	MELOZITNA 91V	**************************************
* FM 2 ID NO * PROJECT NAME * FM 1 ID NO * PRIMARY CO. INAME OF STREAT * CODE CODE * * CODE * * STLE * * STATUS *	**************************************	JUNCTTON TSLAND YUKON-KÜYUKU UNDEVELOPED	KALTAG RIVER VUKON#KUYUKU UNDFVELOPFO	KANTISHNA RIVER YUKON-KOVUKU K UNDEVELDPED	KANUTI YUKONªKOYUKU UNDRVELOPED	MCKTNLEY RIVER YUKON-KOYUKU UNDEVELDPED	MELOZITNA VIIKON-KOVIKU IINDFVELOPED	MELOZIŢNA RĪVĒR Yukon-koyuku Undeveloped	NONTINA RIVER VUKONTKONIKU
A W TH COOR COOR COOR COOR COOR COOR COOR COO	* * * * * * * * * * * * * * * * * * *	AKSNPAPS16 ** AKUQA44 ** 6 DFC I **	AKGNDANGUG * AKTONAN * C OFC I *	AKONDANONA AKUOM46 A OFFO I	AKENPAZG17 * AKU3447 * 6 DFC I *	AK6NPA2629 * AKU0349 * AKU	AKENPARE18 * AKHO351 * S DFC I *	AKENPARESO ** AKUNNSO ** OFC D *	AKENPAZENZ * AKUONUS *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29.03

ARKARARARARARARARARARARARARARARARARARAR	依住 电	* * * * *	***	***************************************	***	* * * * *	***
# (TTE\#)	* * * * * * * * * * * * * * * * * * *	1500010 200010 200010 2000 20010 20010 20010 20010 20010 20010 20010 20010 20010 20010 200	20 IN A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A	9700.7	60163 # 29.348 # *	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17000 1700 1000 1000 1000 1000 1000 100
MANAMANAMANAMANAMANAMANAMANAMANAMANAMAN		64000000	* * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * 000000000000000000000000000000	100000000000000000000000000000000000000	* * * * * * * * * * * * * * * * * * *
K K K K K K K K K K K K K K K K K K K	2	460000	000 KB	44 0000 000	426000 626000 00000000000000000000000000	0000 55 M	62000 62000
* * * * * * * * * * * * * * * * * * *	R R K	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 00 00 00 00 00 00 00 00 00 00 00 00 0	0.00 W
**************************************	11000000000000000000000000000000000000	11 11 11 11 11 11 11 11 11 11 11 11 11	2 E	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	2 III	TIM
AL ALLUDE APROLEDUM AND SANAS AND	200000	64 45.6 135 28.0	64 59 0 149 34 0 180 0	64 13°3 148 44°3 148 148 148 148 148 148 148 148 148 148	164 50°0 44 450°0 44	64 57 0 x x 149 10 0 x x	63 37 9 8 148 48 9 8
RIMARY CO. TONER OF STREAM	VUKON RIVER	YUKON RIVER	HEKLANIKA RICA	AT ATLANIKA DA	TANANA RIVER	NENANA DIVER	YANFKT NO 2 YUKON-KOYUKU NENANA RIVER W UNDEVELDPED
FM 2 ID NO # PRIMARY CO. #NAME OF GTAE ACTV DEF # DRIMARY CO. #NAME OF GTAE CODE # COD	RAMPART TYLKON-KOVIKII UNDEVELOPED	RUBY YUKON-KOYUKU UNDEVELOPED	TEKLANIKA YUKON-KDYUKU UNDEVELOPED	TOTATLANIKA RIVER YUKNN-KOYUKU TO UNDFVELOPED	VACHON ISLAND YUKON-KOYUKU UNDEVELOPED	WALKER CREEK YUKON-KOYUKU UNDFVELOPED	YANFRT NO 2 YUKAN-KMYUKU UNDEVELOPED
* FM 2 ID NO * FM 1 ID NO * ACTV DEP * CODE * FILE STATUS	A K K K K K K K K K K K K K K K K K K K	AKENPASE21 * AKENPASE21 * AKENPASE21 * A DFC D *	* AKENPAD431 * AKU0361 * 5 DFC I *	* AKGNPAO432 * * AKUNGAC * * S DFC I *	* AKENPAO433 * * AKU0363 * * 6 DFC I *	AKENPACASA * AKCOPACASA * AKCOSEA * ACCOSEA *	* AKÉNPAC435 * AKÉNPAC435 * AKENC366 * AKENC

SCALE DEVELOPSENT SMALL ¥ 09 22 UL ADDITIONAL Z V CAPACITY я В POTENTIAL υ ∺ α ပ SICAL L. **>** ۵ **>**

N: 0: 2: 1 N V

B

w

iui I

Z

* * * *		* + * * * * * * * * * * * * * * * * * *	M G M	* # # # # # # # # # # # # # # # # # # #		ที่เกิด เกิด เกิด	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3)
***	រភ :	* D D M	0	0	0		*****	NS S AND HATT)
**	Σ Σ	* * * * * * * * * * * * * * * * * * *	* * * * * M O * *M M N	* * * * * * * * * * * * * * * * * * *	*****	40 40 40	10. 4 W W # #	E COCC STORY
****		* * F-0 < 1	* * * * * O	0	, C , C		######################################	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
*****		HO25	* * * * * * * * * * * * * * * * * * *	0 °	0			G C A P A A C C C A C C C C C C C C C C C
# 年 # # # # # # # # # # # # # # # # # #	33	MONON MONON	* * * * * O * O				* * * * * * * * * * * * * * * * * * *	x x x x x x x x x x x x x x x x x x x
**************************************	*	* * * * * DC C * DC C * DC C * DC C * DC C	0 0	0	0 0	* * * * * C C	* * * * * C * C	A SACA SACA SACA SACA SACA SACA SACA SAC
. CAPACHT		* * * * * * * * * * * * * * * * * * *	0 0	0 0	o	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	01-1 01-1 01-1 01-1 01-1 01-1 01-1 01-1	U
120元四元日と14日1日 14日 14日 14日 14日 14日 14日 14日 14日 14	***	* F T T T T T T T T T T T T T T T T T T	****				****	
4	Σ Σ	# # # # # # # # # # # # # # # # # # #					****	
POTENTIAL ********	E E In	# * * * * * * * * * * * * * * * * * * *	0				****	2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
****		* * * * i * h + c i * k H Z U i * X H i * i	* * * * *					EXISTING DAUNDEVELOPED
***	* * *	* * * * * * * * * * * * * * * * * * *	r Mai	* -	* :	k 37 m 1 k k	* * * * * * * * * * * * * * * * * * *	* - - -
经存货分割 医克拉克氏 医克拉克氏 医克拉克氏 医克拉克氏 医克拉克氏 医克拉克氏 医克拉克氏 医克拉氏征 计算法 计算法 计算法 计算法 计算法 计算法 计算法 计算法 计算法 计算法	Z Z	* M M 4 4		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		**************************************
****	# ME 500	AKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	K # # # # # # # # # # # # # # # # # # #	* **	* * * * * * * * * * * * * * * * * * *	* ** * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
***	•	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 64 * * * * * * * * * * * * * * * * * *	K MO *	* HIII
* * *	4 J 0	93T HZ	K 208 K 242 K 263 K 200 K	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * W - G * O U C	** NED I DO O I CO O I CO O O O O O O O O O O O O
w <c< td=""><td></td><td>-4:u3:u - - -</td><td>0+19</td><td>* 0 * 1 * 0</td><td>* 6</td><td>* C</td><td>TOTAL</td><td>* * * * * * * * * * * * * * * * * * *</td></c<>		-4:u3:u - - -	0+19	* 0 * 1 * 0	* 6	* C	TOTAL	* * * * * * * * * * * * * * * * * * *

T N H E O O O O O O O ADDITIONAL ох Ох 2 4 POTENTIAL CAPACITY PHYSICAL HYDROELECTRIC

V N D Z I W V

is.

STATE

E E

Z

# W # # # # # # # # # # # # # # # # # #	# IU # U U U U E E E E E E E E E E E E E E	THE COLOR A A A A A A A A A A A A A A A A A A A	**************************************
	# W #WW # P P P P P P P P P P P P P P P	**************************************	* * * * * * * * * * * * * * * * * * *

•		***********	张····································	*******	张宗教张宗教张	-	我我会就在我我我我	各种的现在分词 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
A TENNET STATES AND A STATES AN	w	#	PROJ.PURP.*	* DAN HT		TACKAN - POLXNA	LOCU POGEN	THE TOTAL STREET
-	PRIMARY CONAME OF STREAM	*LONGITUDE *		# # # # # # # # # # # # # # # # # # #	TACE CAN		200 - 1000	・ ことによりないのでは、
	C UZSO	A OK A KEA	3	(FF)	. (XX)	* (INE) *	(1000 3)	* (SEGUENCE RANK)
* COOF COOF *		* CH* W CO	*	(AC FT) *	33	4 (132)	(HEE/S)	* (XXVX BUXBOCHO) *
* STATUS *		* (IE CO) *	* (040)	本体本のなるなる。	***********	************	********	· · · · · · · · · · · · · · · · · · ·
*	医皮肤性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性			200.0	0	*	2436.1	*
* * * * * * * * * * * * * * * * * * *	A GLEACHA TEAL SALT RIVER	# 110 41.6 #		200000 ¥	0088	*	9002*9	# ·
		*	#0°5#	624.3 *	43500	* 0000097		
		*	*	# 1		* 1		
× -			44	* 4	C	· ·	2.986¢	
# AZ75PL0514	1	, c	DE 4	000000	000000000000000000000000000000000000000	13600	21.737	4
		* 0 T T T T	****	4 110 11 11	28500		ı	*
2.0	A CALL RIVER TRUCKS			*		*		
* 1	K -9		*	* ·	•	* *		# 1
* AZ68PL0513		37.1	* ·	# 0 n n n n				
		* 110 54.4	# C ()	4 4 6 6 6		* 72000 *		
* 2 OFC -	* SALT RIVER PROJECT	K · · · · · · · · · · · · · · · · · · ·	* #	· 本		#		•
*	*	* 4	*	*		*		
	10 CC 1	# 23 48° 2 #	THS	140.0.	C	#	3720.3	*
# A2734510	1 . 1 . 1 .	10 30	*		43500	* 280000	13,286	*
2			*0.0*	199.8	43500	* 28000		·
3		*	*	*		*		* 1
			*	4		æ 1	c	K +
4 A7FSPL0507	# RONSEVELT PUMPED STORAGE	# 33 40°0 #	* XIOH	0.000			> C	
	# GILA SALT RIVER	* 111 9.9 *	9	000000			•	· •
* 2 DFA O	* OUT NPRS	* 4.070	***************************************	>	,			
*	***	* •	•			*		*
	*	4 0 0 0 T	# 00 X	280.0	36000	* 00064	0	
* AZISPL0020		, ,	*	1382000		-	0	*
* AZ10517		7	638.0*	231.9	36000	* 00064		n *
0 040 8 *	Koon TOO K	•		•	_	*		*
* 1	k #		*	4	_	*	200	•
A AZKSPL0017	A DURANG CREEK	* 34 7.3	•	0 0 0	-		ののというできる	
AZU1014		* 111	1					: 4
# 1 DRC I	A ARIT GAME + FIGH	* 150	# O					
		*		-		*		
*		C 20 22	WILL A	140.0		*	2740.0	*
* AZ78PL0515	2 KJ	700		0006	25200	136000 4	20.147	*
	1		*2.0*	300.0	92520(#		*
د	K -4 7		•			*		*
e 1			*	8		* 1	•	# 1
4 A79SPI 0504	* ALCHESAY	* 33 38.5	-	524.0		. 4	• •	. 4
	* HARTCOPA SALT RIVER	* 111 9.6	*		•		>	
+ > DFA I	*	*	**		4	***	*******	- 神教教徒教教教教教教教教教教教教教教教教
**********	· 但我就是我就是我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我	- 教育教育教育教育教育教育	化水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水					

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.03 PAGE SO OF TABLE 1

ACTV DEP OCOPE STATUS	****	Σ	** LONGITUDE ** DR.AREA ** (D M.M) * (SO.MI)	****	00 00 00 00 00 00 00 00 00 00 00 00 00	* (FU) *	4H 0XXX 0XXX 0XXX 0XXX 0XXX 0XXX 0XXX 0X	2	- 6 6 6 6 6 6 7	
A NUMBER AND	* < \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	**************************************	****	* * * * *	* * * * * * * * * * * * * * * * * * *	** ** ** ** ** ** ** ** ** ** ** ** **	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* COOM * C * C * C * C * C * C * C * C * C *	######################################	
AZCSPL0019 AZ10308 2 DFC	* SARTLETT R * HARTCOPA * DOI USBR	RESERVOIR VERDE RIVER	4 33 49 1 4 11 37 6 4 6185	****	4 # # 0 # # # # # # # # # # # # # # # #	1200001 1200001 1200001 1200001	000084	0000 000 0000 0000	2094 41.940	* * * * * * *
AZESPLOS11.	** BEARDSLEY ** MARTCOPA ** MCMECD #1	CANAL DROP BEARDSLEV CAN	33 47° 112 16°	#####	****	4.4.4.4	0000	444 000 444 000 000 000 000	0.17- 0.12- 0.14-	
AZESPLUS12 *	CAP CANAL MARTCOPA	TURNOUT CANAL COFF	112 16.	****	****	000	000 90 00 90 00 90 00		302.41	* * * * * *
AZESPL0503 *	CHANDLER MARTCOPA SRP	TEMPE CANAL	33 26.2 111 50.8	****	# # # # # # G G T DL	COO.	000	000 000 mm	ન સ્ટ દુ. જા દુ. જા જા જ ક્રા જ	* * * * *
AZKSPLOSO1 *	CROSSCUT MARTCOPA SRP	GRAND CANAL	33 26.3 111 56.7	****	* * * C &C &C AC AC	000	0000		00	****
AZISPLOO27 * AZIO311 * AZIO31 * AZIO3	HORRE WESA MARTCOPA FOOT HISBR	SALT RIVER	33 35.9 111 20.9 5870	****	11.88 90.00 18.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	000 m m m	M 100000 M M 1000000 M M M M M M M M M M	e c	ns
AZLSPL0509 * AZ10311 * DFA **	HORSE MESA MARICOPA DOI WPRS	A TONA GEO STORA	33.35.9	****	4 C C C C C C C C C C C C C C C C C C C	N 4 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	000	00	
* AZISPLOOZS * MORMON FLAT * AZIO313 * MARTCOPA SALT RIVER * 2. DFC * DI HSBR	MORMON FLAT	* * CHAN	33 32.9 111 26.0	***	* * * 0 * 6 * 0 * 0 * 0 * 0 * 0 * 0 * 0	**************************************	10000	0000	00	

DATE 14 FER 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,03

* FE ST	**************************************	LATITODE AND CONDITIONS AND CONSTRUCTORS	ARRESHRARKKAKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	* * * * * * * * * * * * * * * * * * *	# 0 B	KKKAKAKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	* * * *	THE MAN TO NOT THE TANK THE THE TANK TH
ACTV DEP	S IN MC	CD AREA (D X X X) (D X X X) (D X X X X X X X X X X X X X X X X X X X		##. HO. (AC FT) (FT) # #	1999	* (INE) *	2 7	* (ONDURNCE AANK) * (ONDURNCE AANK) * (ONDURNCE AANK) * * (ONDURNCE
# 00 M	**************************************	* 111 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #				
2 * *		K # #	•	t-4x - 4x >	•	**		**
* AZESPLOSOO * * AZESPLOSOO * * AZESPLOSOO *	* SDUTH CONSOLIDATED * MARTCOPA * SRP	* 33 28.0 * * 111 46.6 *	# # CO	* * * * * 000 'A M	1400	# # # # # # # #	MOUN MO MO MO MO MO MO MO MO MO MO MO MO MO	***
* AZCSPL0024 * AZ00001 * AZ00001	* (LAKE PLEASANT) WADDELL * NAWTOOPA AGIA FRIA RIV. * MCMWCD *1	* * * * * * * * * * * * * * * * * * *	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		11.000	**************************************	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	****
* AZISPLO029 * AZIO318 * 2 SCP	* (SAHUARD LAKE) STEWAPT MOUNT: * MARTCOPA SALT RIVER * DOI USBR	111 33 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 4 C C C C C C C C C C C C C C C C C C	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10400	# # # # # # # # # # # # # # # # # # #	c o	***
* AZSSPLOSIO	* ** HUALAPAI HYDRO PROJECT ** HOJAVE COLORADO	35 448 35 448 113 348 4 113 348	T 10 00 00 00 00 00 00 00 00 00 00 00 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1366000 1366000	* * * * 00000 gin m. * * * *	27503	****
* * AZ69PL0033 * AZ01028 * 1 DRC I	* DIPPING VAT SILVER CREEK * AAVAJO SILVER CREEK	34 22.6 ** 110 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0 HO 0 H	7 7 7 M 2 M 3 M 3 M 4 M 5	100	****	501.91.691.891.891.891.891.891.891.891.891.891.8	****
* AZCSPL0018 * AZCOCC * 1 DRC	* MINERAL CREEK ARCH DAN * PINAL * KENNEGOTY COPPER CORP.	* 33 13 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	本本本本。 の の の の の の の の の の の の の	######################################	19 th	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	80 10 10 10 10 10 10 10 10 10 10 10 10 10	
* AZGSPLOSOS * * DFC II	* CHILDS * YAVAPAI FOSSIL CREEK * ARITONA PUBLIC SERVICE *	* 34 20.9 * 111 41.9	IG	1075	3600	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00	
* AZCSPL0070 * AZ10310 * 2 DFC	* AZCSPLOO7G * HORSESHUE RESERVUTR * AZ10310 * YAVAPAI VERDE RIVER * 2 DFC	# 33 100 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	131000 1314 7	00000000000000000000000000000000000000	# 000mm # # 000mm # # # # # # # # # # #	10040°1	在在在在安全的基础的基础的基础的基础的

DATE 14 FEB B1 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,04 PAGE 52 OF TABLE 1

* FTM 11D CO * * * TO CO	* FM 1 10 NO * PRIMARY CO. *NAHE OF GTREAM * ACTV DEP * OWNER OWNER CODE * TILE * GTATUS * * GTATUS * * * GTATUS * * * * GTATUS * * * * * * * * * * * * * * * * * * *	Σ		* AVE 0 * PWR HO * * (PT) * (AC FT) * (AC FT)		TANGE CANGE	TOTAL MARKET COOTS TOTAL CO		A (NEED A (NOTE A CONTROLL A CONT
# AZGSPLOSO6 * IRVING * YAVAPAI	FOSSIL CREEK ARITONA PUBLIC SERVICE	A A A A A A A A A A A A A A A A A A A	######################################			######################################	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * * *	经收收收收收收收收收收收收收收收收收收收收收收收收收收收收收收收收收收收收收
AZCSPL9999 # AZ1001 # # SCP # # SCP	ALAMO RESERVOIR YUMA DAEN SPL	IR BILL WILLIAMS*	34 13°9 * 113 36°1 * 4770 *	* * * * * Q Q D	1409000 # # # # # # # # # # # # # # # # #		0 N N	35,169 15078	* * * * *
AZCSPLOO72 AZ10437 P DRC	HEANGATE ROCK YUMA	COLCRADO RIVE*	34 10.0 * 114 30.0 * 178900 *	100 100 100 100 100 100 100 100 100 100	4 4 4 4 4	50 dt dt 44 44 44 44 44 44 44 44 44 44 44 44 44	16011	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
AZISPLO071 *	* AZISPLOO71 * (LAKE HAVASU) PARKER * AZIG312 * YUMA * Z AZIG312 * YUMA * Z DOI USBA	# 34 17.7 COLORADO RIVE# 114 8.1	34 17°7 * 114 8°3 *	1180 0P 415509.14	8 4 4 4 000 00 00 00 00 00 00 00 00 00 00	120000 ## # 120000 ## # # # # # # # # # # # # # # # #	285171 # # 0 0 # 285171 # # 0	co	****

SCALE | Z | U | Z | O | EVELO S M A L L ٥ >-© 60 Z K ADDITIONAL z ш Q Z **5.**. STATE ox D CAPACITY POTENTIAL E E CTRIC z PHYSICAL HYDROELE

	* * *	4	**************************************	4	4 4 4 4 4	+ + + + + + +	POTENTIAL		INCREMENTAL	CAPAC	Z *	on **	***	**************************************	**************************************	***	* * * * * * *
	* * * * * (Z C)		0.0 MM (200			K K	k in				I I	Σ Un		C.	χ Σ	iù Z	
	# **** 531 HZ	* * * # # # # # # # # # # # # # # # # #	* T X X X X X X X X X X X X X X X X X X	* * * * * * * Z Q A A A A A A A A A A A A A A A A A A	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 50 U < 1	خ استا استا تعا تع	* * * * 1	# 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* ~ ~ 0 +		# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	X X X X X X X X X X X X X X X X X X X	* 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10144 10144 10164
a 5 a 7	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* *O	* * * * * * * * * * * * * * * * * * *				o	K 711 + 12 + 13 + 13 + 13 + 13 + 13 + 13 +		k e 1	****	7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1.22
< ⊃ <z< td=""><td>* * * * * * * * * * * * * * * * * * *</td><td>* * * * * * * 0 * * 0 * 0</td><td>* * * * * * * * * * * * * * * * * * *</td><td>* C * * * O *</td><td>*</td><td>* * * * * * * * * * * * * * * * * * *</td><td>K K K K K K K K K K K K K K K K K K K</td><td></td><td></td><td></td><td></td><td>* * * * * * * * * * * * * * * * * * *</td><td>k eM i</td><td></td><td>26 76 76 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4</td><td>M 20 0</td><td></td></z<>	* * * * * * * * * * * * * * * * * * *	* * * * * * * 0 * * 0 * 0	* * * * * * * * * * * * * * * * * * *	* C * * * O *	*	* * * * * * * * * * * * * * * * * * *	K K K K K K K K K K K K K K K K K K K					* * * * * * * * * * * * * * * * * * *	k eM i		26 76 76 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M 20 0	
* 3<2	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*	女							* * * * * O O	****	11 12 6W 10 10 14 11 11	10 m	* * * * *	r ku⊷ 4
- Jak	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	* *0 * 0 *	* 0	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* **			* *O i		* # * * * C		* * * * * O O	o o
	* * * * * * * * * * * * * * * * * * *	* * * * * * * * O * * O * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*				* * * * * * * * * * * * * * * * * * *	44 44 40 60	. 40	# 00 M 00 	r unoc ∃			M 60 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	• 40 •
Ξ	*** COLUMN COLUMN COLUMN	* + UM * HBB *	**************************************	**************************************	* P P	**************************************	* * * * * * * * * * * * * * * * * * *		# # # # # # # # # # # # # # # # # # #	SUM OF E	NEW POTE	1	CAPACITY X X CIVEN HEAD	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	. ⊃@ ± : □ 0 ± : □ 4 4	2 P T P T P T P T P T P T P T P T P T P	E

DEVELOPMENT ADDITIONAL > 00 02 U3 ox O Q ₹ POTENTIAL CAPACITY PHYSICAL HYDROELECTRIC

A W X X X W

0

STATE

T I

z

	* * * 3	有 依 生	***************	***	化二甲基苯甲基甲基苯甲基	****	*********	*	I NCK S S S S S S S S S S S S S S S S S S S	7		******	*************	***	***	*	· · · · · · · ·
iki HZ	* * * i	4 4 4	N O	30 1	* * * * * * * * * * * * * * * * * * *	4 4 4	3E 4	E I	* * * *	9 ·	EATER TH	N N	***		TOT	-	
ۇ سۇنغاد د 19	* * * * * * * * * * * * * * * * * * *	KE WE WE WE WE WAS A STATE OF THE SECOND FOR THE SE	KAH CH KAH CH KACH KACH KACH	X X X X X X X X X X X X X X X X X X X		M X X X X X X X X X X X X X X X X X X X	* * * * * * * * * * * * * * * * * * *	******	X H	K K K K K K K K K K K K K K K K K K K	HXX HXX HX HX HX HX HX HX HX HX HX HX HX	* * * * * * * * * * * * * * * * * * *	* F C C C C C C C C C C C C C C C C C C	**************************************	-x ⊱ ac a.	i Sim	* O H O * A O H O H
		000	****			K	* * * * * * * * * * * * * * * * * * *	* * * * * * *	x		* OC	* 00 ·	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	≄ धाःकः	*	* **
	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	K -	000	000		200	# NO H	k NIMED 1	K MO 1	* * * * * * * * * * * * * * * * * * *	* U/O	* 100-3 * Mag :	*	* * * * * * * * * * * * * * * * * * *
6	2	K 4				K • • • •	27.02.14.4	K 444 4	(N - 0 + 1		* * * * * * * * * * * * * * * * * * *	* → 01.00 ÷	* + 40 · 5 · 5 · 5 · 5 · 5 · 5 · 5 · 5 · 5 ·	*	* * *	* = N * * *	* เกษาเก
		000	* * * * * * * * * * * * * * * * * * *					00		K 10 W 10 1			* * * * * * * * * * * * * * * * * * * *	* 10-20 * 10-40 * 10-40	* 000	* 00 ·	* 600
_ A _	: ΣՄΠ + : Φ.Ο.Φ. + : Μ.►Ω. + : σ.>> + : φ.>> +	は	20 M C 1	* * * * * * * * * * * * * * * * * * *		****			* * * * * * * * * * * * * * * * * * *	. o.v. i	* * * * * * * * * * * * * * * * * * *	K 4.0	* * * * * * * * * * * * * * * * * * *	* 00 00 * 00 10 * 00 10 * 01 10	* * * * * * * * * * * * * * * * * * *	*	* 000
	אה אה אה אה אה אה אה אה אה אה אה אה אה א	— o.m H u u	CTSTING DDITIONA UDEVELCP	. ∃.161 } 0 sr		M N N N N N N N N N N N N N N N N N N N	K	6 X X CO C C C C C C C C C C C C C C C C	t	£	A B D D D D D D D D D D D D D D D D D D	IL AT ALL S FOR GIVEN	A SH CAME	* * * * * * * * * * * * * * * * * * *	**************************************	* 0.41 * 0.41 * 4.40	AND GUR)

DATE 15 FEB B1 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,23

MACO MODULANCA MARKA A A A A A A A A A A A A A A A A A A	1011	2003 2009 2019 #		# # # QUUCU @ COO CU	2001 2007 2016 #	0		****	
**************************************	# # # # #	0.00 a a a a a a a a a a a a a a a a a a	****	2000 - 10	20 M 20 M 20 M 20 M 20 M 20 M 20 M 20 M	66	4 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00	33932 8 120 • 93 * * * * * * * * * * * * * * * * * * *
**************************************	7.70	4448 6448 6448 6448 6448 6448	67-0 67-0 67-0 67-0 67-0 67-0 67-0 67-0	197684 # # # # # # # # # # # # # # # # # # #	1.0660 0.0660 0.0600 0.	1-0-4-6-6-1 1-0-4-6-6-6-1 1-0-4-6-6-6-1 1-0-4-6-6-6-1 1-0-4-6-6-6-1 1-0-4-6-6-6-1 1-0-4-6-6-6-1 1-0-4-6-6-6-1 1-0-4-6-6-6-1 1-0-4-6-6-6-6-1 1-0-4-6-6-6-6-1 1-0-4-6-6-6-6-1 1-0-4-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6	* * * * * * * * * * * * * * * * * * *		* 0 M 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
# U U Z Z Z	11174	* * * * * C N N 10 00 10 10 10 10 10 10	## 00000## ## 00000##	# # # # # OM M OM OU ES ES OM M OM M	# # # # # C	700007	* # * * * * * * * * * * * * * * * * * *	112000 112000 112000 112000	# 0.000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
**************************************	# # 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	80 N T T T T T T T T T T T T T T T T T T	10408000 1041 1911 1911 1911	00.00 00.00 00.00 00.00 00.00 00.00	0 M 0 M 0 M	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *		
# 1 A A A A A A A A A A A A A A A A A A	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CH 6750.04 * * * * * * * * * * * * * * * * * * *	CT C	13 11200.0	10.00 m	# # # # # # # # # # # # # # # # # # #	#### 6.60 0.00 0.00 0.00 0.00 0.00 0.00	CH C	X X X X X X X X X X X X X X X X X X X
*	**************************************	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	000 000 000 000 000 000	36 7.9 92 13.0 9911	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	0 * 0 # # # # # # # # # # # # # # # # #	* * * * W W W W W W W W W W W W W W W W W W W
* # *	**************************************	92 H H H H R	HHT RIVERS	WHITE RIVER	E I	NORTH FORK OF	KAR EAGLE CRE	WHITE RIVER	THE SECTION
AND REPAREMENT AND TOTAL OF THE	**************************************	BUFFALO CITY BAXTER	BULL SHOALS BAXTER DAEN SWL	CHAN TAN BAXTER	######################################	NOTATION OF COMPLETE OF COMPLE	SEN SELE	* BEAVER CARROLL * DAEN SWL	* GRANDVIEW KINGS BIVER * CARROLL KINGS BIVER
PANNANANANANANANANANANANANANANANANANANA	A ARACELIOON A ARACA A ARACA A AROON A A AROOM A A A BOOM A A A BOOM A	A A ARUGOOD WAY A A ARUGOOD ON WAY A A A A A A A A A A A A A A A A A A	** ** ARIGHLO005 * ** AROU160 * ** AROU160 * ** I DRC I *	* AR6SML0003 * ARU0170 5 * BRU0170 5 * BRU0170	ARESMINOO1	ARISWLOOD4 ** AROUIS9 **	ARESELDODE A ARESELDODE A A ARIO143	ARISWLOO10	* ARESWLOOOS * ARUOOOS * 5 DRC D

DATE 15 FEB BI NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.24 PAGE 9 OF TABLE 1

MARCHONDERD MARCHOND MACCONS M	* * * * * * * * * * * * * * * * * * *	****	* 2017 * 2017 * 2012	*****	* * 101W 101W 101W 101&	. * * * * *		****	* 1020 1020 1020
ENGREY COG (1000 6)	**************************************	66	69.25 8.35 8.35	8.50 8.50 8.50 8.50 8.50 8.50 8.50	1864.0 21.163	5926.7	5619.7 208.90	50 00 00 00 00 00 00 00 00 00 00 00 00 0	1861.7
- MASSS: - NESSEE: -	* * * * * * * * * * * * * * * * * * *	# # # PO M & # # # PO M & # # # # PO M & M PO M O M O M O M O M O M O M O M O M	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	onn	88077 88077 4 4 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 10 10 10 10 10 10 10 10 10 10 10 10 1	70 mm	M W C C C C C C C C C C C C C C C C C C	60000000000000000000000000000000000000
D	# W W W W W W W W W W W W W W W W W W W	* * * * * * OOOOOOOOOOOOOOOOOOOOOOOOOO	19076	000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	160000	1 6 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	* * * * * * * * * * * * * * * * * * *	A T T T T T T T T T T T T T T T T T T T
EN *FOF	K + K + K K + G O D K + G O D	2844000 * 190.7 *		61.0 ± 475000 ± 17.9 ±	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	200 200 200 200 200 200 200 200 200 200	44 W W W W W W W W W W W W W W W W W W
	KKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	CH OP *2217.6*	# # # # # # # # # # # # # # # # # # #	200 200 200 200 200 200 200 200 200 200	# # # # # # # # # # # # # # # # # # #	# # # # # O Pr M B	10 10 10 10 10 10 10 10 10 10 10 10 10 1	CSR # 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0.0 4 4 4 0.0 4 4 4 0.0 5 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
CONGITUDE CONGITUDE CONGITUDE CONGINA CONGINA	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	35 31 35 0.0 34 0.0	35 27.4 91 56.5 1210 **	***** ***** ***** **** **** **** ***	100 47 - 100 100 100 100 100 100 100 100 100 1	35 19.5 4 6 2 5 4 4 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	35 22.9 4 13.1 4 158 4 4 4 158 4 4 4 158 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	45 4.8 4.9 4.15 4.8 4.15 6.88 6.4 4.4 4.4 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4
A	X X X X X X X X X X X X X X X X X X X	** LITTLE RED. *	LITTLE RED RI*	AT RESERVOIR A BAYON DORCHEAN SITE	A WEAN SAN SAN SAN SAN SAN SAN SAN SAN SAN S	EAST FORK SOUT **	33 33 33 33 33 33 33 33 33 33 33 33 33	# # # # # 20 20 20 20 20 20 20 20 20 20 20 20 20	FERRY LOCK AND DAMMARANSAS A
PRIMARY CO NAME OF STREA		GREERS FERRY CLERURNE DAEN SWL	DUARRY Cleaupne	BAYNU DORCHFAT COLHMBIA UNDFVELOPED SI	CONMAY CONMAY DAEN SWL	SOLGOMACHTA	NATURAL DAM Crawford	PINE MOUNTAIN CRAWFORD	TOAN SUCK FERRY LOCK AND DA FAULKNER ARKANSAS DAEN SWL
* * * * * * * * * * * * * * * * * * *	AR6SWL0009 * ARUO144 * S DRC D *	ARISWLOO13 * AROO173 * AROO173 * S	**************************************	ARGLMNOOD1 * ARGUNOOD1 * ARUDO10 * ORC I *	ARASWL0015 ** AR00165 ** 2 DRC I **	AR6SWLOOTG * ARUDI61 * S DRC I *	AR6SWL0020 * ARH0154 * 5 DRC D *	AR6SWLSONS ** 5 DRA I **	* ARASWLOOP6 * ARAO0170 * *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME OI.18.24 PAGE 10 OF TABLE 1

######################################		4 0 0 0 0 1 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0	****	* * * * * * * * * * * * * * * * * * *	67-07-07-07-07-07-07-07-07-07-07-07-07-07	° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	14497.6 # 2008 15. 20 # 2013 14. 20 # 2013	47. Wild # 0. 0. # 14. 0. 0. # 14. 0. 0. # 14. 0. 0. # 14. 0. 0. # 14. 0. # 14. 0. # 14. 0. # 14. 0. # 14. 0. # 14. 0. # 14. 0. # 14. 0. # 14. 0. # 14. 0. # 14. 0. # 14. 0. # 14. 0. # 14. 0. # 14. 0. 0. # 14. 0. 0. 0. # 14. 0. 0. 0. # 14. 0. 0. 0. # 14. 0. 0. 0. # 14. 0. 0. 0. # 14. 0. 0. 0. # 14. 0. 0. 0. # 14. 0. 0. 0. 0. # 14. 0. 0. 0. 0. 0. # 14. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	本
**************************************		E A A A A A A A A A A A A A A A A A A A	* * * * * * * * * * * * * * * * * * *	N 3		151696 * 151696 *	20 00 00 00 00 00 00 00 00 00 00 00 00 0	200646 1 1 20070 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M
MXMASSASSASSASSASSASSASSASSASSASSASSASSASS			100000	0.00	4 4 0 0 0	75000	0.0000	11000 11000 100105 1001	# # # O # # # # # # # # # # # # # # # #
* * * * * * * * * * * * * * * * * * *	######################################	# 1005	40.000 x x 0.0000 x x 0.00000 x x 0.0000000 x 0.00000000	# 148.0 * # 0 * 0 0 * 103.9 *	* 160.0 * 0 * 0 * 0	205.0 3761500 317.0* 166.0	4 0.0000 4 NI 4 0.00000 4 NO 19 40.01 40.01	4 0.000 # 4 0.000 # 4 0.0000 # 4 0.0000 # 4 0.0000 # 4 0.0000 # 4 0.0000	在 CONUNCUL 在 CONUNCUL 在 COUNTSUL E COUNTSUL E C
*****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	200 CHR 4 CH	28.4 * NH 48.5 * UP 1820 * 131	0.00 .04 .00 .04 .00 .04	* * * * * * * * * * * * * * * * * * *	14.8.3. HCR 11053 * HCR 11053 * 13.	3 H5 0 4 H IN 10 10 10 10 10 10 10 10 10 10 10 10 10	0.05	****
* Z * * * * * * * * `	* IO M * M OO * * * * * * U	######################################	# # # # # # # # # # # # # # # # # # #	MYATT CREEK * * * W * * * * * * * * * * * * * * *	# 36 # 36 # 8004H FDRK SP# 91	THE AREA AFTER	# # # # # # # # # # # # # # # # # # #	ITA RIVER 92 CO *	**************************************
**************************************	44444444444444444444444444444444444444	KTNGS FORD FRANKLIN MULBERRY	OZARK LNCK AND DAM FRANKLIN ARKANSAS DAEN SWL	MYATT CREEK FULTON MYATI	MILD HORSE FULTON SOUT	GABIAND GABIAND GABIAND GABIAND	FULTON LOCK + DAM HEMPSTEAD RED R DAEN SWT	LAKE CATHERINE HOT SPRING DUACHITA ARKANSAS PWR + LIGHT CO	* ARCSWLOSOS & GILLHAM RESFRVOIR * 34 14.0 * ARHOO17 * HOWARD COSSATOT RIVE* 94 13.9 * 2 SCP 1 * DAFN SVI
* * * * * * * * * * * * * * * * * * *	**************************************	* AR6SWL0027 * X ARU0155 * F * ARU0155 * F * * * * * * * * * * * * * * * * *	* ARGSWL0029 * U * ARGSWL0029 * U * ARGSWL00264 * F * 5 DRC I * U	A ARGSWIOOSS A A ARUO177 A F	A ARESWIDOUGH A ARES SCP IX A SCP IX A AREST A AREST A SCP IX A AREST	A ARITMACOOOS TO ARDON SOOOS TO ARDON SOOOS	* AR4SWT000% * AR4SWT000% * AR4SWT001% * AR	* ARILEKAOOLU * T AROONGUS * H AROONGUS * H * DRC II * A	* ARCSWLDSOS * G * ARUGO17 * H * 2 SCP I * D

DATE 15 FER 81 HATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.24 PAGE 11 OF TABLE 1

1. COST SERVESSESSESSESSESSESSESSESSESSESSESSESSESS	* * * * * * * * * * * * * * * * * * *		# # # # # # # # # # # # # # # # # # #	21.00.00 20.00.00 20.00.00 20.00.00	2011 2022 *	****	2010	****	***
* 4	1000 1000 1000 1000 1000 1000 1000 100	1	2007	2010	2005 2005		2004		
######################################	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2037 7.053 7.053 7.053 7.053	# # # # # # # # # # # # # # # # # # #	4764.1 ** 58. 41 **	20 37 60 8	* * * * * *	# # # # #	20 cm 20 cm	4. 4. 4. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.
* O * * Z Z Z . * U U U Z Z Z . * U U U C C C C C C C C C C C C C C C C			347059 4 4 347059 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * O OU O	* * * * * * * * * * * * * * * * * * *	0.0 0.0 0.0 0.0 4.4 4 4 4	100 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.00.00 0.00 0.00 0.00 0.00 0.00	* * * * 000 440 000 000 000
* * * * * * * * * * * * * * * * * * *	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	омм	125000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		000	M 50 C C C C C C C C C C C C C C C C C C	1484 1484 1484	10701
* TO I OLO		* * * * * * · · · · · · · · · · · · · ·	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4	00000000000000000000000000000000000000		60 IUM 60 IUM 60 00 00 00 00 00 00 00 00 00 00 00 00 0	* * * * *	160000 1400000 1400000
* & C O O O O O O O O O O O O O O O O O O	* * * * * * * * * * * * * * * * * * *	**************************************	CHR SA ***********************************	CH IS 12300-04	4	# # # # # # # # # # # # # # # # # # #	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	CHR 18 •212•4*	2 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
**************************************		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 35 45 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	35 44.5 ** 91 49.0 ** 10746 **	000 000 000 000 000 000 000 000 000 00	36 14.0 *** 91 46.4 ***	35 55 9 4 4 5 5 5 6 6 5 6 6 6 6 6 6 6 6 6 6 6 6	36 91 41 91 91 91 91 91 91 91 91 91 91 91 91 91	360 300 300 300 300 300 300 300 300 300
* 2	ARASSE 1 1 NORPENDENCE SHITE BIVER 1 1 ORC 1 4 INDEPENDENCE SHITE BIVER 1 ORC 1 4 INDEPENDENCE SHIP BIVER 1 ORC 1 5 INDEPENDENCE SHIP BIVER 1 5	SE POLK BAYOU	E E E E E E E E E E E E E E E E E E E	WOLF BAYOU WE-REGULATION INDEPENDENCE WHITE RIVER	WHITE RIVER	DAR STRAWBERRY RIV	WHITE RIVER	STRAMBERRY RIN	* AR6SWLOO41 * PINFY CREEK * ARHO158 * IYARD * 5 DRC 1 * IYARD
TARKET TO THE TARKET T		POLK BAYOU INDEPENDENCE	MOLE BAYOL Independence		BUSWELL	DIMAND LAKE	GUION	LNVF	PINEY CREEK IYARD
**************************************	# PDDC # #	* AR6SWL0037 * ARU0179: * 5 DRC I *	* AR6.03E(0.036 * * AR6.03E(0.	* ARGONINGS * ARGONINGS * ARUO183 * * ARUO183 * * * * ORC D * *	* AR6SWL0042 * AR0170	* ARCSWLO044 * * ARO0228 * * 5 DRC I *	ARESMLOGGS * ARUSTS * ARUSTS *	ARESMICOCAC A ARICOTAC A ARICOTAC A ARICOTAC A A A A A A A A A A A A A A A A A A	* AR6SWLOO41 * * ARUO158 * * 5 DRC I *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.24 PAGE 12 OF TABLE 1

## 2 10 NO * # 4 ACT	**************************************	* * E	* * * * * * * * * * * * * * * * * * *	######################################	C x x	1004000 1446 166 •		A C C C C C C C C C C C C C C C C C C C	CAC CONOMICO
*****	**************************************	本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本		**************************************	* * * * * *	性化化合物 化 (C)	**************************************	# K 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
ARASWLSOO1 ** AROO168 ** P ORC I **	T + D B B B B B B B B B B B B B B B B B B	A AND CANDARY AND A AND AND AND AND AND AND AND AND A	34 9.6 91 40.6 158937	# # # # # # # # # # # # # # # # # # #	MO 4 4004 6044 000 8	# # # # # # # # # # # # # # # # # # #	100870 100870 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1012 1012 **
ARASELSOOO *** AROO167 ** DRC I **	L+D ## CARNON DARN SEL	A A A C C C C C C C C C C C C C C C C C	34 14.4 91 54.1 158658	2.0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0007	K E K E E E	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	™ 6 ™ 6 ™ 6 ™ 8 ™ 8 ™ 8 ™ 8 ™ 8 ™ 8 ™ 8 ™ 8 ™ 8 ™ 8	1016
ARAGELPO49 & ARACO166	C+D # SON THE C+D AFT SON	A ARKANANA WANANA WANAN	34 24 6 92 6 2 158542	* * * * * * * * * * * * * * * * * * *	24.25.25.25.25.25.25.25.25.25.25.25.25.25.	15186 +	840100 840100 840100	1632	1010 1010 1013
ARCSWT0007 * ARO0536 * ARO	MILLWOOD LAKE LLTTLE RIVER DAEN SWT	LITTLE RIVER	33 41.4 93 37.5 4144	* * * * * * * * * * * * * * * * * * *	2600000 21.4		11 C C C C C C C C C C C C C C C C C C	1089.9	1014 1014 1019
ARGSWLOOGS ** ARGSWLOOGS ** ARUOOOG **	* * * * * * * * * * * * * * * * * * *	BUFFALO	36 7.9 92 26.0 1331	* * * * * * * * * * * * * * * * * * *	69900 49900 49900 49900	131360	1611201616161616161616161616161616161616	12099	° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °
* * AR68WL0079 * * AR68WL00145 * * ARU0145 * * * 5 08C * * * * * * * * * * * * * * * * * * *	YELLVILLE MARYON	CROOKED CREEK	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CHR 158 18840 18 18 18 18 18 18 18 18 18 18 18 18 18	M 1745 M 1000 M 14000 M 14000	17756	**************************************	7077 233.24	***
ARESWLOOSO:	A REAL CONSTRUCTIONS A REAL CONSTRUCTION A REAL CONSTR	CROOKED CREEK	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # CH # # # # # # # # # # # # # # # # #	14 th	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	W64700 W64700 W4 W W4 W W4 W W4 W W4 W W W W W W W W	40 M M M M M M M M M M M M M M M M M M M	***
* ARESWLOOGS * ARUGI47 * S DRC I	* AR6SWLOO63 * LITTLE BUFFALD * ARUG147 * NEWTON * S DRC I *		* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	170.0	0 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	7479.5 503.46	

DATE IS FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.25 PABLE 1

# (NASE PACE TO THE TACK THE TACK TO THE TACK THE TACK TO THE TACK TACK TACK TACK TACK TACK TACK TACK	***				1009		1004 1004 1010		
	* * * * *	***	****	****			****	****	***
A A A A A A A A A A A A A A A A A A A	# # # # # # # # # # # # # # # # # # #	3609. 229.6 44.	2713 B	4162°4 138°38	1718.1	88 44 44 44 44 44 44	1857.8 17.371	2823 126040	9907.9
# - W W W W W W W W W W W W W W W W W W	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*****	18076	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		0	10694 10694 10694 10894 10894		
*446	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		18767	* * * * * * * * * * * * * * * * * * *	000	* # # # # # # # # # # # # # # # # # # #		# # # # O !CI SO
****	* * * * * * * * * * * * * * * * * * *	****	****	****	****	****	****	****	****
A * * * * * * * * * * * * * * * * * * *	K C C C C C C C C C C C C C C C C C C C	120.0 0.09.9	11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.00 0.00 0.00 0.00	841.0 89600 13.1	67.0 220005 61.9	70°0 10850 14°5	120.0 107000 99.9	CHR # 129.0
****	* * * *	****	* * * * *	****	***	* * * * *	* * * * *	* * * * *	****
A * * * * * * * * * * * * * * * * * * *	# 01 # 04 # 8 # 8	2 S S S S S S S S S S S S S S S S S S S	CHP IS #307	0 H D H D H D H D H D H D H D H D H D H	7 0 1 0 0 0 1 7 0 1 8 0 1 8	80 20 10 10 10	7 DP - 41766	. e. H	CHR 19 1150
**	# Mi # Mi # B # # # # # # # # # #	10 10 10	*** * * * * * * * * * * * * * * * * *	4 4 6	41834	# 0 0 4	1766	. 85 8. 55 5.	***
**		# # # # # # # # # # # # # # # # # # #	3 27 4 5 4 10 10 10 10 10 10 10 10 10 10 10 10 10	0 29 0 4 CHD 4 CHD 20 8 2 4 4 6 4 4 4 6	4 40 0 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1001 1001 1001 1001 1001	4 47.5 * N 2 21.4 * OP 158030 * *41766	6 19.7 * C 1 14.5 * 19 82 * 185	***
# # # # # # # # # # # # # # # # # # #			27s4 * CHR 16s9 * IS 275 * 1307	* 35 29 5 5 5 CHD OR 93 1.0 5 15 * 262 8 8446	* 34 40.0 * 2 * 34 40.0 * 2 1582388 * 1418944	# # M # # # # # # # # # # # # # # # # #	* 44 47 55 * 10 10 10 10 10 10 10 10 10 10 10 10 10	19.7 # C 14.5 # 19 #85	* * * * * * * * * * * * * * * * * * *
A CAREA A A COMMENT A COMM	SARARARARARARARARARARARARARARARARARARAR	# # # # # # # # # # # # # # # # # # #	3 27 4 5 4 10 10 10 10 10 10 10 10 10 10 10 10 10	* * 35	X X 4 40.0 5 Z X X X X X X X X X X X X X X X X X X	2AM * 34 51.3 * 8 51.	NSAS DIVER 92 21.4 + TP	6 19.7 * C 1 14.5 * 19 82 * 185	# # 50 10 10 10 10 10 10 10 10 10 10 10 10 10
ARRECT TO THE TANK TH		# WO WO # CIR # WO # CIR # WO # CIR # WO # CIR #	# # # # # # # # # # # # # # # # # # #	* 35 29.5 * CHD * 35 1.0 * 15 * 262 * *446	AA	# 34 51.3 # 66 #AUMELLE # 92 29.2 # DF # 137 # #201	* 34 47.5 * N RIVE* 92 21.4 * DP * 158030 * =41766	CREEK * 91 14*5 * 13	# 36 16 4 FOR # # 36 16 4 FOR # # 11 10 7 FOR # # 11 10 10 7 FOR # # 11 10 10 7 FOR # # 11 10 10 7 FOR # 11 10 7 FOR # 1

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.25 PAGE 14 OF TABLE 1

**************************************		•	1011	1040	1041				***
THE COLUMN TO THE COLUMN THE COLU		· c	1003	1043	1039				化安全 化电子 医电子电子
		0	1000	1046	****	****	****		****
	# 1 . # . U	5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5	07. 86		60 8 60 8 60 8 60 8 60 8 60 8 60 8 60 8	4 P	0 6 0 10 0 10 0 10	3630.4 127.69	6179 au 105 M a 64 4 a 4 a 4 a 4 a 4 a 4 a 4 a 4 a 4 a 4
* * * * * * * * * * * * * * * * * * *	# (U 00 # (F) -0 # (I) -37 # #	11. 13. 00. 10. 00.	4 6	400	5 4	Z.M	75		# # # # # # # # # # # # # # # # # # #
******* ********	# MM # 66 # 044 # * * * *	00 00 00 00 00 00 00		* * * * *	3719 x	0 in in	0.00 W.W. O.80 N.W.	8.431 8.431	4 4 4 0 0 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4
* "Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	# 101 M	1178	22	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		N N	in in	NN	# IA BU
		4 * * * *	44 000 000 000 4444	0 M M	1178	0 0 0	9701	0.00 0.00 0.00 0.00 0.00 0.00 0.00	
# W W W W W W W W W W W W W W W W W W W		# # # # # # # # # # # # # # # # # # #	22				ue es		or or 4 4 4 4 4 4
****	* * * * * * * *	****	****	* * * * *	****	****		000	000
* E O *FOF	10.0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	341. 150.	160. 37060 68.	22160	10 00 00 00 00 00 00 00 00 00 00 00 00 0	165	0 4	170,
* * * * * * * *	* * * * *	****	* * * * *	***	****	****	* * * * *	* * * * *	****
* 0 G	* •	. 5	19 1	. <u> </u>	M	₹	20	•	94
STATE AVE.		*1114.		0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		25 25 25 25 25 25 25 25 25 25 25 25 25 2	CHR 19 1130		の。0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
### # # # # ### # # # # # ### ### ### ######	# O N T F # # # # # # # # # # # # # # # # # #	****	M	* * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	2	****
### # # # # ### # # # # # ### ### ### ######	# O N T F # # # # # # # # # # # # # # # # # #	0.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	20°9 * N 114.4 * OP 50547 * E32198	3.5 # CSRO P4.9 # OP 16.9 # #28P	00000000000000000000000000000000000000	80 00 00 00 00 00 00 00 00 00 00 00 00 0	1987 * CHR 3083 * 19 869 * 1130	14.5 # CHR 17.2 # 18 1000 # #1026	****
**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	** 35 20.9 * N (* 94 17.4 * OP * 150547 * = 32193	4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * *	9.7 * CHR 0.0 * 10 869 * 1130	* 36 14.5 * CHR * 91 17.6 * 19 1000 * 1026	****
**************************************	STATES A COUNT	A	# 35 20.9 # N HIVE# 94 17.4 # 10. # 150547 # #32193	FORK # 34 B.S. # CSRO FORK # 94 P4.9 # OP 169 # # 800	# W4 B B C B C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	1 30.3 * CHR 1 30.3 * 19 869 * 1130	# 36 14.5 # CHR # 1026 # 1000 # 1026	****
**************************************	STATES A COUNT	A	# 35 20.9 # N HIVE# 94 17.4 # 10. # 150547 # #32193	* 34 3.5 * CSRD * 34 3.5 * CSRD 	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	* 36 19.7 * CHR * 91 MO.3 * 19 * 869 * 1130	# 36 14.5 # CHR # 1026 # 1000 # 1026	****
**************************************	STATES A COUNT	* * * * * * * * * * * * * * * * * * *	# 35 20.9 # N IVE# 94 17.4 # :0P # 150547 # #32193	* 34 3.5 * CSRD * 34 3.5 * CSRD 	ALINE RIVER + 94 50.9 + CSRO + 114 + 193	66 25 25 25 25 25 25 25 25 25 25 25 25 25	1 30.3 * CHR 1 30.3 * 19 869 * 1130	VER # 91 17 8 # 1000 # 11026	****
**************************************	SERVER REPRESENTATION OF THE PROPERTY OF THE P	# 35 59.0 # BUFFALO RIVER* 92 46.55 # #1114	A MUS 20 0 9 4 N A 20 0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	RESERVOIR * * M4 N.S * CSRO * DE * M4 N.S * CSRO * DE * CSRO * DE * * CSRO * * * CSR	SALINE RIVER + 94 B.O + CSRO SALINE RIVER + 94 U.9 + OP + 114 + 193	# # # # # # # # # # # # # # # # # # #	* 36 19.7 * CHR * 91 MO.3 * 19 * 869 * 1130	# 36 14 5 # CHR SPRING RIVER # 91 17 2 # 1026	****
**************************************	* * * * * * * * * * * * * * * * * * *	A	A MUS 20 0 9 4 N A 20 0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	* 34 3.5 * CSRD * 34 3.5 * CSRD 	ALINE RIVER + 94 50.9 + CSRO + 114 + 193	# # # # # # # # # # # # # # # # # # #	* 36 19.7 * CHR * 91 MO.3 * 19 * 869 * 1130	# 36 14.5 # CHR # 1026 # 1000 # 1026	****
	THE TARGET A CARACTER A STATE OF THE STATE O	# GTLAEQT # 35 59.0 # # GTLAEQT # BUFFALO RIVER# 92 46.5 # # 825 # # 1114	A MIS ARANGAS HIVE 94 17.4 4 TO SEPASTIAN ARANGAS HIVE 94 17.4 4 TO SEPASTIAN ARANGAS HIVE 4 1500547 A 130195	* A 3.5 F CSRD * 34 3.5 F CSRD * SEVTER ROLLING FORK * 94 D4.9 * OP * DAEN SET * # 202	* * * * * * * * * * * * * * * * * * *	* BELL FOLEY * 36 30.9 * CR * SHARP STRANBERRY * 91 22.9 * SI	# HARDY & W6 19.7 # CHR # GHARDY # 11.00.0 # 91 MO.84 # 19.00.0 # 11.00.0 #	* RAVENDEN * 46 14.55 * CHR * SHARP SPRING RIVER * 91 17.2 * 19 * 1000 * 11026	* 0.01 08 * * 0.01 08 * * 0.00 10 * * 0.00 10 * * 0.00 * * 0.00 *
A COD X A COD	SERVER REPRESENTATION OF THE PROPERTY OF THE P	* * * * * * * * * * * * * * * * * * *	THD HIS ARKANGAS HIVER 94 17.44 & UP DAEN ONE & 150547 & 130193	RESERVOIR * * M4 N.S * CSRO * DE * M4 N.S * CSRO * DE * CSRO * DE * * CSRO * * * CSR	* * * * * * * * * * * * * * * * * * *	A BELL FOLEY A BERRY A 91 22.09 A CR A SHARP A STRAMBERRY A 91 22.09 A SH A SHARP A SIG A SIG	# W6 19.7 # CHR # W6 19.7 # CHR # 91 MO.W # 19 # 869 # 11MO	# 36 14 5 # CHR SPRING RIVER # 91 17 2 # 1026	A SOUTH FORK SOUTH FORK SP 4 10.91 A 4 10.91 A 4 4 10.91 A 4 4 10.91 A 4 10.

DATE 15 FEB 91 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18,25 PAGE 15 OF TABLE 1

**************************************	**************************************	A A A A A A A A A A A A A A A A A A A	********* * LATITUDE *LONGITUDE	SANGER SANGE	**************************************	# # # # # # # # # # # # # # # # # # #	本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	**************************************	**************************************
* CODE CODE * STATUS *			* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	(FT) * (F	.	# ((1000 B)	A CONTROLA C
A STANDARD SANDARD SAN	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	A MARKANANANANANANANANANANANANANANANANANANA	**************************************	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	************
ARGUNLOOG4	A A B B B B B B B B B B B B B B B B B B	ARCHEY FORK L	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	10 00 00 00 00 00 00 00 00 00 00 00 00 0	29 50 50 50 50 50 50 50 50 50 50 50 50 50	* * * * * * O Q Q Q Q Q Q Q Q Q Q Q Q Q	2999 331 311 311	
* AR6SWL0093 * ARU0152 * ARU0152 * S	A VAN BUREN	DEVILS FORK L	M W W W W W W W W W W W W W W W W W W W	* * * * * * * * * * * * * * * * * * *	4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	18600 18600	***** O 37 37 RU R	8 80 9 80 9 80 9 80 9 80 9 80 9 80 9 80	
* AR6SWLO092 * A ARUO151 * * 5 DRC . D *	SHIRLEY VAN BUREN	MIDDLE FORK L	000000 00000 00000 00000 00000 00000 0000	* * * * * * * * * * * * * * * * * * *	10 10 10 10 10 10 10 10 10 10 10 10 10 1	19995 19995	* * * * * O M M M O O O M M . * * *	רי פאר פאר פאר	
ARGSWL0099 ** ARU0006 ** SCP I **	4 GUDSONIA * WHITE	LITTLE RED	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	11.00 0.0000 7.50 4.40 4.44 4.44 4.44	22601 22601	* * * * * * * * * * * * * * * * * * *	8813 3 132 44	
ARCSWL0100 x AR00157 x 2 DRC I x	* BLUE MOUNTAIN * YEL! * DAEN SWL	PETIT JEAN		* * * * * * * * * * * * * * * * * * *	11 10 10 10 10 10 10 10 10 10 10 10 10 1	0 9969 9969	**************************************	396. 9 31.755	1032
ARGSWL0102 x AR00162 x A DRC I x	DARDANELLE LOCK AND DAM YELL DAEN SWL	K AND DAM ARKANSAS RIVE	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A A A A A A A A A A A A A A A A A A A	* * * * *	124000 201400 325400	# # # # # # # # # # # # # # # # # # #	11717	° °
A ARCOMICOTOT & ARCOMICOTOT & ARCOMING & ARC	* ARCSWIDIOI * NIMROD FOLIRCHE LA ARCONISS * YELL FOLIRCHE LA PER	FIGURCHE LA FIA	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	836000 W	0 m m 60 m 00 m	1124 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	333 310 310 310 310	1030

3 X A L L VINE DE L'EN DE ADDITIONAL > 09 02 11 21 11 Z V ir O л 5 CAPACITY 8 7 A 7 TAHF NEFOG E E HYDROELECTRIC z H T W O I S A H d

***	* * * * *	# C Z C # C Z C Z C Z C Z C Z C Z C Z C		M M G G	M M M	PM N	9 9 0 0 0 0 0	Ŕ
· 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在	** ** **	# # # # # # # # # # # # # # # # # # #	0	0	* # * * *	* * * * * * * * * * * * * * * * * * *	2	18 2 AND 14411 AND 14111 AND 18 18 18 18 18 18 18 18 18 18 18 18 18 1
· 我也有什么	* * * X	# # # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	00 00 00 00 00 00 00 00 00 00 00 00 00	104 94 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	178 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COCCOCK *
**************************************		* * * FO * * * * * * * * * * * * * * * *		6 6 W		10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	168 14 976	00 00 44 44 44 44 44 44 44 44 44 44 44 4
**	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 010 0 010 0 010 0 010	# # # # # # # # # # # # # # # # # #	* * * * * * * * * * O • O	2 M 0 M 2 M 2 M 2 M 4 M M M 4 M	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COLOR TENT TO THE TENT THE TEN
* * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	0 0	0 0	****** * OUD * * ON * MOU * OUD	* * * * * * * * * * * * * * * * * * *	X 80 F
本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	*	* * * C V U X W X W X W X W X W X W X W X W X W X		**** **** **** **** **** *** *** ***	* * * * * • ° °		K 244 C 201 C 201 C 201 C 201	X X X X X X X X X X X X X X X X X X X
CAPACITY	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		0				A T T T T T T T T T T T T T T T T T T T
本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	* * * * * * * * * * * * * * * * * * * *	4 H U M H H H H H H H H H H H H H H H H H		* 0.0 * 0.0 * 4.4 * 4 * 3.4 * 4		F 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	*
at .	* * * * * * * * * * * * * * * * * * * *	D C C C C C C C C C C C C C C C C C C C			0	* * * * * * *		
TOTENTAL AND THE STREET	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		K 64 K K K K K K K K K K K K K K K K K K		K 604 K 604 K 47 F 6		
**	**	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	000 000 000 000 000 000 000 000 000 00	7 1 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M
· 张 · · · · · · · · · · · · · · · · · ·	*	* F Z C :	* * * * * * * * * * * * * * * * * * *	K M 7		k i		→
经未收收款 化水水洗涤 医乳腺性 医克拉特氏 医克拉特氏 医克拉特氏 医克拉特氏征 医克拉特氏征 医克拉特氏征 医克拉特氏征 医克拉特氏征 医克拉特氏征 医多克特氏征 医多克特氏病 医原性原理 医神经原理 医神经原生 医生性原生 医生性原生性原生性原生性原生性原生性原生性原生性原生性原生性原生性原生性原生性原生	* 3 * 2 * 4 * 0 *	****	* * * * * * *		k E			INSTALLED CAPACITY INCREMENTAL CAPACITY POTENTIAL CAPACITY **
4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	K Mid K Mid K Mid K Mid		* 10 01 * 10 01 * 10 01 * 10 01 * 10 01	*	* F C C C C C C C C C C C C C C C C C C
*	* * *	**************************************		* * * * * * * * * * * * * * * * * * *	K # # # # # # # # # # # # # # # # # # #	K + + + + + + + + + + + + + + + + + + +		
* + = = = ×	2	**** 53I H2	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* E E > >	COLUMN 1 D INSTALLED CAPACITY COLUMN 3 D INCREMENTAL CAPACITY COLUMN 3 D POTENTIAL CAPACITY ************************************
* * * *	H Z	± 1± 1−	* O	K 00 K 00 K 7	K 6-	0014	TOTAL.	
***	* * * *	***	* * * * * * *	* * * * * * .	****	* * * * * *	* * * * * * *	* * * * * * * * *

ADDITIONAL р. О POTENTIAL PHYSICAL

OEVELOPMENT × ω w o z ⋖ ACITY Q. c HYDROELECTRI

A THE STATE OF GALHTONIA

在 在 在 在 在 在	* * * * * *	# # # # # # # # # # # # # # # # # # #	E 400 +1 12 400 +1 1	K M + +		: αυσ-101 f	z ⊷nini i	3 3
*****	, ,	UND UND UND UND UND UND UND UND UND UND				40 000 000	. MO 1	
在安安安全	707	E E E E E E E E E E E E E E E E E E E	18 1 111 1	. M → 1		* * * * * * * * * * * * * * * * * * *	E SOLIO	COLUCATE
**		K + + + + + + + + + + + + + + + + + + +	000	00	k 25 m 4	# # # # # # # # # # # # # # # # # # #	510	K 00 K N K N K N K N K N K N K N K N K N
***	***	K + + + + + + + + + + + + + + + + + + +			000	*****	* ******	AT ALL SITES (FOR GIVEN HEAD R
**************************************		200 200 200 200 200 200 200 200 200 200	000	*****		0600 1	M 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 % F
TTY RANGES	ATER T	X	000	000	000	# # # # # # # # # # # # # # # # # # #	K TMP 1	PD PP P
CAPACITY	Oz 1	* * * 0 + 1	000		* # # # # 000 00	x	e nucount t	
INCREMENTAL	4	K	000		r inor i		2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
*	35 25 60	X D D D A X D D D A X D D D A X D D D A X D D A X D D A X D D D D	* * * * * *		. 000	K		
POTENTIAL	23 · 25 · 25 · 25 · 25 · 25 · 25 · 25 ·	* + + + + + + + + + + + + + + + + + + +	* * *		2 • • •	** ** ** ** ** ** ** ** ** ** ** ** **		NG DAMS L
***		X X X X X X X X X X X X X X X X X X X				* ** * * * *	* ** * * * * * * * * * * * * * * * * *	AY EXIOTING A TING
***************************************	* * *	* + 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		*	* CC .	* ~ C ·	*	
* * * *	in E	* * * * * * * * * * * * * * * * * * *		* GO - * GO - *	* * * * * * * * * * * * * * * * * * *	* M T D * O O O	* * * * * * * * * * * * * * * * * * *	**************************************
* * * * * * * * * * * * * * * * * * * *	# ₩E 50		K	* * * * * * *	* * * * * * * * * * * * * * * * * * *	* ~~ ~	*	**************************************
******		* * * L	≱ t	* * * * * * * * * * * * * * * * * * *	# # # # # # #	* * * * * * * OMO * HD	* * * * * * * * * * * * * * * * * * *	* = 10.14. * H H H *
* * * * P 23 - 	20 (20 (4 * *	93I HZ	* X >> * W >> * & X >>	* * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * *	** NED 100 NED
* * * *			*	* 0 · · · · · · · · · · · · · · · · · ·	# 5 # 5 # 1 # 2	* 6	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,04

	PRIMARY CO. ENAME OF	Σ	OR AREA *	STATUS AVE. O	A POLON A PORT A A PORT	•	*INC.ENERGY*ENERGY COG4*	ENERGY COM	A ERC COMPOSITE
FILE *	3	**	E E E E E E E E E E E E E E E E E E E		* (FT) *	££.	# # # # # # # # # # # # # # # # # # #	(1000 S)	A (NEGURACION AANA) A A (NEGURACION DANK) A A A A A A A A A A A A A A A A A A A
* 000-4-0	*	*	4 (IV.GO)	「のはコ) ・******	****	*	*	- K	でくこのと、ほうこはごうほうご ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・
CACSPNOODS *	CALAVERAS RES		M7 29.44 #	ر د د	•	0 4	* *	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* •
A00126 *	ALAKROA CALACRAAGO GALACRAAGO GAL	* 1	101 44.0	1.00		•	: # 1 M1 1 m1	e d	r 4 r
	0	* *	2) di	*	•	*		
. **						•	***		*
CACSPNOODS *		A CONTORA	100 120 H	g go ≽	* 0 2000	O M	* *	0	* *
* 55100	ALAMBOA CHIKHY M M		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	-21.6		(F)	# 9 F		
•		*	•				* 1		**
	1	*	41.		* 0.05.0	c		7221.1	
* *************************************	TOTE VALLEY REGERVELY	* 670 Yeu			0000	Š	110	116.18	*
		; ;	38	-101-9	* 1098.9 *	49223	* 61100 *		*
		*	•		*		*		
*		*	; !		¥	•	** *		* +
T	SILVED KING RES	:	38 34 1		60		q	10 C	* 1
Į		* N N N N N N N N N N N N N N N N N N N	 	7.36.7	# 0000 W	90	x 160	3	
* 1 2240	* 1	2 4	;	3	·		ŀ		
. •		t -	•		*		*		
* KOOOX		*	38 33		0.0	0	*	4020.1	*
CAUORAG	ALPINE NOBIL	FORK MO.	120 1.0 1	- (*	13197	# 25.1.25 #		ir i
. S . DRG		*		142.7	* 10.50	10101	n+ / b		
-		*	•				: #		: 4
		* 1	48 26 4	ø. ► X	10 th 10 th	0	. *	8 7	: #x
-	Mar Z	*4 18 1 24 1	202	٠.	* 0045	0	* **	31215	*
	DACTFIC GAS + ELECT	*	200	0.08	7		*		*
		*	-		*		* 1		* (
			a a		* 1		* *	777	k 4
Δ	OF PARCETTA CACADOCOCA A	*IASUNAVCI	* C C C C C C C C C C C C C C C C C C C			n	•	47.858	: #
	ALPINE WES	¥.	111	400		1 C C C C	* 28140 *	}	: #
מאכו מי	te i		0	•		;	•		
. •		× •		. •	*		*		*
PKOON	STATE OF THE STATE			I	~	•		35,714	*
00379	BEAR	IVER *	20 12	40 ×	* 7098	•	*	771	
080	PACTFIC GAS + ELECT C	*	₽.	* 55°(en.	•	*		*
	*	•		•	*		* 1		4 1
		*	•	4	*	٠.	. 1	-	F 4
CACSPKOD25	* ELECTRA DIVERSION	1	φ. •	H (. •		. •
	¥ ;	MOKELUMNA	202						K 4
									•

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.04 PAGE 54 OF TABLE 1

PERC ECONOMIC BEC CONDUSTRA- CHECLORPOSITRA- (SEQUENCE RANK) A (SEQUENCE RANK) A (SEQUENCE RANK) A	* * * * * * * * * * * * * * * * * * *	60	****	****	C (1)	****	* * * * * * *	***	***
*ANUL" COST *ERC ECONOMIC *RECONOMI * ERC CONFOST * CONFOST * (1000 8) * (0050ERCE RANK) * (1000 8) * (0050ERCE RANK) * (00781) * (0050ERCE RANK) * (00781) * (0050ERCE RANK)	** ** ** ** ** ** ** ** ** ** ** ** **	****	****	****	****	****	****	****	
ZET COGT COGT (8/25/4)	** ** ** ** ** ** ** ** ** ** ** ** **	110 47 47 47 68 88 88 88 88 88 88 88 88 88 88 88 88	7772.7	0 40 10 40 10 40 10 40	64 w	い ト の 4 か 4 * 0 * 0	0.00	6995.1 27.571	16981.0
***********************			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M	7000 000 000 000 000 000 000	01240 4 4 0000 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2557 11 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * M M M M M M M M
**************************************		80 EV C V V C V V V		## 0 mm on the man of the man on the man of	11 MI	MW WW W	13600 61060 446660 746660	4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	# * # # O C O M M M
*****	# # # # # # # # # # # # # # # # # # #	10000 10000 10000 10000 10000	11 46 50 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	345 310000 310000 323 344 444 444	2	M W W W W W W W W W W W W W W W W W W W	##### 000 000 000 000	10000 10000 10000 10000
OX DY A TOUR OX OX OX OX OX OX OX OX OX	**************************************	* * * O * O M	* * * * * * * * * * * * * * * * * * * *	I MO I MO GO GO GO GO GO GO GO GO GO GO GO GO GO	# # # # # # # # # # # # # # # # # # #	* * * * * *	TC 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * Mi ** ** ** ** ** **	0,0 0,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0
DATTUDE DASTTUDE DASTTUDE DASTA DAST	M	200 100 100 100 100 100 100 100 100 100	38 16.9 *	38 WC	28 120 120 120 120 120 120 120 120 120 120	36 30.0 120 9.0 *	38 25.0 120 38.0 86.0 38.8 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	39 38.0 * 121 16.0 *	39 46.5 * 121 45.4 *
*****	AMADOW AMARAN SANASAN	JACKSON CR * * STORES OTST	PESERVOTA * A * NOKELUMNE RIV. * A * A * A * A * A * A * A * A * A *	RESERVOIR COSUMNES RIVER	ROUTH WOKELUMNE RIV*	CITY RESERVOIR * * NORTH FORK MO*	POINT POWERHOUSE * N. N.FORK MOKELU* TO GAS + ELECT CO *	and Aron Araban	BUTTE CREEK * * *
MAN TONDONE CONTRACTOR TO TRACTOR TONDONE CONTRACTOR TONDONE CONTRACTOR TONDONE CONTRACTO	AMADOS TILL S	JACKSON CP AMADOR JACKSON VAL	MTDDLE BAR P Amandr	NASHVILLE RE Amandr	PARDEE RESERVOIR AMADOR EAST BAY M U DIS	SUMMIT CITY AMADOR	MEST POINT P AMADOR PACTFIC GAS	BALD RDCK ND. BUTTE	CASTLE POCK BUTTE
PM 2 10 NO ** ACT 10 NO ** CODE ** STACK S	* CA60PK20**** CA10*** CA10*** CA10*** * U DRC II * * * * * * * * * * * * * * * * * *	CACSPK0028 CA00867 R DRC **	CA6SPK2016 * CAU0205 * CAU	CATSPKNO17 * CAUCA15 * CAU	CAISPKA019 ** CA00164 ** OFC **	######################################	* * * * * * * * * * * * * * * * * * *	CATSPKSOSSO & CAHOOLS E E E E E E E E E E E E E E E E E E E	CA68PK0032 * CAU0077 * 5

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,04

2 HF	# ·			****					
MANAGEMENT AND	# # # # # # # # #	•	9						
KIND NO.	e k k		P						*
* C Z C Z W C Z W C Z C W C Z	在 在 在								
* K GEN *POFICE *C KRICE	在 全 全								
* C B B B B C C C	t t t								
* * * * * * * * * * * * * * * * * * *	* * * * * *	****	****	****	****	****	****	****	
*00 61	* C C	6.0	37,44	3133.7 33564	S. 53	80. 24.60	00	40	9044.6
* > OI * • O O \	# # #	17.	737	35.3	000	25 4 12 4 13 4		52.1	9044
	*								•
******	* * * * * * *		*****	****	044	****	NON	***	2000
* Z & &	* *	20100 79260 99360	() () () () () () () () () () () () () (00	0 0 4 4 0 0	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 7 5 7 5 7	38048 38732 76780	442836 95048 537885
		2 - 6	OF OF					W W ~	14420836 15370836 15370836
* X Z D	* *	****		****	****	****	****		
k o o	000	000	4767	0 4 4	306 306	1773	808	9 9 9 9 9 9 9 9 9 9	644400 493911 1138311
* C C C C C C C C C C C C C C C C C C C	* *	18450 24850 43300	44		in su	17	52200 0 52200	9900 46086 55986	644400 493911 1138311
* - XXX	* * *								6 4 1 1
XZO I	k k								•
******	* * * * * *	****	000	00-	000	000	000	000	004
TEE CE C	000000 0000000000000000000000000000000	20 m	W	27 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 M N	14 66 60 60 60 60 60 60 60 60 60 60 60 60	117.0	86 - 48 C 46 - C	6 14 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
EDNO OF CHE	* 0 -	in.		UL ED VI		44	- 4	•	742.0 3814000 693.4
*	* * * * *	****	****	****	****	* * * * *	* * * * *	** * * *	***
			•	€0		UT:	0	•	0.1
* CL C	* *		77.0	19.8	45.7	99	ຄ ຊ	. S. Ci	υ
# # # # # # # # # # # # # # # # # # #	* 1 * 4 * 0	• 309	5977.	60 60 11 1	-145.7	166	စာ <i>(</i> ဂ	1 s 223.	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* C. O.	* * * * * * * * * * * * * * * * * * *	309		6	2	99	ะกั	တ က က	A
**************************************	* * * * * * * * * * * * * * * * * * *	######################################	****	# # # # # #	****	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	M CU	* * * * * *
######################################	* * * * * * * * * * * * * * * * * * *	20 4 4 1 100 4 4 100 4 1	1.3 * R 32.7 * OP 624 * 5977.	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	166	4.8	O T T T C T T T C T T T T T T T T T T T	* * * * * *
######################################	**************************************	9.52,3 # H 21.36,4 # DP 108 # 8409	31.3 * R 1 32.7 * OP 3624 * 5977.	9 54 0 4 11 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	00 00 00 00 00 00 00 00 00 00 00 00 00	21 29 9 9 1 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	9 44.5 * T T G 21 8.1 * OF 31. * CS*	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * *
A TARACTOR	* * * * * * * * * * * * * * * * * * *	* WO. W.	* 39 31.3	10 th	1 WW 9 H 6 6 9 H 6 6 9 H 6 6 9 H 6 6 9 H 6 6 9 H 6 6 9 H 6 6 9 H 6 6 9 H 6 6 9 H 6 6 9 H 6	1 29 4 8R 1 29 4 1 18 69 4 18	14 25 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	MODERA TERMINATE TO THE TERMINATE THE TERMIN	* * * * * *
A TAMES A SANGER A SA	**************************************	9.52,3 # H 21.36,4 # DP 108 # 8409	* 39 31.3 * 8 VER* 121 32.7 * OP * 3624 * 5977.	* # W9 S4.0 * 1 * 121 WW.0 * 1	* * * * * * * * * * * * * * * * * * *	X 40 55.9 * SR * 69.0 * 18.0 * 16.0 *	* W9 W42 S * T Y S * T	1	VER 139 320 1 * * * * * * * * * * * * * * * * * *
* 4	**************************************	CONTRA 100 A A II CONTRA 100 A II CONTRA	# 39 31.3 # R RIVER# 121 32.7 # OP # 3624 # 5977.	* # W9 S4.0 * 1 * 121 WW.0 * 1	* * * * * * * * * * * * * * * * * * *	X 40 55.9 * SR * 69.0 * 18.0 * 16.0 *	* W9 W42 S * T Y S * T	# 39 30 8 # H 1 8 0NCUT * 121 27 8 # 0P 223*	VER 139 320 1 * * * * * * * * * * * * * * * * * *
* 4	**************************************	CONTRA 100 A A II CONTRA 100 A II CONTRA	# 39 31.3 # R RIVER# 121 32.7 # OP # 3624 # 5977.	CARRE * 1101 MW.O * 1	CREEK * 121 33.00 * 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	CREEK * 121 29 4 SR * 121 29 9 4 IS * * 120 69 4 IS	1	OIR * 39 30 3 * H 1 8 N HONCUT * 121 27 3 * OP I D * * 87 * 223	VER 139 320 1 * * * * * * * * * * * * * * * * * *
* 4	**************************************	# 39 52,3 # H RI BUTTE CRE# 121 36,4 # CP ECT CU # 106 # 8309	# 39 31.3 # R RIVER# 121 32.7 # OP # 3624 # 5977.	CARRE * 1101 MW.O * 1	CREEK * 121 33.00 * 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	CREEK * 121 29 4 SR * 121 29 9 4 IS * 1 121 29 9 4 IS	1	OIR * 39 30 3 * H 1 8 N HONCUT * 121 27 3 * OP I D * * 87 * 223	VER 139 320 1 * * * * * * * * * * * * * * * * * *
* 4	**************************************	# 39 52,3 # H RI BUTTE CRE# 121 36,4 # CP ECT CU # 106 # 8309	PATCHERY \$ 39 31.3 \$ B FEATHER RIVER 121 32.7 \$ OP R PES \$ 3624 \$ 5977.	CREEK * 39 54.0 * 1 BUTTE CREEK * 121 33.0 * * *19	# 40 2.9 # I BUTTE CREEK * 121 33.0 # -145	X 40 55.9 * SR * 69.0 * 18.0 * 16.0 *	1	OIR * 39 30 3 * H 1 8 N HONCUT * 121 27 3 * OP I D * * 87 * 223	VER 139 320 1 * * * * * * * * * * * * * * * * * *
* 4	**************************************	EBAY	PATCHERY \$ 39 31.3 \$ B FEATHER RIVER 121 32.7 \$ OP R PES \$ 3624 \$ 5977.	CREEK * 39 54.0 * 1 BUTTE CREEK * 121 33.0 * * *19	# 40 2.9 # I BUTTE CREEK * 121 33.0 # -145	# 40 5.9 # 8R BUTTE CREEK # 121 29.9 # IS # 69 # =166	1	OIR * 39 30 3 * H 1 8 N HONCUT * 121 27 3 * OP I D * * 87 * 223	VER 139 320 1 * * * * * * * * * * * * * * * * * *
* 4	**************************************	# 39 52,3 # H # 39 52,3 # H TRI BUTTE CRE# 121 36,4 # DP AS + ELECT CO # 108 # =309	RIVER HATCHERY * 39 31.3 * R FEATHER RIVER* 121 32.7 * OP WATER RES * 3624 * 5977.	8UTTE CREEK * 39 S4.0 * 1 BUTTE CREEK * 121 33.0 * * *19	311_CH	# 40 5.9 # 8R BUTTE CREEK # 121 29.9 # IS # 69 # =166	1	RANCH RESERVOIR * 39 30.3 * H I S TRI N HONCUT * 121 27.3 * OP E WYANDOTTE I D * 223.	VER 139 320 1 * * * * * * * * * * * * * * * * * *
* 4	**************************************	# 39 52,3 # H # 39 52,3 # H TRI BUTTE CRE# 121 36,4 # DP AS + ELECT CO # 108 # =309	TR RIVER PATCHERY * M9 31.3 * R FEATHER RIVER* 121 32.7 * OP FEATHER RIVER* 121 36.2 * S977.	OF BUTTE CREEK * 39 S4.0 * 1 BUTTE CREEK * 121 33.0 * * *19	311_CH	# 40 5.9 # 8R BUTTE CREEK # 121 29.9 # IS # 69 # =166	CREEK 1037 CREEK + 121 8-1 + OP LLE WYANDGTTE I D + 31 + 25.	RANCH RESERVOIR * 39 30.3 * H I S TRI N HONCUT * 121 27.3 * OP E WYANDOTTE I D * 223.	VER 139 320 1 * * * * * * * * * * * * * * * * * *
* 4	**************************************	# 39 52,3 # H # 39 52,3 # H TRI BUTTE CRE# 121 36,4 # DP AS + ELECT CO # 108 # =309	TR RIVER PATCHERY * M9 31.3 * R FEATHER RIVER* 121 32.7 * OP FEATHER RIVER* 121 36.2 * S977.	OF BUTTE CREEK * 39 S4.0 * 1 BUTTE CREEK * 121 33.0 * * *19	311_CH	# 40 5.9 # 8R BUTTE CREEK # 121 29.9 # IS # 69 # =166	CREEK 1037 CREEK + 121 8-1 + OP LLE WYANDGTTE I D + 31 + 25.	RANCH RESERVOIR * 39 30.3 * H I S TRI N HONCUT * 121 27.3 * OP E WYANDOTTE I D * 223.	VER 139 320 1 * * * * * * * * * * * * * * * * * *
* 4	**************************************	* 0E SABLA FOREBAY	PATCHERY \$ 39 31.3 \$ B FEATHER RIVER 121 32.7 \$ OP R PES \$ 3624 \$ 5977.	8UTTE CREEK * 39 S4.0 * 1 BUTTE CREEK * 121 33.0 * * *19	# 40 2.9 # I BUTTE CREEK * 121 33.0 # -145	CREEK * 121 29 4 SR * 121 29 9 4 IS * 1 121 29 9 4 IS	A MO MASH A TY MO MASH A TY MO TANDUTTE TO A MILE A DIR A DIR A MILE A DIR A DIR A MILE A DIR A	OIR * 39 30 3 * H 1 8 N HONCUT * 121 27 3 * OP I D * * 87 * 223	VER 139 320 1 * * * * * * * * * * * * * * * * * *
A MAKA KA	本本と世帯の大学を大学を大学を大学を大学を大学を大学を大学を大学を大学を大学を大学を大学を大	* 0E SABLA FOREBAY	* PEATHER RIVER PATCHERY * 39 31.3 * B * BUTTE FEATHER RIVER* 121 32.7 * OP * CAL DEPT WATER RES * 3624 * 5977.	* FORKS OF BUTTE CREEK * 39 54.0 * 1 * 801TE CREEK * 121 33.0 * * * * * * * * * * * * * * * * * * *	* GRI72LY GILCH * 40 2.9 * I * BITTE BUTTE CREEK * 121 33.0 * -145	A JONESVILLE BUTTE CREEK A 121 29 4 SR A BUTTE BUTTE CREEK A 121 29 4 IS A 69 4 166	* 39 34.5 * F Y S * BUTTE	# MINERS RANCH RESERVOIR # 39 30 3 4 H I S # BUTTE TRI N HONCUT # 121 27 3 # OP # ORNVILLE WYANDOTTE I D # 223.	VER 139 320 1 * * * * * * * * * * * * * * * * * *
A MAKA KA	本本と世帯の大学を大学を大学を大学を大学を大学を大学を大学を大学を大学を大学を大学を大学を大	* 0E SABLA FOREBAY	* PEATHER RIVER PATCHERY * 39 31.3 * B * BUTTE FEATHER RIVER* 121 32.7 * OP * CAL DEPT WATER RES * 3624 * 5977.	* FORKS OF BUTTE CREEK * 39 54.0 * 1 * 801TE CREEK * 121 33.0 * * * * * * * * * * * * * * * * * * *	* GRI72LY GILCH * 440 2.9 * I * BITTE BUTTE CREEK * 121 33.0 * -145	A JONESVILLE BUTTE CREEK A 121 29 4 SR A BUTTE BUTTE CREEK A 121 29 4 IS A 69 4 166	* 39 34.5 * F Y S * BUTTE	# MINERS RANCH RESERVOIR # 39 30 3 4 H I S # BUTTE TRI N HONCUT # 121 27 3 # OP # ORNVILLE WYANDOTTE I D # 223.	VER 139 320 1 * * * * * * * * * * * * * * * * * *
TO NO # PRIMARY CO. INAMES OF SHARP AND AND AND AND AND AND AND CO. INAME OF SHARP AND CO. INAMES OF SHAPP AND CO. INAMES OF S	本本と世帯の大学を大学を大学を大学を大学を大学を大学を大学を大学を大学を大学を大学を大学を大	* 0E SABLA FOREBAY	* PEATHER RIVER PATCHERY * 39 31.3 * B * BUTTE FEATHER RIVER* 121 32.7 * OP * CAL DEPT WATER RES * 3624 * 5977.	* FORKS OF BUTTE CREEK * 39 54.0 * 1 * 801TE CREEK * 121 33.0 * * * * * * * * * * * * * * * * * * *	* GRI72LY GILCH * 440 2.9 * I * BITTE BUTTE CREEK * 121 33.0 * -145	A JONESVILLE BUTTE CREEK A 121 29 4 SR A BUTTE BUTTE CREEK A 121 29 4 IS A 69 4 166	* 39 34.5 * F Y S * BUTTE	# MINERS RANCH RESERVOIR # 39 30 3 4 H I S # BUTTE TRI N HONCUT # 121 27 3 # OP # ORNVILLE WYANDOTTE I D # 223.	VER 139 320 1 * * * * * * * * * * * * * * * * * *
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	A A BUTTON A B A B A B A B A B A B A B A B A B A	# 39 52,3 # H BUTTE TRI BUTTE CRE# 121 36,4 # DP PACTFIC GAS + ELECT CO # 108 # -309	KODAD & FEATHER RIVER # 39 31.3 * R OO34 * BUITE FEATHER RIVER* 121 32.7 * OP RC * CAL DEPT WATER RES * 3624 * 5977.	4 * FORKS OF BUTTE CREEK * 39 S4.0 * 1 4 8.0 TE CREEK * 121 33.0 * 8.19 K * 10 * 8.19 K * 8.1	S # GRIFZLY G!!LCH # 40 2.9 * I * B!ITTE CREEK * 121 33.0 * * * 145	SA JONESVILLE BUTTE CREEK # 121 29.9 # SR 1 # BUTTE BUTTE CREEK # 121 29.9 # IS 1 * 69 # *166	A MONTER A LOST CREEK + 121 8-14 DF + 120 CLEEK	* MINERS RANCH RESERVOIR * 39 30.3 * H I S * BUTTE TRI N HONCUT * 121 27.3 * OP * ORDIVILLE WYANDOTTE I D * 223.*	* 39 32.1 * 500 VILLE DAM * 39 32.1 * 55 * 8 HITTE FEATHER RIVER* 121 28.8 * * CAL DEPT WATER RES

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,04 PAGE 56 OF TABLE 1

* DOZZZ * DOZZZ * DOZZZ	在各种条件在条件条件条件条件条件条件条件条件条件。	. * * * * *		*****		# # # # #	en en	***	**************************************
***	* * * * * * * *	***	****	***	***	***	***	***	***
KOO MY	74 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	01 00 00 00 00 00 00 00 00 00 00 00 00 0	1001 22.36.4	13606 16. 45	6014.9 752.77	523. S	1124 20.899	66	
* * * * * * * * * * * * * * * * * * *		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000 0000 0000 ****	4 4 1000. 4 4 1000. 4 4 1000.	00000	* * * * *	* * * * * * * * * * * * * * * * * * *	20 00 00 00 00 00 00 00 00 00 00 00 00 0	* * * * * * * * * * * * * * * * * * *
\$. 03 #3 . 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # QOUTH	o en en	13200	211820 211820 211820 211830	11299	4 0000 0000 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1200 CC C	115000 2 1 15000 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 000000000000000000000000000000000000
*****	K K K C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	150000 100000 1400000 14444	100 400 400 400 400 400 400 400 400 400	N - W - W - W - W - W - W - W - W - W -	24.00 24.00 0.00 0.00 0.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# # # P # P # P # P # P # P # P # P # P	2	****	20 F F F F F F F F F F F F F F F F F F F	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	HI GP 460064	2.0 2.0 2.0 2.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	2 C C C C C C C C C C C C C C C C C C C	在 在
* # # # # # # # # # # # # # # # # # # #		39 38 0 31 12 12 13 13 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	30 34 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	130 40. 101 40. 1164.6 *	119 48 55 11 12 13 9 11 12 13 13 9 11 12 13 13 13 13 13 13 13 13 13 13 13 13 13	39 3W.7 ** 121 300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	39 27 55 121 121 37 9 # # 3610 # #	121 37°7° 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	M
**************************************	NAMES AND STATEMENT AND STATEM	A BUTYE HILL FALL RIVER A	* SLY CREEK * BUTTE LOST CREEK * CONTLLE-WYANDOTTE ID **	A SULTYE PRENCT CREEK A A SULTYE	SYCAMORE BIG CREEK *	* THERMALITO DIVERSION DAM * * BUTTE PIVER PIVER PIVER PER CAL DEPT WATER PER	A THERMALITH AFTERBAY BUTTE FEATHER RIVERS CAL DEPT WATER RES	* THERMALITO FOREBAY * BUTTE TRI CTTNWO CR* * CAL DEPT WATER RES	A CANSPRODAS & ANGPLO POWERHOUSE & 100 40.55 & CANSPRODAS & ANGPLO POWERS & 100 40.55 & CANSPOO & CANSPOO & ANGPLO CANS & CALAVERAC & ANGPLO CANS & PACTFIC GAS ANGPLECT.
######################################	# # # # # # # # # # # # # # # # # # #	A CAGSPKOOWY A CAUDINGO W A S DAC S	* CACSPKC0046 * CACORYN PFC PFC	# CA78PK0038 # 6 CAU0294 # #	TAGORDANO TAGORD	* CAASPKOO42	T CACSPKOO44	* CAISPKOO43 * CAOO041 * S DRC *	* CAHOPKOORU * CAOBOOO * DAG ************************************

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,05 PABLE 1

A THE TO HOUSE A THE TOTAL TO THE	PARTERSANDAND DE COLUMN DE	**************************************	**************************************	*	EXIGH COAP.	**************************************	**************************************	THE STREET STREE
* ACTV DEP * CODE * FILE * A STATUS *		* CD * * * (CD X * X (CD X * X (CD X * X (CD X * X (CD X (C) C) (CD X (C) C)))(C) (C) (C) (C) (C) (C) (C) (C)	A 4 4 4 6 00 P C C C C C C C C C C C C C C C C C	(FT) # (FT) # (FT) # (FT) # (FT) # (FT)		# (IZZ) # # (IZZ) # # (IZZ) # #	(1000 S) (8/HWH)	_ ~~
######################################	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	* 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	14444444444444444444444444444444444444	***************************************
CA78PK0063 ** CAU0125 ** 5 DRC I	FOREST CREEK RESERVOIR FOREST CREEK	1	0000	24 44 44 44 44 44 44 44 44 44 44 44 44 4	0 m m	****	3309 2041 3041	****
** CA68PK0054 ** CAU0128 ** 5 DRC I	FORKS RESERVOIR CALAVERAS SOUTH FORK CA	** 130 40° 6 ** 120 40° 6 1149 44	# # # # # # # # # # # # # # # # # # #	*****	19222 19222 19222	* * * * * * * * * * * * * * * * * * *	4004 1255 135	****
* CACSPKOO77 * CACSPKOO77 * CAOCSCO * * CACCSCO * * CACCSCO * * CACCSCO * * CACCSCO *	* GOODWIN * CALAVERAS STANISLAUS RI * OAKDALE S SAN JOADUIN IO *	* 37 51.7 [* 120 37.7 *	1 S 1 S 0 S 1 S 0 S 1 S 0 S 1 S 0 S 1 S 0 S 1 S 0 S 1 S 0 S 1 S 0 S 1 S 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	970	* * * * * * * * * * * * * * * * * * *	167.58 36. 1	****
* CA6SPKOO65 * CAU0147 * S DRC I	* HIGHLAND * CALAVERAS NORTH FORK ST *	* 36 24.0 ** * 120 3.9 * * 120 3.9 *	######################################	200000 4400000 4000000 44444	11391 11391	* * * * * *	15 15 15 15 15 15 15 15 15 15 15 15 15 1	***
TAUSPKOOGS TAUSPKOOGS TAU ORC	* HUNTERS RESERVOIR * CALAVERAS MILL CREEK * PACTFIC GAS + ELECT CO	* 38 11 8 120 21 8	T	# # # # # 0 0 0 Mr (N) III 2 0 0	3600 176312 179912	* * * * * * * * * * * * * * * * * * *	6978.4 35.917	5 Ni
* CATSPK0066 * CAU0166 * S DRC II	* JESHS HARTA * CALAVERAS JESUS MARTA (** CALAVERAS ** CALAVERAS ** ** ** ** ** ** ** ** ** ** ** ** **	* 38 16°1 C* 120 30°7	* * * * * * * * * * * * * * * * * * *	215.0 36000 1196.0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ं जे जे उन्हें	* * * * * * * * * * * * * * * * * * *	10.01 10.00 10.00 10.00 10.00	***
* CAGSPKOOSO * CAOOSO * J DRC	MIDDLE FORK CALAVERAS MID FK MOKE CALAVERAS P U DIST	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	* * * * * * * * * * * * * * * * * * *	35.341 23141	
# CACOPTO 2007	* CACSPKOOGZ * MURPHYS FORESBAY * CAOOJZO * CALAYERAS TRI ANGELS CI * DRC * PACTFIC GAS + ELECT CO ************************************	** ** ** ** ** ** ** ** ** ** ** ** **	* * * * * * * * * * * * * * * * * * *	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4	186s 77 35s 789	· · · · · · · · · · · · · · · · · · ·

DATE 14 FER 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,05

*		90	****	****	****	****	****	****	* * * * * * * * * * * * * * * * * * *
######################################		6.6	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1830.4	3841.1 13.21.1	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 10 10 10 10 10 10	20706 126. 8	25 CO 1
REPRESENTATION OF THE PROPERTY		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	****	* * * * * * * * * * * * * * * * * * *	**************************************	****	10 00 00 00 00 00 00 00 00 00 00 00 00 0	* * * * * *
#	# # # # # # # # # # # # # # # # # # #	300000	00 M M 44 O M M M	0 0 0	11216	17785	OMM	150427	O 80 80 80 80 80 80 80 80 80 80 80 80 80
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	10000 10000	# # # # # # # # # # # # # # # # # # #	160000 160000 160000 160000	* * * * * * * * * * * * * * * * * * *	2000 10000 10000 10000 10000	# # P P P P P P P P P P P P P P P P P P	
# 2	**************************************	CIHRDD UC 1560,01	*616.0	44 44 64	00° 80° 80° 80° 80° 80° 80° 80° 80° 80°	80 M	CO ec CN E	*119*3	在 · · · · · · · · · · · · · · · · · · ·
**	**************************************	37 56.9 * CIHROD 120 31.2 * UC 900 * 1560.0	# # A CO	27	36 21 2 4 4 6 12 0 21 12 0 37 2 4 6 4 8 4 8 4 8	38 21.7 * 120 10.9 * 13 325.0	33 12 8 3 4 12 0 12 12 12 12 12 12 12 12 12 12 12 12 12	38 15.9 * 120 16.0 * 119.3	***
# # # # # # # # # # # # # # # # # # #	**************************************	36.9 * CIMROD 31.2.* UC 900 * 1560.0	TIVER & MS P4.0 & FOPK HOW A 120 M4.0 P A 120 M4.0 P A 120 M A 120 P A	SNETT CREEK * 100 100 0 * * * * 100 100 0 * * * * *	* 38 21.9 * \$00TH FDRK MO* 120 37.0 * \$ 96 *	# 38 01.7 # 10 04.4 # 10 0	# WB 10 B # A B B B B B B B B B B B B B B B B B	W. O.	***
# # # # # # # # # # # # # # # # # # #	A A A A A A A A A A A A A A A A A A A	NEW MELDNES & 37 56.9 & CIHROD CALAVERAS STANISLAUS RI* 120 31.2 & UC US # WPRS & 1560.0	4 WG R4 C A T T T T T T T T T T T T T T T T T T	CREEK * 120 CRS * * 120 CRS * * * * * * * * * * * * * * * * * * *	X X X X X X X X X X X X X X X X X X X	707X ST + 170 10.7 + 1.00 10.0	ANTUNIO 4 120 255.9 A 120 255.9 A 120 255.9 A 120 255.9 A 120	7000 X X X X X X X X X X X X X X X X X X	# # # # WO I'I OO I'I # # # # WO I'I OO I'I # # # # WO I'I

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.05 PAGE 59 OF TABLE 1

FORK CREEK HOW 120 24.0 * 1.0 * 1.2000	# (CFG) # (CFG) # (CFF) # (CFF
ESERVOIR	## EAST PARK RESERVOIR ## 122 30.8 # DP ## 102 ## 102 ## 102 ## 102 ## 103
FURK	6 * UPPER MIDDLE FRK * 100 24.0 * 655 1 * CALAVERAS * MIDDLE FRK * 100 24.0 * 655 1 * CALAVERAS * MIDDLE FRK * 100 24.0 * 655 1 * CALAVERAS * MIDDLE FRK * 100 24.0 * 655 1 * CALAVERAS * MIDDLE FRK * 100 24.0 * 655 1 * CALAVERAS * MIDDLE FRK * 100 24.0 * 655 1 * CALAVERAS * MIDDLE FRK * 100 24.0 * 655 1 * CALAVERAS * MIDDLE FRK * 100 24.0 * 655 1 * CALAVERAS * MIDDLE FARK * 100 24.0 * 655 1 * CALAVERAS * MIDDLE FARK * 100 24.0 * 655 1 * CALAVERAS * MIDDLE FARK * 100 24.0 * 655 1 * CALAVERAS * MIDDLE FARK * 100 44.0 * 655 1 * CALAVERAS * MIDDLE FARK * 100 44.0 * 655 1 * EL NURAND * MIDDLE FARK * 100 44.0 * 655 1 * EL NURAND * MIDDLE FARK * 100 44.0 * 655 1 * EL NURAND * MIDDLE FARK * 100 44.0 * 655 1 * EL NURAND * MIDDLE FARK * 100 44.0 * 655 1 * EL NURAND * MIDDLE FARK * 100 44.0 * 655 1 * EL NURAND *
######################################	1 * COLUSA NIDOLE FORK * * * * * * * * * * * * * * * * * * *
FEAR CREEK BEAR CREEK LITTLE STONY LITTLE STONY LITTLE STONY STONE CORRAL STONE CORRAL SOUTH FORK CO MIDOLE FORK CO	1 * BEAR WIDDLE FORK 1 * BEAR VALLEY 1 * BEAR VALLEY 1 * COLUSA 1 * COLUSA 1 * COLUSA 1 * COLUSA 2 * COLUSA 3 * COLUSA 4 * AUKUM RESERVOIR 5 * EL DURADO 1 *
	u

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,05 PAGE 60 OF TABLE 1

!	* (D W * M) * (D M * M) * (D M * M) * (S M * M)	2	ACTTO***********************************	4 tr 4 tr 4 tr 4 tr 4 tr 4 tr 4 tr 4 tr	107.887.00 407.80 407.80 407.80 407.80	(1000 8) (8/MEH)	TOTAL MARKAT COOLS ON NOTICE ON NOTICE ON THE STATE OF TH
**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	######################################	**************************************	* * C C	· · · · · · · · · · · · · · · · · · ·
* * * * * * C	20 20 20 20 20 20 20 20 20 20 20 20 20 2	H W M M M M M M M M M M M M M M M M M M	11/0 11/0 10/0 10/0 10/0 10/0 10/0 10/0	9000		2 t t t t t t t t t t t t t t t t t t t	
****	48 45 45 45 45 45 45 45 45 45 45 45 45 45	**************************************	000 000 000 000 000 000 000 000 000 00	0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HERE	2513.7 85.33.7	
* * * * * E	38.46.9 ** 120.52.0 * 616.*	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * *	* * * * * * * * * * * * * * * * * * *	88 89 80 80 80	in N
CANYON * * * *	8 46.1 **	H 00 4321,034	91 477 1904 1909 1	* * * * 00000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	cc	0
M == : * * * * * E <	8 47 85 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	11.0° 01.8°	# # # # # # # # # # # # # # # # # # #	60017 4 71009 7 4 71009	15251	4 80 60 60 60 60 60 60 60 60 60 60 60 60 60	Ω.
M == 1	65 65 65 65 65 65 65 65 65 65 65 65 65 6	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 44	**** N. N. O. D.	3 IN	
****	30 00 00 00 00 00 00 00 00 00 00 00 00 0	8 D H GO H GO H H H H H H H H H H H H H H H	N 2 0 N 0 0 0 4 4 4 4 4	31 34 C 0 0 00 31 34	0 0 0 0 0 0 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	90 -0
***	38 49,3 **	# # # ; # @ C	11.4. 0.00.4. 0.00.4.	* * * * • • • • • • • • • • • • • • • •	* * * OMI	25 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	P. C. C. A.

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,05 PAGE 61 OF TABLE 1

	FORDERS AND SOLUTION AND SOLUTI	CURCH NAME OF ENAME OF ENAME A DEVER	LATITUDE . LONGITUDE . DR.AREA .	AVE BY AVE	** CAN III		EXIGT.CAP. *EXIST.ENDSANUL. DOGT *ERC ECONCILO INC. CAP. *INC.ENERGY*ENERGY COGT* ERC NONECOTOT. CAP. *IOT.ENERGY*	ANUL. COST ENERGY COS	* FRC BCONDAIC * T* FRC NONECONDAIC*
CODE CODE *	* * *		(0 x x) (0 x x) (00 x x)	2	* * *	000	HARE CHARLES	(1000 S) (S/MMH)	100 6) 4 (SEQUENCE RANK) 4 (SEQUENCE RANK) 4 (SEQUENCE RANK) 4 (SEQUENCE RANK) 4
* C IV	**************************************	**************************************	######## 38 44.0 120 56.0	***	# # # # # # # # # # # # # # # # # # #	***************	**************************************	* * * * * * * * * * * * * * * * * * *	我们也有我们的,我们就是我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我
o ICT I	* *	* 1	1700	#220°7#	* 4	6	# 10 M2		- 4
	2	2	f	K 48 4	K # .	•	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	* *
0 70	A FL DOWADO	SUY PARK CARRA	120 33 55		44660 *	S7 W	* * 0010	51.170	* *
			-	=27.8#	202.2 *	573	* 2100 *		. *
_	* *	* *	• •	* *	* *		* *		* *
CAJSPK0126 *	A GUNCHION DESERVOIR	* 90 050 110 050	38 51.1	# 1 a	168.0 *	133000	* 187830 *	•	
		۲ ا	142	140°04	1535.0 *	133000	* 167830 *	D	* *
- 1		* 1	* 1	* 1	* 1		* 1		
	* LOON LAKE	,	0	T C O	108.0	74100	* 103276 *	c	* *
1 CACC42C	* EL DORADO * SACOAMENTO *		120 18.5	***************************************	76500 *	0 0 4 7 4 0 0	* 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
3		*)	1 4x	*	201	# # # #		
	* MICHIGAN BAR		40	* *	1050	0	**	1790.1	**
CAUGEOS *	* EL DORADO	CDSUMNES RIVER	121 3.0 4	# # # # # # # # # # # # # # # # # # #	# 0000 R	1307	6316 *	283.39	* 1
*	: 4:	* *	* **)))		*	•			* *
40,000,000	100 to 10		a	* 1	* 1	•	* *		
	# FL DORADO	* NORTH FORK CO*	120 32 2	* *	* * 0000	101	# # OOO	1668	* *
_		*	# £17	. #39°6#	152.0	105	* 769	1	*
. ¥	* *	* *	* *	* *	* *		* *		**
CASSPK9040	SK CREEK P	I	38 43 B	A CHOIL	* 0.08	0		•	:. 4 €
	* EL NURADO	S FORK AMERICA	0	# 4 6	4	0069	# 1000100 #	131,52	*
) L	K -#	* *	2	# C	•	000	* * * * * * *		* *
•		*		*	*		*		: 4x
-	PAUX CURRY	AESERVOIR	38 44.0	*	# 0°0°1	0 6	* 0	4412	*
S DRC E	☐ 4 ¥	* * *	160 65.	* 5.55	* 1005 1849 1879	1000	# 1/00/1 # 2/20/1 #	192.86	* *
	*	*	•		*		*		*
CA6SPK0108 *		* *	MG 344.3	* *	204.0	C	* *	4744	**
CAUO243	نعا نعا	MIDDLE FORK C.	e in a	AS .	40000	103	*	4864	r #r
a DNC 1	化 (1/2/1) 1) 化二氯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基		# 19 19 19 19 19 19 19 19 19 19 19 19 19	*0*69	* /°''''	101	# 000 #		*

DATE 14 FEB B1 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,06

* * * * * * * * * * * * * * * * * * *	######################################	* 2	*****	* C C C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	RAGE	######################################	N	### CARTO BY CONTROLLING THE CONTROLLING C
######################################	**************************************	* M * M * T * T * * * * * *	######################################	** ** ** ** ** ** ** ** ** ** ** ** **	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			# # # # # # # # # # # # # # # # # # #	医抗性 医皮肤
## CA78PK9039.	** PLIM CREEK PH (ALDER DAM ** EL DORADO S FORK AM **	DAM) AMERICA **	36 44 44 44 44 44 44 44 44 44 44 44 44 44	# # # # # # # # # # # # # # # # # # #	17 W W W W W W W W W W W W W W W W W W W	0 42700 42700	# # # # # # # # # # # # # # # # # # #	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
# # # # # # # # # # # # # # # # # # #	* * RINGS PEAK * EL DGRADG S FK R * SACRAMENTO HUD	* * * * *	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	00 00 00 00 00 00 00 00 00 00 00 00 00	44 W W W W W W W W W W W W W W W W W W	23750 23750	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00	
** CA6SPK0110 ** CAUCE63 ** P DRC E	* SALMON FALLS * EL DORADO SQUTH *	F 078 A X X X X X X X X X X X X X X X X X X	38 45.9 * 121 1.0 * 807 *	* * * * * * * * * * * * * * * * * * * *	11 10 10 10 10 10 10 10 10 10 10 10 10 1	0 177087 177087		4 0 0 0 0 0 0	3
# CA789K0112	* SALMON FALLS (ALTERNATE P * EL DOPADO SOUTH FORK *	H H H H H H H H H H H H H H H H H H H	38 29.9 120 56.9 *	* * * * * * * * * * * * * * * * * * * *	137.0 6700 44.00 44.00 44.00	31648 31648		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	=======================================
A CATSPKO113	* STLVER FORK PH * STLVER FORK * EL DOBADO SOUTH FORK *	7 CO 7 A A A A A A A A A A A A A A A A A A	38 45 45 120 19.4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	300°0 300°0 30°0 44°0 44°4	N N 8 N 8 S 0 4 4 M	****	60 80 80 80 80 80 80	
A CAUSPKOLMA CAOOPRUM TO CAOOPRUM	* SLAB CHK * EL DORADO S FK A * SACRAMENTO MUD	A TERMINATION OF A STATE OF A STA	38 46.3 120 41.9 4	20 00 T 00 N N N N N N N N N N N N N N N	A	190000	# WUTTEN # # WUTTEN # # # WUTTEN # #	C C	
CA6SPKO114 CAUCHTS CAUCHTS	* SAPTAGG RESERVOIR * EL DORADO SOPIAGO *	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	38 33 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	#### 0.000 1,000 1	0 tr to	*****	10491	
# CADGPK01104 # CAOC604 # CAOC604 # BRC # #	* CADSPRO124 * STUMPY MEADDWS RESERVOIR * CADOSO7 * GL DORADO PILOT CR * 20 DRC * GERDSETOWN DIVIDE P.U.D.		本 (10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	本	# 0.005.1 # 0.005.1 # 0.005.1 # 0.000.1	() () () () () () () () () () () () () (# ONO.P. # # ONO.P. # # # # # # # # # # # # # # # # # #	在在在在在在在在在在在上,1911年10日 1911年10日 1911年10日	在

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,06

# CO & E & W CO & E & W CO & E & W CO & E & E & E & E & E & E & E & E & E &	· 使收收 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在		er (vi						
* E	*	****	****	****	****	****	****	****	
**************************************	# # # # # # # # # # # # # # # # # # #	CC	1613.6 37.860	0 m 80 m 10 m 10 m 10 m 10 m 10 m 10 m 10 m 1	00	2 4 6 4 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6	66.9730.7	有有有有有有有有有有有有 10000000000000000000000000	00
\$ 05-5 \$ 05-5 \$ 05-5 \$ 20-5 \$	**************************************	# 0 M 7 W 7 W 9 W 9 W 9 W 9 W 9 W 9 W 9 W 9 W	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4444	20 80 80 80 80 80 80 80 80 80 80 80 80 80	N W O 4 4 O 4 4 E 8 8 8	111140 1004999 1116999	*****	
* 004000 * 444 G * 0 0		# # # # # O IS IN IN IN	# # # # # # CO TO	***** CNN	44100 44		106500 310750 417251 417251	4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	100000000000000000000000000000000000000
****	FOO 60 F + + + + B	****	* * * * *	****	040	* * * * *	****	****	****
A K K K K K K K K K K K K K K K K K K K	# PO 0 0 0 E O 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 KB 4 1000 6 4 1000 6 4 1000 6 4 1000 6 100	20 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	210.0 15000 178.8	178 498 798 0.00	N 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	140.0 493 827.0	160.0 80000 2067.9	M W W W W W W W W W W W W W W W W W W W
***	****	****	* * * * *	****	. * * * * *	****	****	* * * * *	
* C C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	& C T T W A W A W	40.0	80 a 90 m	387.	# C &	40 40 41 61	* 37 E	E D
* * * * * * * * * * * * * * * * * * *	数 名	* * * * * * * * * * * * * * * * * * *	* * * * *	# # # #	T	9	41.9	* * * * *	
****	数 名	4 VI 00 00 00 00 00 00 00 00 00 00 00 00 00	120 11 9 9 # 70 6	38 26.4 * 120 40.9 * 136.	38.7	9	41.9	in.	37 4.3 * H 118 57.9 * UC 40 * 76.
#	4 100 4 00 4 00 4 0 10 4 00 4 0 0 4 0 0 4 0 0 4 0 0 4 0 4	TR # 120 256.3 # OP R # R 120 256.3 #	A WO 400 0 A A WO 400 0 A A WO 114 0 A A WO 4 A WO	* * * * * * * * * * * * * * * * * * *	# 36 54°4 H H KINGS RIF 119 S.4°4 DP CO # 26 4 DP CO # 26 4 DP 884	# # 1000 M # # # # # # # # # # # # # # # # #	DATE 37 10.4 * T N N 119 19.7 * DP 12.24 * 14.9	* 36 49.9 * FORK KI* 110 UR.O * * 360 * * 360 *	* 137 4.3 * I
ARREGRATARE RATE ARREGRATARE ARREGRATARE TO TOTAL TOTAL TOTAL TOTAL ARREST TOTAL AR		TA * 120 26 3 * 0 T	# WG 400 0 # 100 11 0 0 # 40 40 40 40 40 40 40 40 40 40 40 40 40	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 36 54.4 # H # 119 5.4 # DP # 126 # DP	BEAR CREEK DIVERSION * 37 20.1 * H FRESNO BEAR CREEK * 118 58.4 * DF SOUTHERN CALIF EDISON CO * 54 * DF	A18 47 10.4 * I X* 119 19.7 * OP X* 1204 * 419	* 46 49.9 * * * * * * * * * * * * * * * * * *	ω : α :

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.06 PAGE 64 OF TABLE 1

REVARYATATA A TAKA A TA	t			****	AL ST			e M	· 电影影影响 医斯勒勒氏 医克勒氏 医阿克勒氏 医阿克勒氏管 医阿克克氏管 医阿克克氏管 医阿克克克克克氏管 医阿克克克克克克克克克克克克克克克克克克克克克克克克克克克克克克克克克克克克
* * * * * * * * * * * * * * * * * * *	****	****	* * * *	****	4 4 4 4 4 4	****	~ * * * *		*****
#####################################	3102°1	13200	8216.9 98.737	32366 89.834	33° 33°	2292. 69370398	1480	10 e	
######################################	110965	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	20 CO	30000000000000000000000000000000000000	N 10 99 00 10 10 10 10 10 10 10 10 10 10 10 10	000	N. N.	* * * * * * * * * * * * * * * * * * *	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
# * * * * * * * * * * * * * * * * * * *	000	\$0000 \$0000 \$4	7 980 7 980 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	233176 233176	0 44 4	000	107	2700 2700 2700	を の の の の の の の の の の の の の
*****	00 6	000	000	****	000	000	4444	000	000
*	2217.	380.0 95000 2223.7	200.0 1400 1093.9	450.0 133000 279.7	167.0	3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	30000 30000 30000 30000	314 555 84 84 84 84 84 84	M W W W W W W W
######################################	1	N	II 00 II 10 00 II 10 00 II	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	* * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #
表写写: 《 《《《《《《《《》》 《D.	* * * * *	****	* * * * *	****	* * * * *	****	****	0.00	2 2 2
* * * * * * * * * * * * * * * * * * *	37 28 37 28 119 8.	37 2.1 119 6.	36 50.7 118 53.	36 53.0 119 7.9 1530	37 22.1 118 58.	36 56.6 119 41	36 45 119 22 120 120	37 0. 119 42 165	NAL 37 0.0 N R 119 42.2
¥ E	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	(PH I) KEY CREEK *	# # # # # @ !!! ?!	22 33 34 34 35 36 36 36 36 36 36 36 36 36 36 36 36 36	POISON CVERMIL* MONG CREEK * EDISON CO *	TLE DRY CR*	* * * * * X X U	A CAMPANA CAMPANA CAMPANA COMBUIN RAMPANA CAMPANA CAMP	
**************************************	**************************************	MEADOW RES (PH DINKEY	RESERVOIR Kings	A A A A A A A A A A A A A A A A A A A	1 P E	DRY CREEK LITTLE	K HILL	T X E	MILLERION (FRIANT-KERN PRESN) SAN JOA
# C.	PARRARASAN DINKEY CR PH2 FRESNO D	DINKEY HE	JUNCTION PRESNO	X E C X & C	LAKE THOP PRESNO SOUTHERN	LITTLE DR FRESNO	MTLL CREEK FRESNO	MILLERTON FRESNO LO - WPRS	A TILLERATON A TO
*****	**************************************	A CAUCANO A A CAUCANO A CAUCANO A CAUCANO A A CAUCANO A A A CAUCANO A A A CAUCANO A CAUCAN	* CA7SPK0141 * CAU0169 * S ORC I *	CA60PK0142 ** CA60PK0142 ** CAU0171 ** S	CACOPRO160 ** CACOPRO160 ** CACOPRO160 ** CACOPRO160 ** ** CACOPRO160 **	# CA68PX0144 # CAU0168 # # CAU0168 # # # DRC	CA68PK0144 ** CAUGROS ** S DRC I **	2	* CACGPK9026 * MILLERTON (FRIANT=KERN CA * CA10154 * FRESNO * CA10154 * FRESNO * CA10154 * FRESNO

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,06

	* * * * * * * * * * * * * * * * * * *	***	* * * * *	***	* * * * *	***	* * * * *	* * * * *	**************************************
COST * ERC ECONOMIC COST* ERC NONECONOMIC * ERC COMPOSITE (SEQUENCE RANK) * (SEQUENCE RANK) * (SEQUENCE RANK) * (SEQUENCE RANK)	k k 40 k 40 k		<u>0</u>					4 U	电阻电路 电电路电路 电电路电路电路电路电路电路电路电路电路电路电路电路电路电路

	K K K							·	3 4 4
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	****	no 40 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	~ MI ****	****	~ * * * *	~~0		
(1000 %)	K 10 W	11767	13.496	3889° 3889° 80°	5591.6	10 10 10 10 10 10 10 10 10 10 10 10 10 1	55993 659.30	423.68 30.44	10401
22 4W *****	k k k * * * * * * *	****	****	****	****	****	*****	****	* * * * * * *
		176 176	0 478687 478687	4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0 137735 137735	10 10 C	8 6 4 9 0 2 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	14100	140609
	* * * * *	0 M M	200	0 00 0 00 0 00	077	* * * * * O =< == 20 40	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 7 3 0 7 3 8 * * * *	0 M M 4
4 4 B			292878 292878	136 136 136 136 136 136 136 136 136 136	35 G 0 SR		143047 143047	88 88 88 88 88 88 88 88 88 88 88 88 88	113773
******	k	****	****	****	****	****	****	000	* * * * *
# DAN HT # PEK # TO B #	2	340.0 750000 286.7	429.0 1113000 375.1	250°0 54000 1098°9	280°0 24000 1706°2	73.0 6300 79.9	400.0 504000. 339.6	119.0 58500 111.8	460000
	* * * * *	* * * * *	* * * * *	****	100 00 00 00 00 00 00 00 00 00 00 00 00	* * * * *	* * * * * * * * * * * * * * * * * * *	***	* * C • 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0
T + C C C C C C C C C C C C C C C C C C	10 00 00 00 00 00 00 00 00 00 00 00 00 0	6.9	CIR DP 2242	<u>-7</u>	•126	ar an ur	10 18 33	10 0P 303	8 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	* * * * * *	****	* * * * *	* * * * *	****	* * * *	4 * * * #	****	t t * * * * t '0'
######################################	119 40°0 119 40°0 150 50°0	80 W 90 0 0 0	49.9 19.0	59.0	50.9 52.9 5.9.0	20 20 20 20 20 20 20 20 20 20 20 20 20 2	39.0 30.0 597	35.1 301.9	12 4 5 4 5 4 5 4 5 6 5 6 5 6 5 6 5 6 5 6 5
COS	2	36 119	36	119	118	125	139	125	123
× ×	* * * * *	* * * * *	· · · · · · · · · · · · · · · · · · ·	Ä	×	3	¥.	¥	
K 14.1 K 50°C K 5 K 60°2	**************************************	JIR DRY	RIVE	D	. 30 3	WILLO	STONY CHEEK	CREEK	RIVER
E L E U O E I	* 40	RESERVOIR LITTLE DA	85 X X	DINKEY	MIDDLE	π ×	> NO	RESERVOTE STONY	A MAD R
	* W	m		â	x	.	es.	e S S S S	Y D A H
K T W C C C C C C C C C C C C C C C C C C	* I * U * Z Ø	TAT	- F			VALLEY	<	B 8	ALLE
K & &	S S S S S S S S S S S S S S S S S S S) E C Z	7 0 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5 2	PITE NO TE		E E E	N N N N N N N N N N N N N N N N N N N	ER V
THE STATE OF THE S	* P C O	DWEN MOUNTAIN	PINE FLAT LAKE FRESNO DAEN SPK	S S S S S S S S S S S S S S S S S S S	FRESNO	CLARK	RANCHERIA	STONY GLENN US + W	* CA6SPNOO47 * BUTLER VALLEY DAM * CAUG350 * HUMBOLDT MAD RIVER * S DRC I * CORPS
	* C 10	31.0 31.0 31.0 31.0 31.0 31.0 31.0 31.0	300 2 4 4 4	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	* * * * *		0 0	0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	50.7
	74444444 CACSPK4024 CA10154 2 DFC	CASSPKO146 CAUGEST S DRC S	CACSPKO164 CAIO112 P DRC	CA78PK0147 CAU0259 S DRC S	CA78PK0148 CAU0299 6 DRC 8	CASSPKO166 CAUOOS3 S DRC E	CA68PK9020 CAU0254 S DRC S	CACSPK0170 CA10194 Z DRC	CA68PN0047 CAU0350 S DRC I
	* U N			A 1 10	A 7 9	0 50 0 50 4 8 8 8 8	0 In	0 N	900 V 10
	* * * * *	***	***						

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,06

* FM 2 IV NO * PRIMARY CO. = NAME * FM 1 IV NO * PRIMARY CO. = NAME * ACTV DEP * OWNER * CODE CODE * * FILE * * STATUS *	PRIMARY CO. INAMES OFINER OFINER * * * * * * * * * * * * * * * * * * *	Σ 4	MANA ME		****	HEAT OTO CO O CAPP CAE CAE CAE CAE CAE CAE CAE CAE CAE CAE	A TINCIO A T	ANUL, COST ENERGY COST (1000 &) (S/NET)	*RXING'ENRG*ANUL, CONT *ERC'ECONONIC * *INC.ENERGY*ENERGY CONT * ERC NONECONONIC * ** (AMM) * (1000 %) *(ORDUENCE RANK) * ** (MMM) * (ORDUENCE RANK) * ** (MMM) * (ORDUENCE RANK) * ** (MMM) * (ORDUENCE RANK) *
A CAUCONC A CAUCONC V CAUCONC V A CAUCONC	**************************************	* * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	**************************************	********** **************************	**************************************	*******************
CAUCODS CAUCODS CAUCODS CAUCOLS CAUCOL	* SEGUCIA * HUMACLOT * STATE	E E E E E E E E E E E E E E E E E E E	40 1.9 * 123 4.7 * 2400 *	20 20 20 44 50 50 50 50 50 50 50 50 50 50 50 50 50	10 00 00 00 00 00 00 00 00 00 00 00 00 0	2971740 2971740	* * 10024744 * * * * * * * * * * * * * * * * * *	31666 26.431	****
CA6SPN0010	* YAGER * HUMBOLDT * STATE	YAGER CREEK **	40 3°3 124 0°0 124 127 127 127 127 127 127 127 127 127 127	TS 299.0**	285.0 120000 177.	0 80708 80708	* * * * * * * * * * * * * * * * * * *	6031.3 111.31	****
CASSPNOOUS:	* YELLOW JACTET * HUMBOLDT * CORPS	** * * * * * * * * * * * * * * * * * *	40 14 0 x 123 37 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CSP SI 3064 ************************************	707-0 10000001 \$4.0000001	2284720 2284720	* * * * * * * * * * * * * * * * * * *	49907 8 1 3 8	****
CACSPNOOS1	* RUTH DAM * HUMBOLT BAY M.K.D. * HUMBOLT BAY M.K.D.	MAD RIVER **	40 25 24 1 24 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	& # # # # #	110000 1110000 0 1110000 0 0 1110000 0 0 11100000 0 11100000 0 1110000 0 1110000 0 1110000 0 1110000 0 1110000 0 1110000 0 1110000 0 1110000 0 1110000 0 1110000 0 1110000 0 1110000 0 1110000 0 1110000 0 1110000 0 1110000 0 1110000 0 1110000 0 11100000 0 11100000 0 11100000 0 11100000 0 11100000 0 11100000 0 11100000 0 11100000 0 11100000 0 111000000	1112	****	360, 51 36,740	****
* CACSPL0073 * CA10159 * 2 DRC	* IMPERIAL DIVERSION * IMPERIAL COL * DOI 1156R	OTON COLORADO * *	MP 11 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	180 07 1120 1120 1130 1130 1130 1130 1130 1130	* * * * *	72.88 72.88	****	737 15.898	\$11 ≠≠
CAISPLOO76	* HAIWEE NYOU CITY OF LOS AN	RUSE VALLEY	117 Se	80 C C C C C C C C C C C C C C C C C C C	20 00 00 00 00 00 00 00 00 00 00 00 00 0	2600 00088	* * * * *	00	****
** CAISPLOOTB CAOOO98 ** 2 DRC	* PLEASANT VALLEY * INYO * CITY OF LOS ANG *	LEY OVENS RIVER A ANGELES	M	* * * * * * * * * * * * * * * * * * *	0 M P	3200	****	00	****
* CACSPL0077 * CACSPL0077 * CACOOS4 *	* TINEMAHA DWENS RIV * INYO * CTTV OF LOS ANGELES	ΩE tab	118 138 148 15 15 15 15 15 15 15 15 15 15 15 15 15	* 37 3°5 * 8 * * * 118 13°4 * 09 * * 1915 * 1935.0*	M 40 W W W W W W W W W W W W W W W W W W	0 60 80		48 326 305 81	4.00.32.00 x x 3.05.00 x x

DATE 14 FER 81 NATIONAL HYDROELECTRIC PUNER STUDY TIME 22,29,07 PAGE 67 OF TABLE 1

######################################	* C > X < X = C .	* *	**	A A A A A A A A A A A A A A A A A A A	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* U>>> * US U	**************************************	######################################
A CAUCOLO I A S S CAUCOLO I A	**************************************	*	**************************************	* *	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	. * * *	* * * * * * * * * * * * * * * * * * *	**************************************
* CAHOPK9024 * CA10250	* BOREL POWERHOUSE * KERN * SO CAL ED CO	SOREL CANAL SES	35 35 30 30 30 30 30 30 30 30 30 30 30 30 30	TO	N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9200	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00	
** CACSPK0180 * CA10106 * 2 DRC	* ISABELLA LAKE * KERN * DAEN SPK	* * * * *	35 36.8 118 28.9 4 2074 4	CIR 00 44.0.740	64 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	213901 21891 21891	#### 6024700 4444	1321 21.846	***
* CACSPK0177 * CA00720 * 5 DRC	* KERN RIVER STATE * COUNTY OF KERN	48 5688 CAKE A * * * * * * * * * * * * * * * * * *	35 113 26 2400 2400 4	8 8 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 M 20 M 0 Q A 0 Q A 0 Q A	107	******	9.7. 9.8. 8.8.6. 8.8.6.	* * * * * *
* CAHSPK0176 * CASO429 0 DRC	* KERN RIVER ND. * KERN * SOUTHERN CALIF	A KEDN ALVERS A A SECTION CO A A A A A A A A A A A A A A A A A A	35 31 31 31 31 31 31 31 31 31 31 31 31 31	T 00 00 00 00 00 00 00 00 00 00 00 00 00	0 10 00 00 00 00 00 00 00 00 00 00 00 00	16000	132114 * 132114 * *	66	
* CA78PK0174 * CAU0830 * 5 DRC 8	* * * * * * * * * * * * * * * * * * *	SOUTH PK KERNA	11 10 11 10 11 10 10 10 10 10 10 10 10 1	* * * * *	140000 140000 140000 140000 140000 140000 140000 140000 140000 140000 140000 140000 140000 140000 140000 140000 140000 14000000 1400000 1400000 1400000 1400000 1400000 1400000 1400000 14000000 1400000 1400000 1400000 1400000 1400000 1400000 1400000 14000000 1400000 14000000 14000000 14000000 14000000 14000000 1400000000	11499	* * * * * * * * * * * * * * * * * * *	2606 406 606 816	***
* CA43PK0175 * CAU0248 * 5 DRC I	C 22	700 000 d	35 34.5 116 55.0 **	* * * * * * * * * * * * * * * * * * *	10 10 10 10 10 10 10 10 10 10 10 10 10 1	600	****	18 18 18 18 18 18 18 18 18 18 18 18 18 1	
* * CA68PK0181 * * CAU0063 * * * CAU0063 * * * * * * * * * * * * * * * * * * *	* * * * BUGGG & * * * * LAKE	KELSEY CREEK **	38 50°0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 20 20 20 20 20 20 20 20 20 20 20 20 2	# # # # # # # # # # # # # # # # # # #	11 10 88 8	******	3630°0 6674°0	***
* CACSPK0197 * CA00911 * 5 DRC	* CACSPKO197 * CLEAR LAKE IMP CAOO91 * LAKE 5 DAC * YOLO GIY FCUCD	2	3.00 5.00 4.00 4.00 4.00 4.00 4.00 4.00 4	8 T 8 O	38.0 420000 37.9	000	***	M • 4 4 • 6 6 • 8 6 • 8 6 • 8 7 • 8 8 • 8 •	***

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,07 PAGE 68 OF TABLE 1

* ON OH OF NEW 4	**************************************	* *	**************************************	**************************************	***	EXISTANA EXISTANA INC. CAD.	**************************************	**************************************	**************************************
7			(0 M.M) * (00 M.M) * (* * * (SF)	* * *	333	THE CHEEN	(1000 S)	* (SEQUENCE RANK) * * (SEQUENCE RANK) * * (SEQUENCE RANK) *
**************************************	**************************************	· · · · · · · · · · · · · · · · · · ·	* * * * * * * * * * * * * * * * * * *	***********	* * * * * * * * * * * * * * * * * * *	******	**************************************	**************************************	***************************************
* S DRC *	* YOLD COUNTY FCKC DISTRICT	MC DISTRICT A	j	127.0	80.00	91	* 0.00 M	; • • •	•
* 1	* 4		* *	* *	* *		* *		* *
	* KELSEYVTLLE LAKE		ur,	t ik	150.0 *	C	3	1302.2	. 18 € ;
* CAU0173 *	* * TAX M	KELSEY CREEK	# 166 UO.5 #	* 1 * 5 6 *	110.8 *	r # 6 30	k # 11900	4517.7	* *
* 4	*		**	* *	* *		* *		* *
* CA6SPK0188	* KENNEDY FLATS	1. 1. 1.	ac r	: 4 € +	548.0	0 6	2 14 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	20536	· * ·
* CAUO173 *	* *	CACHE CREEK	* 1000 0000 * *	*376*2*	521.4	183827	# 1502866 #	_	* *
* 1	* 1	~ '	**	* *	* *		* *		* *
_	* LAKE PILLSBURY	(SCOTT)	* 39 24.4	.	138,0 *	0	* * O	3828.0	. *
* CA00398		EEL AIVER	* 122 57.5 *	,	93724 *	M N 30 4	* * * * * * * * * * * * * * * * * * * *	5802.0	*
* * DRC I	+ ග∀හ	ELECT CO	* *	115.6#	* * * * * * * * * * * * * * * * * * * *	n 10	r		* *
· •	c *	•	. 41	* **	: *		. #		. *
ar.	* LAKEPORT LAKE	1	A 1	C AND I *	# 00°00#	0 5	* * *	1968.8	*
* CAU0179 * * 5 DRC I :	# LAKE	SCOTTS CREEK	* 0.00	13 50 80 81	167.8 *	2162	* 0000M	•	* *
	*	-	*		*		*		*
# CA639K0190	# #		4	* *	255°C *	0	* *		* *
	*	PUTAH CREEK	22 26		110000 *	796	* 3370 *	1637.5	-
* 5 DRC S	*		-	*M*0821	216.7 *	196	3,		*
* *		•	* *	* *	* *		k 40		* *
* CA68PK9019	CREEK		6 47	4 €	* 1 0 0 0 0 0 0		* 1	1737.8	# 1
* CAU00244	* * * * * * * * * * * * * * * * * * *	FUTAR CKEER	* 166 59*0 *	*177-0*	* 6°12	00	* *	n.	· *
			: #F		•	,	*		*
* CASSPKO193	>U - IV> 200 - 13 #		* 38 57.0 *	* *	377.0 *	0	* *	12046	* *
* CAUO321	* TAKE	CACHE CREEK	22 26	*	1000000	145743	* 7369	163.47	*
S DRC S	# 1		008	*376.2*	369.6 *	145743	4 7369		* 1
* *	* *		* *	* *	K #		x *		æ •k
00	* BIG VALLEY		6	*	* 0	0	*	C	*
* CAUGOS9	A CASSEN	PIT RIVER	* 121 16.0 *	* 7 * 655.	* * 000000 840.0	00	* *********		* *
* 在 * 本 · · · · · · · · · · · · · · · · · ·	这种有效的现在分词 医水体 医多种性 医克勒特氏征 医阿拉克氏性 医克勒氏性 医皮肤炎 医皮肤炎 医皮肤炎 医皮肤炎 医皮肤炎 医皮肤炎 医皮肤炎 医皮肤炎	*	****	在在在在在在在在在在在在在在在在在在在在	*********	********	***	******	***************

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,07

* COM AX STREET	**************************************	****	****	****	~ * * * *	K K K K K	* * * * *	* * * * *	** * * * *****************************
******	* * * * * * *	****	****	****	****	****	****	****	* * * * *
######################################	* * * * * * * * * * * * * * * * * * *	1838.6 1957.8	138 138 138 138 138 138 138	00	152.91 42.385	00	2276.3 741351	1097.1 1815.9	2419.8 30513 ****
**************************************		* * * * * * * * * * * * * * * * * * *	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MM 0000 4 * * * *	M W W W W W W W W W W W W W W W W W W W	* * * * *	2.0 0.0 3.3 *****	# # O A # # # # # # # # # # # # # # # #
X		Osh sh Milim Milim	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10000			000	cunun soso	0 mm 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
**************************************		* * * * * 000 000 000 000 000 000 000 00	4.0000 0.000 0.000 0.000 0.000	217.0 * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4444 000° 000°	* * * * * * * * * * * * * * * * * * *
A VEC. (A TO C.) A VEC. (A TO C.)		****	* * * * * * * * * * * * * * * * * * *	H DP 140.04	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	**************************************
**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	40 24 0 120 45 4	40 59 0 121 16 5	40 55°7 121 32°4	120 47.0 22	40 16.9 121 1.5	39 53.4 120 3.5	100 P6. 40 P6. 40 P6. 40 P6.	100 000 000 000 000 000 000 000 000 000
* *	**************************************	SUSAN RIVER	PIT BIVER	1 PH HAT CREEK	RVDIR SLATE CR HEATK, JR.	M (MTN MEADOWS) HAMILTON CREES	LONG VALLEY C	WILLOW CREEK	MILLON CREEK
ARARARARARARARARARARARARARARARARARARAR	**************************************	DEVILS CORRAL Lassen	FOURTH BUTTE LASSEN	HAT CREEK NO.1 LASSEN PG AND E	W & & & & & & & & & & & & & & & & & & &	INDIAN DLE DAM LASSEN PACIFIC GAS + B	LONG VALLEY Lassen	MCCALLISTER LASSEN	A CAUSTODOS A PETES VALLEY A CAUSTO A PETES VALLEY A U DAC O A LASSEN A U DAC O A LASSEN
**************************************	* * * * * * * * * * * * * * * * * * *	** CA68PK0199 ** CAU0108 ** S DRC D **	** CA6SPK0201 ** CAU0130 ** CAU0130 ** ** ** ** ** ** ** ** ** ** ** ** **	# CAHSPKO214 # CAOBOS1 # 5 DEC # 5	* CACSPKO212 * * CACSPKO212 * * CACSPS * * * CACSPS * * * * * * * * * * * * * * * * * *	* CAJSPK0206 * CA00407 * S DRC *	* CA6SPK0203 * CAU0189 * S DRC I * *	** CA6SPK0204 * CAU0199 * S ORC S *	# CA60PK020U # CA60PK020U # # CAU00420 # # # # # # # # # # # # # # # # # # #

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,07 PABLE 1

* * * * * * * * * * * * * * * * * * *	**************************************	* LATITUDE * * CONGITUDE * * CONGITUDE *	**************************************	* * * *	K K K K K K K K K K K K K K K K K K K	**************************************	ANUL DOOT ANUL DOOT MYNDER COOT	**************************************
CODE ILE ATUS		* * * * * * * * * * * * * * * * * * *	(CF(S) * *	* * *	333		(1000 S) (S/HEH)	ZAX
**************************************	*	**************************************	***********	* * * * * * * * * * * * * * * * * * *	*****	**************************************	*	**************************************
,	DEPT MATER RES		*45.0*	314.6 *	26000	* 5544 *		* *
* 1	* 1	* 1	* 1	* 1		# 1		
_	COGRWELL	* 34 14.	k,ŧ	265.0 *	0		99,124	* *
# CA00190	* LOS ANGELES E Y FK SAN GAB! * LOS ANGELES COUNTY FCD	# 117 U7 #H	* O-50	10446 *	ল ল ল ল গ গ	* * * * * * * * * * * * * * * * * * * *	53	* * ^9
			t	*	•			**
	o. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	* 34 10.4	* *	245.0 *	c	* * C	4	* *
* CA00216	LOS ANGELES SAN GABRIEL	17		20000	1109	# C5 ft 30 Ft	66.674	
_	METROPOLITAN WATER	***	-117,34	221.7 *	1109	4 ₩		* 60 *
* *	* *	* #	* *	* *		* *		* *
* CACSPLO080	PYRAMID	4 33	* 8 3 1	382.0 *	0	* 0	2382.0	. **
	* LOS ANGELES PIRU CREEK	* 118 45.7 *		171196 #	56063	17604 *	135,30	**
	な でんし ショー エスーガス スカルギ	* * * * * * * *	* * · · · · · · · · · · · · · · · · · ·	k #	50005			
		**	*	*		*		· *
* CACSPLN091	SAN GABRIEL	* 34 12.4	*	310.0 *		1	224.20	: # ·
* CACOROO	SAN GABRIEL	* 117 51. * *	* * * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	# 07070 #	. ·	# 1 C
		* *	٦.	•	3	,	•	x *x
	() 		# 1	* *	•	* 1		*
TO COLLY OF THE	TOTAL STRUCTS AND THE STRUCTS OF THE	**************************************		* * OOOO	94951	4	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* *
* 6 DRC E		146	*6.06*	1648.3 *	93951	78185 *	٠.	. *
	*	*	* 1	* 1		*		*
+ CA7SPK0218	N X X X X X X X X X X X X X X X X X X X	* 37 26.1 *	T OF LOS	270-0 *	O	k	8,4802	* *
	MADERA SAN JOADUIN		* * * * * * * * * * * * * * * * * * *	38500 *	53443	* 286242 *	6	. *
* 2 DRC S	*	* 0880 *	*763.0*	586.4 *	344	* 286242 *		* **
*	*	*	* 1	* 1		* 1		*
	14 15 10 10 10 10 10 10 10 10 10 10 10 10 10	6	* * O * U * L	* 0°058	C	* *	-	*
	MADERA	: =	3	150000	54478	* 100233 *	77.932	. *
* S DRC I		*	*64.7*	2987.0 *	54478	* 100233 *		*
*	**	*	* 1	a x 1		4 1		*
	A T > MANAZAZ - AKT CRICIANAN	* 0* 37 13.0 *	* *	20 CV	o		40.01	* *
i at	MADERA CHOWCHILLA R	119	* G.	192000	6.0	2566 *	150.82	: -
	¥ a.	15 CO	102.0*	177.8 *	6.5	* 566 *	•	*
****	, 智能有限的现在分词使用的现在分词 医克勒特氏征 医克勒特氏征 医克勒特氏征 医克勒特氏征 医克勒特氏征 医克勒特氏征 医克勒特氏征 医克勒特氏征 计记录器 计记录器 计记录器 计记录器 计记录器 计记录器 计记录器 计记录器	******	****	******	1.张松松松松松松松林林	****	********	****

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,07

A TON COM IN THE A	サイヤイ かんしょう かんしゅう かんしゅう はい はい はい はい はい しい こうしょう かんしゅう しょう くっぱん しょう しょう しょう しょう しょう はい はい しょう しょう しょう しょう しょうしょう しょう	* *	* * *			EXIST.CAP.	*UXURA BUXU*	NUL COST	* ERC ROLLOWIO
* ACTV DEP * CODE * CODE * STATUS *		E .	2	* * * *		7 X X X X X X X X X X X X X X X X X X X	**************************************	(1000 S) (S/BEH)	E R U
**************************************	**************************************	* 02	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************	**************************************	**************************************	**************************************
# CA7SPK0220 # CAU0163 # 2 DRC I #	A A A A A A A A A A A A A A A A A A A	* * * * * * * * * * * * * * * * * * *	119 128 60 119 128 60 1	T CO	17 10 0 0 N	 	* * * * * * * * * * * * * * * * * * *	9 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	所 ***
T CAUSPKORUS T CAOOSLO T C	* KERCKHUFF DIVERSION MADERA SAN * PACIFIC GAS + ELECT	** SAN JOAOUIN R** SAN JOAOUIN R**	37 7.6 # 119 31.5 # # 1461 # #	# # # # # M M M M M M M M	1 W 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	140000 34060 174080	264100 260000 240000 240000 240000	10.641	O
A CA6SPKO221	A A A A A A A A A A A A A A A A A A A	2	119 38°1 *	1 10 10 10 10 10 10 10 10 10 10 10 10 10		9-9-	CMM CMM CMM	2033.4 5176.7	****
* CATSPKORES CAUGEO9 * R DRC 6	MILLER BRIDGE MADERA	* * * * * * * * * * * * * * * * * * *	M M M M M M M M M M M M M M M M M M M	0 F 0 F 0 F 0 F 0 F 0 F 0 F 0 F 0 F 0 F	M 4000 0000 0000 0000 0000 0000 0000 000	88 88 88 88 88 88 88 88 88 88 88 88 88	* * * * * * * * * * * * * * * * * * *	6578.0 40.275	****
* * * CAGO WOO O O O O O O O O O O O O O O O O O	* TEXPERANCE FLA'S MADERA	SAN JOADHIN R	* MY US 1 * * 110 UM 4 * * 110 UM 4 * * 110 UM 4 * * * 110 UM 4 * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 20 20 20 20 20 20 20 20 20 20 20 20 2	611000	151 03 151 03 151 03 151 03	****
* CA78PK0227 * .CAU0322 * 5 DRC I	A MADERA	TABOND RIVER	119 400.0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	****	110000	N IV TT II S IV IV	*****	2472.1 129.44	****
* * CAT	* MASHON POWERHOUSE * MADERA * PG AND E	WILLOW CREEK A	**************************************	**** **** *** *** ***	1411,000	1080 4080 4080 4080	* * * * * * * * * * * * * * * * * * *	1721.0 46.390	****
* CACSPK0248 * CA10101 * S DRC *********	ACSPKO248 * BEAR DAM CA10101 * MARTPOSA BEAR CREE DRC * DAEN SPK	DESTRUCTION OF THE PERSON OF T	# M7 DD 1 # # # # # # # # # # # # # # # # #	C	4 0 0 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日	**************************************	0.00000 0.00000 0.000000 0.000000	· · · · · · · · · · · · · · · · · · ·

DATE 14 FER BI NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,08

* 02 0H 0 XI	AARARARARARARARARARARARARARARARARARARA	* * *	**************************************	4 P W W W W W W W W W W W W W W W W W W	A T T T T T T T T T T T T T T T T T T T	# # # # # # # # # # # # # # # # # # #	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	* 100	
* * * * .	12 2 3 3 C	* * * *	(10 M M M M M M M M M M M M M M M M M M M	VE. G	* (Pi1) * * * (Pi1) * * * * * * * * * * * * * * * * * * *		# (ZEI) # # (ZEI) # # (ZEI) # # # (ZEI) # # # # # # # # # # # # # # # # # #	(1000 S)	* ERC COMPOSITES *(SECUENCE RANK) * * (GECUENCE RANK) * * (GECUENCE RANK) *
4 CA60PK00099 4 4 5 DRC 14 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SECRETARIAN AND CONTRACTOR AND CONTR	· 化甲状腺 化苯甲状腺 化苯甲二乙烷 化二甲二二烷 化二甲二烷 化二烷 化二烷 化二烷 化二烷 化二烷 化二烷 化二烷 化二烷 化二烷 化	37 48 0 4 119 50 0 4 119 50 0 4 119 50 0 4 119 50 0 4 119 50 50 119 50 50 119 50 50 119 50 50 119 50 50 119 50 50 119 50 50 119 50 50 50 50 50 50 50 50 50 50 50 50 50	2	# # # # # # # # # # # # # # # # # # #			* * * * * * * * * * * * * * * * * * *	***************************************
CACSPK0249 ** CA10107 * S DRC **	MARTPOSA DAM MARTPOSA DARN SPK	AAAN ABOOT AAA	37 17.5° × × 120 6.7 × 108 × 108 × ×	C C C C C C C C C C C C C C C C C C C	0.00 m 4.00 m 4.00 m	666	* * * * * * * *	36.134 8100.0	
CA68PKO241 * CAUO221 * CAUO221 *	NORMEGIAN GULCI Martposa	GULCH RESERVOTR & UPPER SEAR CR&	# # # # # # # # # # # # # # # # # # #		200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	*****	1832 96000 9	
CAAGPKODSO A CAAOIIII A H H H H H H H H H H H H H H H H H	DAEN SPA	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	37 18.9 ** 120 11.0 * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	F.N.O N.N.O .O.O.d *****	000	* * * * *	40 EU 10	
CASSPKO242 * CAUGES * * S DRC S *	SOUTH FORK Hartposa	AMRCRD DIVERSION & SOUTH FORK MR*	M7 W6.7 # 11.9 43.8 # # 11.9 43.8 # # # # # # # # # # # # # # # # # # #	* * * # # M 	440000 M	0 0 0 1 10 0 10 0 10 0 10 0 10 0 10 0 1	* * * * * * * * * * * * * * * * * * *	36 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
CA79PK024W CAU0295 M DRC W K K	SEED TEATER	A A BORK MER A A A A A A A A A A A A A A A A A A A	37 39 0 0 11 11 9 554 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	M M M M M M M M M M M M M M M M M M M	0 0 0 0 0 0 0 0 0 0		25 26 26 26 26 26 26 26	
CASSPNOOTS ** CAUGO17 ** S DRC D **	BELL SPRINGS * MENDOCINO * STATE	대 대 대 대 대 대 대 대 대 대 대 대 대 대 대 대 대 대 대	39 5.3 # 123 2.7 # 1570 #	0.00 M M M M M M M M M M M M M M M M M M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1194352 1194352	* * * * * * * * * * * * * * * * * * *	10 10 10 10 10 10 10 10 10 10 10 10 10 1	
CASSPNOO17 ** CAUCO22 **	BRANGCOMB MENDOCINO	20 20 21 22 22 23 24 24 24 24 24 24 24 24 24 24 24 24 24	39 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	84 84 80 80 84 84 84 84 84 84 84 84 84 84 84 84 84	0000 0000 0000 0000 0000	21 21 20 20 20 20 20 20		24 44 44 44 44 44 44 44 44 44 44 44 44 4	
A WUCONGOOD A WUCONGOOD ON TO A CAUCAUCO A C	* CA6SPNOCES * DNS RIOS * CAUGES * MENDOCING EEL RIVER * 6 DNC I * CORDS	•	# # # # # # # # # # # # # # # # # # #	CG 410014	780000 760000 7666 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	724710	# # 900mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm	77225	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,08

ANABASABASABASABASABASABASABASABASABASAB	1		****	* * * * * * *	****	***			· · · · · · · · · · · · · · · · · · ·
# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	R F R	10 m 00 m 00 m 00 m 00 m	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NU WU	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4007 4000 4000 4000 4000 4000 4000 4000	66	60 60 60 60 70 70 70 70 70 70 70 70 70 70 70 70 70	以 100 年 200
A CARACA A A A A A A A A A A A A A A A A			* * * * * * * * * * * * * * * * * * *	100 100 100 100 100 100 100 100 100 100	91270	* * * * * * * * * * * * * * * * * * *	4 × 00 M 4 × 0 0 M 4 × 0 0 M	0 11 11	
****	k k	C IN IN O O O O O O O O	11 10 0 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4	42 A A A	O THE STATE OF THE	44 400 400 600	0000	000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
## # # # # # # # # # # # # # # # # # #	k K	M 4 M 00 M 10 M 10 M 10 M 10 M 10 M 10 M	00000 0000 0000 0000 0000	10000 10000 10000 10000	1430000 # # # # # # # # # # # # # # # # #		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	M 100	
***	* * * *	* * * * *	* * * * *	****	* * * * *		*****		* * * * 6
# # # # # # # # # # # # # # # # # # #		ပ (၈)	81 8400.0	80 GC 80 GC 80 GC 80 GC	61 81 822	88 88 88	THC OP 210.	00 47	1 1 1339-08
**************************************	# T	M-0 17-9 A C	39 1.99 * C.	39 12.0 * CRS 123 7.9 * OP 105 * •392	822	ණ ග නෙන	210	4.	37 30.9 * 1 * 120 22.1 * DP * 1045 * 1339.
A CO NO. A CONO. A CON	SARARARARARARARARARARARARARARARARARARAR	17.9 * C 3 18.0 * 81 35 * 91	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	9 12.0 # CRS 23 7.9 # OP 105 # •392	9 4.7 * C1 23 0.8 * 81 425 * 822	9 17 18 18 18 18 18 18 18 18 18 18 18 18 18	9 22.8 % IHC 23 7.8 % OP 35 % 210	7.22.6 * C 20.16.5 * DP 74 * = -74	30.9 **

DATE 14 FEB 81 NATIONAL HYDRDELECTRIC POWER STUDY TIME 22,29,08 PAGE 74 OF TABLE 1

LONNER OF STREAM *LONGTTUDE *RAINING **XSTOR* **XSTOR* ** INTO CAP* CANNER OF STREAM *LONGTTUDE *STATUS **XSTOR* ** INTO CAP* CONNER OF STREAM *LONGTTUDE *STATUS **XSTOR* ** INTO CAP* CONNER OF STREAM *LONGTTUDE **STATUS **XSTOR* ** INTO CAP* CONNER OF STREAM *LONGTTUDE ** STATUS ** CFT) ** (CKN) CONNER OF STREAM ** CONNER ** CONNER ** CFS) ** (FT) ** (CKN) CONNER OF STREAM ** CONNER ** CONNER ** CFS) ** (FT) ** (CKN) CONNER OF STREAM ** CONNER ** CONNER ** CFS) ** (FT) ** (CKN) CONNER OF STREAM ** CONNER ** CONNER ** CFS) ** (FT) ** (CKN) CONNER OF STREAM ** CONNER ** CONNER ** CFS) ** (FT) ** (CKN) CONNER OF STREAM ** CONNER ** CONNER ** CFS) ** (FT) ** (CFS) ** (CFS	TANEMA AND COOT A MAD GOODSHO ENERGY A MAD COUNTY CONTROL CONT	# # # # # # # # # # # # # # # # # # #		4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MUSEC 4 1500.61 4 WISEC 4 157 WISEC 15 15 15 15 15 15 15 15 15 15 15 15 15	****** ****** ****** ****** *****	# A N
LS MERCED RIVER * LATITUDE * STATUS * NAME OF STATUS * NA	_ * _=	**************************************	0 ** # # #	en en	600	00	######################################	<i>e</i> u <i>e</i> u		* *
FOT NAME " = NAME OF STREAM #LONGITUDE OWNER N	01470 4 0040 1140 4 0040 1140 4 0040 1140 4 0040 11	E COOP III	100 mm m	A # 129.	167.0 × 5066	# # # 400 s 7.23	1. 200 000 1.4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	本本本本 の の の の の の の の の の の の の	A A
	CONSTRUCT AND CONSTRUCT OF MACHINE AND CONSTRUCT OF MACHINE AND CONSTRUCT OF CONSTR	100 100 100	33.5 27.5 67.	1 20 21 15	1 55.6 21 4. 670	1 0 4 0	8 30.9 19 26. 176	25 - 42 - 42 - 42 - 42 - 42 - 42 - 42 -	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	38 19 9
	20	MERCED FALLS MERCED AIVER ** PACTFIC GAS + ELECT CD **	Ø *	PIG PIT				EAST WALKER R	LAKE CROWLEY LONG VALLEY MOND DWENS RIVER * CITY OF LOS ANGELES *	THE AVERT

DATE 14 FEB 81 NATIONAL HYDROBERCTRIC POWER STUDY TIME 22,29,08

A A A B A A A A A A A A A A A A A A A A	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	0000	4 1 0 0 0 4 0 0 4 0 0 5
* & & & . * * & .		다		000 MW 44W 000 00 00 00 00 00 00 00 00 00 00 00 0	888
* C	# O O O O O O O O O O O O O O O O O O O	M ~ W W W W W W W W W W W W W W W W W W	*******	*****************	000
# # # # # # # # # # # # # # # # # # #	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	********** ********* ********** *****	H # # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	***
LATITUD CONGITUD CO * AREA (O M * M)	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M	2		* 38 38.6
* *	* 0: ¥	A STATE OF S	ETICHVERA CREMANAWELL CREEK	CLAKE BERRYES PUTAH CREEK PUTAH CREEK	PODPE CREEK
######################################	**************************************	SAN ANTONIO SAN AN MONTEREY COUNTY FORCO SAN CLEMENTE HONTEREY CARMEL	A COOD INGS	MANATICELLA DAM NAPA US - WPRS SNELL NAPA	EALTED OPPINGS
**************************************	# # # # # # # # # # # # # # # # # # #	CARSPNOO26 * * * CASSPNOO26 X * * CASSPNOO25 X *	CA63PK0274 * * CAU0036 * * CAU0036 * * CA63PK0275 * CA63PK0275 * CA63PK0275 * CA0139	CACSPK5001 * * CA10170 * * DFC * * CA6SPK9021 * * CAU0276 * * * * CAU0276 * * * * * * * * * * * * * * * * * * *	CA69PK0278 * CAU0313 *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,09

*ERC CONDMIC * ERC NONECONDMIC* ERC COMPOSITE* * (SEQUENCE RANK) * (SEQUENCE WANK) *	在在水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水	* * * * *	are ere er	****	* * * * * * * * * * * * * * * * * * *	-	C 9	****	***
- C C	## ## ## ## ## ## ## ## ## ## ## ## ##	0.00 M. 00 M. 00	4 4 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	W 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00	M	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	*****	20 00 00 00 00 00 00 00 00 00 00 00 00 0
* AMENDA AND AND AND AND AND AND AND AND AND	* * * * * * * * * * * * * * * * * * *		N N N	4 4 4 8 9	140000 140000 140000 1444 1444	# # # # # O O O M M M M M M	44 44 000 44 4 4 4 4	41300 4 4 1300 4 4 4 1300 4 4 4 4 1300 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
× X O H O H D X X X C O X 3 3 C O A C C C A A A A A	**************************************		10700		37350 4 0 37350 4 4 0 5 4 0 5 4 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* # * * * * O M M O O O O O		
*****	* * * * * * * * * * * * * * * * * * *	17 3.0 20000 4 5.0 6 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000 0000 0000 0000 0000	M 46 00 00 00 00 00 00 00 00 00 00 00 00 00	** * * * 000 ° 000 M 000 M	0	### 0 ° / M G	* * * * * * * * * * * * * * * * * * *
AVE. B	# # # # # # # # # # # # # # # # # # #	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	######################################	100 00 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T 0P 6542	2000 CH	* * * C * C * C * C * C * C * C * C * C	TO 00.	# # # # # # # # # # # # # # # # # # #
A A R E A B B B B B B B B B B B B B B B B B B	## # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	39 26.8 120 39.0 118	34 34 34 34 34 34 34 34 34 34 34 34 34 3	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	120 16.1 120 57.1	39 16.9 120 50.6	39 120 30 31 120 50 50 50 50 50 50 50 50 50 50 50 50 50
PRIMARY CO. INAME DANER OF STREAM	A ANTHONY HOUSE AND SERVERS AND SERVERS ANTHONY HOUSE DEER CREEK LAKE WILDWOOD ASSN	BITWEY CORNER DEER CREEK	BOCA RESERVOIR NEVADA US - WPRS	BOWMAN RESERVOIR NUTLET TO C Nevada Nevada IRR Dist	CMICAGO PARK FOREBAY NEVADA BEAR RIVEO NEVADA IRRIGATION DIST.	COMMIE NEVADA NEVADA IRA DIST	DEEP CREEK DIVERSION NEVADA DER CREEK NEVADA IRR DIST	DEER CREEK POWERHOUSE NEVADA DEER CREEK PG AND E	* CACSPKO296 * DUTCH FLAT AFTERBAY * CAODEST * NEVADA * GAODEST * NEVADA * BEAR RIVER . * * UN DRC * NEVADA IND DIST
# # # # # # # # # # # # # # # # # # #	CACGPKOMOKK CACGPKOMOK CACGPKOMOC CACGC CACC CACGC CACC CACGC CACGC CACGC CACGC CACGC CACGC CACGC CACGC CACGC CACGC CACGC CACGC CACGC CACC	* CA66PX0280 * * CAU0060 * * * CAU0060 * * *	* CACGPXOULD * * CACGPXOULD * * CACGPXOULD * * * * * * * * * * * * * * * * * * *	* CACCONTO * * CACCONTO * * CACCONTO * * CACCONTO * * * CACCONTO * * * * * CACCONTO * * * * * * * * * * * * * * * * * * *	** CAGGPK0308 ** CA08002 ** ** OFC **	# CACORD	* CACSBKOS87 * CACSBKOS84 * CACSBC6 * * * CACSBC6 * * * * * * * * * * * * * * * * * * *	TAUSPKOM10 ** CAUSPKOM10 ** IN DRG **	* CACGPKO296 * CACGPKO296 * CACGRS * * CACGRS * * * * * * * * * * * * * * * * * * *

DATE 14 FEB B1 NATIONAL HYDRUELECTRIC POWER STUDY TIME 22,29,09

* * * * * * *	*****	****	* * * * *	****		****	****	****	* * * *
A WAY	* * **				_	_		87 0	**************************************
KHUEK B KUDGAK KUDGAK	* 0				73	70	9	m m	O *
	* ************************************								*
*07028	*								*
	*								*
** * * * * *	****	****	***	****		****		****	***
* F * F 00 - C C	* 00	6 3	c c	0=	80 es	o ro	45	80 C	\$ 100 \$ 100 \$
*** > OI	* * * * *	22.7		745.9	.4.	386.4	170,16 39,361	• NU	149 89
# 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * *	₩		0 r	4 4 V	W 4	- M	11	, T
* Z Z U * 4 W * * * * * * *	* * * * * * 1	*****		*****		***	****	****	***
* © > > * C O O * Z C C	* * * * * * * * * * * * * * * * * * *	0 14 10	404	0 8 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3947	9340	4331 4331	670	00 to
* # Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	* 0 0 0 * 0 0 0 * 0 0 0 0 0 0 0 0 0 0 0	5461	1933	800	ted ted Op. Op.	6- G	वंच		N.W.
10000	*	कर्म कर्म							
THE COLUMN TO THE TANK THE TRANSPORT THE TRA	*****			*****	*****		* * * * * *	****	***
* C C .	23400	0 55 55	0019	30 80 00 00 00 00 00 00 00 00 00 00 00 00	60 60 10 10 10 44	3300 3300 3300	11119	1000	C 80 80 9
* 4 4 E * C C Z Z Z * C C Z Z Z	23400 23400 23400	1791	6 6	йM		in in			•
**************************************	*								
****** *******************************	* *								
** * * * *	* O M 4 * * * * * * * *	00M	000		00M	000	ONM	0-0	ဝဝှင
*101010	# M # M # M # ON 4	700°C	36.0 1060 316.0	32000 30000 171.8	6.8 8.0 8.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	40°0 87°8 87°8	7 m 4	163.0
**************************************	. ¥ in ·¥ ·¥	~ 0.0	M	30 m		O			1
* * * * * * *	*	****	* * * *	****	*****	* * * * * Ø .*	****	*****	HCDRIS *
* C B C * C B C B C B C B C B C B C B C	* * * * * * * * * * * * * * * * * * *	я 307.	# M	10 80 0 M	π 40 Τ 1υ	ax √0 av €	140.	en Gr	13
* d F W	* I G	E SE	ru -	ŅĪ.	m or m	H	1 g	r G T	HCORIS DP 77
* C C C C C C C C C C C C C C C C C C C	* 1.6	5#	16		င္စီ	χō	IC	ro	xe ·
******	***	* * * * *	* * * * *	# # # # # un	*****	****	*****		* * * * *
**************************************	**************************************	9 9 4	7.89	O	ລ ເນ ⊶ • ດ. ຊ ຫຼ•ເນ	• W W W • & W • &	0 0 M	5.3 46.4 194	20 • O ∶
*FEX * *X	3 ★ O • # ~ : # W f0 ↔	0 C C M C M	OM O		120 27	OF OF	ณ์ ณ อ.ณ	20 2	202
* * * * * * * * * * * * * * * * * * *	* 0-10	***	120	10.0	M -	6 00 M ==	6 N	_m -	39 22 8 120 8
*****	* * * * * * * * * * * * * * * * * * *	* * * * *	* * * * *	****		¥υB.	¥		(F)
			6 6 7	zz W	a± >	×	282	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S. CR.
* 60	# # # # # # # # # # # # # # # # # # #	G South Yuba	. 2 Ü	2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 ×	> M 		តិខ		RESERVOIR PROSSER CR
* # #	* > 00 * 4 * m H	Ŧ	JORDAN LECT CO	33 A B	# ⊼ ∢ ©	MIDOLE	80	A P	E E
* Z X C	**************************************	© © 60 ×	JORDA	a ⊅	M FK YUBA Water agency		FORDYCE ELECT CO	BAY BEAR FLECT	IT O
* W C	* 0 L 0 L 0 L 0 L 0 L 0 L 0 L 0 L 0 L 0	381	+		3 -	SIG	 +	E) +	m X
A DRILARY CO. INAME OF SHARK A KARAKA KARAKA KARAKA WANDO KARAKA		SAISSUAD S	LAKE GAS	Dr «I	b }- 60 Z	JACKSON MEADOWS NEVADA NEVADA IRR DIST	LAKE FOROVCE NEVADA PACTFIC GAS	NEW DRUM AFTERBAY Nevada Be Pactfic gas + elei	PROBSER CREEK RESERVOIR NEVADA PROSSER CR US - MPRS
* D		8		ac ac	H0U.	N N N N	F DR	E 4 F ⊃ O	mi 4 3. Or Ox
* *	NANANANANAN DUHUN FLAT NEVADA IRR	ANT	AD.	GARDEN Nevada	HOUR HOUSE NEVADA YUBA COUNTY	JACKSON NE CADA NE CADA	LAKE FOR NEVADA PACTFIC	3 > U	PROBSER C NEVADA US - MPRS
# DC	**************************************	M S A A A A A A A A A A A A A A A A A A	FULLER L Nevada Pactfic	A E		AME	7 Z G	2 2 C	g Z ⊃
*****		***	* * * * *	****		****			* * * *
1 10 NO ***********************************	* C C	A6SPK9022 Cauo360 DRC I	5.48 5.48	0 m	16.00 16.00 16.00	0 10 4 20	0 kg	CA00421 DRC	W 1 0
* C C C C C C C C C C C C C C C C C C C	0.44-0.00 0.88-0.00 0.80 0.80 0.80 0.80 0.80	168PK9022 CAU0360 DRC]	9 00 0 00 0 00 0 00	OX CONTROL	CSPKO30 CAOO864 DRC	000 000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 V	CSPKO31 CA10179 DRC
* F F A C C C C C C C C C C C C C C C C C	* <	A 6.9	CAJSPKO298 CAOO351 S DRC	A 6.8	⋖	CACSPKO293 CACCRS4	CACSPK0299 CA00357 P DRC	CACSPK5002 CA00421 S DRC	CACSPKO313 CA10179 2 DRC
****** ******	****	****	* * * * *		U N	* * * * *		****	* * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,09

**************************************	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	* *	**************************************	* .°	**************************************	**************************************	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	*************	A A A A A A A A A A A A A A A A A A A
-> m m -			A C C C C C C C C C C C C C C C C C C C		* (101 101 101 101 101 101 101 101 101 101	ATION STATES OF THE STATES OF	(1000 S)	SECUENCE ACCOUNTS
A CANOPACACA	***	***	**************************************	*********	*****	*********	**************************************	****	X 120120165016 XANKAN
* CAOORSS *	* NEVADA * NEVADA IRRIGATIO	BEAR RIVER IRRIGATION DISTRICT	120 56.9	398.0*		11000	* 0.0000		u N
* 1				A	i	•	·		n U
	A SCUTTS FLAT		39 16.3	# # 00 02 14	* 0.001	O	**	155,93	**
* CA00253 *	IRP DIST	OFFICE CREEK	120 55	671.0*	156.8	1000	* 024429 *	6.4041	4
* 1		•	•	*		1 1 1	1		
* CA78PK0284	* HASHINGTON		39 20.9	x x	* 0*007	0	* *	7603.0	* *
* CAU0315 ;		SOUTH YUBA RIN	120 50.0	# # S M C L I	125600 +	19216	# 70154 #	108.37	
			u 2	ì		87261	n 7		* *
* 0000000000000000000000000000000000000		* 1	* ·	* 1	* 6	\$ 4 f	* :		*
-	PLACER	WPPER ROARDMA*	, t		200	0007	* * *	00	* 1
-	PACTFIC GAS AND	RIC		21.7*	* 0°099	2000	* 4434 *	>	
* *	* •	* 1	# 1	# 1	* 1		*		
7	AURIEN DAM		8 51.	THURSE	700*0 *	0	* * O	86054	* *
* CAU0044 *	∢	MERICAN MIVER	* £.8 151 982 *	* 0.055 2200.0*	* 0000002	637288	# 857968 # # 857968 #	102.63	
*		*	*	*	*		**		
* CACSPKO3955 *	CAMPFAR MEST	* *		α	* * 0.00	c	* *	4 4 0	* 1
CA00227	PLACER	BEAR RIVER	121 18.9 *	4	13000	6800	* 26900 *	N 20 20 30 30 30 30 30 30 30 30 30 30 30 30 30	
	A SOUTH SUTTER VATE	* LSIO KE	* * 082	40°24		6800	26900 #		16 T
77			i	: # 2:	1 - 12 ·		t -}t		
* CAUDO93 *	* COUN CHEEK * PLACER	COON CREEK *	121 13.4 *	# # 07	* 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0°	O In	* * *	M170.5	* 1
* S DRC I.*			•	*42.24	195.8 *	105	* 269		
* *		* *	* *	* *	* *		* 1		* 1
* CAJSPKO336 *	DUTCH FLAT NO.1	POWERHOUSE		. *	•	22000	* 54800 *	o	
	PLACEX PG AND E	HEAR RIVER *	1 4 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5P ************************************	* * M	00022	* C C 80 7 151	C	* 1
*		*	*		•	•	*		9
* CAJSPKO327 *		* *	Un.	* *	* *	12000	* * * * * * * * * * * * * * * * * * * *	c	* 1
* CA00352 *	PLACER	DRY CREEK	-	d.	* IS IS	0	*	o	
* S OFC *	PACTFIC GAS +	ECT CO *	* 60 61	*626*	•	12000	12000 * 66600 *		* G

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29.09

* ZGZ4R * DWZZ4 * HP ZZ * HP ZZ * HP ZZ					6		6		*
					•		•••• •		在 有 有 有 有 有 有 有 有 有 有 有 有 有
	k k k								*
		*****	****	****	*****	****	****	****	****
* F 80 C E 3	* C O	33°,164 491764	6 M 6 M 6 M 6 M 6 M	12914 6414000		7.73	4 . 6 . 6 . 10 .	13343	00 #
1	k k k * *	N ds	in or	9	0.4 R.F.	4 4 V N	5 N	<u>6</u>	*
* 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	* * * * 1	*****	*****	0 N N	000	* * * * * *	* * * * * 1	000	000 #
* - 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					000		6349	N N	# N 0 #
\$20°-555 \$20 \$20 \$20 \$40 \$40 \$40		*****	****	****		****	****		* * * * *
	* 0 0 0	000	000	000	80 BB	000	3270	44 0 @ @	6570 0 6570 *****
* * * * * * * *							M M		* * *
* X Z O * X B H H * * * * * * *	* * * * * * * *	* * * * * *	****	*****	*****				****
# # # # # # # # # # # # # # # # # # #	224°0 33700 639°0	20.04.0 4.00.00	74.0	0 88 4 0 0 8 0 0 6	2 4 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1113.0 34600 63.9	8 4 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9000 9000 47.7	400 400 400 400
* * * * * * * * * * * * * * * * * * *	# M M &				4 0 M	er M	संस्था	n or m	*
****	* * * *	*****	****	* * * 6	* * * * * * *		0	* * * * * *	* 0 *
+ 3X 503 975	* N:	. 0		N.			~		- M *
* T	* E N		H	*112	8 D I	~ a.	800	7	25 D I OP 1132
*****	** *** *** *** *** *** *** *** *** ***	80 HA IG		11.2			α σ .		* * * * * * * * * * * * * * * * * * *
****** *0. *0.	* * * * * * * * * * * * * * * * * * *	N	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	880 * I 1784 * I 72 * * * 1182	•	9.5 x CR 4.0 0.4 0.4 x 1.0 x 1	6.04 CDR		0
****** *0. *0.	**************************************	00 °C	* * * * *	*0 * 1 7*4 * 1 72 * * *112		6.5 6.5 4.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	00 00 00 00 00 00 00 00	C	20 0 1 1 20 0 M 1 20 0 4 20 0 4 20 0 4 20 0 4 20 0 4 20 0 4 20 0 4 20 0 0 0
*** * LATTUDE * LATTUDE * LONGHIUDE * DN. AREA * (D M. M) * (D M. M) * (S M. M)	**************************************	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 17 9 4 H I 20 35 9 4 DP 5 4 DP	* 38 88 8 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	77 * 39 19 19 19 19 19 19 19 19 19 19 19 19 19	8 56.0 x DR 21 1.0 x DR 34.0 x DR	4 0.84 08 4 08 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 39 0 1 # 50 D II CON* 120 44.6 # 09 A 120 44.6 # 110 4 129 # 110
**************************************	**************************************	X X X X X X X X X X X X X X X X X X X	A AMERA 120 MS-9 + T II	* 38 88 8 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	CORPER * * * * * * * * * * * * * * * * * * *	* 38 %6.2 % DR * 100 K M * 121 1.4 % DP 000 * 342 * 000 000 000 000 000 000 000 000 000	4 0.84 08 4 08 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # M O O # # # # # # # # # # # # # # #
**************************************	**************************************	X X X X X X X X X X X X X X X X X X X	THE AMERICA 35.9 * T. I. S.	CREEK * 121 17.4 * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	2416 CREEK * 120 10 5 1 CR * 120 CR * 1	* 38 %6.2 % DR * 100 K M * 121 1.4 % DP 000 * 342 * 000 000 000 000 000 000 000 000 000	CRK * 39 N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NAME OF A COLOR A COLO
**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	# 39 17.9 # H I TRI N FK AMER# 120 35.9 # OP ELECT CO # 5.4 #1	* 38 88 8 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	2416 CREEK * 120 10 5 1 CR * 120 CR * 1	A 30 956 A DR A MA 101 1 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NOBAY A TERRICAN A 120 044 6 4 10 0 1 4 10 0 10 10 10 10 10 10 10 10 10 10 10 1
**************************************	**************************************	* 39 12 2	* 39 17.9 * 1 I * 39 17.9 * 1 I * 120 35.9 * DP * ELECT CO * 5 * * * *	CREEK * 121 17.4 * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	2416 CREEK * 120 10 5 1 CR * 120 CR * 1	A 30 956 A DR A MA 101 1 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CRK * 39 N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NING THE CONTRACTOR OF THE CONTRACTOR TO CON
**************************************	**************************************	* 39 12 2	* 39 17.9 * 1 I * 39 17.9 * 1 I * 120 35.9 * DP * ELECT CO * 5 * * * *	* 38 58.0 * I CDON CREEK * 121 17.4 * * 112 * 72 * * * 112	HELL HOLE * 39 365 * 80 * 120 2464 * 0P * COUNTY LATER AGENCY * 114 *	2416 CREEK * 120 10 5 1 CR * 120 CR * 1	A 30 956 A DR A MA 101 1 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# 39 N.9 # 39 N.9 # 30 N.9 # 120 N.8 # 120 N.8 # 120 N.8 # 120 N.8 # 130 N.8	NITO VETTERDEAY OF A MO OF A SO DE S
**************************************	**************************************	LAKF ALTA TRI N FK AMER* 120 48.8 * DPPACER PACTFIC GAS + ELECT CO * * * * * * * * * * * * * * * * * *	LAKF VALLEY TRI N FK AMER* 120 35.9 * H I PLACER PACTFIC GAS + ELECT CO * 5 5 * * *1	LINCOLN	LOWER HELL HOLE PLACER PLACER COUNTY WATER AGENCY * 114 *	MARTIS CREEK LAKE * 39 19-5 * CR PLACER MARTIS CREEK * 120 6-7 * OP DAEN SPK * 40 * 1	NORTH FORK LAKE * 18 16.2 * DR PLACER NORTH FORK AM* 121 1.4 * OP DAEN SPK * 600	# 39 5.9 # 39 5.9 # PLACER PAGGE CRK # 120 48.0 # 13 6 # 1	TO ALCIENT AFFER THE REAL PROPERTY AND COLUMN TO ALCIENT TO ALCIENT THE SOLUTION TO ALCIENT TO ALCI
**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	* LAKE VALLEY * PLACES * PLACES * PACYFIC GAS + ELECT CO * * 5 * * * * * * * * * * * * * * * *	# LINCOLN	* LOWER HELL HOLE * 139 35 5 8 0 0 4 PLACEP PUBLCON R * 120 2464 5 OP * PLACER COUNTY *ATER AGENCY * 114 *	* MARTIS CREEK LAKE * 39 19-55 * CR * PLACER * 120 6-7 * OP * DAEN SPK * DAEN SPK * 140 *	* NORTH FORK LAKE * MS MG.2 * DR * PLACER * NORTH FORK AM* 101 1.04 * OP * DAEN SPK * M42 * 00	* PAGGE CRK * 120 40°0 * * * * * * * * * * * * * * * * * *	THE RALSTON AFTERBAY THE TOTAL TOTAL AFTERBAY THE TOTAL AFTERBAY THE TOTAL ATTER AGENCY TOTAL AGENT TREET AGENCY TOTAL ATTER AGENCY TOTAL AGENCY
######################################	**************************************	* * * * * * * * * * * * * * * * * * *	* LAKE VALLEY * PLACES * PLACES * PACYFIC GAS + ELECT CO * 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	# LINCOLN	* LOWER HELL HOLE * 139 35 5 8 0 0 4 PLACEP PUBLCON R * 120 2464 5 OP * PLACER COUNTY *ATER AGENCY * 114 *	* MARTIS CREEK LAKE * 39 19-55 * CR * PLACER * 120 6-7 * OP * DAEN SPK * DAEN SPK * 140 *	* NORTH FORK LAKE * MS MG.2 * DR * PLACER NORTH FORK AM* 101 1.04 * OP * DAEN SPK * M42 * 00	* PAGGE CRK * 120 40°0 * * * * * * * * * * * * * * * * * *	SPKO334 * PALSTON AFTERBAY AMERICANA 120 44.6 * S D I ACORSO * PLACER HER AMERICANA 120 44.6 * D D DRC * PLACER HER AMERICANA 120 44.6 * D D DRC * PLACER HER AMERICANA 120 44.9 * 1133
TO NO A DRILLARY CONTROL OF CONTROL OT CONTR	**************************************	KONSEN LAKE ALTA KAT N FK AMERA 120 48.8 4 DF RC R PACTFIC GAS + ELECT CO * * * * * * * * * * * * * * * * * *	330 * LAKF VALLEY 51 * PLACER 52 * PLACER 53 * FLACER 54 PACTFIC GAS + ELECT CO 55 * 55 * 55 * 55 * 55 * 55 * 55 * 55	320 % LINCOLN	A LOWER HELL HOLE A 39 3.5 4 8 D A PLACEP A PLACER COUNTY NATER AGENCY A 114 4	MARTIS CREEK LAKE * 39 19-5 * CR PLACER MARTIS CREEK * 120 6-7 * OP DAEN SPK * 40 * 1	338 * NORTH FORK LAKE * 38 16.2 * DR 10 * PLACER NORTH FORK AM* 12.1 1.4 * OP * DAEN SPK * M42 * 80	22.1 % PAGGE CRK * 120 40.0 % * 13.1 % PAGGE CRK * 120 40.0 % * 1 % PAGGE CRK * 1 % PAGGE	A RALGTON AFTERBAY S9 * PLACER THY KATERBAY THY

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.09

1 UM ~ 2	* * * * * * * * * * * * * * * * * * *	***	***	****	****	****	****	***	*****
* COXAG* (* COXAG* COXAG* COXAG* COXAG* COXAG* (* COXAG*	医乳医骨 医乳蛋白素 医乳蛋白蛋白蛋白蛋白 医乳蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白蛋白				in o				**************************************
	* * *	*****	****	****		****	****	****	****
# F W C C C C C C C C C C C C C C C C C C	######################################	24 80 44 80 80 80 80 80 80 80 80 80 80 80 80 80	80 m 80 m 80 m 80 m 80 m 80 m 80 m 80 m	00 00 00 00 00 00 00 00 00 00 00 00 00	M 10 10 10 10 10 10 10 10 10 10 10 10 10	15674 38.618	6517.6 107. B	2907.4 13379	39.201 652.76
		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	8) NI O 3 G O 3 G	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2017 217 217 24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000
K C C C C C C C C C C C C C C C C C C C			000	0 7 7 0 7 7 0 8 8 8 8 8	N N 90 00 00 00 00 00 00 00 00 00 00 00 00	120340 120340 120340	* * * * * * * * * * * * * * * * * * *	2 4 4 4 4 0 M M	C 0 0
		20 0- 00 00 00 00 00 00 00 00 00 00	* * * * * OO * OO * OO *	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4664 900000 1374 1374 1374 1374 1374 1374 1374 1374	M650 M16000 M5900 A 4 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	165° 101000 10000 10000 10000 10000	6. 0.0 0.00 0.00 0.00 0.00
*****	* * * * *								
	# 27	* * * * * * * * * * * * * * * * * * *	2	# # C # C	H 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 44 44 44 44 44 44 44 44 44 44 44 44 44	170 170 170 170 170 170 170 170 170 170	\$ 00 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2
	# 37 # 40 # 5	40 1.9 # 122 1.0 # 1229.55	39 50.88 * 50 50.11 50 50.88 5	& & & &	1 -61	494	314	0. 4.	139 36°9 * H IS S 129.00 * 50.
A STANDER A STAN		FALLS	VALLEY) * 39 52.8 * R 8 GRIZZLY C* 120 28.4 * PP * 44 * 38	GRASS VALLEY & 39 43,2 * II SO SON VALLEY * 121 1.0 * OF CONTINUE IN A 27 * OF CONTINUE IN A 499	VER US 054.0 T T T T T T T T T T T T T T T T T T T	VALLEY # 39 57.0 # 4 39 57.0 # 18 0.0 # 18 494	# 39 50.9 # IR # 39 50.9 # IR # FEATHER RI# 120 54.4 # IS # 202 # #314	* 39 55.4 * * 30 5 * 4 * * 30 5 * 4 * * 30 5 * 4 * * 30 5 * 4 * * 30 5 * 4 * * 30 5 * 4 * * \$19 5 \$ \$	4 4 9 36 6 9 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ARREADA PARA PARA PARA PARA PARA PARA PARA P		* 40 1.9 * 1.01 1.0 * 1.01 1.0 * 7.46 * 1.229	172LY VALLEY) * 39 52.8 * R S FIG GRIZZLY C* 120 28.4 * DP RES * 44 * 38	* 39 43.2 * 1 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 M M M M M M M M M M M M M M M M M M M	# 39 57 0 1 20 10 10 10 10 10 10 10 10 10 10 10 10 10	* 39 50.9 * IR * 39 50.9 * IR * 120 54.4 * IS * 202 * * 314	CREEK * 121 1.54 x 101 1.01 x 109.6	* 39 36.9 * * CREEK * 101 0.00 *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.10 PAGE 82 OF TABLE 1

* COTAC * COTAC	化假性食用 化水黄素 医乳蛋白素 医乳蛋白素 医乳蛋白素 医乳蛋白素 医乳蛋白素 医乳蛋白素		****				* * * *	* * * *	
* * * * * * * * * * * * * * * * * * *	* * * * * *	****	****	.9	****	9 m	***** ****	****	***
## W W W W W W W W W W W W W W W W W W	# # # # # # # # # # # # # # # # # # #	5166. 81.78	77 77 78 78 78 78 78	3223 148.1	51.38	136348	2133	681017	8998,76 25,678
* 0 > > * 0 0 0 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	6 W17 W 6 W 17 W 7 W 7 W 7 W 7 W 7 W 7 W 7 W 7 W		21757 21757 21757 21757		000	****	000	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *		4 4 0 4 0 4 0 5 8	44 44 604 600	10953	0 881	600	000	000	0 0 8 0 0 0 8 0 0 8 8 8 8
*****	000	* * * * *	4.4.4.4	006	005	****	* * * * *	000	* * * * *
* * * * * * * * * * * * * * * * * * *		184.0 100000 1678.4	245 47800 207.7	120°0 115000 2144.8	264.0 182000 249.7	106.0 318.37 29.9	40000 40000 67.9	9 9 9	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
# # # # # # # # # # # # # # # # # # #	* * * *	**************************************	* * * * * * * * * * * * * * * * * * *		980	136.0*	# # P = 0.00	* 1055 * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 0 0 1 4 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0
* CE	k I C	T H	H O	2	0 C	ပင်	ီ		10 *
* * * * * * * * * * * * * * * * * * *	* I C: * * * * * * *	****	######	. * * * * *	* * * * *	*****	****	N - 4	* * * * *
* * * * * * * * * * * * * * * * * * *	K T C	****	#####	40 0 W W W W W W W W W W W W W W W W W W	****	*****	* * * * *	80 10 10 10 10 10 10 10 10 10 10 10 10 10	* * * * *
* C		C* 120 34°4 * 130 34°4 *	51.55 # HI 52.0 # 18	• tr w	* MM 49°9 * * * * * * * * * * * * * * * * * *	34 34.0 ** 117 37.9 ** 22555 **	20 20 20 20 20 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8 15. 21 9. 30	本 100 mm t
A LATITUDE A PROPERT OF A LATITUDE A LATITUD		4 40 120 134 4 4 120 134 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MI # # # # # # # # # # # # # # # # # # #	• tr w	4 WW 4999 1174 2786 4 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 54.0 * 17 37.9 * * 2255 * *	20 20 20 20 20 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8 15. 21 9. 30	本 100 10 10 10 10 10 10 10 10 10 10 10 10
ACACACACACACACACACACACACACACACACACACAC		# 40 2.9 # CHANCE C# 120 34.0 # # 198 #	FEATHER RIS 120 URS A 100 URS OUT & 0.000 A 100 URS A 10	*****	* MM 49°9 * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	2 4 10 10 4 4 10 10 10 10 10 10 10 10 10 10 10 10 10	CREEK * * * * * * * * * * * * * * * * * *	本 100 mm t

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,10 PAGE 83 OF TABLE 1

THOUSE CONTRACTOR CONT		****	***			****			• • • • • • • • • • • • • • • • • • •
	* E T T T T T T T T T T T T T T T T T T								
	* * * * * * * *		****		****	****	****	****	***
- SC - C - C - C - C - C - C - C - C - C	*	60 M	00	~ h	P 4		W 4	00	61
10000 0000 0000 0000	E MANUEL	36.348 770.33		50 50 50 50 50 50 50 50 50 50 50 50 50 5	7 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	26. 181. 181.	4 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6		1030.6 37.161
< 80 * * * * * * * * * * * * * * * * * * *	*****	0 ~ ~ *	*****	000	**** OMM	* * * * *	****	****	0 W W
SEXION FRANCE OF SINCE OF SINC		व प		ณ ณ ณ ณ		20 40	ស ស៉ ភ ស		17 T S
	*****	0 P P	000	000	000	044	C 00 00 C 07	000	* * * *
H H H H H H H H H H H H H H H H H H H	表 中 水 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化	<i>स</i> स		មាមា	ïй M	e4 e4			3721
****		040	* * * * * OO®	000	000	****	****	000	* * * *
* * * * * * * * * * * * * * * * * * *	# TO OO	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	004 004	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	240 440 1840 184	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	*0 + 0
****	* * * * * * * * * * * * * * * * * * * *	* * * * *	* * * 5	****	* * * * *	****	* * * * *	* * * * *	* * * *
24 A A A A A A A A A A A A A A A A A A A	# 0 # 0 # # # # # 5	ICR IS *104	8 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	80 90 88	1.5 P	8 1 81	N 3	3	1 0P 8747
Cr O. * * * * * * *	* * * * * * * * *	* * * * *	****	****	****	****	****		***
* * * * * LATITUDE A * * * * CO A * * CO A *	# 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	14.00 14.00 14.00	9 41.5 241.5 210.1	4 58 9 58 9 48 21 8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10.0	N 24.0 NA.0 NA.0	20 M 20 M 20 M 20 M 20 M 20 M
AN SOCO	* F (1)	W # 00	37	110	110	W 47	E S	F 0	24 ± 0
Σ	****	X * * * *	2 2 2	****	****	の 改 明 : 本本本本	m ****	m * * * * *	SION AIR
STRE	* 5 * 6	N -		N E 2	NEZ.		i.i	C PB	COTTONWOOD DIVERSIDA SACRAMENTO RIA
en co en	* * * * * * * * * * * * * * * * * * *	TENE WCD	PESCADERO	► 4 A 57 A A	γ γ γ γ	R GATOS FCWD	m p m o	SOGUEL	0 & C
Σ 4 W 2 Σ α	# 0 # 0	D DBI NACIEMENTD COUNTY FOWCD	or m ev	SANTA KNEZ Barbara	0 4 0 0 4 0 0 4 0	LOS	ANDERSON LAKE CLARA COYOTE CRI CLARA COUNTY FCWD	90	COTTONWOOD
	* * X * C	H UN T		α <	Φ 4 Ω	1 d d d d d d d d d d d d d d d d d d d	NO D		TTO
50	* Z * Z H * D D	410 3 78 7 CO	0.0	80 80 80 80 80 80 80 80 81 80 81 80	H B B B B B B B B B B B B B B B B B B B	2 4 4 2 4 4 3 4 4	N N E E	CHU7	2 2
	* 9 Z G	E C C C C C C C C C C C C C C C C C C C	ADE	4 4	2 m m	2 4 4		اة ا 5	00 ★ 00 00 ★ 00 00 ★ 00
ELCA YEAN INC.	**************************************	NACTEMENTO SAN LUIS O MONTEREY C	PESCADERC San Kaher	GTBBALTER BANTA BARBA CITY OF SAN	LAKE CACHUMA-BRADBURY Santa Barbap Santa Ynez Doli Usbr	LEXTNGTON RESERVIOR SANTA CLARA SANTA CLARA COUNTY	RELTY Santa Santa	SANTA (ALATA SOLVE
*****	* * * * * *	****	****	***	* * * * *	****	****	* * * * *	* * * *
0 NO 0 NO 0 EP C 0 0 EP	**************************************	CACSPNOO28 CAOG12 S DRC I	CAESPNOG30 CAUGO31 S DRC I	CACSPL0128 CA00138 1 DRC	CACSPL1408 CA10136 1 SCP	CACSPNOO39 CAODS93 S DRC I	CACSPNOO40 CAOO294 5 DRC I	CA6SPNOO41 CAUCO30 S DRC I	CABSPKO405 CAOO226
	***	200	0 ⊒ 0	900 000 080	700	€ 6 E	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	400
FM 2 ID NO * PRIMARY CO. *NAME OF STREFF OF CODE CODE * STATE STREFE CODE CODE * STATE STATE STATE * S	* 0 T T C	ຸຄ∢ ຄ.∢	8 U	ອ ∀	& A C C	ი ა ∢	ပိပ်	φ <u>ζ</u>	& ∩ ⊗ ∢

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,10 PAGE 84 NF TABLE 1

	在在水板上,在水板上,在水板上,在水板上,在水板上,在水板上,在水板上,在水板上				M A				
***	* **** *	*****	****	****	***	****	****	****	
ANUL ANUL ANUL ANUL ANUL ANUL ANUL ANUL	**************************************	4562.8 717.80	3789.18 1.861	3614. 44.642	0.44 0.44 0.00 0.00 0.00 0.00 0.00 0.00	64610 687.47	4690.5 552.79	1082 06. 1082 1083 1083 1083 1083 1083 1083 1083 1083	
	**************************************		1769 1769 1769 1769 1869 1869 1869 1869 1869 1869 1869 18	190901	1117 1117 1117 1117 1117 1117 1117 111	**** CALAL SE SE SP S	* * * * * O 10 10 00 60 - 37 31 - 60 60	21 CO	* # # # # # # # # # # # # # # # # # # #
# # • • # @ @ •	4 000000000000000000000000000000000000	0 P P P P P P P P P P P P P P P P P P P	# # # # # # # # # # # # # # # # # # #	(A)	1440 1440 1470 1444 1444	4 4 4 4 4	1007001	22106 A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	本 D UND 12 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
*****	* * * * * * *	000	4 * * * *	****	****	****	****	****	****
*	# # # # # # # # # # # # # # # # # # #	130.0 400000 137.8	30.00 296.7	888 88000 887 7	715.0	265.0 1100000 207.7	113.0 175000 95.9	345.0 450000 323.6	20000 490000 171 8 4 1 4 8
****	* * * * *	****	* * * * *	***	****	****	***	****	***
* & & & & & & & & & & & & & & & & & & &	* * * * * * * * * * * * * * * * * * *	8,0,8 18 *155.7	*967*	#SH 9971 ■	10 90 88	1,C,R # 0M 0M 0M 4833,0M 4833,0M	- 80 24 00 20 20 20 20 20 20 20 20 20 20 20 20	CIR IS 248.0	0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
***	# M # M # B	8 1.8 1.8 1.8 1.8 1.8	41 11.0 * * 122 3.9 * * 967.4	- 4	80 #	•••	064	8	* * * * *
A4444444444444444444444444444444444444	**************************************	0 36.1 # 70.0 % SP 12.0 # 120 # 13.0	11.0 * * * * * * * * * * * * * * * * * * *	1000 X X OIL X V V V V V V V V V V V V V V V V V V	24-1 14-0 * * * * * * * * * * * * * * * * * * *	0 22.8 * 1,00,8 22 29.5 * 0M 395 * 453	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 19.9 * CIR 22 39.5 * IS 222 * 248	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,10 PAGE 85 OF TABLE 1

* * * * * * * * * * * * * * * * * * *		* * * * *	* * * * * To	* * *.*	* * * * * * C	* * * * * * * * * * * * * * * * * * *	****	***	* * * *
**************************************	K K K K K K K K K K K K K K K K K K K								
* * * * * * * * * * * * * * * * * * *	* * * * * *	****	****	****	****	****	****	* * * * *	***
**************************************	* * * * * * * * * * * * * * * * * * *	6569.5 634.74	00	13670	1979.5 14.869	1250 8 • 5581 4 4	43389 443.98	18670	3913.9 811.94
**************************************		10349 * * * * * * * * * * * * * * * * * * *	719878 * 19878 * 19878	7345H 7345H 7345H 7345H 7345H 7345H 7345H 7345H 7345H 7345H 735H 735H 735H 735H 735H 735H 735H 73	133671 1331231 156797 * * * *	14459522 1455953 1455953 145595 145595 14559 145	977700 977700 ****	00 00 00 00 00 00 00 00 00 00 00 00 00	* * * *
* * * * * * * * * * * * * * * * * * *	K K K K K K K K K K K K K K K K K K K	114000	141444	0 8 105036 1	3000 39475 42475	23.745	0 849 90 90 90 90 90 90 90 90 90 90 90 90 90	3200 3200 3200 3200 3200	747
* * * * * * * *	# # # # # # 00 00 00 00 00 00 00 00 00 00 00 00 00	280.0 * 331000 * 256.7 *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 0000 000 000 000 000 000 000 000 00	11150.00.00.00.00.00.00.00.00.00.00.00.00.0	* * * * * * * * * * * * * * * * * * *	251.00 35400000 x 295.00 x	210.02.00.01.00.00.00.00.00.00.00.00.00.00.00.	185000 * * 160000 * * 160000
* •	K * * * * * * * * * * * * * * * * * * *	CIR IS 104***	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	H UP *214,7*	H 0P #00000	* * * * * * * * * * * * * * * * * * *	# # # # # 0 0 10 10 10 10	* * * * *
CANTUDE CO MARKA CO MARKA CO MARKA CO MARCA CO MARCA CO MARCA CO MARCA CO MARCA	* * * * * * * * * * * * * * * * * * *	40 27.0 ***	40 W8-8 122 37-51 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	40 31.9 122 31.0 228 31.0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	40 40 20 121 121 121 129 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	41 7.8 4.2 4 4.2 4 4 4.2 4 4 4.2 4 4 4.2 4 4 4.2 4 4 4.2 4 4 4 4	40 22.4 * 122 16.5 * * 877 * *	40 22 8 * 122 32.7 * 247 *	40 32.7 **
* Z	* * * * * * * * * * * * * * * * * * *	NORTH FORK COR	ARB POWERHOUSS TRINITY RIVERS *	70 BA B B B B B B B B B B B B B B B B B B	CUSE N FK COW CRA FLECT.	** MCCLOUD RIVER* ELECT CO **	COTTONWOOD CR#	MIDDLE FORK C**	* ** *********************************
######################################	AKKKKKAKAKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	HULEN LAKE Shasta	JUDGE FRANCIS CARB Shasta TRIN US - WPRS	KANAKA Ghasta Cl	KILARC POMEGHOUSE SHASTA PACTFIC GAS + ELE	LAKE MCCLOUD SHASTA PACIFIC GAS + ELE	LOWER COTTONNOOD (M-1) SHASTA COTTONW	MID+1 GHASTA	MILLVILLE LAKE Shasta
*	**************************************	** CA68PK0387 ** CAU0150 ** 5 DRC E **	CAHSPK#139 * * * * * * * * * * * * * * * * * * *	* CA6SPK0388 * CAU0170 * CAU0170 * * S DRC I * *	CAGSPKO422 * CAGSPKO422 * CAGSO11 * * CAGSO11 * * * * * * * * * * * * * * * * * *	* * CACSPKO416 * CAOO416 * * DRC * *	** CA68PK0389 * CAU0192 * 5 DRC E *	CA68PK9017 * CAU0204 * * 5 DRC E * *	TAGESPKO392 * CAUC211 * CAUCACACACACACACACACACACACACACACACACACA

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,11 PAGE 86 OF TABLE 1

化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	化苯酚苯酚苯酚苯酚苯酚苯酚苯苯苯酚苯酚苯酚苯酚苯酚苯酚苯酚苯酚苯酚苯酚苯酚苯酚	· 医克里斯氏试验检检验检验检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检	我我我我我我我我我我	* 0	· 一种型。 20 mm 1	在本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	在中央市场的企业中的中央企业中的中央企业中的企业工作。	* * *	· · · · · · · · · · · · · · · · · · ·
	PRIMARY	DF. STREAM	* CONGITUDE * DR.AREA	AVE. D APER. 10.	2. 2. 2. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	HINCH HOTE COAP	AINCE BERNAMENCE AND	- 80 C	* * * 1
* STIE		1	(SO M M)	(CFS) *	(AC FT) (FT)	33	(E3E)	e I e	2 Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
A68PK039	**************************************	ARKERERERERERERERERERERERERERERERERERERE	×	k K	247.0	0095		**************************************	***************************************
* 10 020 0 *			F 9	*261.9*	209.7	3800	* 20080 *		* *
** 00%0308447	(A) 		7 00 07	* *	# C 58 %	c	**	41176	* 1
* CAU0193 *	SHASTA	NORTH FORK CO.	122 52	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1625000	61901	2 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	614.57	x - 4x − 6
2 .			7		D	10610	K *K		* *
	3 E C T C T C T C T C T C T C T C T C T C		بم م ح	* 1	3		* 4	000	* 1
CAU0227		ULD COW CRK	• LC	. *	18000	273	* 2198 *	1365.7	r +x
* 3 ORC S *			7.5	*5.46=	# N.	273	5		* *
. *				* *			*		. 4
_	* PALM CEDAM RESI	AESERVOIR	- e M	* 1	0.00	0 10 00	* 1	7020.6	* 1
* 5 080 6 *	# - CV ED -		u u	*0*665*	7.5	2987	2007c *	0 7 7	
*		:		*	7		*		*
* CAJSPKO413 *	* PIT NO 1 FORERAY	· > 4		* *	0.03	26000	* 264100 *	0	**
* CA00405 *	SHASTA	FALL RIVER	121 26.8	,	2600	0 0 0	* 0	0	
, ,	r. e g		0	* 27 / 1	7	00000	# 007±000 #		* *
				*	r		*	. !	*
* CACSPRO418 *	A DIA NO S DIVERBION	SION SIT OTVES	40 10 4	* *	0.00		* * * * * * * * * * * * * * * * * * * *	10.761	* *
* 5 DRC *	* PACTFIC GAS +E		4711	2931,0*	400	1.61	# 107	2	: 4x
* 1				* 1	•		* 1		* 1
		_	0		10.01	0	* * * * * * * * * * * * * * * * * * *	3702.8	
* CAU0245 *	A SHASTA	PIT PIVER	121 33.9	* 1	0 4	13394	* 67000 *	54.54 54.04 54.04	* 1
2				2	•	1	*		T #E
	1 3 3 1		F	*			*	4	*
* CAGSPKOS98 *	A SAEL TZER LAKE	אנו היים אינו אנו היים היים אינו	40 34.4	* *	000000	2151.0	* 0 4474	11 40 5 1 1 40 5 1 4 4 5	* *
* S DRC S *			i Mi	* *333.1*	204.7	21519	* 33765 *		: #:
*	*			* 1			* 1		***
* CA6SPK0399 *	* SALTMAN (ME3)		40 22 6	K *K	190.0	0	0	34210	* *
	A SHASTA	NORTH FORK CO.	* 122 24 5	* 40 % 04 %	620000	100 mm	4 61531 4	555.98	# 1
A 2 O C C A A A A A A A A A A A A A A A A A	K 3. DC.) T K A. DC. DC. DC. DC. DC. DC. DC. DC. DC. DC			·	*******	***************************************	************	**********	· 电电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,11 PAGE 87 OF TABLE 1

COT LITE CODE STATE CODE STATE CODE CODE CODE CODE CODE CODE CODE COD	FM 1 10 NO * PRIMARY CO. TNAME OF STREAM ACTV DEP * CODE * CODE * STREAM STATUS * STATUS *	-	CONGITUD DR.AREA (D M.M) (SO.MI)	VE. B		0 D 0 D 0 D 0 D D D D 0 D D D D 0 D D D D 0 D D D D D 0 D D D D D 0 D D D D D D 0 D D D D D D 0 D D D D D D D 0 D D D D D D D D 0 D D D D D D D D D 0 D D D D D D D D D D 0 D D D D D D D D D D D D D D D D D D D	# INC. BNERGY # INC. CAST. CAS	E CO	* GRC NONECONOMIC* * GRC COMPOSITE* * (SEGUENCE RANK) * * (SEGUENCE RANK) *
* * * * * * * * * * * * * * * * * * *	**************************************	AMARANANANANANANANANANANANANANANANANANAN	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	**************************************
CAISPKO425 A CA10186 A S DRC	SHASTA LAKE SHASTA US - WPRS	SACRAMENTO RIA	40 43.0 122 25.2 6665	MOSINCRO OD 100 160 W 00 V	4	4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12638 95.163	****
CASSPKO401 x CAU0291 x 6 DRC I x	SUGAR LUAF SHASTA	MAT CREEK	40 44.0 121 26.0	* * * * * * * * * * * * * * * * * * *	0 4 0 4 0 4 0 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	1472.8 34.779	****
CA68PK0402 x CAU0303 x S DRC I x	TOWERHOUSE SHASTA	CLEAP CREEK	40 40.0 122 37.9	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		309 508 508 508 508	****
CA6SPK0403 a CAU0308 a S DRC I a	VACACILLA SHASTA	**************************************	122 38.4 998	******	166.0 1500001 101.0 ***	6 4 4 1 1 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3029.1	****
CAGSPKO423	VOLTA POWERHOUSE SHASTA PACIFIC GAS AND	WERHDUSE ## MILL SEAT CRE# GAS AND ELECT. ##	40 27 4 121 52 3	T.O	12552	1000	* * * * * * * * * * * * * * * * * * *	135.52 27.108	~ * * * * *
CACSPKO427 ** CA10204 **	WHISKEYTOWN F SHASTA US - MPRS	RESERVOIR CLEAR CREEK **	40 35.9 122 32.9 201.	# # # # # # # # # # # # # # # # # # #	241100 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0000	* * * * * * * * * * * * * * * * * * *	331, 9 19,103	****
CAJSPKG025 CA10204 S DRC	WHISKEYTOWN DIVERSION * CHASTA * CO * VPRS	DIVERSION SPRING** CLEAR CREEK **	40 31.0 122 32.5 201	2000 2000 2000 2000 2000 2000 2000 200	0.00 mm m	150000	60 00 00 00 00 00 00 00 00 00 00 00 00 0	CC	****
CA6SPKN404 * WILL DW CAUO319 * SHASTA SQUAW VALLEY S DRC I *	* WILLOW * SHASTA *	SQUAW VALLEY *	41 9 4 122 9 9		291000	O M M		\$ 50 50 50 50 50 50 50 50 50 50 50 50 50	* * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC PUWER STUDY TIME 22,29,11 PAGE 88 OF TABLE 1

FM 2 ID NO * PRIMARY CO. NAME OF STREAM *LONGITUDE ACTV OFF 4 DR APEA	: IX : CL :	A THE CASE A STATE OF THE	EXIST.CAP. INC. CAP.	* XXIX XXIX XXIX XXIX XXIX XXIX XXIX XX	*ANUL. COST *ENERGY COST	*EXIST.ENRG*ANUL. COST *ERC ECONOMIC *INC.*ENERGY*ENERGY COST* ERC AUNECONOMIC *INC.*ENERGY*ENERGY** FRO COMPONITE
* * * *	* (CFS)	* * *	333	* * (IZZX) * * *	(1000 B)	* (SEGUENCE RANK) * (SEGUENCE RANK) * (SEGUENCE RANK) *
**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	********** 0 0 447607 447607	**************************************	******** - 18007 10 0000	******
* 39 30.9 * 39 30.9 FK YUBA RIV* 121 1.0	* * * * * * * * * * * * * * * * * * *	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 160011 160011	* * * * * * * * * * * * * * * * * * *	60 60 60 60 60 60 60 60 60 60 60 60 60 6	O N
# 39 33.5 COLD STREAM * 120 20.9	****	157 21000 135 135 135 135 135 135 135 135 135 135	C M M	* * * * * * * * * * * * * * * * * * *	3827.3	***
* 39 42.0 CARMEN CRK * 120 30.0 89	1	2 * * * * * * * * * * * * * * * * * * *	000	****	3459.0 13215853	* * * * * *
* 39 28.0 LITTLE TRUCKE* 120 6.2 * 150	COP 1700 00 17	* * * * * 0 00 0 0 00 0 0 00 0 0 00 0 0 00 0 0 00 0	000 d	* * * * * *	251.74 2.514	****
* 41 57.0 * 122 25.2 * 4300	* * * * * * * * * * * * * * * * * * *	11 15 15 15 15 15 15 15 15 15 15 15 15 1	30000	139157 * * * * * * * * * * * * * * * * * * *	66	* * * * *
* 41 55.0 XLAHATH * 122 26.0 * 4573	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11 12 13 13 13 13 13 13 13 13 13 13 13 13 13	200000 0 200008	* * * * * * * * * * * * * * * * * * *	CC	***
* 41 14.0 * 41 14.0 * 122 1.9	****	00004 00004 00000 00000 0000	0 80 80 80 80 80 80	* * * * * * * * * * * * * * * * * * *	20 20 20 20 20 20 20 20 20 20 20 20 20 2	***
***			90786	****	6746.5	* * * * * * *
•		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	264 x = 2090 y x + 4449 s 0 x x x 441 518 s 8 x 110 x x x 1210 0 0 x x 122 0 0 4 x 1500 0 x x x x x x x x x x x x x x x x x	264 4 = 2999, 4 = 44995 4 + 9836 4 4 41 58 8 4 HC	本 1 264 な = 299 * * 449 * 5 * * 9836 な 66102 な 4 449 * 5 * * * * * * * * * * * * * * * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,11 PAGE 89 OF TABLE 1

NO CONTRACTOR SERVICE	化化化物化物化化物物化化物物化化物化化物化化物化物化物化物化物化物化物化物化物化			801 LO			o	У В .	3. 80
CSE CE	* * * * * * * * * * * * * * * * * * *								
# (0000 %) # (00 (00 %) # # (00 (00	* * * * * * * * * * * * * * * * * * *	1276419627 **	*********	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00	4	676 678 688 888 888	200 240 200 200 200 200 200	* * * *
OF DE		0.00 (U.R.) COLI 04	0 0 0 0 0 0 0 0 0 0 0	20 C C C C C C C C C C C C C C C C C C C	****	W 658	15021 15021 15031 15031 15031 15031	666 72 72 74 74 74 74 74 74 74 74 74 74 74 74 74	* * * * * * * * * * * * * * * * * * *
0333 P P P P P P P P P P P P P P P P P P		11 11 11 11 11 11 11 11 11 11 11 11 11	0.00	21694 21694 21694 24 24 24 24 24 24 24 24 24 24 24 24 24 2	000	****	# # # # # # # # # # # # # # # # # # #	* * * * * *	* * * * O
PWR. 940R. 4 (AC F1) 4 (AC F1) 4	X 000 00 00 00 00 00 00 00 00 00 00 00 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1500000 1500000 1500000 1500000 15000000 1500000000	381000 # # # # # # # # # # # # # # # # # #	M 14.0000	4 4 4 4 4 0 0 0 0 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	** * * * 000 * 000 m m m	# # # # # # # # # # # # # # # # # # #
AVE. G		00 00 00 00 00 00 00 00 00 00 00 00 00	0.01 110 110 0.04 0.04	20 00 10 50 80 81 80 80 81	# # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	1327°0*	H 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # #
# # [CONGHIUDE # # CO # # # #	41 55 6 122 25 5 4 300	38 4.9 122 4.9 79.9	88 88 88 88 88 88 88 88 88 88 88 88 88	38 42.0 123 0.0 130 1	38 48 183 00	37 55.0 120 50.3 1019	37 49.9 120 38.7	37 39 4 120 40 8	37 36.7 x 120 35.5 x
* FM 1 IO NO * PRIMARY CO. "NAME OF GTARAM * ACTV DEP * CODE * * CODE * * * FILE * * FILE * * STATUS * *		** BIG SULPHUR C*	MAACAMA CREEKA	200 200 200 200 200 200 200 200 200 200	** * * * *	** CITTLE JOHNS **	STANISLANS STANIS	TA TUOLUMNE RIVERT	TUDLUMNE RIVE*
PRIMARY CO. TANAME	CORCO NO.1 STORED NO.1 STORED NO.1 STORED NO.1	BIG SULPHUR SONOMA CORPS	KNIGHTS VALLEY SONOMA CORPS	MARM SPRINGS DAM SONDMA CORPS	WARM SPRINGS DAM Sondma Corps	EUGFNE Stanislaus	XZIQITO TORDAY OHAZIGIALO	MODESTO RESERVOTA * STANISLAUS TUDL * HORESTO IRR DIST	TURLUCK LAKE STANISLAUS TUDLUMNE RIVI TURLUCK IRR DIST
FM 1 10 NO * ACTV DEP * CODE CODE * FILE * STATUS *		CAESPNOOUS * CAUODES * S DRC I *	CAESPNOOS2 * CAUGO24 * S DRC I *	CACOPNOO44 ** CATON47 ** ORC I **	**************************************	CA4SPK0436 x CAU0118 x S DRC I x	CASSPKO437 # CAUO177 # P ORC I #	CACGPK1378 * CACGR43 * DRC *	CAISPK1379 * CAOS279 * S DRC *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,11 PAGE 90 OF TABLE 1

* 2024E	化有收缩 化化物 化水子 医水子 化二甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲				8 0				**************************************
**************************************	* * * * * 1 * * * * * 1	• * * * *	****	*****	****	****	****	****	****
# # # # # # # # # # # # # # # # # # #	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 W W W W W W W W W W W W W W W W W W W	시 보 지 보 전 NU 전 NU	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2205 2005 2007 2007	1613	24 010 010 010 010 010	11038 61.902 ****
*	**************************************	114787	60169		07.00.00 0.00.00 0.00.00 0.00.00 0.00.00 0.00.0	044		44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	在 以外的 2000年 在 以外的 2000年 在 以外的 2000年 在 以外的 2000年 在 2000
* * * * * * * * * * * * * * * * * * *		**** On in or in or in or in	* * * * * * O M G M G M G M G M G M G M G M G M G M		* * * * * O T T O T T T N N	000	M W W W	0 9 9 M M N N	2000 100 100 100 100 100 100 100 100 100
*****	****	000	* * * * *	****	000	000	****	***** 000	00M
* 4 4	# W W W W W W W W W W W W W W W W W W W	33. 3700 1146	246.0 92000 191.8	0.00 W.	140°0 370000 96°9	88 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10.0 0 827.1	15.00 M	N 100000 1000000 1616**
* I	* * * *	****	* * * * *	* * * * *	* * * * *	****	****	****	****
**************************************	* * * * * * * * * * * * * * * * * * * *	ກ * 116.	c Is *527*	C.R.S	CIR OP 590.	OF BOOM	80 80 81		I ***
*****	* On * * * * * * * * * * * * * * * * * *	0 40	# C # 13 # 527*	* * * * * * * * * * * * * * * * * * *	1 * CITA 1 * CP 5 * * CS	* * * * * * * * * * * * * * * * * * *	# # # # # 0 # # # # #	© 8 9 10 11 11 11 11 11 11 11 11 11 11 11 11 11	T 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
*****	A SESSESSES SESSESSES SESSESSES SESSESSES		527.	****	1 * CIR * CP * S90	* * * * * * * * * * * * * * * * * * *	AU OO OU B	O (0) F (1)	40 90 0 x 1 121 39 0 0 x 1 1 29 0 0 x 1 1 29 0 0 x 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2
A (No	AND AND ONL A STREET AND AND A STREET AND ONL A STREET ONLOT A STREET AND AND A STREET AND A STR	ANTELOPE, SALT 122 1150 # C 48 # #116	18.9 * C 286.8 * IS 381 * *527.	10.6 # C.R.G	# # # # # # # # # # # # # # # # # # #	9 9.0 * CITA PI 558.4 * 10 570 * 16	0 3.9 * * 21.48.9 * * 820.2	A CARREX VOITA * 40 101.0 4 40 101.0 4 40 101.0 4 40 101.0 4 40 101.0 4 40 101.0 4 40 101.0 4 40 101.0 4 40 101.0 4 40 101.0 4 40 101.0 4 40 101.0 4 40 101.0 4 40 101.0 4	(PH NC.1) & 400 9.0 & T CERT CRX
A T C C C C C C C C C C C C C C C C C C	A COUNTY A C	ALT 122 11.0 % C 48 4116	* 40 18.9 * C * 40 18.9 * C * 122 26.8 * IS * 381 * * 527.	CAREE 122 7.8 # E297	* 39 49.1 * CIR * 122 20.1 * CP * 736 * C90	CREEK * 121 550.4 * 13	# 40 3°9 # 0EER CRK # 121 48°9 # # 125 48°9 # # 125 48°9 #	PESENVOIR* 40 155,9 * CREEK * 121 26,2 * 13 50 * + 60 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,12 PAGE 91 OF TABLE 1

* U O & < & .	**************************************	****	***		****	****	****	****	***
MENT (9 00 00 00 00 00 00 00 00 00 00 00 00 00		1.00 to 0.00 t	0.7. 0.7. 0.7.	in in 10 in	0.00 0.00 0.00 0.00 0.00 0.00	4592.6 511.46	00	47610 42,932	1837.1 483.
	* ************************************	6 6 4 4 0 10 10 0 10 10	4 4 4 4 4	**** ONM OOO 313 MM		****	4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11.000.01 11.000.00 11.000.00 11.000.00	
MMH MACH M	E E E E E E E E E E E E E E E E E E E	1010 1010 114		0 MM	M M M M M M M M M M M M M M M M M M M	UN 00 00 00 00 00 00 00 00 00 00 00 00 00	8 8 00 00 00 00	8824271 884271	6.65
*****		24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11 11 11 11 11 11 11 11 11 11 11 11 11	#### 000 ####	M M M M M M M M M M M M M M M M M M M	2004 2004 3004 3006 000 2008	M77 00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1550000 # # # # # # # # # # # # # # # # #	000 00 00 00 00 00 00 00 00 00 00 00 00
# # # # # # # # # # # # # # # # # # #			*297.6*	IS 180.05	104.01	* * * * * * * * * * * * * * * * * * *	T. G.O. 9.4 W.	11420.054	CC (C) (C) (C) (C) (C) (C) (C) (C) (C) (
K CL	*				***	* * * * *			
****	44444444444444444444444444444444444444	39 59.0 x 121 56.9 x 184 x 1	40 10 0 4 4 4 10 10 10 10 10 10 10 10 10 10 10 10 10	120 9°2 122 35°2 132 35°4	40 1.5 122 30.4	120 120 120 120 120 120 120 120 120 120	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	40 13.8 122 11.7	40 0 0 0 1 1 2 2 0 0 0 0 0 0 0 0 0 0 0 0
A		4 39 39 00 0 4 39 39 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Μ ↔	* 40 9.2 * 40 9.2 * 132 35. * 132	• 0 M	* 40 12.8 SOUTH FORK CO* 122 31.	* 40 24.0 HTH FORK BA# 121 58. LEGT. * 292	SACRAMENTO RIS 122	PAYNES CREEK # 122 0.0 4 4 92 4 5 0.0 4 4 9 92 4 4 92 92 4 4 9 92 4 4 9 92 4 4 9 92 4 4 9 92 4 4 9 92 4 4 9 92 4 4 9 92 4 4 9 92 4 4 9 92 4 4 9 92 4 4 9 92 4 4 9 92 4 4 9 92 4 4 9 92 4 4 9 92 4 4 9 92 4 4 9 92 4 4 9 92
A	200	# 39 59.0 BRUSH CRK # 121 55.	ANTELO# 122	# 40 9.2 FORK CO* 122 35.	CREEK # 122 30	# 40 12 8 FORK CO# 122 W1.	* 40 24.0 1011	* * * * * * * * * * * * * * * * * * *	CXEEK * 40

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.12 PAGE 92 OF TABLE 1

* * * * * * * * * * * * * * * * * * *	***************************************	****	****	****	****	****	****	****	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	5017 166 9 9 4	2000 2000 2000 2000 2000 2000 2000 200	1372.24.949	11855 11866 10866	295.86.8	20047	65577 1163.1	80 8
* * * * * * * * * * * * * * * * * * *		# # # # # O # # # # O O O M M M	30379 30379 30379 30379		24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 004 004 006 000 4 4 4 4 4	* * * * * O O O O O O O O O O O O O O O	**** 0.00 0.00 0.00 0.00 0.00 0.00 0.00	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *	**************************************	17296	4 4 5 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10000	10001	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	210 210 210 210 210
****	* * * * * * * * * * * * * * * * * * *	400000 400000 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1233 129600 1997 8 * * *	W W W W W W W W W W W W W W W W W W W	M 1 00 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000 0000 0000 0000 0000 0000	**** 000 000 ****	# # # # # 000 * 000 * 000 * 000 * 000 * 000 *	UI III III II
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * *	SHOCK IN EAS A + CO	17 0.00 44.00.00	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # #	CO170 DX DX DX DX	* * * * * * * * * * * * * * * * * * * *
	* * * * * * * * * * * * * * * * * * *	60 00 00 00 00 00 00 00 00 00 00 00 00 0	39 52.5 4 122 33.0 4 194 4	40 13.0 * 122 10.7 * 9022 * *	40 16.5 * 122 33.1 * 127 *	40 6.3 122 32.7 49 44	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	40 19°7 122 26°0	# 40 10 4 CO# 120 33 4 #
* E * W * H * W * H * W * H * W * H * W * H * W * H * W * H * W * W	**************************************	11011 CATION CAT	4 X X Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	A VERMINATION OF A STANDARD AND A STANDARD AND A STANDARD A STANDA	* * * * *	200 08 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	SGUTH FORK COS	SOUTH FORK COS	SOUTH FORK CO.
# C.	ANARAGANANANANANANANANANANANANANANANANAN	DASKENTA Tehama	TAN STEEL ST	RED BLUFF TEHAMA. US - WPRS	ROSEWOOD LAKE TEHAMA	SCHOENFIELD	U HELAMA	TEHAMA RESERVOIRS	CA6SPK0463 # TOM HEAD LAKE CAU0302 # TEHAMA S DRC E #
10 NO # 10 NO # 10 NO CO	**************************************	CA63PKO4557 # CAU024557 # CAU02455 # URC EC # # URC EC # #	CA6SPK0458 * CAU0239 * 5	CACSPKO467 * CA10181 * PFC *	CA68PKO459 * CAUORS8 * S DRC E *	CA6SPKO461 * CAUDRS *	CA6SPKO460 * CAUCES1 * S DRC E *	CA6SPKO462 * CAUCROS * CAUCRO * CAUCROS * CAUC	CASSPKO463 * CAU0302 *

DATE 14 FER 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.12

* * * * * * * * * * * * * * * * * * *	* * * * * * * *	***	****	*****		****	* * * * * *	* * * * *	***
* 20246	**************************************					0	M.		
# # # # # # # # # # # # # # # # # # #	** ** ** **								
本日 セ * * * * * * * * * * * * * * * * * * *	* * * * *	****	****	*****	****	****	****	****	***
######################################	# # # # # # # # # # # # # # # # # # #	39.00 39.00 34.00 34.00	264 345 364 365 365		20276 50.166	00	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2874.2 16927	6.9002 1.3002 4.804
* * * Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	************	4	1969	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	404179	* * * * *		****	20 ED
* 004000 * 446	**************************************	106000 213661 319661	0 0 0 0 0 0 0 0 0 0 0	101 101 101 100 100 100 100 100 100 100	096868	# # 0000	IN IN B B B B B B B B B B B B B B B B B B B	C / 1	C N N 80 80 97 97
*****	* * * * * *	000	****	000	000	000	000	0000 0000 0000 0000 0000	001
* * * * * * * * * * * * * * * * * * *		01 24 24 24 20 20 20	160	600 600 600 600 600 600 600	1980 1980 1980 1980	7 367	00098 00098	0 N ~	212.7
* * * * * * *	* * * * *	****	* * * * *	****	****	****	****	C	****
* 2 0 0	* * *	6.0	. 6	-	37.	66	73.	· ·	9
# # # # # # # # # # # # # # # # # # #	**************************************	11H 00P 1640	. 64	4	647.1	•	CIR OP S73.	I AND R	T T T T T T T T T T T T T T T T T T T
****	* ************************************	.1 * 1H 52 * 0P 42 * 1640	* * * * * * * * * * * * * * * * * * *	9-1 * CITRO 8-83* 10 79 * 684	****	10 ****	.0 * CIR 0.2 * OP 61 * SY	I A N N N N N N N N N N N N N N N N N N	* * * *
****	#	**************************************	* * * *	*1 * * * * * * * * * * * * * * * * * *	****	10 ++++	* * * * * * * * * * * * * * * * * * *	H T T T T T T T T T T T T T T T T T T T	# # # # #r
** (# 100 000 # 4 100 000 # 4 100 000 000 # 4 100 000 000 # 4 100 000 000 # 4 100 000 000 # 4 100 000 000 000 000 000 000 000 000 0	ER 122 45.7 * 0P	** 36 27 0 0 * 4 118 46 9 * 67 4 * 67 4 * 667	* 35 59.1 * CINRO * 110 20.5 M 10 * 110 719 * 6044	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A 36 27 7 4 H AH 118 51 7 4 D * 166 4 09	* 36 25.0 * CIR R * 119 0.2 * SP * 561 * 573	* WS 40.0 * I AND K* 110 %.0 * I AND W4 * 150 W4 * 150 W4 * 150	4 35 15 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
** (# 100 000 # 4 100 000 # 4 100 000 000 # 4 100 000 000 # 4 100 000 000 # 4 100 000 000 # 4 100 000 000 000 000 000 000 000 000 0	1VER* 122 45.7 * 0P	XAX WD NV O X X X X X X X X X X X X X X X X X X	* 35 59.1 * CINRO * 110 20.5 M 10 * 110 710 * 6044	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	XAMEAH 118 51.7 * T	DAM * 36 25.0 * CIR RIVER * 119 0.2 * OP * 561 * 573	* WS 40.0 * I AND K* 110 %.0 * I AND W4 * 150 W4 * 150 W4 * 150	4 35 15 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
######################################	# 100 000 # 4 100 000 # 4 100 000 000 # 4 100 000 000 # 4 100 000 000 # 4 100 000 000 # 4 100 000 000 000 000 000 000 000 000 0	1VER* 122 45.7 * 0P	# M6 27 0 4 FORK KAM* 118 46 9 4 8 82 4 657	# 35 59.1 # CIMRO RIVER # 118 20.58# 19 # 779 # 6544	71VER * M6 0.00 x x x 1110 C0.00 x x x x 1110 C0.00 x x x x x x x x x x x x x x x x x x	XAMEAH 118 51.7 * T	DAM * 36 25.0 * CIR RIVER * 119 0.2 * OP * 561 * 573	* WS 40.0 * I AND K* 110 %.0 * I AND W4 * 150 W4 * 150 W4 * 150	4 35 15 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
######################################	# 100 000 # 4 100 000 # 4 100 000 000 # 4 100 000 000 # 4 100 000 000 # 4 100 000 000 # 4 100 000 000 000 000 000 000 000 000 0	LAKE TRINITY * 40 46.1 * 1H TRINITY RIVER* 122 45.7 * 0P * 692 * 1640	XAX WD NV O X X X X X X X X X X X X X X X X X X	KERN RIVER * 118 ROSBUR IS BULL	71VER * M6 0.00 x x x 1110 C0.00 x x x x 1110 C0.00 x x x x x x x x x x x x x x x x x x	*ERHDUSE * 36 27 7 4 H *ID FK KAMEAH* 118 51.7 4 DP EDISON * 166 4 99	DAM * 36 25.0 * CIR RIVER * 119 0.2 * OP * 561 * 573	CHIMNEY CREEK 118 3.0 4 1 AND 4 18 3.0 4 116 4 116 3.0 4 116	4 35 15 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
######################################	# 100 000 # 4 100 000 # 4 100 000 000 # 4 100 000 000 # 4 100 000 000 # 4 100 000 000 # 4 100 000 000 000 000 000 000 000 000 0	LAKE TRINITY * 40 46.1 * 1H TRINITY RIVER* 122 45.7 * 0P * 692 * 1640	# 36 27.0 # EAST FORK KAN* 118 46.9 # 667	ANDS	(FAIRVIEW) * 36 0.0 * KERN RIVER * 118 28.9 * 750 *	2 POWERHOUSE * 36 27,7 * H MID FK KAMEAH* 118 51,7 * OP CALIF EDISON * 166 * 99	DAM * 36 25.0 * CIR RIVER * 119 0.2 * OP * 561 * 573	MEADUW + 35 40.9 + I AND + 35 40.9 + I AND CHIMNEY CREEK+ 118 34 + + 116	4 35 15 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
######################################	TING LAKE INSTRUCTIONS AND	1VER* 122 45.7 * 0P	# M6 27 0 4 FORK KAM* 118 46 9 4 8 82 4 657	KERN RIVER * 118 ROSBUR IS BULL	71VER * M6 0.00 x x x 1110 C0.00 x x x x 1110 C0.00 x x x x x x x x x x x x x x x x x x	P POWERHOUSE * 36 27 7 * H ALIF EDISON * 166 * 999	* 36 25.0 * CIR R * 119 0.2 * SP * 561 * 573	CHIMNEY CREEK 118 3.0 4 1 AND 4 18 3.0 4 116 4 116 3.0 4 116	4 35 15 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
######################################	THE PROPERTY OF THE PROPERTY O	* CLATR ENGLE LAKE TRINITY * 40 46.1 * 1H * TRINITY TRINITY RIVER* 122 45.7 * 0P * DOI USBR * 1640	REAST FORK ANT 110 46.9 4 667	* 45 59.1 * CIMRO * 45 59.1 * CIMRO * TULARE KERN RIVER * 118 20.85 IS * 6544 *	* JUNCTION (FAIRVIEW) * 36 0.0 * * TULARE KERN RIVER * 118 28.9 * * * 750 * *	* * * * * * * * * * * * * * * * * * *	* LAKE KAWEAH=TERMINUS DAM * 36 25.0 * CIR * TULARE KAWEAH RIVER * 119 0.2 * OP * DAEN SPK * 551 * S73	A TULARE CHIMNEY CREEK 116 3.0 4 116 IX ST 4 IX ST 5 I	4 35 15 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
SANTANAS AND	THE STATE OF THE S	* CLATR ENGLE LAKE TRINITY * 40 46.1 * 1H * TRINITY TRINITY RIVER* 122 45.7 * 0P * DOI USBR * 1640	EAST FORK KAM* 118 46.9 * TULARE EAST FORK KAM* 118 46.9 * 67	ELEPHANT KNOB * 35 59.1 * CIMRO TULARE KERN RIVER * 118 20.83 19 * 779 * 634	* JUNCTION (FAIRVIEW) * 36 0.0 * * TULARE KERN RIVER * 118 28.9 * * 750 *	KAWEAH NG 2 PGWERHGUSE * 36 27,7 * H TULARE MID PK KAWEAH* 118 51,7 * GP SGUTHERN CALIF EDISON * 166 * 99	LAKE KAWEAH-TERMINUS DAN * 36 25.0 * CIR TILLARE KAWEAH RIVER * 119 0.2 * OP Daen Spr * 551 * 573	* LAMONT MEADOW * 35 40.9 * I AND * TULARE CHIMNEY CREEK* 118 3.0 * * * * * * * * * * * * * * * * * * *	* LIMEKILN

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,12

144	A K				****					# #
** FRANKARANA ANA ANA ANA ANA ANA ANA ANA ANA AN	MEDURACE RANKY MEDURACE RANKY (MEDURACE RANK)					şi.	31	e N		
	SECUENCE ACCEDENCE ACCEDEN									***
	COEDCENCE COEDCENCE COEDCENCE									
		****		****	****	* * * *	****	****	****	* * * *
. ec	6 2 2	k 400 €		4.0	→ 3	22	0 4	0 9	4 6 4 6	0.5
	HAW/SO	# # # # # # # # # # # # # # # # # # #	2821	3322, 92631	4.78 W W W W W W W W W W W W W W W W W W W	456.76	308. 0 21,304	858.8 26.625	5026 679	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
A PROPERTY OF A				****	****	****	****	****	****	***
		0 5 6	OMM G-G M-M	0	676	11190	14487	171	7362	
		109899	<i>-, -,</i>		33		22	32017	P-P-	*
XXXI	* * *	****		****	****		****	****	****	* * * * *
		00 24 0WW		000	0.00	00004	W W W W W W W W W W W W W W W W W W W	99334	0 60 60 60 60 60 60 60 60 60 60 60 60 60	
K H O F	333	K WW				वव	mm	199	***	
KWHP										•
. * * * ·	***	* * * *	000	000	****	00m	000	* * * * *	000	000
E E O E	(FT) (AC FT) (FT)	0000 0000 0000 0000 0000	140.0 13000 118.0	10.9 5.0	3150 20000 265.7	142.0 202000 1111.5	80 4 80 48 80 6 80 6 80 6	225.0 80000	400°0 62000 336°6	233.0 76600 221.7
KK PT EXACT AND COLUMN	* * *		* * * * *	****	****		****	****	****	* * * *
4 •	+	* 40			ac	ç	ő	o o		<u> </u>
* OL O	8	k (i k (i k (r		60 M1	© # 6* #0	* * * * * • •	er:	7.	C) C)	6
AVE. G	(CFS)	K	-40.1	40	68.	~ ~	gr:	171-04	N	# # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #	* (CFS)	X 8 8 8	* * * * *	60 M1	****	6 0	1 4 6 15 12 15	****	80 80 80 80	* * * *
T EVERT TO SEE THE SECOND SECO	A) + (CPO)	X 8 8 8	00 00 00 01	* * * * * * * * * * * * * * * * * * *	****	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**** ** ** ** ** ** ** ** ** ** ** ** *	* * * * * O • Ni • M 60	0.00 m m m m m m m m m m m m m m m m m m	* * * *
REFERENCE OF STREET	D A.M.) A (CPS)	X 8 8 8	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 4 0	3. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18	8 11.6 * H I 20 5.4 * DP 303 * 643	74 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	17.07 T	* * * *
**************************************	(00 00 00 01	# # # # # # # # # # # # # # # # # # #	## ## ## ## ## ## ## ## ## ## ## ## ##	M88.13 M88.13 M88.14 M8	8 11 8 11 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	* W7 17° 2 * 1,0 * 120 15° W # 180 * 127 * * 180	* * * *
# # # # # # # # # # # # # # # # # # #	(E * CO)		* * * * * * * * * * * * * * * * * * *	* MUS 400 0 4 4 110 07 1 4 4 00 0 4 4 8 30 4 4 8 30	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4 38 11.8 # H I 418* 120 5.4 * DP 4 X03 * 688	# # # # # # # # # # # # # # # # # # #	# 17 17 8 4 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 1 1 1 1	* 38 7.1 * 111 * 111 *
# # # # # # # # # # # # # # # # # # #	(E * CO)		A A A A A A A A A A A A A A A A A A A	4 00 00 1 4 00 00 1 4 00 00 00 00 00 00 00 00 00 00 00 00 0	FORK KR* 1100 400 4 4 400 4 4 4 4 4 4 4 4 4 4 4	A 110 15.5 A CIR A 110 15.5 A CIR A 110 15.5 A CIR A 110 15.5 A 10	T T & Be 11.68 4 T T T & Be 11.68 4 T T T T T T T T T T T T T T T T T T	# # # # # # # # # # # # # # # # # # #	# 4 17 17 4 4 1 9 0 1 4 1 9 0 1 4 1 9 0 1 4 1 9 0 1 4 1 9 0 1 4 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9	* 38 7.1 * 111 * 111 *
# # # # # # # # # # # # # # # # # # #	(E * CO)		A A A A A A A A A A A A A A A A A A A	4 00 00 1 4 00 00 1 4 00 00 00 00 00 00 00 00 00 00 00 00 0	FORK KR* 1100 400 4 4 400 4 4 4 4 4 4 4 4 4 4 4	A 110 15.5 A CIR A 110 15.5 A CIR A 110 15.5 A CIR A 110 15.5 A 10	T T & Be 11.68 4 T T T & Be 11.68 4 T T T T T T T T T T T T T T T T T T	* 37 5% 0 * * 37 5% 0 * * 37 5% 0 * * 37 5% 0 * * 38 0 * * 38 0 * * 4	# 17 17 8 4 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 1 1 1 1	* 38 7.1 * 111 * 111 *
# # # # # # # # # # # # # # # # # # #	(E * CO)		* * * * * * * * * * * * * * * * * * *	# WS 400 0 # EHTTE FIVER # 110 57.2 # # 630 # # 630	* * * * * * * * * * * * * * * * * * *	* 46 5 5 5 7 7 110 110 11 1 1 1 1 1 1 1 1 1 1 1 1	T T & Be 11.68 4 T T T & Be 11.68 4 T T T T T T T T T T T T T T T T T T	* 37 5% 0 * * 37 5% 0 * * 37 5% 0 * * 37 5% 0 * * 38 0 * * 38 0 * * 4	# 4 17 17 4 4 1 9 0 1 4 1 9 0 1 4 1 9 0 1 4 1 9 0 1 4 1 9 0 1 4 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9	* 38 7.1 * 111 * 111 *
# # # # # # # # # # # # # # # # # # #	(E * CO)		A MO 0.0 A A MO 0.0 B A A A A A A A A A A A A A A A A A A	# WS 400 0 # EHTTE FIVER # 110 57.2 # # 630 # # 630	4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 0.	* 36 3 4 CIR * 36 3 4 CIR * 118 US.14 DP * 388 4 18	A WE 11.66 A T I A WE 11.66 A T I A WE 11.66 A T I I A WE 11.70 YA YANISH 120 S.4 A DP A WAN UNANUN I D A XON A XON A X	CREEK * 4 37 53.0 * 1UDLUMNE DIVER 120 13.0 * 100. * 100. * 100. *	1	* 38 7.1 * 111 * 111 *
# # # # # # # # # # # # # # # # # # #	(E * CO)	19 19 19 19 19 19 19 19 19 19 19 19 19 1	FORK * MEDDLE FORK T* 118 46.8 * 102 * 102 * 102 * 102 * 102 * 102 * 103	SCHOOL WHITE RIVER + 118 57.3 + 838	4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 0.	* 36 3 4 CIR * 36 3 4 CIR * 118 US.14 DP * 388 4 18	A WE 11.66 A T I A WE 11.66 A T I A WE 11.66 A T I I A WE 11.70 YA YANISH 120 S.4 A DP A WAN UNANUN I D A XON A XON A X	CREEK * 4 37 53.0 * 1UDLUMNE DIVER 120 13.0 * 100. * 100. * 100. *	1	* 38 7.1 * 111 * 111 *
# # # # # # # # # # # # # # # # # # #	(E * CO)	19 19 19 19 19 19 19 19 19 19 19 19 19 1	FORK * MEDDLE FORK T* 118 46.8 * 102 * 102 * 102 * 102 * 102 * 102 * 103	SCHOOL WHITE RIVER + 118 57.3 + 838	4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 4 0.00 4 0.	* 36 3 4 CIR * 36 3 4 CIR * 118 US.14 DP * 388 4 18	A WE 11.66 A T I A WE 11.66 A T I A WE 11.66 A T I I A WE 11.70 YA YANISH 120 S.4 A DP A WAN UNANUN I D A XON A XON A X	* 37 5% 0 * * 37 5% 0 * * 37 5% 0 * * 37 5% 0 * * 38 0 * * 38 0 * * 4	1	* 38 7.1 * 111 * 111 *
# # # # # # # # # # # # # # # # # # #	(Yex CO) * * *	THE	* MIDDLE FORK * MAGOLE FORK * 116 46.0 * * TULARE * 100 *	* DUTNCY SCHOOL WHITE RIVER * 118 57.3 * * 538 * * * * * * * * * * * * * * * * * * *	* RUCKHOUSE * WS 40.9 * * TILLARE SOUTH FORK KE* 116 11.9 * + 42.0 *	* SUCCESS LAKE * 10 35 1 CIR * TULARE TULE RIVER * 110 551 4 DP * DAEN SPK * 18	A SEADDSLEY AFTERBAY A 38 11.68 A T I A	* 816 HUMBUG CREEK * TUTHUMNE TUTLUMNE BIVE* 120 13.0 * * 185 * * 185 *	A STG TREES ADRIANCE ADRIANCE ADDRESS A 17.0 A 1.0 A 1	* 38 7.1 * 111 * 111 *
# # # # # # # # # # # # # # # # # # #	(Yex CO) * * *	THE	* MIDDLE FORK * MAGOLE FORK * 116 46.0 * * TULARE * 100 *	* DUTNCY SCHOOL WHITE RIVER * 118 57.3 * * 538 * * * * * * * * * * * * * * * * * * *	* RUCKHOUSE * WS 40.9 * * TILLARE SOUTH FORK KE* 116 11.9 * + 42.0 *	* SUCCESS LAKE * 10 35 1 CIR * TULARE TULE RIVER * 110 551 4 DP * DAEN SPK * 18	A SEADDSLEY AFTERBAY A 38 11.68 A T I A	* 816 HUMBUG CREEK * TUTHUMNE TUTLUMNE BIVE* 120 13.0 * * 185 * * 185 *	A STG TREES ADRIANCE ADRIANCE ADDRESS A 17.0 A 1.0 A 1	* 38 7.1 * 111 * 111 *
**************************************	CDDE * (D X.M.) * (D X.M.) * (D X.M.) * (D X.M.) * (S0.7.1) * (S0.7.1)	きょうようななさままますが、	FORK * MEDDLE FORK T* 118 46.8 * 102 * 102 * 102 * 102 * 102 * 102 * 103	SCHOOL WHITE RIVER + 118 57.3 + 838	* RUCKHOUSE * WS 40.9 * * TILLARE SOUTH FORK KE* 116 11.9 * + 42.0 *	* 36 3 4 CIR * 36 3 4 CIR * 118 US.14 DP * 388 4 18	A WE 11.66 A T I A WE 11.66 A T I A WE 11.66 A T I I A WE 11.70 YA YANISH 120 S.4 A DP A WAN UNANUN I D A XON A XON A X	* 81G HUMRUG CREEK * TUTH.UMNE TUTLUMNE BIVE* 120 13.0 * * 180 * * 180 *	488 * STG TREES ADRIANCE NORTH FORK ST# 120 1583 * 1.98 * 1.01 LANE ADRIANCE ADRIANCE A 1.47 * 1.882	* * 38 7.1 * * 38 7.1 * * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,13 PAGE 95 OF TABLE 1

ASSESSED OF THE STATE OF THE ST	**************************************	*****	* * * * * * * * * * * * * * * * * * *	****		****	***** *****	***	***
A N N N N N N N N N N N N N N N N N N N	** ** ** ** ** ** ** ** ** ** ** ** **	16817 16.0817 16.089	0.4 0.4 0.6 0.6 4.0 4.0	16705 486 859	3787.2 317.17	M C M C M C M C M C M C M C M C M C M C	11. UT 65. 4. 44. 8. 5. 8. 8. 5. 8. 5. 8. 5. 8. 5. 8. 5. 8. 5. 8. 5. 8. 5. 8. 5. 8	2781°1 4976°7	25 5 16 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
# # # # # # # # # # # # # # # # # # #	**************************************	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * *		119400	1300000 1300000 13000000 13000000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	80 80 80 80 90 80 90 80 8 8 8 8 8	10 10 10 10 10 10 10 10 10 10 10 10 10 1
*		00000m	0 N N 0 0 0 N N N	21740 21740	0 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	13000001	0 M M 9 M M M M M M M M M M M M M M M M	969	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
**************************************	2	***** 000 *** 000 000 000 000 000 000 0	NU 2 30~42 00.00 010.00	00000000000000000000000000000000000000	M444 M00 000 000 84444	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	00 00 00 00 00 00 00 00 00 00 00 00 00
* B B B B B B B B B B B B B B B B B B B		I Sull Sull Sull Sull Sull Sull Sull Sul	T SS T C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	T = 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	* * * * *	* * * * * * * * * * * * * * * * * * *	1 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #
**************************************	K	37 52.1 * H,8 120 3.8 * 1128.0	311	# # # # # # # # # # # # # # # # # # #	s *196	# # O * MIL PM II PM III	~	8 4 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6	85 d
A COO A COO COO COO COO COO COO COO COO	M	7 520 1 H F. 80 1 L L 3 H F. 8 1 1 1 2 8 0 0	7 52°5	00 00 4 4 5 00 4 4 5 00 4 4 5 00 4 4 5 00 4	2.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	* * * * * * O M * 0 M 01 U ••	156.0 * 13.0 * 102.0 * 102.0 * 103.0 *	18:55 × 1,7,8,6 4.65.0 × 1,7,8,6 4.60 × 11,4,6	7 558.4 # 15 85.19 19 19 19 19 19 19 19 19 19 19 19 19 1

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,13 PAGE 96 OF TABLE 1

		* * * * * * *				****	# # # # # # # on or or	R).	在
****	1		# #	80 CO 80 CO	2 年 2 年 3 日 3 D 3 D 9 D 9 D 9 D 9 D 9 D 9 D 9 D 9	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 CO	SERVE SERVE	10470°7 *
######################################	. 44 	M.U. 20.00 00.00 00.00 00.00	1 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * *	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * C & & C & C & C & C & C & C & C	報 表 表 表 表 表 の の の の の の の の の の の の の の		180091
****		0 0 0 0 m m	el ml W 6000 P-P-4 0000	 	# # # # # # # # # # # # # # # # # # #	7 4 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	SP S	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12000 12000 12000
* * * * * * *	# # # # # # # # # # # # # # # # # # #		117°0 #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		******	# # # # # # # # # # # # # # # # # # #
APERA VETUS CETS CETS	在	IIC	129.04.	T C C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	I	% T * * * * * * * * * * * * * * * * * *	136.02	# # # # # # # # # # # # # # # # # # #
LATITUD CONGITTUD CO *AREA (O A M) (O M,M)	## M O O W W W W W W W W W W W W W W W W W	38 5.0 120 10.1	180 5°55	37 48.7 120 18.2	120 14.9 120 14.9	* * * * * * * * * * * * * * * * * * *	* 120 15°6	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8 120 4 0 4 1 1 0 0 4 1 1 0 0 4 1 1 1 0 1 1 1 1
팦	ARAKARARAKARARAKARARAKARAKARAKARAKARAKA	LVONS TUGLUMNE S FK STANISLA* PACIFIC GAS + ELECTRIC *	LYONS (PHOENIX PH) * TUD UMNE S FK STANISLA* PACTFIC GAS + ELECT CO *	MUDICASIN LOWER MOCCASIN CRES. TUDICANS MOCCASIN CRES. CITY COUNTY S FRANCISCO	PAPER CABIN TUDI.UMNE TUDI.UMNE *	PTNECREST LAKE (STRAMBERRY LA TUDIUMNE S FK STANISLAM PACIFIC GAS + ELECT CO	PRIEST RESERVOIR TUDIUMNE PATTLESNAKE CY CITY COUNTY S FRANCISCO	RELTEF RESERVOID TUDIUMNE RELIEF CREEK PACTFIC GAS + ELECT CO	* CATSPKO496 * SAND BAR * CAUGEST * TUDIUMNE MIDDLE FORK S. * 2 DFC D *
FM 2 ID NO * PRI 10 I	######################################	CACSPK9041 * LYONS * TUOLU 2 DFC * PACIF	CAUSPROSIO # LVO CAOOSS7 # TUD 2 DFC # PAC	CACSPKOSOZ * MUCCA CACO122 * TUDLU U DRC * CITY	TANGURORORORORORORORORORORORORORORORORORORO	CACSPKOS11 * PTN CACSPKOS11 * PTN CACSPKOS11 * PTN PAC	CACSPKOSOC CACOING NO ORC	* CACSPKOS12 * REL * CAOSSO * TUT * 2 DRC * PAC	* CA78PK0496 # GA' * CAU0267 # TUT

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,13 PAGE 97 OF TABLE 1

TO STATE OF	似的 收收 水化化 化化化 化 化 化 化 化 化 化 化 化 化 化 化 化 化		\$ \$ \$ \$ \$ \$	****	1 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	***	2 & & & & &	****	
E - 60 E	**************************************	**************************************	00 00 00 00 00 00 00 00 00 00 00 00 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M M M M M M M M M M M M M M M M M M M	**************************************	* * * * * O O O O O O O O O O O O O O O	4 4 4 4 4	1007000 1007000 1007000
* * * * * * * * * * * * * * * * * * *		W W W W W W W W W W W W W W W W W W W	110 000 000 000	044	16559444	######################################	N W 0.49 N M C & M F & F & F	* * * * * * O 60 00 ml ml	**************************************
- 7XX - 7333 - 7333 - 744		44 000 000	* * * * * O • • O • • N •	000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * 0 00000 11	24 24 24 24 24 24 24 24 24	*******	
A C F F C F C F C F C F C F C F C F C F		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	N 4 N 004 00 0 00 0		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 NU W 2 NU W 2 NU N 2 NU N 3 NU N 4 NU N 5	0000 0000 0000 0000 0000 0000	00000000000000000000000000000000000000	4000000 # # # # # # # # # # # # # # # #
# C C C C C C C C C C C C C C C C C C C			8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	101 144 144 144 144	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	80 44 N. 6- 6- 6- 6- 7- 8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8	H N N N N N N N N N N N N N N N N N N N	8 8 8 8 8 8	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
0.	k k k	I. 80	16	2		ı.		S 0.	40 40 40 40 40 40 40 40 40 40 40 40 40 4
LATITUDE CONSITUDE CO. AREA (O M.M.) (SO.M.)	M4 4 00 00 00 00 00 00 00 00 00 00 00 00	2000 000 000 000 000 000 000 000 000 00	338 03.0 11.0 03.0 10.0 03.0 10.0 03.0 10.0 03.0 10.0 03.0 10.0 03.0	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 W 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	120 120 12 12 12 12 12 12 12 12 12 12 12 12 12	118 45°0 * 07° * 118 45°0 * 07° * 07	34 22.6 # 119 19.7 # OP	30 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
T L L L L L L L L L L L L L L L L L L L	# # # # # # # # # # # # # # # # # # #	CSAND FLAT PHR 38 23.6 A THIGHLAND CREEK 119 559.6 A G	RESERVOIR * 38 23.66 & HAIGHLAND CREE* 119 59.68 & DECT CO & A & A & A & A & A & A & A & A & A &	2 4 60 03 7 4 4 60 03 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7 59. 20 3	* * * * * * * * * * * * * * * * * * *	# 30 PG # # 30 PG PG # 8 PG	2 34 22.6 4 1 CREEK # 119 19.7 4 D	本 (100 C) C (10
PROJECT NAME OF GTREAM ALONGITUDE DRIMARY CO. ANAME OF GTREAM ALONGITUDE A DR.AREA A CO.M.A.A.B.A.B.A.B.A.B.A.B.A.B.A.B.A.B.A.B	# # # # # # # # # # # # # # # # # # #	20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	FR-OITS * 38 23.6 5 4 H AND CREE* 119 59.8 5 0 CO * * * * * * * * * * * * * * * * * * *	4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RIVER # 120 3	* * * * * * * * * * * * * * * * * * *	4 27.6 * 8 18 45.0 4 0 4 22.0 * 0	CREEK # 110 00 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0	本 30 00 x x CX x X CX 11 11 11 11 11 11 11 11 11 11 11 11 11

DATE 14 FEB BI NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,13 PAGE 98 OF TABLE 1

# # # # # # # # # # # # # # # # # # #		****	****	0		***	教教教教教	* * * * *	(O) 80 (O) 80 (O
***********		***	****	***	****	****	****	****	
* F 0	13058068	11687	3685 13665 14666	66	62246 101.83	00	전 주 등 등 등 등	6041 2051 11	7032.9 53.123
*******		M M M M M M	4444	* * * * * * * * * * * * * * * * * * *	6 1110 1111 1111 1111 1111 1111 1111 11	60 10 00 00 00 00 00 00 00 00 00 00 00 00		0 49 0 60 0 60 0 60	
4 4 0 0 0 4 4 4 0		P.P.	O 80 81	## ### 00 100 III	4 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * 0 0 0 0 9 5 11	0.44 0.44	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
***		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N N 3 W W 3 = 0 = 0 O 0	446 440000 100000 1000000000000000000000	M M M M M M M M M M M M M M M M M M M	6 W W C C C C C C C C C C C C C C C C C	11 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M 00000 1 00000 1 00000	M (14
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		I.S. T.S. T.S. T.S. T.S. T.S. T.S. T.S.	* * * * * * ** ** ** ** ** **	DHR 700 000 000 000 000 000 000 000 000 00	MAC MO	* HRIGS 00 1265,4	8018 09 118 0.018	# * * * # © © 0 0 0 0 1	* * * * * * * * * * * * * * * * * * *
* LLILLI .	######################################	38 50 50 11 12 12 12 12 12 12 12 12 12 12 12 12	39 23. 121 28.0 4 * 4 47 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	39 14.2 ** 121 16.0 **	39 13.2 * * 121 19.7 * * * 1296 * * * * * * * * * * * * * * * * * * *	139 23 65 4 121 8 8 3 4 4 4 4 8 9 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	121 100 100 100 100 100 100 100 100 100	101 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 39 30 9
* * *	**** **** **** **** **** **** ****	CACHE CRK	NORTH HONCUT	TGHT LAKE YUBA RIVER	SARKS BARUY CHARA CHUNA CRARA CRARA	R NORTH YUSA RI AGENCY	FRENCH DRY CR	ORY CRK	N FIK. YUBBA RI
*OTZ	* () * *	ũ	Z	E891	A A M	ec. ec. ≰		J	
**************************************	PANABARARARARARARARARARARARARARARARARARAR	GUINDA FOLO CO	BANGGR YURA N	HARRY L ENGLEBRIGHT HYURA HOBEN SPK	MARYSVILLE ! AKE	NEW BULLARDS BAR WIRA WIRA CTY WATER A	* VIRGINIA BANCH * YURA * SROWNS VALLEY ION	* * * \ UBA (* CABSPKOSZ6 * NAMBO * CAHO314 * YUBA * CAHO314 * YUBA

SCALE OEVELOPAENT SMALL ADDITIONAL O Z æ CAPACITY **0** NITAL E E HYDROELECTRIC PHYSICAL

N THE STATE OF GOLDENARYDE

∢ €	* 1	*		***************************************	***************************************	***		*	**	*			***************************************	***************************************	****	***************************************	•
₩ Z	. * * *		WW 50	33 32 37 80	* * *	r .	3 E in	. X	* * *	•	12 23	εŭ Σ	* * *	•	3 Σ.	N N N N N N N N N N N N N N N N N N N	t .
	HZ.	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	A W W W W W W W W W W W W W W W W W W W	# # # # # # # # # # # # # # # # # # #	* H Z O :	* * * * * * * * * * * * * * * * * * *	* www.		* * * * * * * * * * * * * * * * * * *	K H Z O	M D D A	# # # # # # # # # # # # # # # # # # #	* E Z C C C C C C C C C C C C C C C C C C	* HZU :	M	L HORE
	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	# #		* * * * * * * * * * * * * * * * * * *			0	K * K * * * * K * K * * * * * * * * * *	0		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		k wiet 6 i k 60° i k wi
K 6	* * * * * * * * * * * * * * * * * * *	K	* * * * * * * * * * * * * * * * * * *	0				0 0	*****	0		0	****		* * * * * * * * * * * * * * * * * * *	0 0	
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	K 1	* − − − − − − − − − − − − − − − − − − −			* 0 1		0	* * * * * * * * * * * * * * * * * * *	0			10 10 10 10 10 10	0 0	12.6
001	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		K M →	F	* * * * * * * * * * * * * * * * * * *	11 19 1 11 19 1 12 19 1 14 14 14 14 14	k 10 h	0.00 e e e e e e e e e e e e e e e e e e	40 40 •0		, AM		k 1	x		र १९७० स्था स स्थानका
OTAL	K 22 >> K 4 * * * * * K	x 00 (1) 0 x 00 (1) 0 x 00 (1) 0	* 244 * 000 * 010 * 01 • 00	* * * * * * * * • • • • • • • • • • • • • • • • • • •	K	N 1 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2	0 M	0	40 •0	. 4.00	M d	64	10 UI 2 C 2 C 1	M 90 9 10 10 10 10 10 10 10 10 10 10 10 10 10	741	. 10 → .
자 삼 삼 삼 삼	*** ** ** ** ** ** ** ** ** ** ** ** **	* - UM	* ONO N	* * * * * * * * * * * * * * * * * * *	* <	* * * * * * * * * * * * * * * * * * *	* 4	* 2 15 16 * 0 4 2 * 16 0 0 16 * 6 * 6 * 16 00	※ 目のの※ 寸形性※ 乙トト※ 乙ト・コロ公		*	TIAL PRORE	# # # # # # # # # # # # # # # # # # #	*	* FEG * 0.00 * 0.00	44 44 44 44 44 44 44 44 44 44 44 44 44	

L N H E d O DEVEL ADDITIONAL C 0 4 4 0 7 0 0 ox oz Z Z ы. О POTENTIAL S T A T E CAPACITY H T PHYSICAL HYDROELECTRIC z

######################################
##################################

1

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,13 PAGE 99 OF TABLE 1

	**************************************		****	***	****	****	****	****	
* OC OC	# C C 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00	10.07 10.00 10.00	>> M • M • M • M • M • M	00	**************************************	194	150.86 68.31	60
* - E E E E E E E E E E E E E E E E E E		004	* * * * *	**************************************		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	2217 2217 2217	M M
# 4 4 6 # 4 6 6 # 4 6 6 6		000	147791 147791	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	O N N 9 9 9 9 9 9 9	O N N	6.60 0.00 0.00 0.00	00000000000000000000000000000000000000
* X X X X X X X X X X X X X X X X X X X		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	W W W W W W W W W W W W W W W W W W W	# # # # # # # # # # # # # # # # # # #	200 C	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	621300 621300 631300 631300 631300 631300 631300 631300 631300 631300 631300 631300 631300 631300 631300 63130 6310 631	0 0 M
* # # # # # # # # # # # # # # # # # # #	作 (1) (4) (4) (4) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	20 11 12 14 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	T S S S S S S S S S S S S S S S S S S S	M MAN B	N	IS #120.3	7 T T T T T T T T T T T T T T T T T T T	CIR 0P	T D
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	•133.	37 0.9 * H 107 18.0 * IS 1068 * * * SSI:	107 11.0 A 10 10 164 A 8 18 18	-78	37 17.9 * H 106.58.0 * 18 175 * e120	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	38 4.1 * CIR 102 56.1 * DP 18915 * *272	39 137 8 2 X X X X X X X X X X X X X X X X X X
**************************************	**************************************	0 0 4 4 4 0 0 0 4 4 4 4 4 6 0 0 4 4 4 4	TO NAVAJO RESERT 37 0.9 T. H. SAN JUAN RIVER 107 18.0 T. 18 S.	1 4 0.0 4 1 I I I I I I I I I I I I I I I I I I	6 50.00 4 4 5 5 6 6 0 4 4 5 4 5 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6	# # 37 17.9 # H 9AN JUAN RIVER 106 58.0 # 18 175 # 120	* 37 36.2 * R I TWO BUTTE CRE* 102 32.3 * DP WHLDLIFFE * 466 * * *50	* 38 4.1 * CIR ARKANSAS RIVE* 102 56.1 * DP * 18915 * •272	* 39 57.8° * H LDE* 105 28.8 * DP 39 * DP 34
AT A LA TA	**************************************	T M O	SER# 37 0.9 * H IVER 107 18.0 * IS * 1066 * • WSI.	1 4 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# W/ D/S # W/ D/S # W/	* 37 17.9 * H * 37 17.9 * H * 17.5 * 18.0 * 17.5 * * * * * * * * * * * * * * * * * * *	**************************************	R * 38 4.1 * CIR SAS RIVE* 102 56.1 * OP * 18915 * +272	# # 39 57.8 * H 90ULDE# 105 28.8 * DP # 39 * B 34

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,14 PAGE 100 OF TABLE 1

# CONTRA	A MICH MICH	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * # * 10 to 10 to 1	: * * * * * *			* * * * *	C	
**************************************	# M # O # O # * * * # #	1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	****	****	****	****	****	* * * *
**************************************	# M M M M M M M M M M M M M M M M M M M	276.71 35.607	20 0 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	45.240 219.54	118.55 60.986	00	218.34 35.141	72.531 44.834	3100.0 44.286
**************************************		7777	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 4 4 4 4 0 40 40 0 10 10 10 10 10 10 10 10 10 10 10 10 10	* * * * * O M M TO O M	* * * * *	* * * * * O M M W W W W	101 101 101 100 100 100 100 100 100 100	70000
**************************************	**************************************	# # # # # O 80 80 O 50 O 50 NI (NI	4 4 4 4 4	OM M NN		4 4 04 00 4 ****	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	2 * * * * * * * * * * * * * * * * * * *
****	# # # # # # # # # # # # # # # # # # #	M # # # # # # # # # # # # # # # # # # #	M # # # # # # # # # # # # # # # # # # #	80 M 90 M	(U - 0 M d - 0 M d - 0 O M - 4 4 4 4	****	100 mm 10	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * 0.00 0.00 0.00 0.00 0.00
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	60 60 60 60 60 60 60 60 60 60 60 60 60 6	PG PG	ST 0.0 170 * * * *	10 0	00 01 01 00 00 00 00 00 00 00 00 00 00 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T
******	* * * * * * *	20 eV-	* # # * *	n ****	~ * * * *	****	£ # # # #	****	* * * *
# D D D D D D D D D D D D D D D D D D D	* * * * * * * * * * * * * * * * * * *	39 56 8 105 21	39 56.6 105 19.0 102	39 1.3 106 14	39 106 186 88	39 42. 105 43,	37 21. 106 17	38 39. 107 35	38 47 107 56
A B A A A A A A A A A A A A A A A A A A	A WARA A WARA A WARA A WARA A WAXA A WAXA A WALLON YOUN NOWLY OF VARIA OF VARIA OF VARIA OF VARIA A CHIV OF LONGION	GROSS DAM DNE SOULDER SOULDER DENVER BD OF WATER COMM	RESERVOIR NO 22 BOULDER BOULDER CREEK* CITY AND COUNTY DENVER D	CLEAR CREEK RESERVOTR * CHAFFEE CLEAR CREEK * CITY OF PUEBLO **	TWIN LAKES RESERVOIR CHAFFEE LAKE CREEK * TWIN LAKES RES NO 1 *	A CEDPGETOWN BIG THOMPSON A CLEARCREEK BIG THOMPSON A N. TO. WATER CONSERVANCY DISK	TERRACE RESERVOIR CONFLOS ALAMOSA RIVERA TERRACE IRP CO	* CRAWFORD RESERVOIR * DELTA IRON CREEK * 198 * WPRS	* TRIECOUNTY RESERVATE * DELTA GUNNISON *
******	00000011 + 0	## COOLRYS ## ## COOLRYS ## ## COOLRYS ## ## ## ## ## ## ## ## ## ## ## ## ##	COCHROCOS9 ** COCOR47 ** COCO S47 **	000004 00001140 00001140 00001140	# # COCO # # # COCO # # # # COCO # # # #	COIMROOS14 *	CCCGWAPOOG # # CCCGOB15 # # UCP II # II	CDCSPK0538 * CD00556 * CD0056 * CD0	C068PK9048 *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC PUWER STUDY TIME 22,29,14 PAGE 101 OF TABLE 1

* Z D Z < B	在	1927	# 60001 # 60001	***	# # # # # Mi	an Cu			C) ()
# (# 000 T) # (# 0	** ** ** ** ** ** ** ** ** ** ** ** **	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	47 12 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1405.0 1105.0 1105.0	1047	42.18 30.468.1	1761.5 59.567	1974.1	2004 4004 410 617
AND		16 W W W W W W W W W W W W W W W W W W W	160 160 160 160 160 160 160 160 160 160	# * * * * C 00 00 TIM MM MM	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # O ID ID O ID ID O ID ID O ID ID O ID ID O ID ID O ID ID		01 IVI 040 040 040 040 040 040 040 040 040 04	
* * * * * * * * * * * * * * * * * * *		* * * * * * * O O O O O O O O O O O O O	N N 5 4 0 0 0 4 4 4 4	6 6 8 8 8 8 8 6 8 8 8 8 8	6796	* * * * * © NI NI 90 00 NI NI NI NI NI NI	# # # # # O T T # # # # T T IN IN	#### C 40 40 M M IN IN 10 40	
**************************************		12 12 12 12 12 12 12 12 12 12 12 12 12 1	* * * * * O T P. • M • • M * O • M O • M O	N 0-	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20.00 20.00	* * * * * O O O O M O M	0.00	0.00 0.00 0.00 0.00
* •	* * * O * O * O * O * O * O * O * O * O	4 * * C * * * * * * * * * * * * * * * *	. O	*****	# # # # #	#### #################################	W.	*****	7.5
* C * C * C * C * C * C * C * C * C * C	H C C C C C C C C C C C C C C C C C C C	80 90 36	8 00 9 16 2	T. H.	I H	90	*1362.3	1 H	T T T T T T T T T T T T T T T T T T T
LATTHUDE A CONGITTE A CONGITUDE A CONGITUDE A CONGITUDE A CONGITUDE A CONGIT A CONGI	100 17 on a 100 100 100 a 100	100		ø, *	. gp	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	39 35 # 107 11 07 11 40 # 136 # 136 # 136 # 136 # 136 # 136 # 136	₽ Ø3	39 39 0 1 1 10 10 10 10 10 10 10 10 10 10 10
*	* 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4	M W W W W W W W W W W W W W W W W W W W	1750-4 * * * * * * * * * * * * * * * * * * *	101.9 H T Section 118.	2.00.00.00.00.00.00.00.00.00.00.00.00.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M + # # # # # # # # # # # # # # # # # #	0.000 0.000	****

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,14 PAGE 102 OF TABLE 1

本 ON OH 代 医医 a	****		********	化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化	在在本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	· 医克里氏试验检检查检查检查检验检验检验检验检验检验检验检验检验检验检验检验检验检验检验检	· 计算机	化二甲基苯甲基苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲
FM 1 ID NO	PRIMARY CO. ENAME OF STREAM		XXX SOLVED A	STOR *	INC. CAP	コンプランスはないのでは、アンスには、アンスには、アンスには、アンスには、アンスには、アンスには、アンスには、アースにはいるにはいるには、アースには、アースには、アースには、アースには、アースには、アース	NERGY COST	TO NO NECONO THE TENTO TO THE TENTO THE TENTO TO THE TENTO THE TENTO TO THE TENTO THE TENTO TO T
-		* (0 X X C) * X (0 0 X X X X X X X X X X X X X X X X	(CF3)	AC FT) *	333	### FFE EEEE	(1000 &)	ENCE PA
058PK0552	NAMES AND	39 30. 106 22				************	# # # # # # # # # # # # # # # # # # #	化合物 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性
* 55 DRC II *			*36.0*	* 8.624	60°	798 *		
* CONSPRONGE	**************************************	# U C 0 0 E 1	* *	* 9	G	6	4 444	
	EAGI E	06 43	•		2271	# N P P P P P P P P P P P P P P P P P P	105.0	
		**	# 1 C U . E #	* / * * / *	7.22	9		
* CONSORRONAL *	70 MT. 6	* 39 23.0	* *	# 0 OF	c	# •	200	
ដ		.	3		9697	16127 #	44.0	
1 DXG n *		* *	*140°3*	* * *	90.00			
		* .	*	**				-
* CONSTRUCTOR *	A MINIORN TO GORD CREEK PAG: F PAG: F WINE	* 34 36 3 *	* *	* *	0 60 40	* * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 *	1004	
* S DRC I *	ال المارية المارية	,		199.8	100	4 29901	•	
* 1		* *	* 4	# 1		3 1		
* C058PK0551 *			r	30°0			579,57	
* CDU0141 *	RAGLE RIVER	* 106 22.9 *	* ** *** ***	* 9 6 6 5 5	1749	700M	82,279	
		***	•	_	r	;		
* 0000000000000000000000000000000000000	N THE TOTAL	* * 6.110	* *	#: # O U	C	* •	4400	
* COUO146 *		106 54		*	14394	8 12 4 TEL	43.556	
* I DAG & *		* 3090	*866.6*	* * OUI-1	76871	8 8 4 7 15 ×		80
		1	: *	* *				
* CONSTRUCTOR *	* RUEDI DAMSITE TO MILE 9 * EAGLE FRYINGPAN RIV.	106 54	* *	* *	98710	4 4 CO 1811	1746.7	
* S DRC I			-124,4*	370.6 *	6571	29485		
* *		K #	K #	k -				
# COSSPKOSSS #	STATE BRIDGE 10 ROCK CREEK	39 SE	* 1	* 0 00	0 11	;	2642.9	
* S DRC I *	COLUMNUU	# # # # # # # # # # # # # # # # # # #	**************************************	104.8	1000	* 90000	0.0	
* 1	* 1	* 1	* 1	# 1		* 1		
# C058PK0554 *	* SWERTWATER CREEK TO DOTSERO	* *	I	* 0°05	0	0	4574	
	* EAGLE COLORADO RIV	4 107 3.9 #	18 *1151.0*	* * 0 6. 96	11007	71284	64.179	
**********	建筑是这个社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会社会	************	据· · · · · · · · · · · · · · · · · · ·	****	- 张子子子子子子子子	有我是我们我们还是我们的	******	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,14

A P B C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	****	* * * * *	****	***	* * * * * *	O Nt	***	***
AC ECONOMIA BAC CONOMIA BAC C	放射性 化化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲								
0	**************************************	** * * *	6 * * * *	00 00 00 00 00 00 00 00 00 00 00 00 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	e e e e e e e e e e e e e e e e e e e	0.4 4 0.4 50 50 50 50 50 50 50 50 50 50 50 50 50	0100 4.00 100 100 100 100 100 100 100 100 100	M446.00
2 CC CC	** * * * * * * * * * * * * * * * * * *	000	000	10 10 10 10 10 10 10 10 10 10 10 10 10 1		# # # # # # # # # # # # # # # # # # #	6 W 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	***** 10 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * 0 000 0 000 0 000 0 000
	**************************************	4 # # # #	#### 000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			* * * * * 1 0 00 0 1 0 0 0 0	0 PP 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
*****		****	11 20 3 4 000 4 * * * *	M 60 00 00 00 00 00 00 00 00 00 00 00 00	N 00 00 00 00 00 00 00 00 00 00 00 00 00	0 4 0 0 0 0 0 0 0 0	R) 4 0 0 0 0 0 0	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00 1
STATUS STATUS AVE. G	* * * * * * * * * * * * * * * * * * *	00 Q.	# * * # * Ø Q.	* * * * * * * * * * * * * * * * * * *	A A A A A A A A A A A A A A A A A A A	女女女女 (A) (A) (A) (A) (A) (A) (A) (A) (A) (A)	五 (2) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	**************************************	* * * * * * * * * * * * * * * * * * *
700000	**************************************	M8 5110 1004 5110 1004 5110 1004 4110 1004 4110	30 30 30 30 30 30 30 30 30 30 30 30 30 3	39 30.0 # 107 52.0 # 6122 #	39 25.0 107 13.9 # # 651	39 32.9 * 107 20.0 * 1440 * *	39 28.4 * 107 16.9 *	04 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	107 9.0 *
201 201 201 201 201 201 201 201 201 201	4**4**********************************	SPRINGS HYDROPLANT * PUNTON CREEK * COLO SPRGS * *	RUXTON PARK HYDROPLANT EL PASO RUXTON CREEK * CITY OF COLO SPRGS	*OPERCOUR RESERVO* COLORADO RIVE*	A A A A D A B A A A A A A A A A A A A A	A TOTOR ADE	FER ROARING FORK *	MEADOW CREEK	ROARING FORK *
PRIMARY CO. LANG	**************************************	MANITOU SPRIN EL BASO CITY OF COLO		CANYON CR TO DEBENUE. GARFIELD COLORA	CARBONDALE GARFIELD	CARDIFF	CRYSTAL RIVER GARFIELD	ELECTRA SARFIELD	EMMA GARFIELD
PM 2 ID NO * PRIMARY CO. INAME ACTV OEP * OMNER OF STREA COSE COSE * STREA STATUS *	4 CDUSTON A A COUNTY OF A COUNTY A COUNTY A A COUNTY A A COUNTY A A A COUNTY A A A A A A A A A A A A A A A A A A A	COTOWAGOOT A	COTSWASOOO #	COSSPKOS62 * * COUO107 * COU0107 * COUO107 * COU	C055PK0570 * C0U0121 * C	COSSPKOS66 * COUCHIA * COUCHIA *	COSSPK0569 * COUO116 * COUO116 *	CUSSPKOS64 COUO110 K	* COSSPK0572 * COU0124 *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,14 PAGE 104 OF TABLE 1

T SENT BOOKS SENT SENT SENT SENT SENT SENT SENT SEN	社会社会企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业		***	1 4 4 4 4 4	. 				
100 00	**************************************	N (II → 3 → 3 • 3 • 4 • 8 • 8 • 8 • 8 • 8 • 8 • 8	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	の in の in の in ・ an ・ in ・ in	111 106 106 109 109 109 109 109 109 109 109 109 109	7.00% 8.00% 9.00%	P A A A A	16594 * 15. 74 *	· 在
* * * * * * * * * * * * * * * * * * *	2 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****** ******* ***** ****	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N.W. 0.00 0.00 0.00 0.00	***** M M M M M M M M M M M M M M M M M	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	110000000000000000000000000000000000000	* * * * * * * * * * * * * * * * * * *
\$ 0 8 7 7 7 7 8 8 1 8 1 8 1 8 1 8 1 8 1 8 1	44 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0	100660		0.00	8 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14400 # 87045 # 1014455 # #	1076749 * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
*		4 4 6 N 6 4 0 0 N 6 4 0 0 N	M M M M M M M M M M M M M M M M M M M	EU ***	**************************************	* * * * * * * * * * * * * * * * * * *	170,0	115.0 200600 1178.6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	* * * *	******	****	***	****	***	***	* * * * *	****
* CL.	* * * * * * * * * * * * * * * * * * *	e in in e	N H S S S S S S S S S S S S S S S S S S	2 M	1CR 0P 25.0	13 13 13612	0P 12721.6	SH SH	本本ののの記者をおりませる。
K	**************************************	62 8 7U 8U	39 21 9 4 1 10 10 10 10 10 10 10 10 10 10 10 10 1	.671	សួ	M9 W3.04 T	2721	. 80 EL EL	MO 40°0 X X 10°0 10°0 10°0 10°0 10°0 10°0 10
SERVINE SERVIN SERVINE SERVINE SERVINE SERVINE SERVINE SERVINE SERVINE SERVINE	**************************************	9 U4.0 4 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 1 9 2 10 10 10 10 10 10 10 10 10 10 10 10 10	9 30 9 3 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 37.8 # 1CR 07 45.7 # DP 140 # AP.	9 WM * 9 * II 04 R6 9 * II 05 0 8 * II 07 0 8 8 II 08 18 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	9 83.9 # H 07 13.6 # OP 4520 # +2721	100.100.100.100.100.100.100.100.100.100	4 Us O H I O I O I O I O I O I O I O I O I O

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,15 PAGE 105 OF TABLE 1

		7.		7	•			-	24 34	794	•	12 TE	* 1	•	4 A			7		-											
A STANDARD TANDARD STANDARD ST	TOURNOUS SERVICES OF SERVICES	A V X V A																													
JA	2 4	œ .		5			80) •			=			0						:	•										
	: 0X	2 4																													
2020	SE	=																													
	EGE	COFFICENCE																													:
1	80	· :																													
	* * *	# #	* *	*	女	# #	* *	*	* *	*	*	* *	# 1	*	* *	*	*	*	* *	#	* *	k #	* *	*	* 4	*	* *	*	*	* '	
1 0 C	6 2		2 4			0	.			7			5.95	9		792	ù		-	648			00	•		0.				0	0
	(\$ 000 B)	***	48.147	•		3112.0	N.		_	39.1			233	•		7.	P) **		4273	9						1904					
E E	5 5		4 4			143			₹	m			AI -	*		4 :	Ď		4	4						1	'n				
		*	* *		*	* *	* *	. 42	4.4	. #	* 1	* *	* 1	. 42	* *		x *	*	* *	*	* *	. #	* *	*	* *		* *	. 42	*	# 4	* *
9 > >	9		00	0	-	0	2 2		c	-	_		0 9	. 0.		0	9 P P		0	~	u		00	*		0	N 16	,		0	o * :
	:::	?	-	117			7925			117087	ē		,	2350			0 0			10261	Q V			**			3345				**
9 .		(III)						•		-				1 (1)						÷:				*		Í	-, ,-,	•			*
XZC	2	*		_	_			_		_								_		_				*				. 42		46	*
	. . .	* *	010	en.	#	* *	••	. ≱ f	* *		- 1 0	→ 1 5	- •		7	0.0	 - - - - - - - - - - - - - - - - - -	-	•	in i	֖֖֝֝֝֝֞֝֞֝֝֟֝֝֟֝֝֟֝	_	00	0		0	2 9		-	0	本
440			. 2	<u>M</u>			3179			20586	929		0 0	9 0		•	0 40			1855						7	7040				
X X X X X X X X X X X X X X X X X X X	333	X					int to	2		ria (Ň									N C	V										
EXIDATE STATE STAT	5	*																													
K # # 4	- * * *		* *		*	* *	* *	: 44	2 4		*	* *	* 1	. *	* *		* *	#	* *	*	* 1	* *	* *		* 4	. 4	* *	z 4z	4		* #
t i	• -		0 =	. 8		0	0 4		G	0	~		0.5	<u> </u>		0	2 40		0	0	ນ		00			.0	0 1			0	on:
		(FT)	120.0	5		50.08	442.4	,	0,0	1	334		20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9		Ċ	104.6	,	0.0	•	440.0			405		30.0	90	a. Pa			40000 •177°3
K 4 80	(FT)	5					la.			,	ru:		ING S	1		•					•			•				•			•
* ¥ *	* * *	* 1	* *	*	*	年 会	* *		2 0	*	* 7	松 你	* 1	0	* 1	K #K	* *	-	* *	*	* 1	* *	# +	*0	# 4	*	* ;	: 2: D	*	#	* W
				_			4				~			٠.			-	•			•										
k 02 00 C	3	6	•	M			M	i			0			M			9			1	4						4	•			- 61
K 0. 0	3 4 1 2	(CFS)		103.04			777				- 780,			60			20	ì			364			#291			27.0				
0.00 P	3 4 4	(CFS)	_ 1	#0		Œ	18	ì	3	. es	780		œ	60		8	20	1		13	-364		I F	-291		1	18			x :	13
	3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	(OFC) +	4	#0	•	Œ.	777	1	.3	93	780	* *	# ·	60	* 1	* *	- CM	. **	##		* * 364	B #	* •	1628	4 4	T	130		: - #x		* *
	3 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 *	4 4 4	t t t * *	10	•	* *	+ 19	7	# 1	85 17 18	* *780	食食	*	20 × CT	* 1	* *	- CM	. **	# * C	& H	364	R 42	* •	1628	* 1	T	0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		: 4 x	# .	5.0 * 18 89 * 825
SERVICE A MOUTH OF A M	2	4 4 4	t t t * *	10	•	* *	30.6 # 19	7	* *	39,0 * 18	* *780	食食	4.0	312 * UT 83	* 1	20 I	136 # DP	* ***	# # C' C'	& H	364	京 包	14.0 * H	250 * 2591	4 5 4	41.00 X	50,9 * 18		: - #x	X # 6.65	450 * 18
SECTION A MOUTHER OF THE COLUMN AS THE COLUM	2 X X X X X X X X X X X X X X X X X X X	4 4 4	t t t * *	10	*	** 0*65	30.6 # 19	7	# 4 # #	06 39 0 * TS	* *780	* *	4.0	312 * UT 83	* 1	8 # 80 80	7 7 4 7 N	* ***	# # C' CF ##	07 1 2 4 13	364	* *	6 44.0 * I	250 * 2591	* 1	8 41.0 ×	50,9 * 18		: 4 x	X # 6.67	106 46.0 * 13 29 * # 25
CENTRE A MOUNT OF	* CO X * Y * Y * Y * Y * Y * Y * Y * Y * Y *	4 4 4		89 × 10	*	* *	106 30,6 # 19	7	# 4 # 4	106 39,0 * TS	* *780	食食	40 7.9 *	# 100 000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 2 1	20 I	7 7 4 7 N	* ***	× ×	107 1 1 18	364	* *	14.0 * H	250 * 2591	4x 4	8 41.0 ×	06 50.9 # 18		i de	X # 6.65	- ·
	2	* (IM.DO) *		10 x 56 x	*	** 0*65	IVER 106 30.6 # 19	7	# # # # # # # # # # # # # # # # # # #	TVE* 106 39,0 # 18	* *780	食 食	# 60 7 9	1VE# 100 DG#U # UF # 3120 # UF	48 (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	X * 105 56.4 * 0P.	* ***	# 1 * *	IVER 107 1.5 * IS	364	* *	1 4 0 44 0 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1003 # 0000 # # 0000	4x 4	# 38 41.0 # H	100 100 100 100 100 100 100 100 100 100		: 4x	# 38 49.9 # H	EK # 106 45.0
	2	* (IM.DO) *		10 x 56 x	*	** 0*65	RIVER 106 30,6 # 19	7	# 4 # # # # # # # # # # # # # # # # # #	MIVE 106 39.0 * 18	# 2528 # #780	食 保	# 60/ 07	71VE# 100 UE#C # UT # 68W	4x 1	20 07 4 4 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	X * 105 56.4 * 0P.	* ***	* 1	RIVER 107 1.5 TO	364	k # .	1 4 0 44 0 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1003 # 0000 # # 0000	- 4 8 - 4	# 38 41.0 # H	100 100 100 100 100 100 100 100 100 100		; 4x	# 38 49.9 # H	EK # 106 45.0
	A CK. BAKEA W AVE. B	* (IM.DO) *		10 x 56 x	*	** 0*65	RIVER 106 30,6 # 19	7	# 4 # # # # # # # # # # # # # # # # # #	MIVE 106 39.0 * 18	# 2528 # #780	食 章	# 60/ 07	71VE# 100 UE#C # UT # 68W	***	20 07 4 4 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	X * 105 56.4 * 0P.	* ***	* 4 * * * * * * * * * * * * * * * * * *	SON THINE TO THE TO	364	* *	T	TOUR A ONG A	4x 4	# 38 41.0 #	71 VER * 106 50.9 * 16		: t	X 4 6 67 88 4	EK # 106 45.0
EKEKEKEKEKEKEKEKEKEKEKEKEKEKEKEKEKEKEK	* CX.* AVE. E	* (IM.DO) *		10 x 56 x	*	** 0*65	RIVER 106 30,6 # 19	7	# 4 # # # # # # # # # # # # # # # # # #	MIVE 106 39.0 * 18	# 2528 # #780	* *	# 60/ 07	71VE# 100 UE#C # UT # 68W	48 A	20 07 4 4 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	X * 105 56.4 * 0P.	* ***	* 4 * * * * * * * * * * * * * * * * * *	SON THINE TO THE TO	364	* *	T	TOUR A ONG A	48 4	# 38 41.0 #	71 VER * 106 50.9 * 16		; (x (x (x (x (x - (x	X 4 6 67 88 4	EK # 106 45.0
	* * *	* (IM.DO) *		CLIMAX * 89 * 10	**	** 0*65	IVER 106 30.6 # 19	7	# 4 # # # # # # # # # # # # # # # # # #	MIVE 106 39.0 * 18	# 2528 # #780	* *	# 60/ 07	1VE# 100 DG#U # UF # 3120 # UF	# 1 # (20 07 4 4 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 105 50°4 * 0P	* ***	# # # W	GUNNAU THE TOTAL T	364	* *	T	TOUR A ONG A	***	RIVER) * 38 41.0 * H	TAYLOR RIVER & 106 50.9 & 10		: -tx	X 4 6 67 88 4	EK # 106 45.0
	* * *	* (IM.DO) *		CLIMAX * 89 * 10	**	** 0*65	RIVER 106 30,6 # 19	7	## ## ## ## ## ## ## ## ## ## ## ## ##	COLORADO RIVER 106 39.0 x 18	# 2528 # #780	* *	# 60/ 07	71VE# 100 UE#C # UT # 68W	4x 1	THE STATE OF	X * 105 56.4 * 0P.	* ***	# # # W	GUNNAU THE TOTAL T	364	* *	RIVER) A CAR SA CAR SA CAR SA A CAR SA A CAR SA CAR S		48 4	RIVER) * 38 41.0 * H	TAYLOR RIVER & 106 50.9 & 10		;	X # 6 6 7 8 8 *	EK # 106 45.0
		* (IM.DO) *		CLIMAX * 89 * 10	**	* O * O * O * O * O * O * O * O * O * O	COLORADO RIVER 106 30.6 * 18	7	## ## ## ## ## ## ## ## ## ## ## ## ##	COLORADO RIVER 106 39.0 x 18	# 2528 # #780	* *	THE COLUMN TWO IS NOT	CULUMANU NIVER 105 MARGUM UN	***	THE STATE OF	THE CREEK A 100 UP A AND THE BON A SHEET A SHE	· · · · · · · · · · · · · · · · · · ·		OL 4 W.1 TO ANY MEN TO A 1 TO TO THE TOTAL	364	* *	RIVER) A CAR SA CAR SA CAR SA A CAR SA A CAR SA CAR S		48 4	RIVER) * 38 41.0 * H	TAYLOR RIVER & 106 50.9 & 10		: -tx	X # 6 6 7 8 8 *	EK # 106 45.0
	* * *	* (IM.DO) *		CLIMAX * 89 * 10	**	* O * O * O * O * O * O * O * O * O * O	COLORADO RIVER 106 30.6 * 18	7	## ## ## ## ## ## ## ## ## ## ## ## ##	COLORADO RIVER 106 39.0 x 18	# 2528 # #780	* *	THE COLUMN TWO IS NOT	CULURADU MIVER 100 DESO R UT	4x 1	A See O O A SIGNED A SEE SEE SEE SEE SEE SEE SEE SEE SEE S	ON A CHILDE CAMPINE A 100 US. A CHILDE ON ON A CHILDE	the state of the s		OL 4 W.1 TO ANY MEN TO A 1 TO TO THE TOTAL	364	* *	RIVER) A CAR SA CAR SA CAR SA A CAR SA A CAR SA CAR S		44 1	RIVER) * 38 41.0 * H	TAYLOR RIVER & 106 50.9 & 10		: **	X # 6 6 7 8 8 *	EK # 106 45.0
	* * *	* (IM.DO) *	THE STATE OF THE S	DAN METAL CLIMAX * 89 * 10	**	# 0"6(A 0 M * 20) 2 X X X X X	COLORADO RIVE* 106 30.6 * 19	7	## ## OP	ST 4 0°68 90' WIND DICE TO COLUMN TO COLUMN THE COLUMN	a 2628 * *780	* *	A Par	CULURADU KIVEN 100 DESUN UT PRO NIZ N 68	48 4 48 4	A See O O A SIGNED A SEE SEE SEE SEE SEE SEE SEE SEE SEE S	ON A CHILDE CAMPINE A 100 US. A CHILDE ON ON A CHILDE	The state of the s		OL 4 W.1 TO ANY MEN TO A 1 TO TO THE TOTAL	364	* *	RIVER) A CAR SA CAR SA CAR SA A CAR SA A CAR SA CAR S		48 4	RIVER) * 38 41.0 * H	TAYLOR RIVER & 106 50.9 & 10		:	X # 6 6 7 8 8 *	EK # 106 45.0
	* * *	* (IM.DO) *	THE STATE OF THE S	DAN METAL CLIMAX * 89 * 10	**	# 0"6(A 0 M * 20) 2 X X X X X	COLORADO RIVE* 106 30.6 * 19	7	## ## OP	ST 4 0°68 90' WIND DICE TO COLUMN TO COLUMN THE COLUMN	a 2628 * *780	* *	A Par	CULURADU KIVEN 100 DESUN UT PRO NIZ N 68	48 1	A See O O A SIGNED A SEE SEE SEE SEE SEE SEE SEE SEE SEE S	ON A CHILDE CAMPINE A 100 US. A CHILDE ON ON A CHILDE	the state of the s		OL 4 W.1 TO ANY MEN TO A 1 TO TO THE TOTAL	364	* *	RIVER) A CAR SA CAR SA CAR SA A CAR SA A CAR SA CAR S		47 -	RIVER) * 38 41.0 * H	TAYLOR RIVER & 106 50.9 & 10		: 4:	X # 6 6 7 8 8 *	EK # 106 45.0
REFERENCE OF THE PROPERTY OF T	* * * * * * * * * * * * * * * * * * *	4 (IM-COO) A		DAN METAL CLIMAX * 89 * 10	**	* O * O * O * O * O * O * O * O * O * O	COLORADO RIVER 106 30.6 * 19	7	## ## OP	COLORADO RIVER 106 39.0 x 18	a 2628 * *780	**	A Par	NAME OF THE PROPERTY OF THE PARTY AND A STATE OF THE PARTY AND A STATE AND A S	4	THE STATE OF	ON A CHILDE CAMPINE A 100 US. A CHILDE ON ON A CHILDE	the state of the s	# # # W	OL 4 W.1 FOURTH SOUNDS	364	* *	T		46.4	# 38 41.0 #	TAYLOR RIVER & 106 50.9 & 10			X 28 49.9 W	CREEK * 106 45.0
REFERENCE OF THE PROPERTY OF T	* * * * * * * * * * * * * * * * * * *	4 (IW-00) 4	THE STANDARD OF THE STANDARD S	A ANDRICAN KETAL CLIMAX * 300 x 10	**	* 0*65 6M * * *****************************	# GRAND COLORADO RIVER 106 30.6 # 19			A GRAND CDLORADD RIVER 106 390 A 18	* 2628 * *780	* *	A LAKE GRANSY	A GRAND CULUMANU NIVER IOU URAN A UT A CONTROL W MIN A MIN A MIN A CONTROL W M	40 4	A MILLOW CREEK REGERVOIR	A GRAND SILLON CREEK * 100 556.4 * OF * 100 556.4 * OF	the state of the s	# 1	A GUNNISON GUNNISON RIVER 107 1. T. T.	# 900 # 900 # 1	* *	A ALMONI (EAST MIVED) A MG A4.00 A M	TOURS A COUNTRY AND A MINARY AND A MINARY AND	47	* ALMONT (TAYLOR RIVER) * 38 41.0 * H	A GUNNISON TAYLOR RIVER A TO SO		:	A CEMENT CREEK	# GUNNISON COMENT CREEK # 105 45.0
REFERENCE OF THE PROPERTY OF T	* * * * * * * * * * * * * * * * * * *	4 (IW-00) 4	THE STANDARD OF THE STANDARD S	A ANDRICAN KETAL CLIMAX * 300 x 10	**	* 0*65 6M * * *****************************	# GRAND COLORADO RIVER 106 30.6 # 19			A GRAND CDLORADD RIVER 106 390 A 18	* 2628 * *780	* *	A LAKE GRANSY	A GRAND CULUMANU NIVER IOU URAN A UT A CONTROL W MIN A MIN A MIN A CONTROL W M	4. 4.	A MILLOW CREEK REGERVOIR	A GRAND SILLON CREEK * 100 556.4 * OF * 100 556.4 * OF	The state of the s	# 1	A GUNNISON GUNNISON RIVER 107 1. T. T.	# 900 # 900 # 1	* *	A ALMONI (EAST MIVED) A MG A4.00 A M	TOURS A COUNTRY AND A MINARY AND A MINARY AND	40.0	* ALMONT (TAYLOR RIVER) * 38 41.0 * H	A GUNNISON TAYLOR RIVER A TO SO	す 17 17 17 17 17 17 17 1		A CEMENT CREEK	# GUNNISON COMENT CREEK # 105 45.0
REFERENCE OF THE PROPERTY OF T	DENT & DENT & A CODE	4 (IW-00) 4	THE STANDARD OF THE STANDARD S	A ANDRICAN KETAL CLIMAX * 300 x 10	**	* 0*65 6M * * *****************************	# GRAND COLORADO RIVER 106 30.6 # 19			A GRAND CDLORADD RIVER 106 390 A 18	* 2628 * *780	* *	A LAKE GRANSY	A GRAND CULUMANU NIVER IOU URAN A UT A CONTROL W MIN A MIN A MIN A CONTROL W M	***	A MILLOW CREEK REGERVOIR	A GRAND SILLON CREEK * 100 556.4 * OF * 100 556.4 * OF		# 1	A GUNNISON GUNNISON RIVER 107 1. T. T.	# 900 # 900 # 1	* *	A ALMONI (EAST MIVED) A MG A4.00 A M	TOURS A COUNTRY AND A MINARY AND A MINARY AND	40.0	* ALMONT (TAYLOR RIVER) * 38 41.0 * H	A GUNNISON TAYLOR RIVER A TO SO		:	A CEMENT CREEK	# GUNNISON COMENT CREEK # 105 45.0
REFERENCE OF THE PROPERTY OF T	* * * * * * * * * * * * * * * * * * *	4 (IW-00) 4	THE STATE OF THE S	A ANDRICAN KETAL CLIMAX * 300 x 10	*	* 0*65 6M * * *****************************	COLORADO RIVE* 106 30.6 * 19			THE REGISTRATION OF THE CAME O	* 2628 * *780	* *	A CAKE GRANBY	CULURADU KIVEN 100 DESUN UT PRO NIZ N 68	**	A See O O A SIGNED A SEE SEE SEE SEE SEE SEE SEE SEE SEE S	A GRAND SILLON CREEK * 100 556.4 * OF * 100 556.4 * OF			A GUNNISON GUNNISON RIVER 107 1. T. T.	# 900 # 900 # 1	* *	RIVER) A CAR SA CAR SA CAR SA A CAR SA A CAR SA CAR S	TOURS A COUNTRY AND A MINARY AND A MINARY AND	40.0	RIVER) * 38 41.0 * H	A GUNNISON TAYLOR RIVER A TO SO	す 17 17 17 17 17 17 17 1	: -4x	W # CEMENT CREEK	S6 # GUNNISON COMENT CREEK # 106 46.0

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.15 PAGE 106 OF TABLE 1

######################################	***	****	****	* * * * * *	\$ # # # # #		****	* * * * *	***
######################################	******	1.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	1508 64.08.4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	157.48	2957 39.654	0 N 4 4 10 4 10 4 10 10 10 10 10 10 10 10 10 10 10 10 10 1	1591.3 43.116	88 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
# # # # # # # # # # # # # # # # # # #	**************************************	0.000	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0		44	100000000000000000000000000000000000000	80 M M M M M M M M M M M M M M M M M M M	#### ### #############################	28797 # # 79797
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 1 4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	O In In M M W M W M	11 11 12 12 12 12 12 12 12 12 12 12 12 1	0 m m 6 m m 6 m m 0 0 m	C	7792	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
# # # # # # # # # # # # # # # # # # #		****		* * * * *		***** OOO	# # # # # # # # # # # # # # # # # # #		
な e e e e e e e e e e e e e e e e e e e	* * * * * * * * * * * * * * * * * * *	TH STA	10 11 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	110 A CO		4 9 0 0 N	3. CO	T H S S S S S S S S S S S S S S S S S S	本 1 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	* * * * * * * * * * * * * * * * * * *	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	39 45.0 106 41.4	38 36 6 107 20 9 251	38 14.0 107 32.6	38 46.9 107 50.0	38 51.7 106 42.5 350	38 43.4 106 46.5	
** ** ** ** ** ** ** ** ** ** ** ** **	ANN THE STATE OF T	TE LAKE PORK OF	CRYSTAL CR TAYLOR RIVER	AUDDY CREEK	STLVER JACK RESEROVIR GHNNISON CIMARRON CREE. US - WPRS	TO MOUTH NORTH FORK	SPRING CREEK AND FISH	CREEK (USGS UNDEVELOP) IN TAYLOR RIVER	A COCSPKOSO1 # TAVIOR PARK * COCSPKOSO1 # TAVIOR PARK * COCSTS # GUNNISON TAVIOR RIVER * COCSTS # DRO # TAVIOR RIVERS # REPRO
KKAAAKAKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	E A SE	GATEVIEW SITE	LOTTIS CH TO GUNNISON	PAONIA RESERVOIR GUNNISON US - MPRS	STEVER JACK Gennison Us - WPRS	SOMERSET TO GUNNISON	SPRING CREEK GUNNISCH COLO GAME AN	SPATNS CREEK	TAYLOR PARK GUNNIGON US # EPPRS
A A CO C C C C C C C C C C C C C C C C C	# # COUCHUS # #	COSSPKOS97 * COUCLES * TO DRC I * TO DRC II * TO DRC II * TO	COUSTS * COUSTS *	COCSPK0605 * COC1691 * CO01691 * CO0	COCSPK0506 ** CO01693 **	C0958PK0598 * C000166 * C0	COCSPK0600 ** COCO148 ** COCO148 **	# COUNTY # # COUNTY # # COUNTY # # # COUNTY # # # # # # # # # # # # # # # # # # #	* COCSPKO601 * * COCO151 * * * COCO151 * * * * * * * * * * * * * * * * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,15 PAGE 107 OF TABLE 1

FM T TO NO A A CODE CODE CODE CODE A TILE A TATUS	PROJECT NAME DRIMARY CO. INAME	SE S	** LATITUDE ** DR. AREA (D. M. M.) (O. M. M.) (SO. M.)	* PROJ. PURP. * DAS 114 * SATALUS * XXX. SATUR. * AVE. G * PIR. * (AT) * (AT) * (AT) * (AT)	****	H H H H H H H H H H H H H H H H H H H	4 M	# (9 OOC!) # (9 OOC!) # (9 OOC!)	TO COUNTY OF THE
* * * * * *	**************************************	本を存在を有水を大水水水を大水水を大水水の上(の凹と GONMON)と(本 CUN)にC CON)を上 本 CUN)にC CON)を上		**************************************	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	**************************************	######################################	在收收收款收益收收收收收收收收收收收收收收收收收收收收收收收收收收收收收收收收
COSSPKO607 * COUO151 * S ORC I *	LAKE FORK HINSDALE		36 0.9 107 18.9	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##### O 3 3 W M W M	* * * * * * * O O O O O O O O O O O O O	627.79 63.548	
COCSWAOORS ** COCOBOS ** COCOBOS ** COCOBOS **	RIG GRANDE RIG GRANDE MINSUALE RIG GRANDE SAN LUIS VALLEY IRR DIST	EY IN GRANDE **	107 16°0 107 16°0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6478 6478 6478 6478 6444	***** 0	2 4 0 00 0 00 0 00	50 44 50 45 50 50 50 50 50 50 50 50 50 50 50 50 50 5	
COCMRDOO54 * COCMRDOO54 * COCO101 *	A STANDLEY LAKE A CEPTEROON A TARKENS RES A	RIG DRY CREEK ND IRR CO O	** 49 81.7 105 6.0 **	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	8 M 6 M 8 M 8 M	1904 1904 1904
COSSPKO610 * COUO182 * COUO182 *	* DURANGO YO DE	TO DEER CANYON ANIMAS RIVER	107 N° 9	***	80 3 80 00 3 8 8 8 8 8 8 8 8 8 8 8 8 8 8	33931 33931		4 W	e
CGJSPKO612 CG00895 S DRC	* ELECTRA LAKE * LAPIATA * WESTERN COLO	CTACOMA PH) TREANIMAS RIV	# # # # # # # # # # # # # # # # # # #		010- 80-0-80 -80-80 -80-80 -80-8-8-8-8-8-8	0000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	cö	0
COSSPKO608 COUO176 F	* EMERALD LAKES * LAPLATA	* *AIR SONIC SON	* W7 R7 R9 9	* * * * * * * * * * * * * * * * * * *	1971.0	129411		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
CDCSPK0613 - CD01688 - CD0	* LEMON RESERVOIR * LAPLATA * US * WPRS	FLORIDA PIVER	* 37 22.8 * 107 39.7 *	# # # # #	M 4 M 4 M 4 M 4 M 4 M 4 M 4 M 4 M 4 M 4	19 (1) 4 4 6 4 5 1 1 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	## W W W W W W W W W W W W W W W W W W	河
CONSPK0615	* OURAY PH * LAPLATA UNCOMPA	UNCOMPAHGRE	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		10 C	41 41 61 0 61		00	* * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,15 PAGE 108 OF TABLE 1

TEXTON THE STANDARD S	在	* * * * *	1976 1976 1976		1900	: * * * * *			
# (I 3 E \ 8)	**************************************	66 66	100 00 00 00 00 00 00 00 00 00 00 00 00	. 60	176 176 197 197 197 188 188 188 188 188 188 188 188 188 18	00	***** CO	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
X A M X A M X A M X B M X	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1070 1070 440 100 40 4444	* * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
H NNH H NNH H NNH H C S C S S S S S S S S S S S S S S S S	本本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本	4 00 10 00 00 00	2	* * * * *	** * * * * O O O O O O O O O O O O O O O	4 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* * * * * OO O OI OI M M	* * * * On in Nic * *
*****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	184.0 116800 171.0	****	155.600.00 155.600.00 155.600.00 155.600.00	* * * * * OOU P * OM M M *	111700	***** 000	100000 100000 100000 100000
で この この この この この に この に この に この に この に こ	**************************************		HHR 000 705,0	## # # # # # # # # # # # # # # # # # #	IR **		* * * * * * * * * * * * * * * * * * *	***** *****	CTRD * OP OP 72.0*
LATITUDE CONGITUDE OR AREA (O M.M.) (OO M.M.)	**************************************	40 P.1.40 105 7 9 55 55 55 55 55 55 55 55 55 55 55 55 5	40 19.5 * 105 12.6 *	40 24.3 # 105 11.2 #	40 35.9 * 105 10.1 * 858 * *	40 24.0 # 105 30.0 # 137 #	0 17 9 ** 05 30 0 **	* * * * * * * * * * * * * * * * * * *	7 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Z	* * * * *				3		₹ ↔	3 -	n ii
ANAXA CANACA CAN	RYKYKYKYKKKKKA CLIOACIIIO AME GOZHE GOJ	HOMPOON OLOS	* * * * * * * * * * * * * * * * * * * *	NDP BIG THOMPSON # CONSERVANCY OHS*	****	BIG THORSEN RA	BIG THOMSEN DR 10 CONSERVANCY DISS	****	***
M 2 ID NO * PRIMARY CO. INAME OF STREAM CTV DEP * DANER OF STREAM COE * OWNER COE * OTATUS * STATUS *	**************************************	018		FLAT 180N 1 ANDP. LARIMER BIG THOMPSON * N. CO. WATER CONSERVANCY DISA	HORSETODIY RESERVOIR * 4 LARIMER BIG THOMPSON * 1 DOI USBR * 1	* * * * *	****	****	***

# # # # # # # # # # # # # # # # # # #	***	****	*****		**,*,**	*****	2 4 2 2 4 Ni	* * * * *	***
A CAZEL A CONTRACT OF STREET OF STRE				1941 		* * * * * * *	***	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
**************************************	200 200 200 200 200	25.05.05.05.05.05.05.05.05.05.05.05.05.05	24146 41.256	81. 47. 898.	co	*^	* P	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	* 75°561
* * * * * * * * * * * * * * * * * * *	763940 # 783940 #	* * * * * 0 0 0 0 0 m m p p	(V II) 60 40 60 60 60 60 60 60 7 4 4 4 4 4	1700 1700 1700 1700 1700 1700 1700 1700	#### M M M M M M M M M M M M M M M M M M	* * * * * *	~ W 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	304007 # 304007 #
######################################	58274	* * * * * ON 80 TT ON 80 TT		000 444 000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	S1630 S1630 S1530 S S S S S S S S S S S S S S S S S S S	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	17060 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* * * * * * * * * * * * * * * * * * * *	6 100000 4 1000000 8 10 9 10 10 10 10 10 10 10 10 10 10 10 10 10		N W W	101 144 147 160 160 160 160 160 160 160 160 160 160	00 00 00 00 00 00 00 00 00 00 00 00 00	00 44 00 44 00 80 00 80	* * * * * O O O III 	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	11. 10.000. 40.000.	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 150°0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T 0.00	* * * * * * * * * * * * * * * * * * *	T + T C C C C C C C C C C C C C C C C C	T * * * * * * * * * * * * * * * * * * *	000000 * 10000000 * 1000000000000000000
0	39 13 3 108 15 4 7141	39 11.3 108 16.7 8055	39 11.0 108 54.4 22000	39 11.0 108 6.3	39 8.8 108 0.3	108 20 49 49 49 49 49 49 49 49 49 49 49 49 49	39 2.9 108 35.6 8020	0000 0000 0000	* * * * * * * * * * * * * * * * * * *
·本世书书《《《《《《《《《《《《《《《《《《《《《《《《《《《《《《《《《《《	A MESA COLURADO AL VERA MANA MANA MANA MANA MANA MANA MANA MA	GRAND VALLEY DIVERSION DAM .* HESA COLORADO RIVE* DOI WPRS	* GUNNISON RIVER TO DEWEY SITE* MESA COLORADO RIVE* *	* PERRY CREEK NO 1 * * * MESA PLATEAU CREEK* UTE MATER CONSEVNCY DIST * * * * * * * * * * * * * * * * * * *	A LOWER HOLINA PH A REAU CREEKE US & MPRS	PALTUADE TO MOUTH OF GUNNISON MESA COLORADO RIVERA	R REDIANDS DI GUNNISON RE MESA REDIANDS MITTANDS DEED CO REDIANDS DEED C	AIR TO TOUTHOU OF OU TOUTHER ATTIONS A TROOP A SECONDINON A A SECONDINON A A A A A A A A A A A A A A A A A A	* THITEMATER GUNNIGON RIVER* * MESA
A A A A A A A A A A A A A A A A A A A	# 00 00 00 00 00 00 00 00 00 00 00 00 00	COASPK9036	CO48PKO617 x COU0096 x COU0096 x 6 DRC I x x	COCSPK0625 ** COCSPK0625 **	# # # # # # # # # # # # # # # # # # #	COUSSPK0619 * 6 COUO151 * 6 COC I *	2 COGSPOO	# COSSPK0621 * COU0171 * S ORC I.*	# CD68PK0620 # COU0170 * 6 5CP I

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,16 PAGE 110 OF TABLE 1

*	ARARARARARARARARARARARARARARARARARARAR	在	**************************************	**********	**********	EXIOT CAP	水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	1. 化化基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基
# ACT	* PRIMARY CO. INAM. *	X V		AVE. STATUS		TOT. CAP.	#INC.ENERGY#ENERGY #IOT.ENERGY# # (MWH) # (1000	CLOSO S)	FRGYARNERGY COOTA FRC NOVECONDETTER TROCKS COMPOSITION A C1000 6) 4 (SEQUENCE RANK) 4
. SULT	A	* * 1	(SO M.N)	(CFS) *	(AC FT) * (FT) *	33	E E	CHEE/O)	(OMBOLENCE MANK) *
* C068PK0630 *	* LOBO * MINFRAL	67	37 30 0 *	: : : :	908	K 0 0			化银金银银银银银银银银银银银银银银银银银银银银银银银银银银银银银银银银银银银
0 LCI 0 **		* *	* * M ©	*185.6*	•	0	· · · · · · · · · · · · · · · · · · ·		
* CO6SWADO31	* WAGON WHEEL GAP	* *	37 45.1 *	* *	* * 20 20 40	C	**	2 2 2	
* C0U0199 * * 2 DRC D *	* MTNERAL * Oni USBR	A TO GRANDE +	SO CO	*833.9*	\$25000 *	N N N N N N N N N N N N N N N N N N N		76. 93	
* *	* *	* 1	* *	* 1	40 4	* •			
* CO58PK0635	* CROSO MOUNTAIN		0.28.0	.	15.0.4		0	2266.4	* *
* 2 DRC E *	* *	VAMPA RIVER	108 21.3 * 6106 *	18 *472.2*	* 0 * 4.4	1 00 1	# SP760 #	42,937	* •
* *	* *	* 1	* *	•) I		
* CD68PK9030 *	* CROSS MTCSUNIPERSCROSS	ERECROSS MOUNT	40 28.0	x.	260.0 *	0	* * 0	. 9	•
* CUU0145 * *	* MOTFRE	* 4	108 21,3 *	# # S # S #	* 1 O P O P	130406	* 1004104	56.424	
		* *	· *				r n u		
***************************************			8	*	*				
5	A MOPERATION	GREEN PIVER		* *	6460000	427171	* 761687 *	1.6621	
* 6 DRC I		* 1	15200 *	*8.2922*	518.4	427171	# 781687 *		
- 		* *	* *		* *		* *	* *	
* COSSPKOSUK *	A GUCKATAN		81	*	220.0 *	0	* 0	10417	
* P DRC I *	CORRO	THE TARREST	# 120 00 TOT	1.0	193.8 *	147761	# 0FM101 #	64.568	
* 1	* 4		*				*		* *
* CO65PK0632 *	* LTLY PARK	* *	40 28.0 *	I	* 0.08	0	* * O	9.89	
* 0600000 *	* MOFFAT	YAMPA RIVER *	108 33,0 *		75000 +	10392	* 27156 *	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*
		* *	* *	*0.0811.	* *	10392	5 1 2	••	* 1
***************************************		* *		*	;	•	*		•
* 5200000 *	A MONTANT MEDINALDER A MONTANT	SLATER CREEK *	07 23	* * •	* *	9	* 1	1137.6	* 1
* S DRC I	. 46		1.54		123.6 *	9 2	* * *	•	* *
		* *	* *	* •	* •		* 1	* 1	
* COCSPKO637	MCPHEE DAMSITE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 34	ISBD	270.0 *	0	0	2864.2	* *
* COIIII		UNCUKES WIVERA	108 53.0 *	* 6.06.0*	× 004000	97927	* 101723 *	m	* 1
***	经保护的 经存货 医电子 医电子 医电子 医电子 医电子 医电子 医电子 医电子 医电子 医电子	*************	***************	***********	-	· · · · · · · · · · · · · · · · · · ·	* * *	* 14444444	N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29.16 PAGE 111 OF TABLE 1

* 2024E	化氯化医乙烷 医化乙烷 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	* * * * * *	* * * * *	****	****	****	****	* # * * *	* OP OOT * OOT * OP OOT * OOT
****************	* ********	***	****	****	****	* * * * *	****	****	****
2	# ## ## ## ## ## ## ## ## ## ## ## ## #	143.13 41.130	814°79		5098.7 11.527	6818 69.65 818	5392°7	4058.2 21.818	488 96 70 588
**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * O O O SO OT M M	120000 # # 40160 # # # 40160 # # # # # # # # # # # # # # # # # # #	* * * * * O O * * * * * *	* * * * *	* * * * *	16681.0 16681.0 16681.0 16681.0 16681.0	100000	# # COO # # # COO # # # COO # # # COO # # # #
X X M M M M M M M M M M M M M M M M M M		2 4 4 5 4 5 0 4 4 0 4 4 4	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****		108336 # # 108336 # # # # # # # # # # # # # # # # # #	87130 87130 87130 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		
	13 40 40 40 40 40 40 40 40 40 40 40 40 40	6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	MW7.0 W01000 R15.7.0 ***********************************	000	10 00 00 00 00 00 00 00 00 00 00 00 00 0	44.0000 00000 00000 00000	N 60 00 00 00 00 00 00 00 00 00 00 00 00	25 W 65 W 65 W 75 W 75 W 75 W 75 W 75 W 7	* * * * * * * * * * * * * * * * * * *
E XU	# 								
以		# # # # # # # # # # # # # # # # # # #	T	# # # # # # # # # # # # # # # # # # #	IH 9999	TH 00 00 10 00 10 00 10 00 10 00 10 00 10 00 10 1	N T T T T T T T T T T T T T T T T T T T	IS 1372.00	# O.O.D. # # T. # # # O.O.D. # # # # # # # # # # # # # # # # # #
# C	**************************************	38 27.6 x 1 109 1.8 x DP 200 x = x	4 T 4 0.00 8W 4 T 4 0.00 W 10.00 W 10.	######################################	38 38.4 H 107 46.9 H IS 3980 H = 666	38 27 0 4 H 108 52.9 4 18 4565 4 4997	M	1172	38 0.9 # H # # # # # # # # # # # # # # # # #
* * * * * * * * * * * * * * * * * * *	**************************************	# 38 27.6 # I # 38 27.6 # I IANAL RES # P 200 # 61	* I # 9°0M * TO * 00% * OOMS	# # # # # # # # # # # # # # # # # # #	RED * W& WS.9 * T RIVE* 107 46.9 * IS * 1960 * 1666	07.0 * H 8 52.6 * 18 4565 * 4997	T * 6.04 & X X DE T T T CONTACT T C CONTACT T T CONTACT T T CONTACT T C C CONTACT T C C C C C C C C C C C C C C C C C	43.7 * I 50.5 * IS 1052 * 1172	# # # # # # # # # # # # # # # # # # #
STREET OF THE ST	**************************************	A 38 27 6 4 1 1	# # WB WO WO # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	ED * W& WS.9 * T IVE* 107 46.9 * IS * N960 * =666	A WO DY O A H AIVER 106 52.6 A 109 A 455 A 1997	T 4 MG 466.9 T T 4 C 668.9 T T A C C C C C C C C C C C C C C C C C	1 10 4 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # 00 00 # # # # # # # # # # # # # # #

DATE 14 FEB 81 NATIONAL HYDROGLECTRIC POWER STUDY TIME 22,29,16 PAGE 112 OF TABLE 1

AN A	PRITARY CO. LANAME OF WAME OF WASHINGTON	ENER OF STREAM	* CONGITUDE * CON	****	AVE. G	XX	XXX 0333 04000		E S S S	1
COSSPK0651 COUO168 S DRC I	ANAMANANANANANANANANANANANANANANANANANA		# X X X X X X X X X X X X X X X X X X X	K 4 4 4 4 K 4 4 4 4	**************************************		* * * * * * * * * * * * * * * * * * *	**************************************	######################################	有我有我我我我我我我我我我我我我我我我我我我我我我我我我我我我我我我我我我
C053PK0652 x C0U0169 x S DRC I x	GURAY ND. W	UNCOMPAHGRE	X X X X X X X X X X X X X X X X X X X	R) =40	** * * * * * * * * * * * * * * * * * *	N 4	M M G M	* * * * * * * * * * * * * * * * * * *	2000 2000 2000 2000 2000 2000 2000 200	
COCSPK9003 a CDU0186 a CDU0186 a CRC	R RIDGWAY REG BURAY	UNCOMPAHGRE	X X X X X X X X X X X X X X X X X X X	WW 44 W 44 * * * * *	18CR # 10C 194	200000 200000 200000000000000000000000	15.00 15.00 17.00 17.00 17.00 17.00	170664	200 00 00 00 00 00 00 00 00 00 00 00 00	
COCHROCOS A COCHROCOS A COCHROS A COCHROS A COCHROS A COCHROS A COCHROS A COCHROS A COCKROS A CO	* TARRYALL * PARK * COLO DIV OF WIL	TARRYALL CREI WILDLIFE	* * * * * * * * * * * * * * * * * * *	0 *0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	** * * *	0 IS IS 9 9 0 10 10 10 10 10		31.985	1908
COSSPKO659 COUO130 S DRC IN	D W C C C C C C C C C C C C C C C C C C	ROARING FORK	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	** * * * * * * * * * * * * * * * * * *		on in	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	139,73	
CDSSPKO660 x CDU0131 x S DRC I x	DASTLE CREEK PITKIN	ROARING FORK	# # # 10¢ 16.	N = 2 N * * * * *	2 H 20 H 30 H 30 H 30 H 30 H 30 H 30 H 30 H 3	0 0 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 5 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		53.95.4	
CO5SPK0656** COU0120 * S DRC I**	CHAIR MOUNTAIN	CRYSTAL RIVE	0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.4	2 L S S S S S S S S S S S S S S S S S S	00 Pc 00 Pc 00 Pc 00 Pc 00 Pc	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	
CONSPROSS SECTION OF THE SECTION OF	CRYSTAL PITKIN	CRYSTAL RIVES	* * * * * * * * * * * * * * * * * * *	****	T T T T T T T T T T T T T T T T T T T	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3979		88 88 88 88 88 88 88 88 88 88 88 88 88	
* COUSPROGSS # HOT SPRINGS * COUO118 # PITKIN CRYSTAL RIVE * S DRC I #	HOT SPRINGS	CRYSTAL RIVER	# 39 15.9 R# 107 13.4	***	* * * 00 I. III	* * *	S 44 0	* C1324	1324.6	

DATE 14 FEB B! NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,16 PAGE 113 OF TABLE 1

	*								4
* 00724 * 2024 * 00824	**************************************			9	5	. 01			
	**								
*	* 4 M		80		Pri et			2.40	40 H
200 AT	# 4 60 # 4 60 # 50 # 50 # 50 # 50 # 50 # 50 # 50 # 5	55.55	82.88.99.98.99.99.99.99.99.99.99.99.99.99.	546.84 24.84	A M O M A R A R	2208. W1.801	6643 1504 15049	11 G W 0 W 0	M M M M M M M M M M M M M M M M M M M
* < EU * * * * * * * * * CO >> >	*****	ON 10	****	****	* * * * *	****	****	****	0
A STATE OF S	# 0000 # 0000 # 0000	3061 3061	M W		50 St.	70110	4 4 4 4 4	E E E E	
* 4 4 C		797	6 6 211 0 0 4 11	44 54 64 64 64 64	0 m m 999 999 999	10774	2 to 80	12 12 14 16 16 16 16 16 16 16 16 16 16 16 16 16	# 00 00 00 00 00 00 00 00 00 00 00 00 00
	* * * * * * *	****	****	****	****	****	****	****	* * * * *
FIGE CF C		50°0	4650 4650 650 650	287.0 119007 249.0	50.0	50.00 0.00 19.81	172.0 317000 36.4	46642 13642 13682 8	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	* * * * * *	****	****	****	# # # # # # # # # #	****	*****	*****	
# # # # U	* * * * * * * * * * * * * * * * * * * *	7	* 1.2	2 co	10 10 8	261	-	v e	
# D = W = W = W = W = W = W = W = W = W =	* 0 * 0 * x m		5	18C 0P 80	₩ 3	1 S 1 S 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	a H	**	
********* * O O	* 00 * I III * 4 * * * * * 5 * 6 *	****** *****	T T T T T T T T T T T T T T T T T T T	****	M 8 5 5 7 M 4 * * * *	****	4 * * * *	**** 80 CT 80 CT 8	* * * *
	* X * C * O * O * O * O * O * O * O * O * O	00 - 00 - 00 - 00 - 00 - 00 - 00 - 00	11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21.7 # 1RC 49.0 # 0P 22.3 # # 2.0 P	W	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	19.7 * CR 36.3 * GI 917 * 81	16.1 * ICGR 43.4 * DP 4670 * B4	* * * *
	* 00 * I III * 4 * * * * * 5 * 6 *	# # # # # # # # # # # # # # # # # # #	1.0° 0.0° 1.0° 0.0° 1.0° 0.0° 1.0° 0.0° 1.0° 0.0° 1.0° 0.0° 1.0° 0.0° 1.0° 1	M	E H S S S S S S S S S S S S S S S S S S	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6.1 * ICSR 43.4 * DP 670 * 84	* * * *
T + LCAINTON T + L	1	**************************************	T # 0 14 0 1 4 0 0 0 1 4 0 0 0 0 1 4 0 0 0 0	* 39 21.7 * IRC RIV* 106 49.0 * OP * 223 * 2	T 4 00 10 0 0 4 X X 00 10 0 0 1 4 X 10 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	106 000 4 4 Xc	A 100 100 7 A C.R. A C.R. A 017 A 01	# 38 16.1 # ICGR # 104 43.4 # DP # 4670 # 84	4 M9 M6 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
T + LCAINTON T + L	1	A 14 14 14 14 14 14 14 14 14 14 14 14 14	A 30 14.0 A I A O SIVERA 107 13.0 A I A 10.0 A I A I A I A I A I A I A I A I A I A	* 39 21.7 * IRC RIV* 106 49.0 * OP * 223 * 2	T 4 0.10 0 4 4 XXDP	T * 0.00 00 * * XXCOF	A 100 100 7 A C.R. A C.R. A 017 A 01	# 38 16.1 # ICGR # 104 43.4 # DP # 4670 # 84	4 M9 M6 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
T + LCAINTON T + L	1	A 14 14 14 14 14 14 14 14 14 14 14 14 14	A 30 14.0 A I A O SIVERA 107 13.0 A I A 10.0 A I A I A I A I A I A I A I A I A I A	* 39 21.7 * IRC RIV* 106 49.0 * OP * 223 * 2	T 4 0.10 0 4 4 XXDP	T * 0.00 00 * * XXCOF	A 100 100 7 A C.R. A C.R. A 017 A 01	# 38 16.1 # ICGR # 104 43.4 # DP # 4670 # 84	4 M9 M6 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
T + LCAINTON T + L	1	**************************************	T 4 0 14 0 4 4 0 0 1 4 6 0 1 4	* 39 21.7 * 18C * 39 21.7 * 18C * 106 49.0 * 0P * 223 * 2	T 4 0.10 W 4 X COARING TANGE TO T 10.10 TO T A COARING TORK A COARING TO THE TANGE	106 000 4 4 Xc	R	# 38 16.1 # ICGR IVE# 104 43.4 # DP # 4670 # 84	4 M9 M6 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
T + LCAINTON T + L	1	* 39 19.9 * T CRYSTAL RIVER* 107 12.55 * IS * 215 * * 215 * * 81	A 30 14.0 A I A O SIVERA 107 13.0 A I A 10.0 A I A I A I A I A I A I A I A I A I A	* 39 21.7 * 18C * 39 21.7 * 18C * 106 49.0 * 0P * 223 * 2	T 4 0.10 W 4 X COARING TANGE TO T 10.10 TO T A COARING TORK A COARING TO THE TANGE	ROARING FORK # 106 19.9 # IS	FOUNTAIN CREE 104 M6 M + GT + CR + 104 M6 M + GT + 1104 M6 M + GT + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	A 38 16.1 A ICGN A ANKANGAG DIVER 104 43.4 A DP A 4670 A 84	4 M9 M6 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
T + LCAINTON T + L	######################################	* 39 19.9 * T CRYSTAL RIVER* 107 12.55 * IS * 215 * * 215 * * 81	A M9 14°0 A T T T T T T T T T T T T T T T T T T	# 39 21.7 # IRC FRYINGPAN RIV# 106 49.0 # 0P # 223 # 2	CHERK AUGULOUS TO	ROARING FORK # 106 19.9 # IS	DAM FOUNTAIN CREEK 104 36.3 x 61 x 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A 38 16.1 A ICGN A ANKANGAG DIVER 104 43.4 A DP A 4670 A 84	4 M9 M6 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
T + LCAINTON T + L	######################################	* 39 19.9 * T CRYSTAL RIVER* 107 12.55 * IS * 215 * * 215 * * 81	A M9 14°0 A T T T T T T T T T T T T T T T T T T	# 39 21.7 # IRC FRYINGPAN RIV# 106 49.0 # 0P # 223 # 2	CHERK AUGULOUS TO	T * 0.00 00 * * XXCOF	FOUNTAIN CREE 104 M6 M + GT + CR + 104 M6 M + GT + 1104 M6 M + GT + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	A 38 16.1 A ICGN A ANKANGAG DIVER 104 43.4 A DP A 4670 A 84	4 M9 M6 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
T + LCAINTON T + L	STATES OF THE ST	A MY SUPAIG CRYSTAL RIVERA 107 128 B IS THE TOTAL RIVERA 107 128 B IS THE TOTAL RIVERA 107 128 B IS THE TOTAL RIVERA 107 128 B IS	A DEDSTONE A STAND A 14.0 A T A 0.14.0 A T A 0.14.0 A T A 0.14.0 A 13.0 A 13.0 A 4.00	* * * * * * * * * * * * * * * * * * *	A BLOWNAGO CREEK A BLOW A BLOW A LOW A BLOW	A WOODY CREEK A WOODY CREEK A WOODY CREEK A WOODY CREEK A WOODY A ING	A FOUNTAIN DAM A GOUNTAIN CREEF 104 M6.3 + GT A DAEN GWA A 917 + A 917 + A 4 917 + A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* AB 16.1 * ICGR * AB 16.1 * ICGR * PUEBLO DAM * ARKANGAS RIVE* 104 43.4 * OP * DOI USBR * 4670 * 84	4 M9 M6 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TERRESPECTATE THE CO.) A C. (N. C.) A C. (N.	PARAMENTE STATES OF THE STATES	AT SOPRIO CRYSTAL RIVERA 107 128 M & 41	A M9 14°0 A T T T T T T T T T T T T T T T T T T	RUEDI RESERVOIR PITKIN FRYINGPAN RIVA 106 49.0 * OP US * WPRS * AS A A A A A A A A A A A A A A A A A	CHERK AUGULOUS TO	ROARING FORK # 106 19.9 # IS	DAM FOUNTAIN CREEK 104 36.3 x 61 x 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	PUEBLO DAM * 38 16.1 * ICGR PUEBLO ARKANGAS RIVE* 104 43.4 * DP DOI USBR * 4670 * 84	BIG BEAVER * 19 56.4 * TTO BLANCO TREWHITE RIVE* 107 38.5 * COLO DIV OF WILDLIFE * * 170 *******************************

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,17 PAGE 114 OF TABLE 1

#	化催化物 化有量性 化化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲	######################################	* * * * *		4 4 4 4 4	****		2	
4 1- m	* * * * *	****		4444	on	****		****	6 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
ANUL.	# # # # # # # # # # # # # # # # # # #	1905 31,905 105	1518.1	N 60 W 60	0.0 0.0 0.0 0.0 0.0 0.0	1272°57	1303. 41. 9	27.26.1 28.530	10000 10000
* 14 14 14 14 14 14	* * * * * * * * * * * * * * * * * * *				4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	17786 1	W W W W W W W W W W W W W W W W W W W	88 88 88 88 88 88 88 88 88 88 88 88 88	2
* * * * * * * * * * * * * * * * * * *		99874		C 20 40 N N 40 40 M M N N	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7871	10 11g	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	在 (1) (1) 本 (2) (2) 本 (3) 本 (4) 本 (5) 本 (6) 本 (7) 本 (7) 本 (8) 本 (8) 本 (9) (9) (9) 本 (9) (9) (9) (9) (9
# # # # # # # # # # # # # # # # # # #	**************************************	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* * * * * C C C D D M D		* * * * * O O O O O	* O * * * O * * * * * * * * * * * * * *
****	* * * *	****	* * * * *	****	****	****	* * * * *	****	
* DD * E	な AI で ま	1.0 1.0 1.06	TH SH SH SH SH SH SH SH SH SH SH SH SH SH	IS IS 1708	18 18 18	T I S	2 T T T T T T T T T T T T T T T T T T T	T 13	# # # # # #
*D * E * C * C * C * C * C * C * C * C * C	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6 73	0.4 0.50 0.00 0.00 0.00 0.00 0.00 0.00 0	3.9 ***	~ NU	8 Ø3	80.00 10.00 10.00 10.00 10.00	8 429	****
# 1 A 11 11 10 0	# # ON #	107 000 000 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T # # # # # # # # # # # # # # # # # # #	3.9 1.0 020 020 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	4 40 11 4 4 10 4 11 10 4 11 10 4 11 10 4 11 10 4 11 10 4 11 10 4 11 10 10	107 25°1 4 T	44.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	EC * 19 57 0 * 1	****
AT A CONDITION A A CONDITION A	# * ON * * * * ON * * * * ON * * * ON *	0RK EH# 107 U6.00 # 14 00 00 # 14 10 00 00 # 14 10 00 00 # 14 10 00 00 # 14 10 00 00 00 10 10 10 10 10 10 10 10 10	X W9 57°55 X X X X X X X X X X X X X X X X X X	4 40 30 90 1 8 1 1 8 4 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 1 8 1 8 1 1 1	4 40 11 4 4 10 4 11 10 4 11 10 4 11 10 4 11 10 4 11 10 4 11 10 4 11 10 10	SOLA* 39 51.4 * H H MH* 107 26.1 * 10 59 *	8 4 4 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	SEC# 39 57 0 * T	****
AT A CONDITION A A CONDITION A	# * ON * * * * ON * * * * ON * * * ON *	# 10 HOUTH # 10 10 00 1 H I I I I I I I I I I I I I I I I I I	TO MOUTH * W9 57,55 * T SOUTH FORK M* 107 W5,4 * 108	* 4 40 % 9 * 1 8 4 1 0 9 1 0 0 0 4 1 8 4 1 8 4 1 8 1 8 1 8 1 8 1 8 1 8 1	A WO MMEKER 40 14 9 4 T T A WAY WAY A WAY	SOLA* 39 51.4 * H H MH* 107 26.1 * 10 59 *	CAN * 4.00 N° 51 * 1.00 T * 1.00 N° 51 * 1.0	SEC# 39 57 0 * T	****
AT A LONGITUDE A T A LONGITUDE A T A LONGITUDE A T D A T D A T D C D D A T D C D D D D D D D D D D D D D D D D D	# # # # # # # # # # # # # # # # # # #	0RK EH# 107 U6.00 # 14 00 00 # 14 10 00 00 # 14 10 00 00 # 14 10 00 00 # 14 10 00 00 00 10 10 10 10 10 10 10 10 10	X W9 57°55 X X X X X X X X X X X X X X X X X X	AIVER * 109 1.0 * 10 4 10 4 10 4 10 4 10 4 10 4 10 4 1	00 MEEKRE 40 % 9 T T T VER 100 % 100	107 25°1 4 T	00 00 4 4 1 3 00 00 00 00 00 00 00 00 00 00 00 00 0	TION SEC# 39 57.0 * T RIVER * 107 45.0 * 15 4 45.0 * 15	本 100 00 x X X 100 00 x x 100 00 x X X 100 00 x X X 100 00 x x X 100 0 x x x x x x x x x x x x x x x x x

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29.17 PAGE 115 OF TABLE 1

A THAILLUNG ADROIS DUNDS & DAN NI A MIXINGTERA ARRESTANTS ARRESTANTS ARRESTANTS AND ARRONDING ADROIS DUNDS & DAN NI A MIXINGTERA MEXINGTONIC. CONTROLL CONTROLL CONTROLL CONTROLL CONTROLL CONTROLL CONTROLL CONTROLL CONTROLL ARROND A CONTROLL A CONT	医脊髓性腺素性骨髓性腺素性骨髓性腺素性腺素性原性性原性性原性性原性性原性性原性性原性性原性性原性性原性性原性性原性性原性	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	LAKE CATAMOUNT # 40 21.3 * R * 156.0 * 0 * 150.51 * * R * 156.0 * 0 * 150.51 * * R * 156.0 * 0 * 150.51 * * R * 156.0 * 1014 * 150.51 * * * 156.0 * 1014 * 150.0 * 1014 * 150.0 * 1016 *	ALLS	AT 4 20011-9 A T 4 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	130.00	TLLE ANIMAS RIVER & 107 468.55 F F & 3200.0 A 0 A 0 A 4882.0 F F A 3200.0 A 0 A 4882.0 F F A 11377 F 489.10 F F A 11377 F A 11377 F A 11377 F F F F F F F F F F F F F F F F F F	TA ANNEAS TIVES A TA 1850 A O 4 O 4 O 4 O 4 O 4 O 4 O 4 O 4 O 4 O	
* X	* E	GRANDE ***	****	# * * * * *	PIVER # # # 00	* * * * * W >> H &	Ω Η Ε Ε Ε Ε Ε Ε Ε Ε Ε Ε Ε Ε Ε	THAT THE THAT THE THAT THE THAT THAT THE THAT THAT	*
PACCE SANGER OF TARKE	**************************************	GERRARD RIO GRANDE FERC	* LAKE CATAMOUNT * ROUTT * PLEASANT VALLE *	SLATER FALLS ROUTT	UPPER BEAR ROUTT	EDACO OCETIVA F	TOWARDOVILLE	S COEEK	
* * * * * * * * * * * * * * * * * * *	**************************************	CD68WA9043	COC8PK0684 COC8PK0684	COTSPKO678 COTSPKO678 COTSPANS	CO68PK0677	COUSBPK0689	C078PK0685 C0100172 5 DRC I	# C07SPK0687	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.17 PAGE 16 OF TABLE 1

* FR 11 10 NO *	SECTION AND SECTION OF SECTION	大学女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女	*********** * LATITUDE * *LONGITUDE *	**************************************	* FE EVO ** * FE EVO ** * FE EVO **	RXKKRAKKKKK RXHOHDOHDO RXHOHDOHDO RYCO	本本水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水	********* ANUL. COS ENERGY CO	STREET OF STREET
ACTV CODE CO			* (D M.M) * (O M	AVE. D. T.	ACT.	CKEN EXECT EXE EXE EXE EXE EXE EXE EXE EXE EXE EX	TOTAL CANA CHEN CHEN CHEN CHEN CHEN CHEN CHEN CHEN	(1000 S)	(SEDUENCE RANK)
************ * CO6097X0686 * * COC0177 * * S GAN H *	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	**************************************	**************************************	######################################	4 4 4 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17707	## ## ## ## ## ## ## ## ## ## ## ## ##	# # # # # # # # # # # # # # # # # # #	化金属 化水杨 化化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化
* COUSPKO696 * COUO104 * 2 DRC 1	A HORSEFLY CREEK SAN MIGUEL	SAN MIGUEL RI	# # # O O O O O O O O O O O O O O O O O	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * *	N 40 40 40 40 40 10 10 10 10 10 10 10 10 10 10 10 10 10	sn O
# COUNTY # 10 COUN	HURSEFLY SITE.	TO MOUTH SAN MIGUEL RI	# W6 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	THOM SO THE SO T	50°00 1242	318 318 318 318 32		2.000 2.000 2.000 7.100	
00% PKO640 *** COUCO 98 *** COUCO 98 ***	HOWANDS FORK SAN MIGUEL	SAN MIGUEL PI	1	本を在本本	C # # # # # C O M. C O M. C O M. C O M.	002E	0.00	70. 70. 80. 40 60. 60 60. 60	
CUCSB COO 159	FLIC LANDS SAN MIGUEL	NATURITA CREE	1	I * * 00 * * * * * * * * * * * * * * * *	20 00 00 00 00 00 00 00 00 00 00 00 00 0	99	*****	250 250 24 264 264	
COSSPK0692 COU0100	* PLACERVILLE * SAN MIGUEL *	SAN MIGUEL RI	* 36 1 8 * * * * * * * * * * * * * * * * * *	100 E 00 E 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 M	C P P 87 87 80 80	**** **** *****	817 126.59	
# CO48PK0694 # CDU0102 # 5 DRC I	* SALTADO DAN SI * SAN MIGUEL	SITE SAN MIGHEL RI	* * * * * * * * * * * * * * * * * * *	* * * * * ** ** ** ** ** ** ** *	10 10 10 10 10 10 10 10 10 10 10 10 10 1	18948 18948	* * * * * * * * * * * * * * * * * * *	M @ 4 N N O O O O O	
* CD5SPK0695 * CDU0103 * 2 DRC I *	* SALTADO DS TO	MCKENZIE CREEK SAN MIGUEL CR	# # # # # # # # # # # # # # # # # # #	E T SI	N	7165	3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	47.884	4 0
# COUNTY OF THE PROPERTY OF TH	A COUSDROAD & GAMPIT COUCOOD & GAMPIT * COUCOOD & GAN MIGUEL SAN MIGUEL * GOODOOD & GAN MIGUEL SAN MIGUEL * GOODOOD & GAN MIGUEL SAN MIGUEL * GOODOOD & GAN MIGUEL SAN MIGUEL SAN MIGUEL WAS COUNTY OF THE COURT		# MV 509 44 # # # # # # # # # # # # # # # # # #	C	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	O 10 10 10 10 10 10 10 10 10 10 10 10 10	* * * * * * * * * * * * * * * * * * *	1000 400 100 100 100 100 100 100 100 100	

DATE 14 FEB 81 NATIONAL HVORDELECTRIC POWER STUDY TIME 22,29,17 PAGE 117 OF TABLE 1

**************************************		****	# # # # # # Wn O	
######################################		1666 666 688 588 588 588 588 588 588 588	200 200 200 200 200 200 200	4
######################################	4 4 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	71.17 4.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	000 000 000 000 000 000 000 000 000 00	* * * * * * * * * * * * * * * * * * *
MX A A A A A A A A A A A A A A A A A A A	# # # # 00 0 10	# # # # # O M M T T or or or or T T	20 22 24 000 000 4444	# # # # # # # # # # # # # # # # # # #
2 X X X X X X X X X X X X X X X X X X X	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N N N N N N N N N N N N N N N N N N N	25.04.05.05.05.05.05.05.05.05.05.05.05.05.05.	20 CO CO SE CO
**************************************	T.O.	18 18 *814 ***	80 GU	在 在
# # # # # # # # # # # # # # # # # # #	# MA CO 4 X	39 48 9 106 11 00 ***	49 W7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# CO CO G # # # # # # # # # # # # # # # # # #
	* AND TO	ACORN CREEK BLUE RIVER *	DILLON SUMMIT BEUE RIVER * DENVER WATER BOARD	A COUSSPRO703 & TAILWATER GREEN MAN DAY 10 8% A COUSSPRO703 & SUMMIT BLIE RIVER & A COUST A STATE BLIE RIVER & A COUST A STATE
######################################		* COSSPKATOR * ACGRN * COUCLES * SUMMIT	* COCSPKD706 * DILLON * COO2005 * SUMMIT * 2 DRC * DENVER	* COSSPKO703 * TAIL * COUO150 * SUMP * COUO150 * SUMP * SO OR I *



SCALE OEVELOPMENT 30 M A L L ADDITIONAL > 0 0 14 2 Z V OE C: Se. CAPACITY POTENTIAL HYDROELECTRIC PHYSICAL

F D O H F O B N N O O

<u>a.</u>

STATE

w T

z

	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* • • • • • • • • • • • • • • • • • • •	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	* *	# # E E E E E E E E E E E E E E E E E E	* 0 :					» of
	* * 3 * E	* * * * * * * * * * * * * * * * * * *	* 10.00 * 0.00 * 0.00	* F. W. *	# 3 # 30 # 00	# iñ û e # en/) # up û #	K (U,O)	
	· ·	**************************************		# 10 40 # 10 40 # 10 40 # # # # # # # #		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	00 BANGT
	*	## ## ## ## ## ## ## ## ## ## ## ## ##						CAPACITY (SUM OF BELLEN HEAD RANGE
673 - 1	* 3 2 5	* Z D		0		0	* * * * * • C	18 18 18 18 18 18 18 18 18 18 18 18 18 1
		* × 🛏				* * * * * O	* * * * * * * * * * * * * * * * * * *	NEW POTTENTIAL CORP. C
4		**************************************	0	0	0	0	0	H
2 1		* H T T T T T T T T T T T T T T T T T T		* * * * * * * * * * * * * * * * * * *			(UW)	\$ 11 l
4	* 3 * I	CONTRACT CON			C	0	* * * * * * * * * * * * * * * * * * *	к (5) к (ш
POTENTIAL	K # # X X X X X X X X X X X X X X X X X	# # # # # # # # # # # # # # # # # # #	* * * * * C C	M M M M M M M M M M M M M M M M M M M	* * * * * C C	* * * * * O C	# # # # # # 6 4 # 57 # 19 #1	00 K
1		K K K K K K K K K K K K K K K K K K K	6 0 0 8 00 0 8 00 0 8 00 0 8 00 0	6 d 6 d 6 d 6 d 6 d 6 d 7 d 7 d 8	* * * * * * * ***** * ***** * ***** * ****	C	() m () m () m () m () m	
1	k ·	**************************************		* 0.10	k 1	RARBER RECENT OF THE ROOM ROOM ROOM ROOM RECENT OF THE ROOM RECENT OF THE ROOM ROOM RECENT OF THE ROOM RECENT OF THE ROOM ROOM ROOM ROOM ROOM ROOM ROOM ROO	* * * * * * * * * * * * * * * * * * *	k
1 1 1 1 1	化化水体化水体化水体化水体化水体化水体化水体化水体化水体化水体化水体化水体化水体	A SARAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKA	k 0			 	* * * * * * * * * * * * * * * * * * * *	CAPAC ALCAP
	K 32	* * * * * * * * * * * * * * * * * * *	C C C C C C C C C C C C C C C C C C C	K -0 000 . 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	E . 40 E . 40	erente un euro erente un euro un euro erente e erente erente erente erente e erente e e e e e e e e e e e e e e e e e e	###### 	1
4		* * * * * * * * * * * * * * * * * * *	# # # # M c0 	vo ru			* # # # # # # - M	# # # # # # # # # # # # # # # # # # #
**** E3	 	33X 4		E 20-EE 6 E 60-CE 6 E 67-> 6 E 84-8-8-8-8	**************************************	* * * * * * * * * * * * * * * * * * *		N N N N N N N N N N N N N N N N N N N
****	le iu 1= 2	ه ⊶افطان ا ا	0-1-0	0 ¢		C C	T0TA	t .

DEVELOPMENT ADDITIONAL CONNECTICUL > 0 a u 02 13 Na. N O **6**0 OTENTIAL CAPACITY STATE ο. T. T X O I C A L HYDRUELECTRIC

* * * * * * * * * * * * * * * * * * *		经有关股票股票的股票的现在分词的股票的股票的股票的股票的股票的股票的股票的股票的股票的股票的股票的股票的股票的	*	***************	化苯胺甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	*
NOT NOT	GENATER TEAN ON TE		r 687		4 4 4 3 Z ()	4 4 4 3 Z ()
0	REMARKS AND	SANTANTANTANTANTANTANTANTANTANTANTANTANTA	43 ≥ 3 → 1	* * LO C C C C C C C C C C C C C C C C C C	**************************************	**************************************
0				**************************************	本	
0		* * * * * * * * * * * * * * * * * * *		2		
1	# # # # # # # # # # # # # # # # # # #		X			は
10	**************************************	**************************************		2	**************************************	
	40°0 40°0 44°0 0 40°0 44°0 0 40°0 40°0			数 数 数 数 数 数 数 数 数 数 数 数 数 数	数数数数数数数数数数数数数数数数数数数数数数数数数数数数数数数数数数数数	# # # # # # # # # # # # # # # # # # #

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,34 PAGE 1 OF TABLE 1

* 000 4 4 4		1951	****	M13 1813 **	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	514 1514 *	1129	4 4 00 M M M 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* HO E & WO HO	1000 L	1891		1313	1312	1342	1514	1129	1538
* F O O O T		36.789	* * * * *	198 39.4 4 4.8 4 6.8 4 6.8 6 6 6.8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	197.80 W8.744	100°0010000000000000000000000000000000	109.49 88.319	1100 1100 1100 1100 1100 1100 1100 110	146.34 * 1500 64.804 * 1500 84.804 * 1500 86.804 * 1500 86.804 * 1500
* * * * * * * * * * * * * * * * * * *		0.00 144 000 144	# # # # # # # # # # # # # # # # # # #	80 8	Nu nu Coc Con nu Con nu	44 0 m m	* * * * * * * * * * * * * * * * * * *	00 00 00 00 00 00 00 00 00 00 00 00 00	C C C C C C C C C C C C C C C C C C C
# 80 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		44 ONN 6 4 4 4 4 1		20 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # * O = = O = = O = = O = =	# # # # # # # # # # # # # # # # # # #	# # # # # # # C 10 00 AI AI 11 11	E T T T T T T T T T T T T T T T T T T T	E # # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #		110000 0000 0000	000	0 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**** 000 000 000 000 000 000			000	N N 4
* T = C = C = * T = C = C = C = C = C = C = C = C = C =		S T T T T T T T T T T T T T T T T T T T	X	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		00 cc c	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4 0 4 4 6 6 6 4 4 6 6 6 6 6 6 6 6 6 6 6
**************************************		17 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	* 41 22 8 * 73 10 8 * 1541	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * 3	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
TANCE OF TAN	A BAIDGED A TADALIC AIVER A BAIL AIVER	S OF SENIOR DAM FAIRFIELD E BR SAU R R BRINGE PORT HYDRAULIC CO.	STEVENSON FAIRFIELD LAKE ZOAR CT I IGHT AND POWER	COLLING CO LE D FIRTHFORD FRENCHING TO FIRTHFORD FRENCHIOLE	* COLLING CO DAM ** COLLING CO DAM ** HARTFORD ** TANNOTN TO ** STATE OF CONNECTICUT	A COLLINS CO BY FABRINGTON FOR COLLINS CO. DAR	R CT NONAME 31 R HARTFORD BCANTIC RIVER R SPRINGBORN LAB. INC.	* ENFTELD DAM-CANAL SYSTEM * HARTFORD CONN. RIVER * 1 POWER PLANT ALONG CANAL	A CTANEDSS29 & FARMINGTON F10 CTOOS97 & TARTFORD CTOOS97 & TARTFORD A DAC A MS. TRICK WINTER
# # # # # # # # # # # # # # # # # # #		CTCNED0012	CTINEDSOOL CTSOORS F OFC	THE COORTS	CTMNEDDOS6	** CTONEDOOM8 ** CTSO744	## CTCNED9916 ## DRC 09916	# # # # # # # # # # # # # # # # # # #	A CTMNEDBS29

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,34

4 000 X 4 000		0	1251	9 8 8 8 8 9 80 80	****	***		6 6 8 8 8 9 9	# # # # # # O # 60 # 60 # 60 # 60 # 60 # 60 # 60 # 60
* HOY W W C * C Z O Z O Z O Z O Z O Z O Z O Z O Z O Z	1242	1410	1421	1236			1257	1349	1306
**************************************	# CO # CO # CO # CO	1410	1 4 2 3	1236			1257	1349	1306 1306 1306
***	* * * * * * * * *	****	* * * * *	* * * * *	* * * * *	***	****	****	* * * * *
# C C C C C C C C C C C C C C C C C C C	# 47 M # 10 O # 10 O # 4 O # 4 O # 4 O #	354.29 57.701	68,453 60,496	29.361	© ©	00	25 65 65 65 65 65 65 65 65 65 65 65 65 65	104. 44.107	3453.9
	k K								
KZCC KUUUU KOUU KOUU KOUU KOUUU KOUUU KOUUU KOUUU KOUUU KOUUU KOUUU KOUUU KOUUU		M W W OO A M C OO A M	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	44 00 00 010 010	4 + + + + + + + + + + + + + + + + + + +			M M M M O M M O M M	* * * * * * * * * * * * * * * * * * *
k i	# # # # # # # # # # # # # #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	· · · · · · · · · · · · · ·	444	# # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	60 60 53 53 55 60 5 60 5 60 5 60 5 60 5 60 5 60 5 6	2.2 0.00 0.00 2.4 4 4 4	
**********		x * * * *	****	****	****	***	***	***	************
**************************************	1040040	0 0	0 0 0 0	101000	11 0 0 0 0	200°0 199°8	132000	4 4 N N	10000
IA	: : :		* * * * *	****	***	****	***	***	
# 2 P P P P P P P P P P P P P P P P P P		106 3 6 4		8 90 101 4.001	100 1374	70. 70.	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	80 C3	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
* 0.				****	****				
######################################		N 4 N ~ N N 4 W	- 10 - 10 - 10 - 10	24 7- 4 7- 6 07	4 W 0 V 6 0 V 8 0 ≈	N W 4 N 6 6 4 1 W O	M & &	0 m ==	9 M M
* - 0 . G	K 4 FV	- C	4 M	120	3 K	4 K	4 P	41.0	N
, I	k * * * * * * † *	K * * *	****	****	****	# # # # # 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	****	* * * * * b.	CC + * * * * *
6 4 U C C C C C C C C C C C C C C C C C C	**************************************	A E E E E E E E E E E E E E E E E E E E	ANTACO DI	m er er er	HOUGHOUND	SANDLEWOOD	3 4 7 8 8 8 8		
* F Z Z * C	HANGERS NEWS NEWS NEWS NEWS NEWS NEWS NEWS NEW	RAINBOW POND FARMINGTON TARMINGTON DIVER WATER CO	VTA PROJECT L TCHFIELD LLIGHT AND P	BARKHAMSTED RS Litchfield MDC	BULLS BRIDGE LITCHFIELD CT IIGHT AND PO	CANDLEWDDD LAKE-ROCKY RIV LTTCHFIELD CANDLEWDDD CT LIGHT AND POWER	COLEBRK RV LK Litchfield Daen Ned	COMPENSATING RIVER LITCHFIELD EAST BRANC HETROPOLITAIN DISTRICT	* CT*NEDOSO1 * CT NONAME THIRTEEN CT*0228 * LITCHFIELD HOUSATONIC * CT*0228 * CT*LIGHT AND POWER
* E * E * * * * * * * * * * * * * * * *	* * * * * * * 1 *	****	***	****	***	****	***	****	****
* FF 4 C	CTCNEDGOSA CTCNEDGOSA CT SA1	CTGNED8002 CT60039 2 DRC	CTANEDASIZ CTOIO19	CTCNEDOOB1 CT 376 2 DRC 1	CTGNEDGOO7 CT60548	CTLNED8005 CT60224 2 DFC	CTCNEDDOT1 CTT0506	CTCNE09518 CTCNE09518 DAC DAC	CTVNEDOSO1

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,000,35 PAGE 3 OF TABLE 1

		***	***	* * * *	****	****		****	* * * * *
* ********	# 0; # 0;	1068	320	1403	1 454	4 72	3 B 4	5	290
ARXINATE DOST ARXINATE ARXINAT	K 60 K 60 K 50 K 51	068	320 1	1403	454	245	384	512	1062 1062 1062
# CO	1295	-	-			er.	=	2	7 70
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2	1068	1320	1403	1454	124	1384	151	1062
* * * * * * * * * * * * * * * * * * *	****	****	****	****	*****	****	* * * * *	***	
CE S	* CO -	4. 1.0 1.0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	13.8 13.8 13.8	1.97 .850	5.11	2. 4. 4. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	# 308 7 W H	20.596 6.9094
100 (8)	M M	1 W	W W	4 to	66	30.	= E	9 00	0.4
****** ******	****	****	****	****	*****	033	034	O O O	0 m m 1
* * * * * * * * * * * * * * * * * * *	89 4 50 8 8 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00	20 1 30 1 30 1 30 1 30 1 30 1 30 1 30 1	1700 -812 887	167	3 50 3 50 3 50 3 50	25 20 20 20 20 20 20 20 20 20 20 20 20 20	HH	M 40 40 40 40 40 40 40 40 40 40 40 40 40
10 + 1111 10 + 1111 10 + 1111 10 + 1111		W [‡] W							•
		****	****	****	000			* * * * * 1	* * * * * * * * * * * M M O
* 4 4 G	1.06.0 1.06.0 1.06.0	0 M M 0 M M 0 M M	M W 00 00 0 V V	0 10 10	10 10 10 40	2 2 0 0 0	4 4	เก เก ณ ณ	0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* 0333 * 222 * 222	# # !	-							*
MOH XZO WHF	: :								# # # # # #
- RO -		000	000	0 0 0 0	000	000	0 0 IA	000	30°0 30°0 40°0
E E E E E E E E E E E E E E E E E E E	. ~ ~	0 M	5712	2 Z	3 4	17	9 N	9 9	ON M #
1	* * * * * * * * * * * * * * * * * * *	****	* * * *	* * * *	****	****	****	****	
1		1095.6	, iv	96.	•61°	85 55 85 85	189.	-41.	T * * * * * * * * * * * * * * * * * * *
AVE COTE OF CO	9	. e =	ω <u>ε</u> .	1 0 C	ω <u>C</u>		ပ _{ြော} ်	လ င်	I G
	: : : * * * *	****	* * * *		****	****	* * * * * *		
CO PROPERTY OF CO PRO	K * # N K & N O	10 N 30 A 4 M 4 P N	6.0 W • •	0 00 0 10 10	W - W	40.0 40.0 40.0	7°7	6.6 20	0.00
420000	441 441 444 444 444 444 444 444 444 444	14 W	4 F	14 V	41. 42.	4 to 100		2 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * * * * *	****	****	****	****	****	****	****	# # # # # CC	H
# 60 # 121 # 121	ជិ	Sai .	> H	a I ce	7 14		ax ~	5	
# 9 # 57) #	HOUGATONIC	VILLAGE Satonic Ight	NEPAUG-RIV		A UG	ATO	NAUGTUCK	HAMMONAGG	NAUGATUCK CO.
	NO CH	871 970 100 100 100 100 100 100 100 100 100 1	A C	STILL	EGERVOIR D GHEPAUG Mater Dept	HOUS	N U G	T C C	NAUG
W	* - X	2FAL	370	< W	3 E	יונו	Σ	DAM	
* C	200	בר ה ה	到 丁 & C	115.+	# C ≥	A C T	S C C	€ 3 E	0 Z
α * > * α	* * * * * * * * * * * * * * * * * * *	T T T T T T T T T T T T T T T T T T T	2 H H H H H H H	2 I I I I I I I I I I I I I I I I I I I	A HE GREEN	HEAM	8 II P H S C M C	A M A A	HAN
A A A A A A A A A A A A A A A A A A A	STATEMENT TO THE CONTRACT OF T	GREAT FALLS ZFALLS VILLAG LITCHFIELD HOUSATONIC MARYFORD ELECTRIC LIGHT	NEPAUG RES Litchfield Moc	ROBERTSVILLE (LITCHFIELD CT LIGHT + PO	SWEPAUG REGERVOIR LITCHFIELD SH Waterbury Water D	SPOONER DAM LTTCHFIELD HOUSATONIC NORTHEAST UTILITIES	THOMASTON DA LITCHPIELD DAEN NED	TAMEDNA SOURT THOUSENE THOUSENE TAVES TA	* CTGNED8013 * CONF POND * CT60619 * NEW MAVEN NAUGATUCK R * 2 DRC * AMERICAN BRASS CO.
*	* * * * *	****	* * * * *	****	****	****	****	****	***
	2004 2004 3004 3004 3004	6 20 0 2 4 0 8 4 0	370 370 C I	3010 453	55311 565 10	050i 349 ic	09073 0501 RC 3	08 50 51 51 51 51 51 51 51 51 51 51 51 51 51	80 10 10 10
# # # # # # # # # # # # # # # # # # #	CHENTER STATES OF THE COLUMN TO STO STO STO STO STO STO STO STO STO	CTGNEDBOOE CT60514 Z DRC	CTCNEDD079 CT 370 2 DRC I	CTGNEDSO10 CT60459 2 DRC	CTCNEOSS11 CTOO665	CTANEDOSOS CTOOSA9	CTCNED9073 CTT0501 P DRC 1	CTANEDASOS CTODAOO P DRC	CTGNED8013 CT60619 2 DRC
		U N	Ü N	E		- □ N	- U N		

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,35 PAGE 4 OF TABLE 1

2 H O V 2 C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *		M * * * *	***	***	2 2 2 2 2	****	C	
	* "	1110	5			M M	1 4 4		E 4
	* 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1110	1223			1334	1448	1196	80 H
	######################################	1110	50 50 50 50			1334	1448	1196	1083
	* * * * * * * !	****	* * * * *	****	****	***	* * * *	****	****
	4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7.97 .864	2.	o c	00	2. .608	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$. 45 45 45 45	60.896
C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	27	11.	27.			272	~ .e. √ n.	w v a a	90
	****	000	* * * * *	* * * * *	****	4***	0.00	ON 10	* * * *
	k 40 40 k 40 40 k 40 40	24 24 24 24 25 25 26 25 26 25 27 25	40 40 37 07 40 40	10856	0 8 6 6		197	iu miu Nino	1000
	* * * * * 1 * C IN IN		.onn	****		O 60 60 * * * * *	0 2 4 4 4	000	0 20 20 1
004000		N N V F 4.44	1 m	37200 0 37200	2000	111 111 1118 1118	. 0.0 च च	800 870 1070	1760 1760 1788
*****	*****	000	****	****	****	****	****	2 4 4 4 4	000
	0	M W	OM OM	139.0	เกีย เมื่อ	M M	M M	ดู ผู	000
****	****	* * * * *	****	* * * * *	* * * * *	* * * * *	****	****	* * * * * *
2 (8 (8 (8 (8 (8 (8 (8 (8 (8 (8 (8 (8 (8	# 12 K 17	2659	57.7	2 62 5	341	156,	17. 18.	827	1006 E
187 197 198 198 198		C C .	α Ci	10°	10 T	αĈ.	a	I C	10
	0-0	F04	wo.c	00N	NW4	N → O		o can	-0-
	K OLID M	0 N.W.	W 4 W	27 .0 18.0 1392	W VI V	M M 0 0 0 • • N	M U1 43	ku ku ku ≤a e e ∙0	34 30 10 10 11 11
428.000	K → M K → M	4 K	4 V	2 V MW	4 6	25	2 °C	10 mm	4 4 4 4 5
	# # # Cr	ATON	>	NONF	> 14 02			> ~	> 1 2: 1
κ ω κ αν κ 4	* YOU	8 A B B	TCKR	רגורנ	97 ₹8	8 A U.G	U	CKET	CKET
Σ 	**************************************	ж ж ж	NAUGATOKRV CO.	7	DOMERAUG	AUTNEBAUG	13 YANTIC	SHETUCKET	SHETUCKET
2	# 25 # x • o	7. 7. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.) M () M	ě š	ē	> C	. H	Ø 3 1
KD 6	* 4 0 4 *	NO N	N D N D V Z C V Z		N X X	*0 M Z :		2 C	2 4
* C C	* z 👼	~ ~	C 7 11	2 Z	NO.	A 5 2 5	H 2 2 2	4 C 4 C 7 D S	75 = 5
##O	# Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	H	2 4 m	0 × 6	200	403	- 6 3	C C	H 0 0 1
	PARTICION DE LA COMPANIA DE LA COMPA	LAKE HOUSE NEE HAVEN	NEE HAVE	SHEDAUS NEW HAVI	7 3 H C C C C C C C C C C C C C C C C C C	CTNUNAMEN SAND	FALLS MILDM New London Unknown	DCCIM DAM NEW LONDON CITY OF NOREICH	TAFTVILLE NEW LONDON CT LIGHT AND
M			A RIMMON POND A NEW HAVEN A CHITCO OFFICE	A CHETAUG DAN A NEW HAVEN A CH LIGHT AND	T CH NONAME SO	****	****	* * * * *	A TAFTVI NEW LO
	* * * * * * * *	* * * * *	****	****	* * * * *	****	****	* * * * *	3004 * TAFTVI
	* * * * * * * * * * * * * * * * * * * *		* * * *		CTGNED8009 * CT NGNA CT60637 * NEW LON 2 DFC * CT : IGE	****		* * * * *	* CTGNED9004 * TAFTVILLE * CT60204 * NEW LONDON SHETUCKET * 2 DRC * CT LIGHT AND POWER

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,35 PAGE 5 OF TABLE 1

# ZHAXZ	* * * * * * * * * * * * * * * * * * *	1417	1446	1367 **	* * * * * 090	1000 1000 1000 1000 1000 1000 1000 100	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * M
# # # # # # # # # # # # # # # # # # #		1417	1 4 4 6	1367	1368	60		1455	2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
	* * * * * * * * * * * * * * * * * * *	1417	1 446	1367	1368	1386		1 4 55	1423
* -	* * * * * *	****	****	* * * * *	****	****	*****	****	turn i
#	14444444444444444444444444444444444444	11.80 21.60 60 60 60	166.23 65.168	173.4 49.66	17 8 4 9 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0	125 15 15 15 15 15 15 15 15 15 15 15 15 15		124. 66.96	178.4
****		* * * * * O O O N IN IN IN	000 8	**** OUN 95 37 MM	W W W W	000 944 000 000	* * * * *	# # # # # O 37 37 10 40 20 40 41 41	* * * * 0 mm 6-6-
# # # # # # # # # # # # # # # # # # #					44.00	4 4 4 4 0 4 4 0 4 4	*****	MW WW	# # # # O @ @ or or in in
		*****	000	****	*****	000	****		0 0 0
# # # # # # # # # # # # # # # # # # #	80000 15°0	*0 N	N N	• 0	• 0 N	2 0 2 0	4 W		
######################################	2 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	8 00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	0.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	TO 000	0 0P **189	0.0 47.8
******	* * * *	****	M 40 FU	****	****	****	N C	* * * * * **	4 4 4 4
# # # # # # # # # # # # # # # # # # #	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	44.4 11.7 162	2 M W W	42.0 11.9 22.6	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ເນ ເນ ເນ 4 ↔	40.7 7.1 920	35 50 50 50 11 50 50 11 50 11 50 50 11	35 S
* 4 Z & C C C C T	t → (L)	* * * * *	* * * * *	* * * * *	****	5F * * * * *	* * * * *	#### #####	****
######################################		# WILLIMANTIC RE # TOLLAND NATCHAUG R # C114 WILLTHANTIC	* AMER TH DAM WIG * WINDHAM WILLAMANTIC R. * AMERICAN THREAD	* AMED TH OM WIS MILLAMANTO * AMEDICAN THREAD CO.	* AMED TH DM E1S * WINDHAM * AMERCIAN THREAD CO.	* CARGILL FALLS * WINDHAM * UNKNOWN *	A CT CO NAME 12+SCOT[AND STRICKET RIVER CHILIGHT AND POWER	A CH NONAME HEN A WINDHAM FRENCH RIVER A ACNE BLEACHISE CO.	* CTNDNAME NINE * WINDHAM DUINEBAUG * UNKNOWN
######################################	CTCNEDO173 C170503 2 DRC I	* CTCNED 9065	* * CTANED 8827 * * * OTO * * * * OTO * * * *	* CTMNED0198	** CTMNEDO199	* CTCNED8526 * CT00578 * P DRC	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	# CTMNEDO208

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,000,35

* * * * * * * * * * * * * * * * * * *	E # # # # # # K K E	20 60 50 84 # # #	2 # # # # # # # # # # # # # # # # # # #	2 4 4 4 4 0 4 0 4 0 4
ANAMARATATATATATATATATATATATATATATATATATAT		1488 1486 1486 14	1392 1392 13	1432
		70 00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	1266 600 600 600 600 600 600 600 600 600
######################################		60 00 00 00 00 00 00 00 00 00 00 00 00 0		
	0 6 6	E R R R R R R R R R R R R R R R R R R R	**************************************	2, 2, 0, 10, 10, 10, 10, 10, 10, 10, 10, 10,
# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	0.00	000	40000
A CATO A		0 40 40 80 80 80 80 80 80 80 80 80 80 80 80 80	# # # # # # # # # # # # # # # # # # #	27.00 4.00 6.00 7.00 7.00 7.00
* E E E	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		4 41 86 6 8 7 71 84 0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
*		QUINEBAUG	DOUINEBAUGR	OUTNBAUG R
**************************************	TATALAN BANKARAN BANK	ROGERS CORP DA ETNOTER ROGERS CORP.	ROSENFLO DMPU1 MINDHAM METALS FELLING CORP.	CTCNEDO102 * M. THOMPSON LK CTTOSO2 * MINDMAM 2 DRC I * DAEN NED
**************************************	RESERVE TO THE PERSON TO THE P	* CTENEDOUGE * CTE	* CHENEDOLOS * CHENES CHENES * CHENES	* CTCNEDO102 * M. THOMPSON LK * CTTOSO2 * MINDHAM OLINBAUG R * ONC I * DARK NED

NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.26 PAGE 22 OF TABLE 1 IN THE STATE OF DELAWARE DATE 15 FEB 81

* EXIOT* CAP* * * * * * * * * * * * * * * * * * *	***	**************************************
** + + + + + + + + + + + + + + + + + +	**************************************	* *************************************
**************************************	*****	# 0 000 M
TRANCE CANTER CA	** * * * * * * * * * * * * * * * * * *	* *
######################################		4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +
**************************************	* * * * * * * * * * * * * * * * * * *	# # # # # # ***
**************************************		# 30 40°4 # % # 97°0 # # 97°0 # # 97°0 # # 97°0 # # 97°0 # ## 97°0 # # 97°0 # # 97°0 # # # 97°0 # # # 97°0 # # # 97°0 # # # 97°0 # # # 97°0 # # # 97°0 # # # # 97°0 # # # 97°0 # # # # 97°0 # # # 97°0 # # # # 97°0 # # # # 97°0 # # # # 97°0 # # # # 97°0 # # # 97°0 # # # 97°0 # # # 97°0 # # # 97°0 # # # 97°0 # # # 97°0 # # 97°0 # # 97°0 # # 97°0 # # 97°0 # # 97°0 # # 97°0 # # 97°0 # # 97°0 # 97°
* ~		NEWARK PROJECT WHITE CLAY (************************************
** * * * * * * * * * * * * * * * * * *	* DECONDENS * STORM STANDS TO STANDS	A DEGNAPOSOR A MAINTE CLAVA TO DEUSOSO A NEW CASTLE A SI SCP I A A A A A A A A A A A A A A A A A A

0 > M .1 4 E AODITIONAL Z N W 0 CAPACITY POTENTIAL υ 1 α ပ SICA 0 ex Δ æ a

_	
4	
ο	
œ	
0	
_	
B.	
ie.	
0	
i	
-	
•	
-	
(I)	
iai	
T.	
-	
2	
•	

· · · · · · · · · · · · · · · · · · ·	33. ·	* C M 4			K K K K K K K K K K K K K K K K K K K			2 AND 3) 1) HDUR)
****		M KIND A	K K K K K K K K K K K K K K K K K K K				K	F COLUMNS 2 AND COGAWATT)
***		* * * * * * * * * * * * * * * * * * *	** ** * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *			* * * * * * * * * * * * * * * * * * *	20 4 20 4 20 8 20 80 20 80
***	***	* * * * * * * * * * * * * * * * * * *						CAPP XX CONTROL CONTRO
· · · · · · · · · · · · · ·	X X	K	0 0			0	0	EN T I A C C F C C C C C C C C C C C C C C C C
* *	10 MM						****	A A A A A A A A A A A A A A A A A A A
3 * L * L * L * L * L * L * L * L * L *		K M M M M M M M M M M M M M M M M M M M	****	* * * * * * * * * * * * * * * * * * *			* * * * * * * * * * * * * * * * * * *	10 TO
# 2 C 2 L 2 C 2 C 2 C 2 C 2 C 2 C 2 C 2 C		K			K		* * * * * * * * * * * * * * * * * * *	7 H H
	4	K		0	* 0° (U	* * * * * * * * * * * * * * * * * * * *	* 0° 0.1	F B COM
1871-01.	35 35 101	**************************************				0	0	2
*****	4 4 4 4	K + + + + + + + + + + + + + + + + + + +						EXISTING UNDEVELOR
***	K W W 4	**************************************	K	je P			*	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
医脊髓 医骨髓 医克里氏性 医克里氏性 医克里氏病 医克里氏病 医克里氏病 医克里氏病 医克里氏病 医克里氏病 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性	35 30 80	K	K K					CAPACITY CAPACITY CAPACITY
***	3 d	**************************************	K K K K H C C C C C C C C C C C C C C C		# # # # # # # # # # # # # # # # # # #		* * * * * * * * * * * * * * * * * * *	NO N
*	4 4 4	* P - 1	E 长 长 长 在 在 K				K # # # # # # # # # # # # # # # # # # #	ี พง⊶
* * * † \$	* * * i	13 E	* * * * * * * * * * * * * * * * * * *	K	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	
			0-19	K 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4	TOTAL	

ANDITIOO ax ca ta 0 SICAL

	z	
	EL	
	Σ	
	<u>a.</u>	
	9	
	_	
j	i.e.ā	
τ.	>	
	Sale	
3	0	
4		4
-		٥
- 4	>	-
> 3	Ø	œ
	ac tu3	G
C		۷
	2	•
•	le.i	
2		La.
	۵	- C
	z	_
i	⋖	
•		ls.
4	· -	5-
_	-	4
Ξ.	* 4	-
ف	ü	ø,
_	⋖.	
5	α.	ta
L	≪.	1
	u	•
<u>s</u>		
<u>-</u>	ပ	2
.)	⊢	-
 -i	œ	
D	-	
_	Ü	
Ε.	64.3	
ı	_	
	is.	
	Œ	
	0	
	->	
	I	

***		* H Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	NIN HOE	# # # # # # # # # # # # # # # # # # #		500	M 80 80 1	Ŕ
**		*	* # # # # # 000		K K			S 2 AND (ATT)
**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	1 W 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		000	00 00 00 00 00 00 00	COLUMNS (GIGAMA)
· · · · · · · · · · · · · · · · · · ·	A A A A A A A A A A A A A A A A A A A	* # # # # # # # # # # # # # # # # # # #	* * * * * * * er er til * 0 0		* * * * *	* * * * * * C C C	# # # # # # M P OU # P OU # # # # # #	
* * * * * *		* F T T T T T T T T T T T T T T T T T T	000		000	000	***** ***** *****	70
# (U)		* * * * * * * * * * * * * * * * * * *	000	000	000	000		
* 4	k	* * * * * * * * * * * * * * * * * * *	0 c c	* * * * * 000 00	000 00	***** ***** *****	**** 000 00	
* 4	. ~ .	* * * * * * * * * * * * * * * * * * *	000	# # # # → O NI O NI M	000	00	- MON -	
* 60 1	K R	KF 44 KCH 4 KFZO 4 KACA 4 KACA 4 KACA 4	*****	* * * * * * * * * * * * * * * * * * *	*****	****	******* ****** ***** ***** **** ****	7 H H
* 1	K W W	* * * * * * * * * * * * * * * * * * *	× i		000	CC C		m 00m m 00m N 00m
******	ar en	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * *	0 m 0 m 0 m	* * * * * 0 0 0	* * * * * C C C C	* * * * *	NA D P R R R R
**	K K K K	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	000	000	000 00	000	E COM
在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在	*	* F Z O 1		. CC (k -	* * * * * * * * * * * * * * * * * * *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
* * * * * * * * * * * * * * * * * * *		PONDEN POTEN	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *		K # # # # # K # K # K # K # K # K # K #	EXISTING HYDROPOWE ADDITIONAL POTENTI
**	* Z * X	* * * # * * * * * * * * * * * * * * * *	K 1040 K 1040 K 1040					X XX X
* *	* * * * * * *	* B		 株 本 本 本 本 本 十 は 中 の の ・ ま 中 の 。 ま 中 の 。 		K * K * K * K * K * K * C * C * C * C *	* * * * * * * * * * * * * * * * * * *	
****	* * * * < Z.O. (- < .J.O)	* * * * DSI HZ H>W	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*	K BADAN .	COLUMN 1 H EXISTING HYDROPOWE COLUMN 3 H UNDEVELOPED POTENT
* * * * * * * * * * * * * * * * * * *	1⊾1 ⊢ <i>z</i> 5	⊷ لطئية	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	K 00 0	K G.	K C K C K A K	* * * * * * * * * * * * * * * * * * *	

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.26 PAGE 23 OF TABLE 1

* CONTRACT			*****	1000		1000			0
	k k k • k •	•	Ĉ.	6	•	¢	° c	• 6	• 0
	* * * * * *	* *****	• •		****	* * * * * *		*****	****
* F G G G G G G G G G G G G G G G G G G	e e e e e e e e e e e e e e	44 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7.55 7.39 4.05 4.05 6.05	17.65	536.76 51.329	230 24 20 20 20 20 20 20 20 20 20 20 20 20 20	00	CC	390,94
* 2 6 6		10000000000000000000000000000000000000	N N N N N N N N N N N N N N N N N N N	250416 # 73891 # W28707 # # * * * * * * * * * * * * * * * * *	100000000000000000000000000000000000000	* * * * * * * * * * * * * * * * * * *	****	M 90 00 00 00 00 00 00 00 00 00 00 00 00	10101
* * * * * * * * * * * * * * * * * * *		0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	OP 94 97 95 97 95	7778000 778864 000007	# M	% V	2 9 20 9 20 20	10900	4 6 6 8 1 4 6 8 8 1
		8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	244 200 200 200 200 200 200 200 200 200	77.0 # 267320 # # 0.750 # # 0.750 # # 0.750	8519000 8 19000 8 W. 9	4 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	01 80 ↔ 01 80 ↔ 010 0 4 4 4 4 4	4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	24 4 4 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* * * * * * * * * * * * * * * * * * *	A 40 00 00 00 00 00 00 00 00 00 00 00 00	2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	* * * * * * * * * * * * * * * * * * *	MHR OP 21800.00	108R 108R 108R 108R 108R 108R 108R 108R		A 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HG 1750-02	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0
LATITUDE FLONGITHUDE DE ARREA (D F.M) (D F.M)	KW &0 KO UI KU K → UI K → UI K → UI	88 80 80 80 80 80 80 80 80 80 80 80 80 8	82 37.1 82 37.1	30 42 84 31.8 17150	26 50 3 81 5.1 9000	30 17 10 6 10 6 10 6 10 6 10 6 10 6 10 6	80 50 80 80 80 80 80 80 80 80 80 80 80 80 80	30 P. S.	82 37 1 4 80 20
# * E * 4	R ω * >	* * * * * W	* * * * * W	****	****	****	****	* * * * *	****
A NAME OF A PART AND A SAME AND A	NANABANTHANASANASANASANASANASANASANASANASANASANA	* INGILS PRSTOR. PLUG ALT. CITRALS EITHLACODCH A DAEN SAJ	* INGLIS SPILLMAY AND DAM * CITRUS * DAEN SAJ *	* GIM WOODRUFF LOCK + DAM + P * GADSOEN APALACHICOLA * DAEN SAH	* STRUCTURE 77 * GLADES * DAEN SAJ	* DEAD LAKES DAM * GULF * DEAD LAKES WATER MANAGEM *	* MARTANNA BLUE SPRINGS * JACKSON BLUE SPRINGS * FL PURLIC UTILITIES	JACKSON BLUFF DAM LETN STATE OF FLORIDA	* ING IS BYPASS SPICLWAY. * LEVY * DAEN SAJ

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.26 PAGE 24 OF TABLE 1

# # # # # # # # # # # # # # # # # # #		*****	*****	* * * * *	*****	
RAC ROLLING RANKS RAKE RAKE RAKE RAKE RAKE RAKE RAKE RAKE		ċ	ċ	ċ	c c	c
			0			
#####################################	# # # # # # # # # # # # # # # # # # #	734,97	877 . 49	전 60 년 10 년 60 년 10 년 10 년 10 년 10 년 10 년 10 년 10 년 1	M M	468.66 38.147
ANXING THE TAXABLE TO COLD TO		* * * * * O tr tr N M M M M M	4 4 4 4 0 0 0 0 0 0 0	* * * * * 0000 000 000 000 000	* * * * * O O O M M M M O O	* * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
k i		# # # # # O 00 00 M M 40 40	1767 1767 188	4700074	######################################	MAN WAR
*****		88 89 89 80 80 80 80 80 80 80 80 80 80 80 80 80	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100.001 100.000 100.000 100.000 100.000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 W0000 1 W0000 1 W W W W W W W W W W W W W W W W W W W
* a. G 6	K 4 K 4 K 4 K 4 K 4 K 4 K 4 K 4 K 4 K 4	HHCNORD 00000	# # # # # # # # # # # # # # # # # # #	A COURSON THE WORK WAS AN	200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	## # # # # # # # # # # # # # # # # # #
A TARES A TARE	# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	80 17 6 80 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30 28 28 28 35 35 35 35 35 35 35 35 35 35 35 35 35	30 0 0 87 0 0 61 6	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	29 30 4 81 48 6 2747
*	**************************************	80 STZLUCTE LOCK +** ST LUCTE CANA*	A A A A V CO A A V CO A A V CO A A V CO A A A A A A A A A A A A A A A A A A	VELLOW RIVER * * * * *	AN LOCK CROSS FLORIDAR	OKLAWAHA R
TARRARARARARARARARARARARARARARARARARARA	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	STRUCTURE 80 MARTIN	OT REDAGE NASSAU	CRESTVIEW DKALDOSA	HENDY H BUCKMAN LOCK PUTNAH CROSS	RODMAN DAM PUTNAM DAEN SAJ
**************************************	A TOOOTE A A TOOOTE TO A A TOOOTE TO A A TOOOTE TO A A A A TOOOTE TO A A A A A A A A A A A A A A A A A A	# FLOSAJ0010 * # FLOO425 * # 6 500 P D * *	# FL68A80002 * * * FLU0005 * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TEASA10701 A A C FLOOLS A A C DRC E	* FLASAJOO16 * * FLOO156 * * 5 DRC D *

ш ► Z W X G O 7. 7. 17. 3 X X I. I. Ω ADDITIONAL > 05 02 133 Z 133 o z CAPACITY α 0 N T T A L w ∪ H & **⊱** € ы С ر 1 ...**.** !!! **3-1 ≻** I **>**

9

STATE

w T

Z

4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	- 3 8 *	* * * * * * * * * * * * * * * * * * *	. 20 C	1	M M		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	- F
****	. S	* C C C C C C C C C C C C C C C C C C C	. 40 40 10 -4	k 10 → 1	m		M (0)	6 4 F
***	æ E In	* * * * * * * * * * * * * * * * * * *	r	K 21-00 0 1 1 K	0		20 M	COLU
***************************************		* * * * * * * * * * * * * * * * * * *	K MODE +				# # # # # # # # # # # # # # # # # # #	AC COUNTY TO THE
****	* * *	* * * * * * * * * * * * * * * * * * *		E	*****	k +C +	*****	CAPACITY GIVEN HEAD
*******	E E	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	10 e	0			FUAL G
***	3 E	* * * * * * * * * * * * * * * * * * *	000 *****	0 0		* * * * * C	0.00 *****	NAME NAME NAME NAME NAME NAME NAME NAME
**		* * * * Q d d d d d d d d d d d d d d d	****	9	0	x 40 4	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100 E 200 E
************	* * * *	H H H H H H H H H H H H H H H H H H H	****					
*	Σ <u>3</u>	* * * * * * * * * * * * * * * * * * *	* * * * * * • O				* * * * * 0 0 0 0	
	. אר	* * * * * * * * * * * * * * * * * * *	k • O •				* * * * * 0 *0 0	K OAR
***************************************	t . : .	* * * * * * * * * * * * * * * * * * *		# 10 7 # 00 7 # 4 4 4 4 4	0 0	x 40 00 x 10 00 x 10 0	* * * * * * * * * * * * * * * * * * *	EXISTING DAM
***	k K	* * * * * * * * * * * * * * * * * * *	K .	* 60 Ni - *	¥ ¥	¥ .	k ·	k - }-
	k k 32 k 22 k bh	**************************************		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		*	**************************************
3 3 4 4	K 3 % 50°		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *			* * * * * * * * * * * * * * * * * * *
1	k . K	* * * & * & * & * & * & * & * & * & * &	K 03 K 00 K 00 K 10 K 10 K 10 K 10 K 10 K 10	* * * * * * * * * * * * * * * * * * *	* ************************************		* * * * * * * * * * * * * * * * * * *	* - 01 W
· · · · · · · · · · · · · · · · · · ·	* * * * : Z Q	* * * * DEI HZ	NO N	* UPO * X > > :	* * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* NED NED 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 4 C	iLi ⊢Z	###	0-19	* 0 * 3 * 0	* O' * O' * B	* CC	7 A L	**************************************

ADDITIONAL л Э POTENTIAL FHYSICAL

DEVELOPARNA EN EN G 2 CAPACITY U EK. HYDROELECT

z

H 2	× × × × × × × × × × × × × × × × × × ×	***	* 3 * 2 * U	* * * * * * * * * * * * * * * * * * * *	***	***	* 3	* 3 * 2 * 5 * 0	***	# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	* * * *	***	****	* * * * * * * * * * * * * * * * * * *	· · · · · · · · · · · · · · · · · · ·	* *
	າ ທ				taγ Kak			1	*		-	1	_		3	٤	
ni Eq. I⊷ — — — — — — — — — — — — — — — — — —	HZ	* * * * * * * * * * * * * * * * * * *	**************************************	* X X X X X X X X X X X X X X X X X X X	**************************************	* * * & * & * & * & * & * & * & * & * &	* 50 0 4	**************************************	* * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	* DE D :	* E N O :	* * * * *	* 60 (1) 4	¥ D E M	TOTAL TOTAL
	** ** * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 00					* **** *	* * * * * * * * * * * * * * * * * * *	* 000 * 00	* * * * * * * * * * * * * * * * * * *	* * * * * *	* 10 00 * * * * * * * * * * * * * * * *	* .	* → ~	* 6.40 * ma * = 0
k & .	* * * * * * * * * * * * * * * * * * *	20M		k	6 6 7	K * * * * * * * * * * * * * * * * * * *		. 0	x 0 = 1	* * * * * * * * * * * * * * * * * * *	K	K	* * * * * * * * * * * * * * * * * * *	*	* 0	* 2W	# N. W.
	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		R -	X			k • • -	* * * * * * * * * * * * * * * * * * *	k :	*		* ~ 00 * ~ 00	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 015 * 00 * 00 * 00 * 00 * 00	& e&
K 00 1	*			* 000 * 00		x M x M x 0000 x 4 x x x			* * * * * * * * * * * * * * * * * * *	K + + + + + + + + + + + + + + + + + + +	100		* * * * * *	***********	* • •	* 10 -0	* 00 50 * 40 50 * 40 50 * 40 50
TOTAL	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	T .	* * * * * * * * * * * * * * * * * * *	x 00 x 00 x 00 x 00 x 00 x 00 x 00	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	K 00 00 00 00 00 00 00 00 00 00 00 00 00	K	* * * * * * * * * * * * * * * * * * *		* ON * ON * ON * ON * ON * T	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	. 46 €0
	NEO TO CO	K - 0.5	M M M M M M M M M M M M M M M M M M M	EXISTING HYDROPOWER D	<u> </u>	FLOPMENT EXISTING	G DAMS	8 8 9 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2 10 10 10 10 10 10 10 10 10 10 10 10 10	F 10	POTENTIES	¥	**************************************	* 28 * 28 * 28 * 28	**************************************	* * * * * * * * * * * * * * * * * * *	* (6)

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.27 PABLE 1

DATE 15 FEB B1 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.27 PAGE 26 OF TABLE 1

RAC ROLLING RACE OF STREET RACE OF S	000	2000					•	•	
*		•	•	•	•	° °	. 0	ô	0
	k C k k k	•	•	, C	C e	. •		•	. 1
******		O	****	****	****	****	****	****	* * * *
* - O	# # # # # # # # # # # # # # # # # # #	4 4 4 4 6 4 8 4	4069.0 199.73	5 5 50 50 50 50 50 50 50 50 50 50 50 50	9722.7 66.690	82 62 82 63 82 64 83 64	80 00 00 00 00 00 00 00 00 00 00 00 00 0	56 45 45 45 45 45 45 45 45 45 45 45 45 45	2101.1 173.44
# # # # # # # # # # # # # # # # # # #		***	****	****	***	***	***	***	* * * *
* 2 8 8		0 m m	N N N N N N N N N N N N N N N N N N N	51986 51986	1 4 4 5 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	704 404 44 44 44	20 00 00 00 00 00 00 00 00 00 00 00 00 0	W W W W W W W W W W W W W W W W W W W	0 M M
* * * * * * * * * * * * * * * * * * *		K # # # # # # # # # # # # # # # # # # #	S S S S S S S S S S S S S S S S S S S	101140	44 NN 000 044	440	0 M M 0 O 0 O 0 N N	0 8 M M M M M M M M M M M M M M M M M M	0 10 17 10 17
****	K K K 表 在 拼 在 · K	****	农农农农	****	***	***	****	* * * * *	***
# # # # # # # # # # # # # # # # # # #	K K K W O 34 K O O 0	8000 38000 38000	130001 130000 13000	54000 179000 40.0	87°0 89°0 89°9	55°0 370000 37°0	4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	169 87000 189 8	104.0
44444444444444444444444444444444444444	# # # # # # # # # # # # # # # # # # #	11 18 1800,000,000,000,000,000,000,000,000,000	7.1. 0.1. 0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	NE 81 84 80°004 84 84 84	T	14.00 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	五 M 20 C L 30 C L 60 C	本 本 9 ° F M M M M M M M M M M M M M M M M M M	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在
***	*	****	***	***	****	***	***	***	****
*****	* M @ * N O 4 * N O F	20M 20M 202	6.4 R	6 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	4 15 44 4 44 4 45 4 45 4 45 4 45 4 45 4	88 84 8 8 9 9 9 9	18 27 59 59	000 000 000 000 000 000	4 W W W W W W W W W W W W W W W W W W W
S S S S S S S S S S S S S S S S S S S	# # M # M 00	10 (d) (a) (a)	M &	N 80	50 30 50 42	30	#1 #D	N 00	W @
* ¥ 4	**************************************	**************************************	SOUTH RIVER *	***************************************	CHATTAHDOCHER ************************************	SATILLA ST.MARK	** CHINAL KANDER	ETOWAH RIVER &	AL CONFERK
**************************************	* > < * O	i i	80	SA	O H	SAT	m -	ETO	SHÜAL
**************************************	AKKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKA	an An An	0. 0. 0. 0. 0. 0. 0. 0. 0.	A A A A A A A A A A A A A A A A A A A	C C C C C C C C C C C C C C C C C C C	SATTLLA ST.MARY CHARLTON	N X N X III	m	* SHOAL CREEK * CHEPOKEE SHOAL CRE
# C # E	* * * * * * * * * * * * * * * * * * *	LAMAR BUTTS	MCKAY BUTTS	E CANONIA SELECTION AND AND AND AND AND AND AND AND AND AN	CEDAR C	* * * * * * * * * * * * * * * * * * *	A * * * * A CONTROL OF A CONTRO	STINES CHEROCKER	* SHOAL * CHEPOK
**************************************	**************************************	GA6SASOO13 4 GAUGOSO 7 Z DRC I 1	GA6SASOO14 GAUGOSO S DRC I	GA6SASOO16 GAUO130 S DRC I	GASSAMOOS9 GAUGOO1 S DRC	GA6SASOO17 GAUO134 S DRC I	GA4SAMOO92 GAUOO15 S DRC	GA6SAMOO91 GAUOO14 S DRC	GA48AMO093 GAUO021 S DRC

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.27 PABLE 1

*****	* * * * *	** * * * *	***	* * * * *	***	* * * * * *	***	在张春秋在	* * * * * * * * * * * * * * * * * * * *
CONTROL STANDS OF STANDS O		2000	0	°	°		1000	ő	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
CAN CONSTRUCTION OF CONSTRUCTI		ċ	•	•	c c	°	c	e e	C +
	•	ő	°	ô	•	ő	•	0	14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	K bul Co. K K & & & & &	****		60.49	C 02	~**	-0	F-6	
(U)	1	ស ស ស ស ស ស ស ស ស ស ស ស ស ស ស ស ស ស ស			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	W W W W W W W W W W W W W W W W W W W	M W W W W W W W W W W W W W W W W W W W	110.16	6.52 6.53 6.53 6.53 6.53 6.53 6.53 6.53 6.53
4 M M C C C C C C C C C C C C C C C C C	* * * *	****	****	N - N	0 kg & &	0 M M	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.01.0	0 27 27
ANTION SERVICE STANDING SERVICE SERVIC	# 69 H	1481	36 14 14 14 14 14 14 14 14 14 14 14 14 14	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	N PO N PO N PO N PO N PO N PO N PO N PO	4048	M W W W W W W W W W W W W W W W W W W W	999
			000	O 55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0.00 0.00 4.4.4.4.4	0 M M	24000 W	NN 033	
* 0333 004000	N N N N N N N N N N N N N N N N N N N	60 60 	280005	1520 1681 3201	W W	4 4 W W W W W W W W W W W W W W W W W W	204	9 9 W W W	0000 MM H M M H M H M M H M M M M H M M M M
****		****	003	****	* * * * *	* * * * *	004	000	* * * * *
101 CF CF	24 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	W W W	285000 10900	41.0 145000 17.6	1940000 40,00	0.00 0.00 0.00 0.00 0.00 0.00	M 4000	71.0 1000000 46.0	M V V V V V V V V V V V V V V V V V V V
T 4	K 4 K 4 K	****	****	* * * * *	****	() ° () 4 4 4 4 4	****	* * * * * * * * * * * * * * * * * * *	* * * *
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M	80 80 80 80 80 80 80	CNHO OP 9860	HR DP 4 346	HRN 18 5100	15 15 14033	и руу 1506 б	18 18 -	12 00101 12
* * * * * *	*	****	****	****	***	***	* * * * *	***	***********
CONTRACTOR OF STATE O	K M 4	W W + W + W + W + W + W + W + W + W + W	39. 11.6	81.0 86.5 3600	- 10 4 - 10 - 10	0 0 0 0 0 0 3 1 6 0	36.1	M & Q W & Q W & Q W & Q	M O
. 42 80 0 0 1	R 1-1 W.	PO 60	M 40	M 40	N 10	W 20 W 24	M 00	N o	M eo
K E	ANYARANARANARANARANARANARANARANARANARANA	* * * * * * * * * * * * * * * * * * *	2	***	元 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	FLINT RIVER *	2 × * * * * * * * * * * * * * * * * * *	T	* * * * * * * * * * * * * * * * * * *
	* T * +	DIVERSION SAVANNAH TA	SAVANNAH	F I	OCMULGEE	+	RESERVOIR FLINT R	S A V A N N A H	T A N A N N A H
* * * * * * * * * * * * * * * * * * *	* 4 * I	DIVE BAVE	ਸ਼ ⊗A V	* * * * * * * * * * * * * * * * * * *	ů E		25 CD	3LUFF 8A	17 Q
TAMENTO		NAL Gijst	L A X	LACKSHEAR FLINT COUNTY PER COMM		C C FIII M	03 32 03 03 04 03		8 UF
1 C C	# # # 400	A CA	HILL IA IS	LACK	ILLE	Z Z	3.87 4 > + 0 m 0	F Z	S S S S S S S S S S S S S S S S S S S
K 0. K ±. K & X K & X	**************************************	AUGUSTA CANAL DI COLUMBIA S CITY OF AUGUSTA	CLARK HILL COLUMBIA	LAKF BLACKSHEAR CRISP CRISP COUNTY PK	ABBEYVILLE Dodge	MOUNTAIN (DOOLY	FLINT RIVER RES DOUGHERTY GEORGIA POWER (HIGH STOKES Effingham	LOW STOKES EFFINSHAM
295FW	****	O- H	***	\$ * * * \$	* * * * * *	***	* * * * *	2 C	N C
THE STANDARD	**************************************	GABSASOO1 GAOOB41 2 DRC	GAISASOO2O GAO1701 S DRC I	GAISAMOO96 Gagorii S Drc	GA6SASOD21 GAUOO70 S DRC I	GA6SAMO100 Gaudo19 6 drc	GAISAMO101 GAOORIS 2 OFC	6848880024 6810111 5 DRC D	* GA48ASOOZU * LOW STOKES BLUFF * GAUDIOZ * EFFINGHAM SAVANNAH R * 70 DRC D *
* * * * * * * * * * * * * * * * * * *	****	****	****	****			****	***	***

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.27

* * * * * * * *		****	***	***	****	****	****	***	****
* 20248			2000	ċ	•	•	°	•	°0 °0 °0
* E Z O W D Z W * C V W D Z O W D Z O W D D D D D D D D D D D D D D D D D D		ċ	°	° c	ċ	Ċ	ċ	•	c
* # # # * * * * * * * * * * * * * * * *	0	•	•	0	•	•	• 4	0	Ö
* -	* * * * * * * * * * *	****	****	****	****	****	*****	****	****
*U	107-07-05-05-05-05-05-05-05-05-05-05-05-05-05-		668 488 488		8026. 228.47				C * 00 * 00 * 00 * 00 * 00 * 00 * 00 *
* * * * * * * * * * * * * * * * * * *	* * * * * * O O O * O O	****		0 0 0 0 0 0	0 M M	****	000	80 00 80 00 84 8 8 8	0.000
K O Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	000 000 000 000 000	788400	976 946	19026	88 89 88 89 89 89 80 80 80 80 80 80 80 80 80 80 80 80 80	10529900 10529900	170006	089	M 4 5 6 5 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6
* 1	* * * *	*****	• * * * *	909	0 7 4 4 4 4 4 4 4 4 4 4	000	000	000	0.00
X A C C C C C C C C C C C C C C C C C C	0. 0. 70007 70007	30000	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	20000 20000	in in	675000 675000	00098	16800 0 16800	19246 19246
****	000	000	* * * * * 000	000	****	000	00W	***** 000 mag	000
E SE	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	148820 161	215 16000 170	167.0 195900 48.0	6 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	140.0 1350.0 1150.0	184 2554000 146000	# M M	160000 169000
* * * * * * * * * * * * * * * * * * *	* * *	*****	****	20°9	,	* * * * O	****	4 4 4 4 4	* * * * * · · · · · · · · · · · · · · ·
* 14 > C + C + C + C + C + C + C + C + C + C	1	HCN H CU MIOO	IR IS 76	4 D	H, S, H, IS, H,	ı S	CHR	HSR 0P •271	T S T S T S T S T S T S T S T S T S T S
	****	****	****	* * * * *	****	00	*****	*****	****
# # # # # # # # # # # # # # # # # # #	K W W W W W W W W W W W W W W W W W W W	1.5 35.6 2900	N	M + M W + M W + M	22.3 7.1 1900	4 to	0 4 0 1 4 0 1	38.0 23.1 1370	0 0 0
A Z & C C S	k Pro	# # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	33 M 40	* * * * * W 40 4 10	M EQ ****	* * * * * *	M 40	MO H
- X	* * * * * * * * * * * * * * * * * * *	N I C	er er	RIVER	4 H	m A	C H H	O HE	¥ × ×
# 4 # 11 # 15 # 50 # 50 # 50	* I * Z	E I	R I VE	A RI	NAUL	O 8	00 H W	AHDO	SCA ¥
* # E	# # # # # # # # # # # # # # # # # # #	RUSSELL LAKE Savannah	BROAD	TOCCDA	OOSTANAULA	HEATH CREE	JER Chattahooci	FALLS RESERVOIR CHATTAHOOCI PWR CO	CARTECAY
*	* Ø	SSEL	a. 3		_		SIONEY LANIER TH CHA SAM	3 3 5 5 5	
* W D	*	ato	HILL	CCAA	is:	MOUNTAIN ER CO	⊁ ₩ Z	FALLS	>
# CC # CC # CC # CC	SANTANA SANTAN	RICHARD ELBERT DAEN GAS	TALLOW	LAKE TOCCIA Fannin Tva	ARMUCHEE FLOVD	CCKY MO LOYD A POWER	FORSTAN DAEN SAN	MORGAN F FULTON Genreja	CARTECAY
* H * C * C	•	RIC	TAL	7 # F 4 4 > X X A	A R R C L C	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	71.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	MOR	00 H
A PARA PARA PARA PARA PARA PARA PARA PA	***** *****	W 20	. 50 0 H * * * * *	****	K R R R R	****	O 20	9	207
######################################	# # # # # # # # # # # # # # # # # # #	GAISASODES Gaudo64 S dpc d	GA6SASOO26 GAUOO66 2 DRC I	GAIORNOO14 GAOOBSS 8 DRC I	GA68AMO103 Gaudorz S drc	GA9SAMNSO6 1 DFA	GAISAMO105 Gagobra 4 dra	GAISAMO106 GAOO842 S DRC	GAESAMO107 GAUGO12 S DRC
ELE VO	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A A	S S	8 6	9 6 6 10	6 A 9	6 4 1 5 6 4 1 5 6 4 1 5 6 4 1 5 6 4 1 5 6 4 1 5 6 6 4 1 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	A R	* GAGSAMOIO7 * CARTECAY * GAUGOI2 * GILMER CARTECAY R * 5 DRC *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.27 PABLE 1

R THOXX			****	***	9		****	****	
		0	•	•	1000	1000	.	°	°0 °0
		ċ	ċ	•	ċ	•	ċ	•	e e
	0	•	•	•	•	•	•		
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	0.7	00	en a	60 P	0.66	00	4 W	1661.2 59.163
	r K K K	2179		2913	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	W 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		300k	1661
* Z Z	# # # # # # . # # # # # . # # # # # .	0 N N	****	****	****	****	****	****	* * * *
10. 15.55 12.00	977	1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13129	26097 26097	130137 79090 209227	416911	10700	4 4 0 0 0 0	300746 300746 300746
K	1.00 O	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	45000 4 5000 4 5000 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26000 67000 93000	65000 65000 650000	040	0 00 00 0 00 00 0 00 00 0 00 00	480 0665 1145
MHH MHH MHH MHH MHH MHH MHH MHH	e k	€ €	4 4	<i>G G</i>	200	404	.		0.7
	* * * * * ·	000	****	****	*****	****	004	****	****
X X X X X X X X X X X X X X X X X X X	M 60 10 11 37 10 11 37	11.8 20.0 4.0 4.0 4.0	1.50 1.400 1.400	116.0 87000 94.9	75.0 11000 66.0	126.0 182000 108.4	13.4	60 M	12.0
	# # # # # # # # C #	k * * * *	****	****	* * * * *	****	****	****	****
# · 4 〉 ○ · · · · · · · · · · · · · · · · · ·	2 60	3.87	- 14 - 10 - 10	K 15	499	25.1	680.0	914	5730.0
		φ	~ ~	en #	√ 0	-6	ຜາ	SU.	80
# CL 60	* 0. * I C * *	* * * * *	4 4 4 4 4	A H H H H H H H H H H H H H H H H H H H	*****	#### #####	10 10	* * * * *	* * * * * * * * * * * * * * * * * * *
**************************************		0.00 1		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	04.00 00 	2.0.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.	00000000000000000000000000000000000000	**** **** ****	10 ****
1	* · Q. * I S * *	**************************************	* * * * * * * * * * * * * * * * * * *	001	****	# # # # # # # # # # # # # # # # # # #	00000000000000000000000000000000000000	#### #####	3
# # # # # # # # # # # # # # # # # # #	**************************************	TER * M * O * O * A * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	0 0 0 M	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	THER 30 50.0 & T 30.0 & OP	HER & WC 45° US & T 100 W 100° US & T 100° US &	* 372 45.0 * T
# # # # # # # # # # # # # # # # # # #	**************************************	TER * M * O * O * A * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	THER 30 50.0 & T 30.0 & OP	HER & WC 45° US & T 100 W 100° US & T 100° US &	* 372 45.0 * T
# # # # # # # # # # # # # # # # # # #	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	0 0 0 M	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	######################################	# # # # # # # # # # # # # # # # # # #	* 372 45.0 * T
# # # # # # # # # # # # # # # # # # #		E CHATTAHDDCHEER 84 0.00 % TO 100 % TO	# W4 42.0 * HR # TUGALO * TUGA	MUD CREEK * 84 0.0 * * * * * * * * * * * * * * * * * *	AKE * 32 36.5 * HR * 32 36.5 * HR CHATTAHODCHEE* 85 44.7 * DP CO * 4520 * * *	CHATTAHOOCHEER OS US.Q & TR COMPANY & 4024Q & OP R COMPANY & 4024Q & 10	# 32 50.0 # H # 32 50.0 # H CHATTAHOOCHEE# 85 12.0 # 0P # 3630 # S	* 32 45.5 * T * 32 45.5 * T CHATTAHOOCHEE* 85 12.2 * TS * 3660 * **	* 372 45.0 * T
# # # # # # # # # # # # # # # # # # #		E CHATTAHDDCHEER 84 0.00 % TO 100 % TO	# W4 42.0 * HR # TUGALO * TUGA	MUD CREEK * 84 0.0 * * * * * * * * * * * * * * * * * *	AKE * 32 36.5 * HR * 32 36.5 * HR CHATTAHODCHEE* 85 44.7 * DP CO * 4520 * * *	CHATTAHOOCHEE* 85 US.4 * OPPR COMPANY * 40240 * 10	# 32 50.0 # H # 32 50.0 # H CHATTAHOOCHEER 85 12.0 # 0P R CO # 3630 # 5	* 32 45.5 * T * 32 45.5 * T CHATTAHOOCHEE* 85 12.2 * TS * 3660 * **	* 372 45.0 * T
# # # # # # # # # # # # # # # # # # #	**************************************	CHATTAHDDCHEE* 84 0.0 * TO	TUGALO NIVER * BW 21.00 * OP	MUD CREEK * 84 0.0 * * * * * * * * * * * * * * * * * *	AKE * 32 36.5 * HR * 32 36.5 * HR CHATTAHODCHEE* 85 44.7 * DP CO * 4520 * * *	CHATTAHOOCHERS ON US. 4 TO COMPANY A GRAD OF THE COMPANY A GRAD A TO	LANGDALE * 32 50.0 * H HARRIS CHATTAHOOCHEE* 85 12.0 * OP GA POWER CO * 3630 * 5	NEW RIVERVIEW CHATTAHOOCHEER 85 12.2 x 16 HARRIS CHATTAHOOCHEER 85 12.2 x 16	* 372 45.0 * T
# # # # # # # # # # # # # # # # # # #	REPRESENTED THE SAME OF THE SAME SAME SAME SAME SAME SAME SAME SAM	* TRWINS BRIDGE * A MS 0.0 * T. * HAPPENSHAM CHATTAMODCHEE* 84 0.0 * 100 * * * * * * * * * * * * * * * *	* TUGALO LAKE * 14 42.6 * HR * TUGALO LAKE * 16 4 4 8 3 21.2 * OP * GENOGIA PWR CO 16 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* MUD CREEK * 84 0.0 * * * HALL. * 377 * * * * 377 * * * * * * * * * * *	* GENAT ROCK LAKE * 32 36.5 * HR * HARRIS CHATTAHOOCHEE* 85 4.7 * OP * GENRGIA PWR CO * * 4520 * **	* SECTIONS CHATTAHOOCHEE* 85 554 * OP CHATTAHOOCHEE* 85 554 * OP A GEORGIA POWER COMPANY * 4224 * SE	* JANGDALE * 32 50.0 * H * HARRIS CHATTAHOOCHEE* 85 12.0 * OP * GA POWER CO * 3630 * 5	* NEW RIVERVIEW * 32 46.5 * TA * HARDIS CHATTAHOOCHEE* 85 12.2 * TO * * SA60 * * * SA	* 372 45.0 * T
SANASARARARARARARARARARARARARARARARARARA		A TRWINS BRIDGE A 15 O.O A 15 A HARRSHAM CHATTAMDOCHER 84 O.O A 10 A 152 A A 152 A A A A 152 A A A A A A A A A A A A A A A A A A A	# W4 42.0 * HR # TUGALO * TUGA	MUD CREEK * 84 0.0 * * * * * * * * * * * * * * * * * *	AKE * 32 36.5 * HR * 32 36.5 * HR CHATTAHODCHEE* 85 44.7 * DP CO * 4520 * * *	LAKF HARDING KATTAHOOCHEER 85 554 * OP GEORGTA POWER COMPANY * 4240 * ***	LANGDALE * 32 50.0 * H HARRIS CHATTAHOOCHEE* 85 12.0 * OP GA POWER CO * 3630 * 5	* NEW KIVERVIEW * 3C 46.5 * T T * HARRIS CHATTAHOOCHEE* 85 12.2 * T6 * A S66.5 * * 55 * * 55 * * 55 * 5 * 55 * 5 * 5	RIVERVIEW * 32 45.0 * H HARRIS CHATTAHOOCHEER 85 08.0 * DP GA POWER CD. * 3660 *

DATE 15 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,28

		°	2000		¢	°	2000	2000	0
FON CHOCK	* C	ċ	ċ	°	ċ	e c	ċ	ċ	c
	0	•		•	•	•	0		
- O		0.00		87 s-	00	64	40	40 AD	8 0 ↔
A N N N N N N N N N N N N N N N N N N N		6 W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W	N		250	410	97.60	300 300 300 300 300 300 300 300 300 300
	# # # # # # # # # # # # # # # # # # #		7.4 \$\$ \$\$ \$\$	O 11 11 11 11 11 11 11 11 11 11 11 11 11	67000	137031	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	OILUN III III III III III III III III III II III III III III
** AXX *********************************	00000000000000000000000000000000000000	11 11 11 11 11 11 11 11 11 11 11 11 11	O RI RI G- G- G- G- G- G- RI RI		14400	44 34 88 80 000	11 14 14 14 14 14 14 14 14 14 14 14 14 1	29942	14378 14378 14378
XX	20000000000000000000000000000000000000	330000 106.0	54 80 84 20 0 84 0 0 0 0	1000 8800 9700 0.00	102.0	2265000 42.0	29000 29000 29000 27	84 84 80 80 80 80 80	15000 110000 11900
*****	X	11	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	######################################	***** OD 1700	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * # # # # # # # # # # # # # # # # #	* U.O. O.D. I. * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	K 0 4 0 K → 0 K → 00 K M M 60 K	86.9 4.7	181	0 M ••• W ••• 4		449 449 00 50 50	- M 	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	00 0
4 X X C C S	* W CO	M of M op	พ.ช. 3 พ. ยา	10 to	1 10 1 10 1 10 1 10	10 80 10 00	W 00 W W 4 U	N) (N) M) (D)	in er M eo
Σ	**************************************	*** **********************************	NORTH OCCURES	# # # BDDLE OCONEE * *	**************************************	**************************************	A A CAULGEE RIVER	# # # # # # # # # # # # # # # # # # #	CHESTATEE RIV
	**************************************	PEADLS HONE Herby	CURRY CREEK JACKSON NOR	TALASSEE JACKSON MIE	LLOYD SHOALS JASPER GA POWER CO	COOPERS FERRY JEFF DAVIS DCN	▼のはば上 のにとのつ	DURITN LAURENS	NEW BRIDGE LUMPKIN
* * * * * * * * * * * * * * * * * * *	4 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 5A6SASOO32 * 6A8OO57 * 6A8OO57 * * * * * * * * * * * * * * * * * * *	# GA6SASOOMS # GAUO71 # # P DRC II #	# GA7SASOO36 # # GA10087 # # 5 DRC I #	# GAISASOO36 # GAOS487 # 5 DFC II # #	# GA68A80039 # # GAU0068 # # # # 0 2C D # # #	# GA6SAS0042 # 6AU0079 # 7 DRC I #	# GA6SASO043 # GAU0086 # # 2 DRC D #	# GA5SAMO121 # # GAUDOGS # # 5 DRC #

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.28 PAGE 31 OF TABLE 1

	5 5			* * * * * *		*****	0000		****
ERECONOMIC BRC CONOMIC BRC COMP BRC COMP BROUENCE RA BROUENCE RA BROUENCE RA	C	ċ	· c	ċ.	Č	ć	•	ė,	* * C *
	c		•			•	•	•	
F C C C	2	2741 40 543	7814.1	181 43,795	3207 196,51	00	7868 80. a6a	13480 125.87	・
	* * * * * * * * * * * * * * * * * * *	6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	* * * * * * * * * * * * * * * * * * *	44 0 mm 6 mm 6 mm 6 mm		* * * * * * * * * * * * * * * * * * *	91019	107346 #	######################################
0 0 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		1	18 6 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	122702	N N S S S S S S S S S S S S S S S S S S	# #	# P P P P P P P P P P P P P P P P P P P	2	# 00000S
	K K K K K K K K K K K K K K K K K K K	24 10 25 10 20 10	200000 M	MON MON 60.0 MATO MATO MATO MATO MATO MATO MATO MATO	400 400 400 400 4444	* * * * * ·	M W W W W W W W W W W W W W W W W W W W	M W 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
		# # # # # # # # # # # # # # # # # # #	1	# # # # # # # # # # # # # # # # # # #	M M M M M M M M M M M M M M M M M M M	# # # # # # # # # # # # # # # # # # #	# 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	T 1000000000000000000000000000000000000	CH 70 00 00 4 4 4 5 00 00 00 4 4 5 00 00 00 00 00 00 00 00 00 00 00 00 0
CONTITUDE CONTIT		и в ба о о и о о о	31 0 0 84 0 0 7112	33 4 5 17.0 17.0 18.0 18.0	888 88 52 88.7 88.7	88 83 83 19 19 19 19	N 0 C	88 88 88 88 88 88 88 88 88 88 88 88 88	34 35.7
Σ	* * * * *	FINATA STANS	FLINT AIVER * * *	TOWALIGA PIVER	* TOWALIGA RIVE*	** ncwulgee RIVE** RING *	OCONEE RIVER * * * * * * * * * * * * * * * * * * *	OCONER RHVER ***	# # # # #
ACT DEP * DEN * PRIMARY CO. INAME OF STREAM CODE CODE * OTHER	**************************************	A TO DA	LOWER VADA Mitchell	HIGH FALLS LAKE MUNROE State Park	JACKGON BRIDSE Monroe	JULTETTE DAM MONROE TRIO MANUFACTURING	CYPRESS BRANCH Montgomery	ROCKLEDGE HON1GOMER4	* GAISAMO726 * CARTERS LAKE * GAODB21 * MURBAY COOSAWATTE * 9 DRA * DAEN SAM
* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* GA6SAM0125 * GAUGOG * * 6 DRC * *	** GA6SAMO128 ** GA6SAMO128 ** GAUGO17 ** ** 5 DRC **	# GAUSASOU49 # GA01901 # # GA01901 # # # # # # # # # # # # # # # # # # #	# GA6SASDO47 # GAUOD89 # S DRC I #	# GAGSASOOSO # GAG1902 # # 5 DRC I # #	# 6A6SASCOS2 # 6A6SASCOS2 # 6AU0084 # # 2 DRC D # #	# 6A78ASOO51 # 6AU0083 # 5 DRC D # #	# GATSAMO726 # GAO0821 # 9 DRA #

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18,28 PAGE 32 OF TABLE 1

EXC CONTENTS EXC CONTENTS EXC CONTENTS (OR DENC	* * * * * * * * * * * * * * * * * * *	0000	. * * * * . 00 0	1000		*****	*****		
EX DO	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	• •	• • • • • • • • • • • • • • • • • • • •	• 0	°°°	° 0	.0	• • • • • • • • • • • • • • • • • • • •	•
* * * * *	**************************************	30.27°113 ***	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M 40 90 90 90 90 90 90 90 90 90 9	·****	00	**** MIN *** MIN *** MIN *** ***	00 00 00 00 00 00 00 00 00 00 00 00 00	00
AMENIO A BUNDO A ANDERO A ANDERO A CAMENDO A COOO A CAMEND A CLOOO A CAMEND A COOO A COOO A CAMEND A COOO A	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	11 86 99 00 00 00 00 00 00 00 00 00 00 00 00	# # # # # # # # # # # # # # # # # # #	614255 * * 147900 * *	214111 214111 314111 314111 314111 3141111	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	**** **** *** *** *** ***	N K K K M O M M O M O O
004000	**************************************	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	MUSE O SE	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	* * * * * 00 00 00 00 9 9	00 00 97 9	M	1000 000 000 1000 1000 1000 1000 1000
	* * * * * * * * *	60 00 00 00 00 00 00 00 00 00 00 00 00 0	* * * * * * * * * * * * * * * * * * *	* * * * * OO NI O ON	4 10 M	#### 000 #0.00 #0.00	620 620 600 600 600 8 * * * *	# # # # # 000 % 20 M 20 M 20 M	80 4 000 4 000 0 * * * *
AVE. B	**************************************	0HPC 0P **********************************	100 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	######################################	10 P 64 SO - O S * * * * *	000 000 000 000 000 000 000 000 000 00	ST S	A	7.0 9.0 6.0 8.0 8.0 8.0 8.0
HATE	# # # # # # # # # # # # # # # # # # #	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	W W W W W W W W W W W W W W W W W W W	M 6 70 00 40 40 40 40 40 40 40 40 40 40 40 40	######################################	M M 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		M M M M M M M M M M M M M M M M M M M M	* * * * * * * * * * * * * * * * * * *
Σ .		POOL COOSAWATTEE RA	CHATTANDOCHER	CHATTAHODCHEEK*	CHATTAHDOCHEEK *	CHATTAHOOCHEE	ALCOVY RIVER **	** YELLOW RIVER * *	YELLOW RIVER &
M I ID NO # PRIMARY CO. NAME OF STREAM CO. NAME OF	LACKO LACKO RIVER	REREGULATION F MURRAY DAEN SAM	COLUMBUS	EAGLE*PHENIX MUSCOGEE REEVES BROS.	NORTH HIGHLAND MUSCOGEE GA POWER CO	OLIVER LAKE MUSCOGEE GEORGIA PWR CO	FACTORY SHOALS NEWTON	LEG GHOALS	PORTERDALE NEWTON BIRR MANUFACTURING.CO
THE TO SEE	GASSAMO115 GAUGO13 S DRC	GACSAMO1299 # # CACCB28 # # # CACCB28 # # # # # # # # # # # # # # # # # # #	GA488AM0130 * GAUSAM0130 *	GAGSAMOSO7 **	GAISAMOSO1 *	GATGAMOLULA GACORUT # # DRC # # CRC # A K K K K K K K K K K K K K K K K K K	GATSASOOSS ** GAUCOSS ** S DRC I **	GA6SASOOS6 ** GAUOOB2 ** BC DRC I **	6A68A90057 * 6A01903 * 5

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,28

A THE STATE OF THE	**************************************				# 070 PURD *	A THE DAM HT COLOR A THE COLOR		A EXTON BENDON'S PAINT BENDON'S PAIN	INERGY COST		ONOMIC *ONOMIC*
* ACTV DEP * CODE * FILE * A STATUS *		OK (6)	000	* * * *		2	2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	E CERT	(1000 S) (S/MEH)	SEGUENC (SEGUE)	2 X Z X
* **** H	SANANASANASANASANASANASANASANASANASANAS	**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	######################################	# # # # # # # # # # # # # # # # # # #	# COOO		* * * * * * * * * * * * * * * * * * *		
# GA784800588 # 6AU0098 # 5 DRC 1	OTROPE SHOALS	APALACHEE RIV*	M W M W M M M M M M	****	HR IS NGO, OS	M 69 00 00 00 00 00 00 00 00 00 00 00 00 00	8 8 477 0 7 7 7 4 7 7 7 0	* * * * * * * * * * * * * * * * * * *	- NO		o,
# GA60A800059 # GA60A800059 # GALIO181	* HUPRICANE CREEK * PIERCE	K SATILA BIVESE	20 10 10 10 10 10 10 10 10 10 10 10 10 10		* * * * * * * * * * * * * * * * * * *	2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3) 	•	ď
## GA6SAGO060 ## GAU0093 ## 5 DRC #	* * PUTNA* CREEK	AUPOER CREEK	33 14.2		139 340	00000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	192.92		٥
# GALSASOOSS # GAOORS9 # 5 DFC I	* WALL ACE * PITWAM * GEODGIA DWR CO	0000	6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	****	HR UC 8420.0	11.7.0 2.7.0.0 2.4.0.0 0.0.0.0	113000	W 410000 M M M M M M M M M M M M M M M M M	• •	°	•
4 GAIGAGOGG7 4 GAOGGG47 5 GAOGGG47 5 GACGGG7	* LAKE BURTON * RABBIN * GEORGIA PWR CO	TALLULAH	3 M 4 M 4 M 4 M 4 M 4 M 4 M 4 M 4 M 4 M	N.W.W.	11.0 0.0 0.0 0.0	135°0 108000 118°0	6120 6120 6120		CC	°	ċ
A GAUSASOOSS A GAOOSSS A S DRC I	* MATHISTERPORA * RABIN * GEORGIA PWR CO	TALLULAH	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * *	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	######################################	16000	# # # # # # # # # # # # # # # # # # #	66	° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	•
# GAISASOOSS # GAOOS46 # 5 DRC I	* NACHOCHEE * RABUN * GEORGIA PWR CO	TALLULAH	# # # # # # # # # # # # # # # # # # #	+ + + + + ·	E E E E E E E E E E E E E E E E E E E	000 40 0 00 0 00 0 00 0 00 0 00 0 00 0	* * * * * * * * * * * * * * * * * * *	20 20 21 21 22 22 23 24 24 24 24 24 24 24 24 24 24 24 24 24	C C		Ö
# GA7SASOO63 # GAUDO77 # 6 DRC I	* GATSASOO63 * SAND BOTTOM * GAUOO77 * PABUN CHATTOOGA * 6 DRC I *	2 4	* * * * * * * * * * * * * * * * * * *	~ n. o.	# # C # C # C # C # C # C # C # C # C #		200730 8 010730 8 010730 8 010730		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.29

M A PROPER SENT OF A PR	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	8 4 8 8 8 00 00 Ne	*****	* * * * * O O	***	* * * * *	****	* * * * * * * * * * * * * * * * * * *
**************************************	在	°°°	•	• 0	•0	•	•0	•0	0
**************************************	** * * * * * * * * * * * * * * * * * *	00000000000000000000000000000000000000	# # # # # # # # # # # # # # # # # # #	2210.9 243.04 44.04 44.04	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00 00 00 00 00 00 00 00 00 00 00 00 00	610 610 60 60 60 60 60 60 60 60 60 60 60 60 60	00 00 00 00 00 00 00 00 00 00 00 00 00	
######################################	**************************************	80 80 44 44 0 80 80 4 4 4 4 4	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0007600 007600 00000	0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	UI UI 4010 4010 4000 4000	* * * * * * * * * * * * * * * * * * *
XXX EW	## ## OOO! A # # OOO! A # OOO! A # OOO! A	21433 21433 244 264 264 264 264 264 264 264 264 264	88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	***** ****** ***********************	127721 127774 127774 1244	4 4 4 4 00 00 00 00 00 00 00 00 00 00 00 00 00 00	2000 2000 2000 2000 2000 2000 2000 200	7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	# # ## ## ## ## ## ## ## ## ## ## ## ##
		110000 110000 110000 110000 110000	670 1070 1070 1000 1000	* * * * * OOO * OO * MO * MO * M	M M M M M M M M M M M M M M M M M M M	870000 20000 20000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 000 000 000 000	# # # # # 000 000 000 000 000 000 000 00	# # O O O O O O O O O O O O O O O O O O
8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	12 M	Z CONOT	* * * O * O * O * O * O * O * O * O * O	N.H. M.M. M.M.M.M.M.M.M.M.M.M.M.M.M.M.M.M	12 NO 00 11 1000 00 11	# # # # # # # # # # # # # # # # # # #	# # # O O O O M T Z	# TN
	* * * * * * * * * * * * * * * * * * *	M	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	22 26 24 24 24 24 24 24 24 24 24 24 24 24 24	######################################	8 M M M M M M M M M M M M M M M M M M M	M 40 M 40 M 40 M 40 M 40 M 40 M 40 M 40	Min 557 = 0 ± 0 ± 0 ± 0 ± 0 ± 0 ± 0 ± 0 ± 0 ± 0
PATTARY CO. INAME OF GARENE	A A A A A A A A A A A A A A A A A A A	* EASLE POINT SAVANNAH RIVER*	* NEW SAVANNAH BLUPF POOL ** RTCHHOND SAVANNAH RIVE** DAEN SAS	NEW BETHEL YELLOW RIVER &	BULL PEN POINT SCREVEN SCREVEN SAVANNAH BIVE*	SCRTCNS LANDING SCRTVEN SCRTVEN SCRTVEN SPACEN SPAC	A COREVER CONTRACT AND SAVANNAL ALVER A SAVANNAL ALVER A SAVANNAL ALVERA SAVAN	ATOR JOHNSONS LANDING ACANNAH BIVER	A CONTRACTANTA CANDING DAVANAL TANDING CANDANAL TANDANAL TANDANANA TAN
	REFERENCE OF THE PROPERTY OF T	# GA4GASOO76 # # GAUO106 # # GAUO106 # # # # # # # # # # # # # # # # # # #	* 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A GAEGAAGOO71 A A GAUGO75 A A A GAUGO75 A A A A A A A A A A A A A A A A A A A	* GA40A60074 * * GAU0103 * * * * * * * * * * * * * * * * * * *	4 GACOO702 4 4 G GACOO703 4 4 5 G GACOO703 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# GA48A90075 # GAU0104 # # GAU0104 # # # # # # # # # # # # # # # # # # #	4 GA46A80070 4 4 GA46A80070 112 4 4 6 GA10112 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,29

A SI	XX X X X X X X X X X X X X X X X X X X							2002		*
POL	RANK)	•	°	ô	်	•	•	Ň	0	0 8
	CARDURACE COMPANIES COMPAN	ė	ċ	ċ	ċ	•	e c	•	Č.	* * * * * * * * * * * * * * * * * * *
TANDAMA TANDAM	CSECO CSECO CSECO CSECO		•	·	•	•	•	•		0 #
* + *	***	****	****	*****	* * * * * •• #1	****	CN:	N.	00	00
	1000 83 (8/MEH)	17867 01.40	14400		() 2 () 2 () 4 () 1 () 1 () 1 () 1	25 25 25 25 25 25 25 25 25 25 25 25 25 2	5978	803. 6.50		*
MAN	(%) H	=	•		เกล	in in	un vo	-o in		*
* * * * * * * * * * * * * * * * * * *	***	* * * *	****	~ * * * *	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	***** O m m	* * * * * 0 0 0 0 0 0	OMM	91000	45706 0 45706
	TIII	4.0	0 144306 144306	6476	4916	0 104231 104231	677	11 11 11 11 11 11 11 11 11 11 11 11 11	191000 0 191000	2 4 5 7 7 4 4 5 7 7 4 4 5 7 7 4 4 5 7 7 8 4 4 5 7 7 8 4 8 7 7 8 9 7 8 9 7 8 9 7 8 9 9 9 9 9 9 9
AND MARKANA AND AND AND AND AND AND AND AND AND	555		化化催化剂	***	***	****	****	* * * * *	****	* * * * *
_		20 50 20 50	5003 50038	0 0 0 85 85 85 85 85 85 85 85 85 85 85 85 85	20142	0 46084 78084	6011 6011	43757	73400 0 73400	1.5000 1.5000 1.5000
* O O 4 * +-	333	r 10-40 r 10-10	N IN	N N N N	200	4 4	, v	4 4		
		K K K								*
-		K 4 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	000	0000	8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	000	0 4 0 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A K K K K K K K K K K K K K K K K K K K	T 2 T	# 40 m	1400 1400	60.0	6 € RU (A) - 42	177° 36069 115°	50.00	17.00	71116	17430
* 0 X 3	***	k K K # # # # #	***	***	***	****	***	***	****	* * * * *
-#X -#		* 0	C	O.	~	N	0	. 4	7	~ ÷
* 0. C	6	* 00	0.00	160.0	ပ	ດ ສ ຕູ້ ສ	ů.	, e	417.	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
* a . o . c	(CF9)	* * * * * * * * * * * * * * * * * * *	118 11900.0	нк ОР 1160.0	∪ •	π # Ω #	R, C	30 K		# (N #2 # 40 # 10
**************************************	(CF)	6	190 190 100 100 100 100 100 100 100 100	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A A A A A A A A A A A A A A A A A A A	# H,0s.B.C	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	2224 4444 4444 300 400 4444
**************************************	(CF)	6	1900	1160	ပ	ດ ສ ຕູ້ ສ	ů.	0.0 T 1.00, R. C.	55.0 x CHA 11.3 x 00 3380 x 00	
**************************************	(CF)	ARRATARARARARARARARARARARARARARARARARAR	5.00 NH	00 00 00 00 00 00 00 00 00 00 00 00 00	4 0 4 W W W W W W W W W W W W W W W W W	10 4 15 00 01 01 01 01 01 01 01 01 01 01 01 01	0.00 I W 0.0	# WW D.O # T.99, R.C. C. B. B.C. C. B.C. C. B.C. C. B.C. C.	# # # # # # # # # # # # # # # # # # #	**************************************
**************************************	4 (X° X° X	RENEW AND CONTRACTOR OF THE CO	2 45.9 * NH 1.24.8 * 13 9626 * 11900	MR * 34 40.55 & HR * 11.60 * 470 * 11.60 * 11.60 * 11.60 * 11.60 * 11.60 * 11.60 * 11.60 * 11.60	2	A	A WE MOSO A THOSE ACT A 1970 A 1970 A 18	CHEER BS 10.0 & T.S. B.	# # # # # # # # # # # # # # # # # # #	**************************************
**************************************	4 (X° X° X	RENEW AND CONTRACTOR OF THE CO	A M2 45.9 A NT	# # 34 40.6 # HR RIVER * 83 RO.5 # OP * 470 * 1160	# 32 44.0 # F.S.R.C RIVER # 84 23.0 # 1S # 1231 # * 1672	A 33 0.0 A 1,8,R,C RIVER & 84 0.0 A 19 * 1210 & * 1544.	11VER # 84 0.0 # 119.R.F.	CHEER BS 10.0 & T.S. B.	# # # # # # # # # # # # # # # # # # #	**************************************
**************************************	4 (X° X° X	RENEW AND CONTRACTOR OF THE CO	* M2 45.9 * NT * M2 45.9 * NT VANNAH RIVER 81 24.8 * 139 96.26 * 11900	# # 34 40.6 # HR RIVER * 83 RO.5 # OP * 470 * 1160	A ME ALO A TESTROCO A TESTROCO A TESTROCO A TO THE TESTROCO A TO THE TESTROCO A TESTROCO	A 33 0.0 A 1,8,R,C RIVER & 84 0.0 A 19 * 1210 & * 1544.	11VER # 84 0.0 # 119.R.F.	CHEER BS 10.0 & T.S. B.	# # # # # # # # # # # # # # # # # # #	**************************************
**************************************	4 (X° X O) 4 4 (X° X O	RANKARAKARAKARAKARAKAKAKAKAKAKAKAKAKAKAK	* M2 45.9 * NT * M2 45.9 * NT VANNAH RIVER 81 24.8 * 139 96.26 * 11900	TUGALO RIVER * 84 40.5 * 0P 4 1160	A ME ALO A TESTROCO A TESTROCO A TESTROCO A TO THE TESTROCO A TO THE TESTROCO A TESTROCO	# 33 0.0 # 1,5,R,C # 1210 # 10.0 # 19 # 10.14.	11VER # 84 0.0 # 119.R.F.	HERA 85 10.0 A H.S. M. J. C. C. A H.S. M. J. C. C. A H.S. M. J. C. C. A H. C.	# 32 55.0 # CHR CHATTAHUNCHEER 85 11.3 # OP # 3380 # *5417.	**************************************
**************************************	4 (X° X O) 4 4 (X° X O	RANKARAKARAKARAKARAKAKAKAKAKAKAKAKAKAKAK	LANDING * 30 45.9 * NH SAVANNAH RIVER 81 84.8 * 15	* 34 40.8 * HR * 34 40.8 * HR TUGALO RIVER * 83 20.5 * OP * 470 * 1160	SHIALS * 32 44.0 * Y.S.R.C FLINT RIVER * 84 23.0 * 1S * 1231 * * 1572	BLUFF # 33 0.0 # 1,8,R,C # 30 0.0 # 19 4.0 # 10 4.0 # 10 4.0 # 10 14.0 # 4 10	11VER # 84 0.0 # 119.R.F.	# 33 0.0 # H,8,R,R,C CHATTANDOCHEE# 85 10.0 # 15 R 2680 # #4330.	# 32 55.0 # CHR CHATTAHUNCHEER 85 11.3 # OP # 3380 # *5417.	**************************************
**************************************	4 (X° X O) 4 4 (X° X O	RANKARAKARAKARAKARAKAKAKAKAKAKAKAKAKAKAK	LANDING * 30 45.9 * NH SAVANNAH RIVER 81 84.8 * 15	* 34 40.8 * HR * 34 40.8 * HR TUGALO RIVER * 83 20.5 * OP * 470 * 1160	SHIALS * 32 44.0 * Y.S.R.C FLINT RIVER * 84 23.0 * 1S * 1231 * * 1572	BLUFF # 33 0.0 # 1,8,R,C # 30 0.0 # 19 4.0 # 10 4.0 # 10 4.0 # 10 14.0 # 4 10	ALICHUMPKEE * 32 30.0 * H.S.R.C.C.HUMPKEE * 32 30.0 * H.S.R.C.C. * 19.0 * 19.70 * *26.77.*	# 33 0.0 # H,8,R,R,C CHATTANDOCHEE# 85 10.0 # 15 R 2680 # #4330.	# 32 55.0 # CHR CHATTAHUNCHEER 85 11.3 # OP # 3380 # *5417.	**************************************
**************************************	4 (X° X O) 4 4 (X° X O	RANKARAKARAKARAKARAKAKAKAKAKAKAKAKAKAKAK	LANDING * 30 45.9 * NH SAVANNAH RIVER 81 84.8 * 15	* 34 40.8 * HR * 34 40.8 * HR TUGALO RIVER * 83 20.5 * OP * 470 * 1160	A ME ALO A TESTROCO A TESTROCO A TESTROCO A TO THE TESTROCO A TO THE TESTROCO A TESTROCO	BLUFF # 33 0.0 # 1,8,R,C # 30 0.0 # 19 4.0 # 10 4.0 # 10 4.0 # 10 14.0 # 4 10	11VER # 84 0.0 # 119.R.F.	CHEER BS 10.0 & T.S. B.	INT LAKE ** AND SS.O ** CHR ** AND SS.O ** CHR CHATTAHDOCHEER 85 11.8 ** OP ** ** SS.O ** ** SS.O ** ** SS.O ** ** SS.O ** ** ** SS.O ** SS	**************************************
ASSESSED ON OUR CARE OF THE CONTRACT OF CONTRACT ON CONTRACT OF CONTRACT OF CONTRACT OF CONTRACT ON CONTRACT OF CONTRACT ON CO	* (O.E.O.) * * (T.E.O.) * * (C.E.O.) * * (T.E.O.) * * * (T.E.O.) * * * * * * * * * * * * * * * * * * *	REPLY A CONTROL OF THE PARTY OF THE CONTROL OF THE	A DIENTIFERD LANDING A MO 455.9 A NI A SCREVEN GAVANNAL RIVER GI R4.8 A 1900 A 1900 A 4 9626 A 11900	* * * * * * * * * * * * * * * * * * *	A HIGHTOWER SHOALS A JALBOT FLINT RIVER A 84 23.0 A 18 A TALBOT A 1231 A ***********************************	A SPEWRELL BLUFF FLINT RIVER A 84 0.0 A 1.5.R.C A TALBOT PLINT RIVER A 84 0.0 A 19 A 1544.	A LONFR AUCHUMPKEE A 32 30.0 A 1.5.R.C. A 1.0.0 A 1.0.R.C.C.A 1.0.R.C.C.A 1.0.C.C.A 1.0.C.C.C.A 1.0.C.C.C.C.A 1.0.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.	* MANKLIN CHATTAHDOCHER* BS 10.0 & H.S.R.R.C. * TRDIIP CHATTAHDOCHER* BS 10.0 & 10.330.	* WEST POINT LAKE * 32 55.0 * CHR * TROUP CHATTAHOOCHEE* 85 11.3 * OP * DAEN SAM * * S417.	A NOTTELY LAKE NOTTELY RIVERS BG 50.4 & COTTELY LAKE NOTTELY RIVERS BG 50.4 & COTTELY RIVERS BG 50.4 & COTTEL RIVERS BG 50.4 & COTT
ASSESSED ON OUR CARE OF THE CONTRACT OF CONTRACT ON CONTRACT OF CONTRACT OF CONTRACT OF CONTRACT ON CONTRACT OF CONTRACT ON CO	* (D. 1. 2.	REPLY A CONTROL OF THE PARTY OF THE CONTROL OF THE	A DIENTIFERD LANDING A MO 455.9 A NI A SCREVEN GAVANNAL RIVER GI R4.8 A 1900 A 1900 A 4 9626 A 11900	* * * * * * * * * * * * * * * * * * *	A HIGHTOWER SHOALS A JALBOT FLINT RIVER A 84 23.0 A 18 A TALBOT A 1231 A ***********************************	A SPEWRELL BLUFF FLINT RIVER A 84 0.0 A 1.5.R.C A TALBOT PLINT RIVER A 84 0.0 A 19 A 1544.	A LONFR AUCHUMPKEE A 32 30.0 A 1.5.R.C. A 1.0.0 A 1.0.R.C.C.A 1.0.R.C.C.A 1.0.C.C.A 1.0.C.C.C.A 1.0.C.C.C.C.A 1.0.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.	* MANKLIN CHATTAHDOCHER* BS 10.0 & H.S.R.R.C. * TRDIIP CHATTAHDOCHER* BS 10.0 & 10.330.	* WEST POINT LAKE * 32 55.0 * CHR * TROUP CHATTAHOOCHEE* 85 11.3 * OP * DAEN SAM * * S417.	A NOTTELY LAKE NOTTELY RIVERS BG 50.4 & COTTELY LAKE NOTTELY RIVERS BG 50.4 & COTTELY RIVERS BG 50.4 & COTTEL RIVERS BG 50.4 & COTT
A PART A	* (O.E.O.) * * (T.E.O.) * * (C.E.O.) * * (T.E.O.) * * * (T.E.O.) * * * * * * * * * * * * * * * * * * *	REMARKANAMANAMANAMANAMANAMANAMANAMANAMANAMANA	LANDING * 30 45.9 * NH SAVANNAH RIVER 81 84.8 * 15	* 34 40.8 * HR * 34 40.8 * HR TUGALO RIVER * 83 20.5 * OP * 470 * 1160	SHIALS * 32 44.0 * Y.S.R.C FLINT RIVER * 84 23.0 * 1S * 1231 * * 1572	BLUFF # 33 0.0 # 1,8,R,C # 30 0.0 # 19 4.0 # 10 4.0 # 10 4.0 # 10 14.0 # 4 10	ALICHUMPKEE * 32 30.0 * H.S.R.C.C.HUMPKEE * 32 30.0 * H.S.R.C.C. * 19.0 * 19.70 * *26.77.*	# 33 0.0 # H,8,R,R,C CHATTANDOCHEE# 85 10.0 # 15 R 2680 # #4330.	# 32 55.0 # CHR CHATTAHUNCHEER 85 11.3 # OP # 3380 # *5417.	**************************************

DATE 15 FEB 81 NATIONAL MYORDELECTRIC POWER STUDY TIME 01.18.29 PAGE 36 OF TABLE 1

* * * * *	PRIMARY CO NAME OF			CO TANGO CO	# % TATUS # # # # # # # # # # # # # # # # # # #	**************************************	*****	### #		THE STATE OF THE S	THE STATE OF THE CONTROL OF THE CONT		ENC ECONDMIC ERC NONECONDMIC ERC COMPOSITE (SEQUENCE RANK) (SEQUENCE RANK)	E RECONSTRUCTOR SERVICES
44444444444444444444444444444444444444	TOURS CRIEF TO STAND THE STAND CRIEF	***********	* * * * * * * * M	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * *	* * * * *	**************************************	* * * * * * * * * * * * * * * * * * * *	**************************************	* 0
GA68ASOO82 * GAU0132 * S ORC I *	EAAN EAAN	SATILLA RIVER	N M 00 * * * * *	17.9 27.7 1100	* * * * O * O * O * O * O * O * O * O *	N.	44 4 4 4	4971	****	124 124 194 194 194 194 194 194 194 194 194 19	10347 833.14	• •	c c	•
GA6SASOOS4 * GAUOOS8 * CAUOOS8 * CAU	TODMSBORO WASHINGTON	CONEE RIVER	N M M M M M M M M M M M M M M M M M M M	53.3 1.5 3308	0000 N I I I I I I I I I I I I I I I I I	, N	4000 4000 0000 4444	200 N 200 N 300 N 30 N	****	67 W 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 88 88 88 88 88		ċ	2000
GA6SAMO144 * GAUGO24 * E DRC *	TTL TON WHITFIELD	CONASAUGA RIV	4 4 4 4 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	T T T T T T T T T T T T T T T T T T T	# # # # # # # # # # # # # # # # # # #	* * * * * 00 N *0 *	13416 13416	****	000 044 000 000 000 000 000 000 000 000	1826 66 59		c ·	2000
GA6SASOO87 * GAU0065 * 2 DRC I * 1	ANTHONY SHOALS Wilkes	BROAD RIVER	M NO M NO	0 W ₩ 0 0 0 0 0 0	E	** 77.0 * 320000 * 63.0	000	644 644 644 644 644 644 644 644 644 644	****	* * * * * * * * * * * * * * * * * * *	5127.1 78.950		° c	2000
GAUSONO145 * GAUSO09 .*	ARRANS CREEK Ecrte	FLINT RIVER	* * * * W 00 17	4037	T T T T T T T T T T T T T T T T T T T	***	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13063 13063	***	22 22 22 23 23 24 24 24 24 24 24 24 24 24 24 24 24 24	3086.9	* C	ċ	

EVELO SMALL Q AODITIONAL 9 Z « 21 C) ks. CAPACITY POTENTIAL H E C T R I C PHYSICAL **>**

ш

* * * * * * * * * * * * * * * * * * *		# H H H H H H H H H H H H H H H H H H H			* #			3)
	k in	# X B D D D D D D D D D D D D D D D D D D						NS 2 ANI
1	K 10.	* * * * * * * * * * * * * * * * * * *			* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	本本本本本 対立	, 55 <u>E</u>
4 4 4 4	*	* * * * * * * * * * * * * * * * * * *					* * * * * * * * * * * * * * * * * * *	CSUM AS DO AS A NO B B A NO B
4	k K	* H G M H M M M M M M M M M M M M M M M M						C I I I I I I I I I I I I I I I I I I I
80 1	k Σ ·	* * * * * * * * * * * * * * * * * * *	0	****	*****		****	ENTIAL C
OK 1	な 芝 *	* * * * * * * * * * * * * * * * * * *				* * * * * * * * * * * * * * * * * * *	0 0	APPER REPORTED
CAPAC	k .	* * * G G G G G G G G G G G G G G G G G	0	* * * * *	0	0 0	* * * * * 0 *0 0	H D W D W D W D W D W D W D W D W D W D
3E 4		* H C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * *	*****	*****	* * * * * * * * * * * * * * * * * * * *		# # # # # # # # # # # # # # # # # # #
	* E	UNDERANT CANAMANTAL CA						
	* X.	* * * & & & & & & & & & & & & & & & & &					* * * * * * * * * * * * * * * * * * *	K
1 1 1	9. X X X X A A A	* * F G G G G G G G G G G G G G G G G G		* * * * * * O * O	0			EX H XX X X X X X X X X X X X X X X X X
2 4 4	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 0 ·	# #	r og:	x -	*	* - -
-	*	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	K	* * * * * * * * * * * * * * * * * * *	**************************************
	¥ 3 * Σ * Σ		* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	X 4 4 5 5 5 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	* UZS * JEH * HUUH * HUUH * HUUH
•	* * *	* * * * * * * * * * * * * * * * * * *			* * * * * * * * * * * * * * * * * * *	K	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	E - 0.M
* * * : 3	* * * *	**** 53I HZ H>U	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* ECU * ECU * ECU * EC>> * EC>>	** NWD 100 ** CO 100 ** CO 100 **
: IAI ≪ C	14 t H Z	⊔ tu ⊱	# O	# 0		000	TOTAL	r k k k k k k

Z W E ٥ DITIONAL 0 ø ۵ 900 سا عد æ 0 īs. 2 z ∢ POTENTI > CAPACIT CAC ပ H 95 -> I U LL2 H Y D R D

0

تعا

E E

æ. ⊷

4 C		**	***	****	******	****	******	*	***	***	*	· · · · · · · · · · · · · · · · · · ·	· 电极性 医皮肤	***	***	***	***
L 1. H Z	4 4 4 5 C C C C C C C C C C C C C C C C	•	3 I	N S			Z. E.	E E	* * #	œ	# A T € R	in Ni Z	* * *			A.	K K
4 (2012) 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * D	a to a constant	x ⊃ 6. M :	* 4 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * LO CO	* H Z Q	* B B A + B B B B B B B B B B B B B B B B	# # # # # # # # # # # # # # # # # # #	* F F G F & F F G F G F F G F F G F F G F F G F F F G F	* * * * * * * * * * * * * * * * * * *	* > C - C - C - C - C - C - C - C - C - C	* 7 0 4 F	* 50 00 4	# # # # # # # # # # # # # # # # # # #	* 四百人	* + + + + + + + + + + + + + + + + + + +
6	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *				* 000	× 000	# 000 # 00 # 00	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* 00
K 65		* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	*	* * * *		* * * *		* * * * * * * * * * * * * * * * * * *	* 000	* • •	* 000	. 000	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 000
6	2	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* 1	k • • •		* 000	* * *			* 000	* CCC :	* 000	* • •	* • •	* 02 * 04 * 0.4
0014		K 471	K	K 02 W	K 4		k • • •		000	K 00	* 000	* * *	* * * * * *	* 0		# 4 # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
TOTAL	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	K 在 K 在 A K K K K K K K K K K K K K K K		t -		K						* * * * * * * * * * * * * * * * * * *	**************************************	# # # # # # # # # # # # # # # # # # #	4 00 4 00 4 00 4 00 4 00 4 00 4 00 4 0	* 6 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	COLUNN COLUNN COLUNN	k — υ.ω. κ # ###	EXTSTING ADDITIONA	EXISTING HYDROPOWER ADDITIONAL POTENTIAL	* * * * * * * * * * * * * * * * * * *	*	# 1 0 W	*	# # # # # # # # # # # # # # # # # # #	*	*	* 102 * 4 03 * 103	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************	* * M

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.17 PAGE 118 OF TABLE 1

FM P ID NO * ACTV DEP * STATUS *	* FM 1 ID NO * PRIMARY CO. *NAME OF STREA * ACTY DEP * COE * COE * FILE	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	LATITUDE * DR.AREA * (D.M.M.) * (S.M.M.) * (S.M.M.) *	PROJ.PURP. AVE. G * AVE. G * A	# # # # # # # # # # # # # # # # # # #	. 0333 0040 440 640	**************************************	- 00 0 0 1 3 1 0 0 0 1 3 1 0 0 0 1 3 1 0 0 0 1 3 1 0 0 1 3 1 0 0 1 1 0 1 0	COEDUCE RAPORTION OF THE PROPERTY OF THE PROPE
* 4 5 6	**************************************	ATTACA TOWER HAMAKUTA COMER HAMAKUTA S TO	# 000 # 000	* * * * * * * * * * * * * * * * * * *	* * * O * A * * * * * * * * * * * * * *	在	**************************************		K K K
HIMPOHOOOS HIOO131	* PAPAIKOU MILL NONAME-OFFSTR * HAMAII NOST PROCESSING CO	* * WONDWIND CO SANDONING CO	19 26:0 135 X6:0	10	000	000	****	00	1003
HIHPOHOOOS HIGO128	* PUHEO * HAWAII * HILD ELECTRIC L	WAILUKU LIGHT CO	9 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	10	000	000	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 	e e	
HINPOHOOGE HIOOISS 2	* UNTON * HAWAII * KCHALA COPPORAT	KCHALA DITCH *	120 120 120 120 120 120 120 120 120 120	H H H H H H H H H H H H H H H H H H H	n 49 4	000 enen	* * * * * * * * * * * * * * * * * * *	94.687 3.94	1002 1001
HIPOHOODE HIPOHOODE NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW	* WAIAU * HAWAII * HILO ELECTRIC	WAILUKU	200 mm 200 mm 200 mm 200 mm 200 mm	*****	0 0 0 NI NI NI NI	000	* * * * * * * * * * * * * * * * * * *	00	
HISPOHOCO1 HIUCOO7	* * * * * * * * * * * * * * * * * * *	WAILDA	150 4 155 37°3 14	118 71.0°17	0 0 th		* * * * * * * * * * * * * * * * * * *	11745	* 2003 * 2002 * 2003 * 3003
HICPOHOGO9 HIGGO17 Z DRC	* WAHTAWA RESERVCIR * HOWNLULU * CASTLE AND COOK LTO *	CIR KAUKDNAHUA ST K LTO	21 30.0 156 3.0	****	000	****	* * * * * * * * * * * * * * * * * * *	151,19	* 2001 * 2001 * 2001
HIJPOHOO18 HIOOO98 S DRC	* ALEXANDER RESERVOIR * KAUAI NAHI * MCRRYDE SUGAR COLL	R RESERVOIR WAHIAWA STREA	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	99 \$ 95 E E E E E E E E E E E E E E E E E E	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000	* * * * * * * * * * * * * * * * * * *	66	° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °
HISPOHOO11 HIUGOO1	* HAMALET * KAUAI	HANALEI RIVER	* 22 7.8 * 159 28.0		000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		11615	2002 2008 * * * * * * * * * * * * * * * * * * *

DATE 14 FEB B1 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,17 PAGE 119 OF TABLE 1

ACTV DEP CODE CODE FILE STATUS	A PRIMARY CO. LOAME OF STREAM A PRIMARY A A STREAM A A A A A A A A A A A A A A A A A A	1 * * * * * * * * * * * * * * * * * * *	80 S	X. STOR. KFT) (AC FT) (FT)	# # # # # # # # # # # # # # # # # # #	*IOC. ENERGY* ENERGY (MEH) * (1000 : (MHH) * (8/HW) * (MWH) * (8/HWH) * (8/H	* + OOOO	A CONTROLLER A CON
IIIPOHOONE HIOOHOONE PHOOLUSE	**************************************	**************************************	**************************************	210.0	**************************************	**************************************	**************************************	**************************************
HICPUH0016 HI00012	KAPAIA RESERVOIR KAHAI LIHHE PLANTATION CO LTD	* * * * * * * * * * * * * * * * * * *	****	11194	000	O O W W W W W W W W W W W W W W W W W W	06	2006 2001 2006
HISPOHOO12 HIU0003	* KOKEE WATER PROJECT * KAUAI * STATE * STATE *	* R R 7.9	A A A A A A A A A A A A A A A A A A A	0140 0110 0000 0000	6.79 6.79	0767	14377	2007
НІСРОНО017 НІОООЗО 5 DRC	* KOLOKO RESERVOIR * KAUAI OFFSTREAM * MARY N LUCAS ESTATE	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	006		66	
HIHPOHOO21 HIDO134 H	* LOWER LIHUE WAIAHI * LIHUE PLANTATION CO.	* * * * * On the contract of t	10 H 0 0 0 0 4 4 4 4 4	* * * * * 0 0 0 9 0 0 N	000	* * * * * * * * * * * * * * * * * * *	66	
HICPOHOOIS HIBOROS PRC	* PUU LUA RESERVOIR * KAUAI * KEKAHA SUGAP CO LTD	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	O In In	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	46. 	2005 2001
HIHPOHOOSO HISOLSS S DFC	* UPPER LIHUE * KAUAI * LIHUE PLANTATION CO *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	0.0°	606	* * * * * * * * * * * * * * * * * * *	e e	
HISPOHOO14 HIU0005 P DRC	* MAIALEALE SOUTH FORK W	100 100 100 100 100 100 100 100 100 100	1 tr tr tr tr tr tr tr tr tr tr	448 675 675 675 675 675 675 675 675 675 675	44 777 74 6	16651 156651 156651 156651 1565	14780 887,61	2008 2002 2007
* HIMPOHOOS4 * WAIAWA * Hioo137 * Kahai * S DFC * KFKAHA SUGAR CO	* SATAWA * SATAWA * SATAWA * SECAMA SUGAR CO	* 21 59.8 * 159 43.5	# * * * C	* * * * * * * * * * * * * * * * * * *	000	* * * 4	00	

FPGY COST* ERC FCONDILC FPGY COST* ERC NONECONOMIC* FRC COMPOSITE* 1000 \$) * (SEGUENCE RANK) * (\$/XMI) * (SEGUENCE RANK) * (\$CONDINCE RANK) *	0 * 1004 002	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	1001	4 * * * * * * * * * * * * * * * * * * *	*****	*****	0 * 1007 0 * * 001 1006 * * * 4	***
A TO	****	1000 * M600 * 1000 M M600 * 4 M	2600 x 24000 x 1005 x 1005 x 1005 x 1005 x 1002 x 1002 x 1002 x 1005 x 1	* * * * * 000	*****	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *
A C L L L L L L L L L L L L L L L L L L	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*****	****	* * * * * * C	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * *
**************************************	######################################	100 Me 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	22 11.99 * H 159 33.95 * OP 13 * *	20 50° 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	20 53.4 IH		** 157 9° 0° 18 157 3° 0° 18 157 3° 0° 18 18 4 187	* 20 53.3 * IH * 156 20.4 * CP
₹	**************************************	WAIMEA WAIMEA ** KEUAI SUGAR CO **	MAINIHA MAINIHA ** MCRAYDE SUGAR CO **	HAMAKUA DITCH * MAUT * ** ** ** ** ** ** ** ** ** ** ** **	HOOPOI CHUTE WAIHEI DITCH A	KAHEKA MAUT WATLOA DITCH HCS CO	KAUAULA Maut Pioneer mill co	KUALAPUU RESERVOIR MAUI STATE OF HAWAII OLNR	PAIA MAUT WAILDA DITCH
* * * * * * * * * * * * * * * * * * *	THURDOTOOMS A SAME X X X X X X X X X X X X X X X X X X X	TITPOHOOW A SA TITOOHOOW A SA TITOOHOOW A SA S	HIHPOHOO19 A HIOO130 A H	# HISPOHOOMO # HA	THE CHOOMOUNT IN THE CH	HIHPOHOONS * KI	HITPOHOOON X X TIOOLON X X X Y TOOLON X X X Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	TICPOHOOS6 * TICPOHOOOS6 * TICPOHOOOOS6 * TICPOHOOOOS6 * TICPOHOOOO00000000000000000000000000000000	* HINPOHOONY * P

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,18 PAGE 121 OF TABLE 1

** (ATITUDE * PROS.** PURP.** DAM HI * EXIST.** CAP. ** FATTUDE ** PURP.** DAM HI * EXIST.** CAP. ** FATTUDE ** PROS.** PURP.** DAM HI * EXIST.** CAP. ** FATTUDE ** PARC.** PURP.** CONT.** CAP. ** C	**************************************	* 0
**************************************	ĺ.	11.076 11.000 ******
**************************************	**************************************	1000 x x x x x x x x x x x x x x x x x x
######################################	* * * *	*
* (FT) * * * * * * * * * * * * * * * * * * *	000°	10°0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* (FIT) * (OTO) * * (FIT) * (FIT	E # # # #	* * * * * * * * * * * * * * * * * * *
**************************************	# # # # # # # # # # # # # # # # # # #	* 10°01
# TAN C IO NO A DROUGE OF SAME OF GIVERS AND AND NO AS THE COLOR AS TH	EATTRE DIVER	A HISPOHOSOO & WAIHEE A HIUOOOG & MAUI A Z DRC I & A PRANCENTANA NA
**************************************	**** SAMINA TAMI	
**************************************	# HINDOON * PAUTON * THUOON * MAUTON *	# HISPOHOSOO # WAIHER # HIUOSOS # MAUI # Z DRC I #

LOPMENT M A I الة ح ADDITIONAL 111 121 121 131 131 O Z F 0 CAPACITY OTENTIAL E C o. ပ ICAL w z o

_
0
I «
0
-
ie.
0
ia)
-
⋖
-
ŝ
ŭ.
I
-
z
3-4

*******	4 10 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	01. 01. 10. 10. 10. 10. 10. 10. 10. 10.		* * * * * * * * * * * * * * * * * * *	000 1 000 1 000 1	# # # # # # # # # # # # # # # # # # #	<u> </u>
* 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DOTENT OCTOR	* * * * * C	* * * * * 0 0	0 0	i nuo t	k 900 900 1 k 1	NS 2 AND MATTO
* * * * * * * * * * * * * * * * * * *	**************************************	26.0* 171.*	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	67 17 10 10 10 10 10 10 10 10 10 10 10 10 10	* * * * * * * * * * * * * * * * * * *	NU 21 NU 900 NU 900 NU 900	F COLUMNS 2 /
* *	****	01 M M M M M M M M M M M M M M M M M M M		2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 01		CSUN CS
* * * * * * * * * * * * * * * * * * * *	4 H H H H H H H H H H H H H H H H H H H		r " • 0" − 1	10 to	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	CAPACITY (SUM OF GIVEN HEAD RANGE (C
を を を を を を を を を を を を を を を を の の の の	* * * * * * * * * * * * * * * * * * *	0 *	0	0 0	# # # # # # # Mrs0 # # 60 # 00 # Mr	# #	T THAN OR GO
TTY DANGE	# * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *				X Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
. CAPACITY ************************************	**************************************		r 200 → 1	M.Q. M.Q. M.D. M.D.	# # # # # 	81 M 01 20 6-0 7 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #
T S S S S S S S S S S S S S S S S S S S	**************************************	MO I	x 3.3 x 60, x 10, x 10,0 0	k noo i	* * * * * * * * * * * * * * * * * * *	K	Z >> 10 22 >
¥ ∑				* 6	K K K K K K K K K K K K K K K K K K K	* * * * * * * * * * * * * * * * * * *	
POTENTIAL	**************************************			* MO *	#		E E E E E E E E E E E E E E E E E E E
* * *	***** *DOZU *HXH *UZU	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* MU! * MU! * MU * * MU *	TX *** *** *** *** *** *** *** **
* * * * * * * * * * * * * * * * * * *	10000000000000000000000000000000000000	>	* *	* *	* ~ ~ ~ ~	* 0.4	* -
* En	* * * * * * * * * * * * * * * * * * *		* * * * * * *	* * * * * * * * * * * * * * * * * * *	* UP MI * UP MI * UP MI * UP MI	* W M M M M M M M M M M M M M M M M M M	**************************************
* 30 4 50 4 50 6 4 50 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	*	* * * * * * * * * * * * * * * * * * *	** ** ** ** **	* * * * * * * * * * * * * * * * * * * *	# (U.Mn # #	* M * M * M * M * M * M * M * M * M * M	NN * * * * * * * * * * * * * * * * * *
** ** **	******	* * * * * * * * * * * * * * * * * * *	* * * * * * *	* * * * * * * * * * * * * * * * * * *	* WO • · * * * * * * * * * * * * * * * * * *	水	* HIII * HIII
******* 3 420 1-0-4-1	03I 03I HZ	* * * * * * *	* * * * * * * * * * * * * * * * * * *	* *	* # # # # # # # # # # # # # # # # # # #	* & X > > + & & X & X & X & X & X & X & X & X & X	* NED
	hi to F	* 6 * # * 5 * 0	* 0 * 7	* 6 * 5	* 00 # 00 # A	* * * * * * * * * * * * * * * * * * *	**************************************

OPMENT ئد ند ح DITIONAL u.s ű > Œ 0 œ 4 LES. z u Œ 3 0 Ea. z ⋖ ENTIAL > 0 D. ο. ⋖ ပ <u>ل</u> لا O O œ u) u r ш ... u 0 O

-

化 电 电 电 电	ARACASARACATACATACATACATACATACATACATACATACATAC	**************************************	######################################	**************************************	**************************************	**************************************	######################################
**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*
* UI + UI +	* * * * * * * * * * * * * * * * * * *	# 000 # 00	* ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	* 00	K 700 H K 44W H K 600	K 400 K 400 K 400 K 400 K 400	
# CC	* * * * * * * * * * * * * * * * * * *	* 000 * • • • *	* 000 * • • • * • •	* 6000	* 11.1 * 10.0 * 0.00 * 4.00 * 4.00	* * * * * * * * * * * * * * * * * * *	4
* (1 +	X	# 50 H #	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	04 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	125	
* H	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	4 10 0 4	K ~ 00 1		1000	
* 1		* * * * * * * * * * * * * * * * * * *	* ~ ~ M ·		k nu-re-un i	2 44 2 44 3 60 5 7 7 8	
* Z		* * * * * * * * * * * * * * * * * * * *	* 40 M	* * * * * * *	- H	M	*
#	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*	COC	000		
# 4 # 4 # 4 # 4	4	* * * * * * * * * * * * * * * * * * *	* = 00 + 10 + 10 + 10 + 10 + 10 + 10 + 10	K	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 00 00 00 00 00 00 00 00 00 00 00 00	
* 1	3 * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *		ذ ،	10009	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	EXISTING HYDROPOWER ADDITIONAL POTENTAL
# # # # # # # # # # # # # # # # # # #	0 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	* Ci	* * * * * * * * * * * * * * * * * * *			M 000 1	SAT TREE X
* * * * * * * * * * * * * * * * * * *	خسائفا خ⊷	* 1	1	7.04	2 m m m m m m m m m m m m m m m m m m m	4000	は 日 日 は 一 代 は マ で
* * * * * * * * * * * * * * * * * * *	ZO 031	* * * * * * * * * * * * * * * * * * *					
* *	te tei tei ⊱	* 6		66	C #	A.	k.

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.18 PAGE 122 OF TABLE 1

ACTV 10 NO A ACTV 10 NO E CODE CODE A A A A A A A A A A A A A A A A A A A	PRIJECT NAME PRIMARY CO. NAME OF OWNED	STREAM	2	4. Q ON LO		M	4 # * * * * * 0 > > 0 = * * * * * *	0031 0331 8) 81	FECTION ON TO THE FROM ON ECONOMINATE OF THE FROM ON T
* 1 020 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A DA A A A A A A A A A A A A A A A A A	在 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	**************************************	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	你就就像我就就要我看我我就会我们就要我们就要我们就要我们就要我们就要我们就要我们就要我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我
*** COCOPEROPE TOCOPEROPE BEC H	BLACKS LAKE BLACKS A ADA PLEASANT VALLEY IRR CO	BLACKS CREEK	* * * * * * * * * * * * * * * * * * *	* * * * * M 00	000 000 000 000 000 000 000 000 000 00	11 10 M M 00 11 11 11 11 11 11 11 11 11 11 11 11	N 000000000000000000000000000000000000	98.527 46.978	****
IDGNPWOODS * 1 IDOO281 S CRC S S CRC	* BOISE DIVERSION * AOA * OOI USBR	BUISE RIVER	* * * * * * * * * * * * * * * * * * *	## # # # # # # # # # # # # # # # # # #	10 M	11278 x x x x x x x x x x x x x x x x x x x	2000 1000 1000 1000 1000 1000 1000 1000	544 51.00 73.00 73.00	***
ID4NPWOOO3 IDUOO54 6 DRC S	A ADA GUFFEY	SNAKE RIVER	* 110 18 1 * * * 110 18 * * * 4	11 SP 10200.03	27000 15 15 24000 24 44 44 44 44 44 44 44	20113	110960	24 47 60 60 60 80 80 80	****
IDCNPW0009 ID00288	FEDOKY PERKY A ADA PEN NPW	BOISE RIVER	* * * * * * * * * * * * * * * * * * *	######################################	250.0 307000 216.7	75000	278500 278500 278500 278500	2557.4 9.1830	* * * * *
TOENPWO605 NONE S OFC S	* NEW YORK CANAL * ADA * BOISE KUNA AND	BOIDSE RIVER NEW YORK IRR	* * * * * * * * * * * * * * * * * * *	11 00 00 010 010 010 010 010	000	12 12 12 12 12 12 12 12 12 12 12 12 12 1	0000	165,74 33,149	* * * * *
IDGNPW0004 ID00049 S DFC I	* SWAN FALLS * ADA * ID POWER CO	SNAKE RIVER	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	H	4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	co	* * * * *
IDSNPMOO14 IDHO299	SEAR CREEK WALLS	LS BEAR CREEK	* 44 55°0 116 43°0 98 98 4	I 30 00 0 1 4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0	10.0 90.0 87.9.1	0 0000	17200	579.89 39.511	****
IDCNPW0019 ID00136	A C BEN TOOS	LITTLE WEISER	# 44 31.3 x R* 116 27.7	* * O.25.0	7787	* * * *	* * * * * * * * * * * * * * * * * * *	33.703	. * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,18. PAGE 123 OF TABLE 1

	化铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁	****	****	****	****	***	***	* * * * *	* * * *
# \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	* * * * * * * * *	****	****	****	****	****	****		****
**************************************	* * * * * * * * * * * * * * * * * * *	3.92 60 5.52 402	50.175	681.21 54.193	00	00	66. 66. 66. 66. 66. 66. 66. 66. 66. 66.	734,28	20 20 20 20 20 20 20 20 20 20 20 20 20 2
* Z 02 02		**** 0000 000 1	10177 * * * * * * * * * * * * * * * * * *	* * * * *	1995600 ***	1044300 ***	01 01 02 02 01 0	2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
K	10 M G	1 4 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2713	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	391500	190000	17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	2 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2075
***	* * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 00 00 00 00 00 00 00 00 00 00 00 00 0	10°0 90°0 8887	10.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	330000 170000 272 20000 34 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.00 9.00 9.00 9.00 9.00 9.00 9.00 9.00	220°0 7	0.00	80°0 6770 87°0 84°0 84°0
	K	* * * * * * * * * * * * * * * * * * *	* * * O * O P	110. 110. 110.	TO DO OFF	TD 000000000000000000000000000000000000	A A A A A A A A A A A A A A A A A A A	20 TH 80 0 0 TH	* * * #O* ##
* C C C C C C C C C C C C C C C C C C C		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	45 15 0 1 1 1 6 41 9 4 4 4 1 9 4 4 4 1 9 4 4 4 4 4 4 4	44 53 50 11 11 11 11 15 15 15 15 15 15 15 15 15	42 19.9 * 117 0.0 * 73300 *	44 58.0 * 116 50.5 * 72600 *	455 6.9 116 16.9 4 1206 4	44 000 00 00 00 00 00 00 00 00 00 00 00	42 47 9 * 112 20 9 * 897 *
k Σ: k <	ANNANANANANANANANANANANANANANANANANANA	INDIAN CREEK **	DEEP CARRY	#ILDHORSE RIV*	SNAKE RIVER **	* * * * * * * * * * * * * * * * * * *	** LITTLE SALMON*	* * ALCHORGE RIVE	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *	COLD SPRINGS RIDGE ADAMS LITTLE WEI	CUPRUM ADAMS	DEEP CREEK ADAMS	EMERY CREEK Adams	HELLS CANYON ADAMS ID POWER CO	DXHON ADAHO IO BOWER CO	ROUND VALLEY ADAMS	WILDHORSE ADAMS	BLACK ROCK BANNOCK PORTNEUF R
# # # # # # # # # # # # # # # # # # #	TOSNOROSS A TOUNOSO A TOUN	# IDSNPWOO12 # IDUG997 # # 2 DRC I #	TOSNPWOOTI * TOSOSOS * TOSOSOS *	* IDSNPWOO13 * IDUO298 * *	TOINPHOOMY * IDINPHOOMY * IDOOOSS * S DFC I *		* ID4NPMOO10 * ID40105 * * S DRC I *	TDSNPWOO16 ** TDUO332 ** P DRC I **	* ID4NP40094 * TDU0085 * * TDU0085 * * * * * * * * * * * * * * * * * * *

***** ***** ***** ***** ***** *****		* * * * * *		* * * * *	* * * * * * * * * * * * * * * * * * *		* * * * * *	* * * * * 1	*************************************
* F O O O O O O O O O O O O O O O O O O	t	2000 000 000 000 000 000 000 000 000 00	***** 	***************************************	*****	* * * * * * * * * * * * * * * * * * *	2990 47.135 * * * * *	41.500.000.000.000.000.000.000.000.000.00	4 C0100 4 C0100 7 G040 7 X 460 7 X X X X X X X X X X X X X X X X X X X
* X X X X X X X X X X X X X X X X X X X		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1030601 1030601 1030601	* * * * * * * * * * * * * * * * * * *	* * * * * †	* * * * * * * * * * * * * * * * * * *
**************************************	1 80 M	40 40 	nn 0,00 0,00 8,4,4,4,4	* * * * * * C M M of of of of		100000000000000000000000000000000000000	18077 18077 18077	* * * * * * * * * * * * * * * * * * *	100 00 00 00 00 00 00 00 00 00 00 00 00
X X X X X X X X X X X X X X X X X X X	**** **** **** **** **** **** **** **** ****	**** 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * O O N • • • O O N	* * * * * 000 a or m	4 M 0 0 0 0 0 0 0	30.00 M17.00.0	W W W W W W W W W W W W W W W W W W W	23000 x 42000 x 319 6
A A T C S C C C C C C C C C C C C C C C C C	*	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	N	# # # # # # # # # # # # # # # # # # #	T	* * * MO ******************************	T	# # # W
****	######################################	472 444 1172 144 44 W757 44 44	110 35° 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	42 111 28 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	111 26.7	47 11.5 116 31.3	47 12.4 116 33.5 400	47 14.5 116 37.6	* 43 11.2 IV* 112 0.3
#	ARARARARARARARARARARARARARARARARARARAR	MARSH CREEK DAN MARSH CREEK ** BANNDCK MARSH CREEK **	POCATELLO ** BANNOCK PORTNEUF RIVE* *	BLOOMINGTON RESERVOIR * BEAR LAKE BLOOMINGTON C*	PARIS POWER PLANT ** BEARLAKE PARIS CANYON ** UTAH POWER AND LIGHT CO **	A T AAAAA TO O' WATAAAAAA TO AAAAAAAA AAAAAAAAAAAAAAAAA	ST. MARIES NO. 3 BENEHAH ST. MARIES R.	GT. KARIEG NO. 1 BENEWAH GT. MARIEG R	ALDRIDGE BINGHAM BLACKFOOT RIV
*	**************************************	TOTANDROODE FE TOUGHS A B TOUGHS A B FE TOUGHS A B FE TO B C T	TOUNDESCOURT * B IDUORAT * B IDUORAT * B	# IDSSPK0714 # B IDUOS66 # B # S DRC I # B	# # # # # # # # # # # # # # # # # # #	# ID4NPS0002 # S # IDU0338 # S # S DFC H # S	TDSNPSSO12 A S TDUSO12 A B TDUSO12 A B A B DFC R A B	# 106NPSOOD1 # S # 10UO387 # B # 2 DFC D #	# ID4NPWOOS2 # F # IDUOS12 # E * S DRC I #

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.19 PAGE 125 OF TABLE 1

* * * * * * * * * * * * * * * * * * *	THOUSED NAME TO INAME OF OTOERS **	9 T R	1	3 (3) 2 (3) 2 (4) 3 (4) 4 (4) 5 (4) 6 (4)	***** **** ** *** *** *** *** *** *** *** *** *** *** *** *** **	La	-MM 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	30 9X	ERC ACINOMIC ERC ACINECION (SECUENCE RANK) (SECUENCE RANK) (SECUENCE RANK)
•	A UNIONI DELLA PER	. >	43 6.9 111 54.	. 80 . 41 . 80 	* * * * 000 000 000 000 000 000 000 000	14768		######################################	***************************************
IDUNOSO I	FERRY BUTTE BINGHAM	名	112 38.9	* * * * * * * * * * * * * * * * * * *	W 00 00 00 00 00 00 00 00 00 00 00 00 00	11663	47108 47108 4 4 8 8 0 1 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	E CO	***
ID4NPW0036 x IDW0316 x S DRC I x	THU NHING THU NH	SNAKE RIVER	43 18.9 112 11.0	* * * * * * * * * * * * * * * * * * *	**** **** *** *** *** *** *** *** ***	886 886 886 886 886 886 886 886 886 886	* * * * *	2845 148910	****
HO4NPHOOSS IDUOS15 S ORC I	GRAVES CREEK BINGHAR	SLACKFOOT RIV*	43 2.9 111 54.9 725	**************************************	220°0 715000 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	21 24 20 20 20 20 20 20 20 20 20 20 20 20 20	M W W W W W W W W W W W W W W W W W W W	7905.9 242.40	. * * * * *
ID4NPW0028	MONADO	** ** ** ** ** ** ** ** ** ** ** ** **	43 20.3 112 9.9	T I S I S I S I S I S I S I S I S I S I	37.00.000.000.000.000.000.000.000.000.00	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * O = 0 O = 0	4025 76* 84	. * * * * * *
IDUO313 R DRC I	A SUNDING CREEK SINDIAK SINDIAK	GLACKFOOT RIV*	43 10.0 111 58.9 835	* * * * * * * * * * * * * * * * * * *	00000000000000000000000000000000000000	0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	M M M M M M M M M M M M M M M M M M M	933.98 37.473	***
HOSNPEODUL HDUOULL S DRC L	MOLVERINE CREEK BINGHAM	BLACKFOOT RIV*	112 3.9	* * * * * * * * * * * * * * * * * * *	10.01 0.00 0.00 0.00 0.00 0.00 0.00 0.0	* * * * * * * OM M	****	12008 1308 1308 1308	****
ID4NPW0037 ** IDU0317 ** S DRC I **	* WODDVILLE * BINGHAM	**************************************	43 24.0 112 9.0	1	UI W # # # # # # # # # # # # # # # # # #	0 NI NI 0 TO 0 TO 0 TO		7.94 7.44 6.00 6.00	****
* IDSNPWOOAS * SAKER CREEK * IDUO270 * BLAINE BIG WOOD RIV	BLAINE CREK	* * * * * * * * * * * * * * * * * * *	43 46,9 114 33,0	# # # # # # # # # # # # # # # # # # #	* * * *	# # # # © ₩ m ∃D 50 ¬7 ¬7	000	50% 80%	* * * 1

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,19 PAGE 126 OF TABLE 1

EHO:	X X X X X X X X X X X X X X X X X X X	***	* * * * *	****						*
COMPOSITION OF THE PARTY OF THE	4 & 1									
	SECUENCE A									9
* ERC NONDECONO * ERC NONDECONO * ERC COMPOS * (SEGUENCE RANK	CSEGL CSEG									• • • • • • • • • • • • • • • • • • •
# # # # # # # # # # # # # # # # # # #	* * 3	****	****	****	****	****	****	****	****	****
ပ္ပပ္ မ	E		0 PO	0 M 80 . 9 W	0.00 8.00 9.4.60 8.00	983.8 311.30	32.0 9.729	046.4	6 W 6 N 2 Q 4 B	5375.2 29.325
NUL.	\s	4 W	17	## ##		g. W	ณ์ท	₩.	- in	វាម
****	* * *		4 * * * *	022	0 M M	444 444	**** O O O M M 20 80	00 888 011 111 111 111 111 111 111 111 1	0 mm	* * * * * • m n c • m m
EXIST ENERGY* ENCL* *INC. ENERGY* ENCRGY *TOT* ENERGY* (1000	CEEEE		4 4 4 4 4 4	717	70.20	MM	AL AL SD SD	300	M M	108935
XZD XXD			****	****	****	****	****	****	****	****
CAND.	4	0.00	1002	0 1686 1686	1239	1227	77.0 28.08 28.08 28.08 28.08 28.08	0.00 10.10 10.10 10.10	0.7.2	79838
INTERPORTED TO THE COMPANY OF THE CO	33	t K						ਕਦਾ -		
X Z O	4 4 4 * 1		* * * * *	****	****	****	****	****	****	****
F & O	FT)	80380 80380 827.7	10.0 90 99.7	10.0 90 399.6	10.0 99.7	10.0 90.8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	33.0 2000 19.8	45.0 600 37.9	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
** XX X	(FT)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	~ ~	~ M	- 6v	m	ลีพี ลี			- 1
	**		* * * * * O	* * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * o	* * * * * * * * * * * * * * * * * * * *		*****	712
	to 4					•	មា			
A V A	CF	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ø,	308 308		n. G	ن _و =	1 C 0P +47	øs	1 S
1	* * 1			0 M M M M M M M	0 E = 0 M	ru.	ن 		00 I ⋈ # # # # #	
	* * 1	****	7.3 * H 56.9 * HS 303 * AS	2 00 - 00 - 00 - 00 - 00 - 00 - 00 - 00	* * * * * * * * * * * * * * * * * * *	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.55 * 1 C 1.57 * 4 * 0.90 1.57 * 4 * 1.57 * 4 * 1.57 * 4 * 1.57	ບ ≱		****
	* * 1	K + 40 M)	**** *****		* * * * * * * * * * * * * * * * * * *	0.00 *****	N.**	* * * * * *		115 28 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
TALCALITUDE * BE CONSTRUCT * C	* (E = 0) *	E	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 443 39.0 * * 178 * * 114 28.9 * 1 14 28.9 * 1 18 4 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	** 443 4490 ** I	2	1 C	* * * * * * * * * * * * * * * * * * *	4 * * * * * * * * * * * * * * * * * * *
TALCALITUDE * BE CONSTRUCT * C	* (E = 0) *	E	* * * * * * * * * * * * * * * * * * *	A 43 30 9 9 A TT 4 43 30 9 9 A TT 4 43 30 9 9 A TT 4 10 9 3 A TT 4 10 9 3 A TT 4 10 9 3 A TT 4 10 8 A	* 43 39.00 * 178 * 43 14 12 15 15 14 15 15 15 15 15 15 15 15 15 15 15 15 15	# 43 44.0 * * * * * * * * * * * * * * * * * * *	# 43 20.5 * 1 C	# 4W 15.0 W # 1 C	* * * * * * * * * * * * * * * * * * *	4 * * * * * * * * * * * * * * * * * * *
TALCALITUDE * BE CONSTRUCT * C	* (E = 0) *	E	* * * * * * * * * * * * * * * * * * *	* 43 30.9 * FR * 43 30.9 * FR * 114 19.3 * IS * 245 *	* 43 39.0 * HR MODD RIVE* 114 28.9 * IS	# 43 44°0 * 1 1 4 24°0 * 1 2 24°0 * 1 2 24°0 * 1 2 24°0 * 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	# 43 20.5 * 1 C	* 44 15.4 * 1 C	* 43 28.2 * 1 116 4000 R* 114 3.0 * 18 * 116 *	4 * * * * * * * * * * * * * * * * * * *
TALCALITUDE * BE CONSTRUCT * C	* (E = 0) *	E	* * * * * * * * * * * * * * * * * * *	A 43 30 9 9 A TT 4 43 30 9 9 A TT 4 43 30 9 9 A TT 4 10 9 3 A TT 4 10 9 3 A TT 4 10 9 3 A TT 4 10 8 A	* 43 39.00 * 178 * 43 14 12 15 15 14 15 15 15 15 15 15 15 15 15 15 15 15 15	# 43 44.0 * * * * * * * * * * * * * * * * * * *	2	# 43 15.3 # 1 C alc wood RIVE* 114 21.4 # 0P CO # # 1600 # *	* 43 28.2 * 1 116 4000 R* 114 3.0 * 18 * 116 *	4 * * * * * * * * * * * * * * * * * * *
TALCALITUDE * BE CONSTRUCT * C	* (E = 0) *		* * * * * * * * * * * * * * * * * * *	* 43 30.9 * FR * 43 30.9 * FR * 114 19.3 * IS * 245 *	* 43 39.0 * HR MODD RIVE* 114 28.9 * IS	# 43 44.0 * 1 E ELG WIND RIVE* 114 24.0 * 19 R	# 43 20.5 # 1 C LITTLE WOOD R# 114 1.5 # 0P # 279 # 1	# 43 15.3 # 1 C alc wood RIVE* 114 21.4 # 0P CO # # 1600 # *	* 43 28.2 * 1 116 4000 R* 114 3.0 * 18 * 116 *	4 * * * * * * * * * * * * * * * * * * *
TALCALITUDE * BE CONSTRUCT * C	* (E = 0) *	PACKARA PACKAR	* 43 17.3 * H LITTLE MODD R* 113 56.9 * 18 * 18 * 18 * 18 * 18 * 18 * 18 * 1	* 43 30.9 * FR * 43 30.9 * FR * 114 19.3 * IS * 245 * *	* 43 39.0 * HR BIG WOOD RIVE* 114 28.9 * IS	# 43 44.0 * 1 E ELG WIND RIVE* 114 24.0 * 19 R	# 43 20.5 * 1 C * 43 20.5 * 1 C * 1	# 43 15,3 # 1 C # 43 15,3 # 1 C BIG WOOD RIVE# 114 21,4 # 0P 30D CANAL CO # # 1600 # #	* 43 28.2 * 1 116 4000 R* 114 3.0 * 18 * 116 *	4 * * * * * * * * * * * * * * * * * * *
TALCALITUDE * BE CONSTRUCT * C	* (N=Z O) * * (N=CS) *	SCHLORY FLATS SANASARANANANANANANANANANANANANANANANANA	* * * * * * * * * * * * * * * * * * *	* 43 30.9 * FR * 43 30.9 * FR * 114 19.3 * IS * 245 *	* 43 39.0 * HR MODD RIVE* 114 28.9 * IS	# 43 44.0 * 1 E ELG WIND RIVE* 114 24.0 * 19 R	# 43 20.5 # 1 C LITTLE WOOD R# 114 1.5 # 0P # 279 # 1	* 44 15.4 * 1 C	* * * * * * * * * * * * * * * * * * *	4 * * * * * * * * * * * * * * * * * * *
TALCALITUDE * BE CONSTRUCT * C	* (Yx*20) * * *	A WARNES AND THE STATE OF THE S	* CAREY * 117 16 WOOD R* 113 56,9 * 18 * 18 * 19 19 19 19 19 19 19 19 19 19 19 19 19	* HAILEY * 43 30.9 * HR * BLATNE BIG WOOD RIVE* 114 19.3 * IS * 245 *	* KETCHUM * 43 39.0 * HR * RLAINE BIG WOOD RIVE* 114 28.9 * IS * RLAINE BIG WOOD RIVE* 114 28.9 * IS	* LAKE CREEK # 43 44.0 * 1 * LAKE CREEK # BIG WOOD RIVE* 114 24.0 * 18 * R* * 21.2 * R*	* LITTLE WOOD * 13 20.5 * 1 C * BLAINE LITTLE WOOD R* 114 1.5 * 0P * DOI USBR * 279 * 1	* MAGTC * 43 15,3 * 1 C * 81G WOOD RIVE* 114 21.4 * 0P * 81G WOOD CANAL CO * * 1600 * * *	* UPPER LITTLE WOOD * 443 28.2 * H * BLAINE LITTLE HOOD R* 114 3.0 * IS * 116 *	4 * * * * * * * * * * * * * * * * * * *
TALCALITUDE * BE CONSTRUCT * C	ILE * (D. N. M.) * ATUS * (SO. M.) *	A WARNES AND THE STATE OF THE S	* CAREY * 117 16 WOOD R* 113 56,9 * 18 * 18 * 19 19 19 19 19 19 19 19 19 19 19 19 19	* HAILEY * 43 30.9 * HR * BLATNE BIG WOOD RIVE* 114 19.3 * IS * 245 *	* KETCHUM * 43 39.0 * HR * RLAINE BIG WOOD RIVE* 114 28.9 * IS * RLAINE BIG WOOD RIVE* 114 28.9 * IS	* LAKE CREEK # 43 44.0 * 1 * LAKE CREEK # BIG WOOD RIVE* 114 24.0 * 18 * R* * 21.2 * R*	* LITTLE WOOD * 13 20.5 * 1 C * BLAINE LITTLE WOOD R* 114 1.5 * 0P * DOI USBR * 279 * 1	* MAGTC * 43 15,3 * 1 C * 81G WOOD RIVE* 114 21.4 * 0P * 81G WOOD CANAL CO * * 1600 * * *	* UPPER LITTLE WOOD * 443 28.2 * H * BLAINE LITTLE HOOD R* 114 3.0 * IS * 116 *	4 * * * * * * * * * * * * * * * * * * *
NO * PRIMARY CO. INAME OF STREAM * LATITUDE * POED * PROME OF STREAM * LONGITUDE * DENE * * DENE * * OF *	TILE A (D. M. C.	TARRESPONDE TO THE TARRESPOND	* 43 17.3 * H LITTLE MODD R* 113 56.9 * 18 * 18 * 18 * 18 * 18 * 18 * 18 * 1	338 * HAILEY * 43 30.9 * HR 31 * BLATNE BIG WOOD RIVE* 114 19.3 * IS I * 245 * *	259 * KETCHUM	* * * * * * * * * * * * * * * * * * *	# 43 20.5 * 1 C * 43 20.5 * 1 C * 1	* 43 15,3 * 1 C * 43 15,3 * 1 C * 81G WOOD RIVE* 114 21,4 * 0P * 81G WOOD CANAL CO * * 1600 * * *	* * 43 26.2 * H 0043 * UPPER LITTLE WODD * 443 26.2 * H 0268 * BLAINE LITTLE WODD R* 114 3.0 * IS RC I * 116 * 1	* ARCHIE CREEK SOUTH FORK PAR 115 200 9 * * BOISE * 300 9 * * 15 200 9 * * * 500 9 * * * 500 9 * * * 500 9 * * * 500 9 * * 500 9 * * 500 9 * * 500 9 * * 500 9 * * 500 9 * * 500 9 * * 500 9 * * 500 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9

DATE 14 FEB BI NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,19 PAGE 127 OF TABLE 1

* ZHVXX * HF VX * OM V	*				****	****		****	***
**************************************	** ** **								
######################################	***								
5 - 5	*	****	****	****	****	****	****	****	* * * *
* U 3 * > O E	* * * * * * * * * * * * * * * * * * *	37.33.	467.14 99.944	2454°8 90°544	4891.2 56.369	218.97	413, 135, 138, 138, 138,	134.13	416.26
* < W * * * * * * * * * C > > * C O O	* * * * * * * * OMM	****	044 ****	*****	****	****	****	0 0 0 0	****
* • N N I I I I	* * * * * * * * * * * * * * * * * * * *	15086	2 2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2711	8677	M M -9-42 	m m m m m m	90 k	174
	* 00 * 00 * * * * *	200 200	011	0MW	* * * * * O D D N N	0.000	0.0.0	0.0.0	0 M M
4440	경 (P) (P) 경 (P) (P) 경 경 경 경 경 경 경 경 경 경 경 경 경 경 경 경 경 경 경	900	กัก	1727	636 636	ि धेर को को	647	VI VI 4 4	C (N) (N) (N) (N) (R) (R)
* * * * * * *	* * * * *	000	* * * * * 0 0 M	005	000	000	* * * * *	****	000
X E O E C E C E C E C E C E C E C E C E C	K O	11 M 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26.28	245 33000 214.7	460.0 142000 431.2	10	10	1198	986
	* * * * *	* * * * *	****	* * * * *	* * * * *	****	****	* * * * *	
A T C S C S C S C S C S C S C S C S C S C	* 0	1500.0	RU	300	470.	80.	4. 53	70.	40
**************************************	* 0	H 18 1500.	້	м м 00 м	1.0 470	0	Į(r)	. o. 7	* * * * * * * * * * * * * * * * * * *
* C. * C. * T. * * * * * * * * * * * * * * * * * *	在 在	10°0 * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * *	10 11 10 10	* * * * * * * * * * * * * * * * * * *	M. O. VI * * * * * * NI NI	0 L X X X X X X X X X X X X X X X X X X	****
* C. * C. * T. * * * * * * * * * * * * * * * * * *	在 在	7 4 5 1 5 4 7 1 5 4 7 1 5 4 7 1 5 4	7 * W W W W W W W W W W W W W W W W W W	* * * * * * * * * * * * * * * * * * *	7 20 00 00 00 00 00 00 00 00 00 00 00 00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1	10.9 T T T T T T T T T T T T T T T T T T T	****
**************************************		44 401 # T 110 4050 # 15	** 44 7°3 * 1 1	1000 1000 1000 1000 1000 1000 1000 100	7.00.00 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10°00 10°00	10.0 * 155.0 *
T * T C C C C C C C C C C C C C C C C C	# 4	* 44 44 45 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 444 7° 3 * 1 T C * 115 24° 0 * 1 S * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 *	* * * * * * * * * * * * * * * * * * *	7 4 4 7 5 5 4 T 5 5 4 T 5 5 5 5 5 5 5 5 5 5 5 5	* 444 40 90 * 11 * 115 57 52 * 10 41 * 10 80	** 444 7° 34 X I CR* 115 R4.0 X X I S CR X X X X X X X X X X X X X X X X X X	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7 4 44 10 0 0 x 4 44 10 0 0 x 4 110 10 10 0 x 4
T * T C C C C C C C C C C C C C C C C C	# 4	* 44 4.1 * TORK PA* 115 45.0 * IS	* 444 7° 3 * 1 T C * 115 24° 0 * 1 S * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 *	* * * * * * * * * * * * * * * * * * *	* 44 7.55 * F A* 115 20.0 * 15 * 251 * 470	* * 444	* * 44 7 3 * 1	# 444 50.9 # H	7 4 44 10 0 0 x 4 44 10 0 0 x 4 110 10 10 0 x 4
T * T C C C C C C C C C C C C C C C C C	######################################	* 44 44 45 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 44 7.5 * I I I I I I I I I I I I I I I I I I	* * * * * * * * * * * * * * * * * * *	7 4 4 7 5 5 4 T 5 5 4 T 5 5 5 5 5 5 5 5 5 5 5 5	* 444 40 90 * 11 * 115 57 52 * 10 41 * 10 80	** 444 7° 34 X I CR* 115 R4.0 X X I S CR X X X X X X X X X X X X X X X X X X	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7 4 44 10 0 0 x 4 44 10 0 0 x 4 110 10 10 0 x 4
T * T C C C C C C C C C C C C C C C C C	######################################	* 44 4.1 * T SOUTH FORK PA* 115 45.0 * 15 * 715 * 1	* 44 7.5 * I I I I I I I I I I I I I I I I I I	* 4 44 10° 4 * 1	* 44 7.55 * E * 44 7.55 * E * 50.07H FDRK PA* 115 20.0 * 15 * 251 * 470	* 44 49 * I CLEAR CREEK * 115 57.2 * 19 41 * 80	MILE CR* 115 24.0 * 15 MILE CR* 115 25 MI	# 444 50.9 # H	7 4 44 10 0 0 x 4 44 10 0 0 x 4 110 10 10 0 x 4
T * T C C C C C C C C C C C C C C C C C	######################################	* 44 4.1 * H * 44 4.1 * H * 115 45.0 * 15 * 715 * 1	* 44 7.5 * I I I I I I I I I I I I I I I I I I	CREEK SOUTH FORK PAR 115 150 4 1 10 4 4 1 10 10 4 4 1 10 10 10 10 10 10 10 10 10 10 10 10 1	CREEX * 44 7.5 * H * 44 7.5 * H * 44 7.5 * H * 470 * 251 * 470 * 251 * 470	* 44 49 * I CLEAR CREEK * 115 57.2 * 19 41 * 80	* 44 7.3 * 1 EIGHT MILE CR* 115 24.0 * 19 * 22 * 445	T 4 0.0 44 4 T T 4 0.00 0.00 0.00 0.00 0	7 4 44 10 0 0 x 4 44 10 0 0 x 4 110 10 10 0 x 4
T * T C C C C C C C C C C C C C C C C C	######################################	* 44 4.1 * H * 44 4.1 * H * 115 45.0 * 15 * 715 * 1	REDUT LAKE SPRING C* 115 24.0 * 18	CREEK SOUTH FORK PAR 115 150 4 1 10 4 4 1 10 10 4 4 1 10 10 10 10 10 10 10 10 10 10 10 10 1	CREEX * 44 7.5 * H * 44 7.5 * H * 470 * 251 * 470 * 251 * 470 * 251 * 470	CREEK * 444 49 4 H CREEK * 115 37 2 4 1 8 80	# 44 7.3 * H MILE CR* 115 24.0 * 15 A 22 * 45	T 4 0.0 44 4 T T 4 0.00 0.00 0.00 0.00 0	7 4 44 10 0 0 x 4 44 10 0 0 x 4 110 10 10 0 x 4
T * T C C C C C C C C C C C C C C C C C	STATEMENT OF THE STATEM	* 44 4.1 * T SOUTH FORK PA* 115 45.0 * 15 * 715 * 1	* 44 7.5 * I I I I I I I I I I I I I I I I I I	* 4 44 10° 4 * 1	# # # # # # # # # # # # # # # # # # #	* 44 49 * I CLEAR CREEK * 115 57.2 * 19 41 * 80	* 44 7.3 * 1 EIGHT MILE CR* 115 24.0 * 19 * 22 * 445	# 444 50.9 # H	7 4 44 10 0 0 x 4 44 10 0 0 x 4 110 10 10 0 x 4
T * T C C C C C C C C C C C C C C C C C	AND THE TANK OF THE PROPERTY O	* BIG PINE CREEK * 44 4.1 * H * BOISE SOUTH FORK PA* 115 45.0 * 15 * 715 * 1	* A44 7°3 * II * BULL TROUT LAKE * BOISE WARM SPRING C* 115 24°0 * IS * 14 * 35°	* A44 10.4 * H * A44 10.4 * H * BOISE SOUTH FORK PA* 115 15.0 * 10 * 160 * *	* CASNER CREEK * 44 7.5 * H * BOISE SOUTH FORK PAR 115 20.0 * IS * 251 * 470	* CLEAR CREEK * 444 4.9 * H * BOISE CLEAR CREEK * 115 37.2 * 1 80 * 41 * 41 * 41 * 41 *	* EIGHT MILE	* ELK LAKE * * 44 5.9 * H * BOISE SOUTH FORK PA* 1155 9.0 * 10 * 70	7 4 44 10 0 0 x 4 44 10 0 0 x 4 110 10 10 0 x 4
A PRIMARY CO. SHAME OF STREET STREETS	TANGET OF THE STANDARD OF THE	* 44 4.1 * H * 44 4.1 * H * 115 45.0 * 15 * 715 * 1	* * * * * * * * * * * * * * * * * * *	CREEK SOUTH FORK PAR 115 150 4 1 10 4 4 1 10 10 4 4 1 10 10 10 10 10 10 10 10 10 10 10 10 1	* 44 7.5 * H * 8015E SOUTH FORK PA* 115 20.0 * 15 * 251 * 470	CREEK * 444 49 4 H CREEK * 115 37 2 4 1 8 80	# 44 7.3 * H MILE CR* 115 24.0 * 15 A 22 * 45	T 4 0.0 44 4 T T 4 0.00 0.00 0.00 0.00 0	* FDGIIS * 444 10.0 * * 444 10.0 * * * 8018E CANYON CREEK * 115 15.0 * * * * * * * * * * * * * * * * * * *

DATE 14 FEB 81 NATIONAL HYDROFLECTRIC POWER STUDY TIME 22,29,19 PAGE 128 OF TABLE 1

#************** BCONOMIC BCO COMPOSITE BCO COMPOSITE CSEDIENCE RANK) # (SEGUENCE RANK) # (SEGUENCE RANK) #		****	* * * *	***	****	* * * * *	****	****	* * * * *
**************************************	**************************************	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	# # # # # # # # # #	\$ \$ \$ \$ \$	* * * * * * * * * * * * * * * * * * *	### ### ### #### #####################	*****	4037.1 * 15.779 * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
* Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	* * * * * * * * O & & & * * * * * * * *	**** OM M OM M M M M M	4 # # # # # # # # # # # # # # # # # # #	17227 * * * * * * * * * * * * * * * * * *	7040997 *******	# # # # # # # # # # # # # # # # # # #	15436 *
**************************************		* * * * * * O O O O O O O O M M O M O O	* * * * * O == == 	* * * * * 0 0 0 0 0 0 0	* 0 * 170971 * 79071	* * * * * 0 5 5 5 37 1 1 1 1 1 1 1 1	475613 # 475613 #	* * * * * O 20 KM B 10 M 20 TM 20 TM	# # 0 939986 # # 9939866
DAM IT RESERVED TO THE RESERVE	K	130°00 7000 110°00 10°0	0 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	***** 0000 0000 0000 0000 0000 0000	* * * * * * * * * * * * * * * * * * *	10.00 90.00 20.007.1	* * * * * * * * * * * * * * * * * * *	171 171 100 100 100 100 100 100 100 100	N * * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * *		17. T.	T * * * * * * * * * * * * * * * * * * *	11 13 13 15 15 15 15 15 15 15 15 15 15 15 15 15	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	######################################	* * IS * * * * * * * * * * * * * * * * *
LONG TARENCE CO M.	**************************************	116 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 45 17 9 * 116 39 9 * 22	* 43 50.4 * 116 15.6 * 2352	* 44 12.0 * 116 0.0 * 911	* 44 4.3 PA* 115 39.9 * 680
* £	**************************************	SOUTH FORK PA	IGHTNINGHAND	NORTH FORK BO	SOUTH FORK PA	GRANITE CREEK	PAVETTE RIVER	SCRIVER CREEK	
**************************************	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	GARDEN VALLEY RI BOISE	GOOSEBERRY CREEK Boise L	GRAHAM Botse	GRAND JEAN Boise	GRANITE CREEK BOTSE	HORSESHOE BEND BOISE	LOWER SCRIVER Boise	OXBOW BEND BOISE
* X X Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	**************************************	TOGNESOS * TOGOS S * TOGOS	* IDSNPWOO64 * IDUOS03 * * S DRC I *	TOGNEROOGN ** IDGNEROOGN ** I TOUGGE ** I DRC I **	* ID6NPW0058 * ID6NPW0058 * ID0U059 * ID00059	* IDUONO063 * 6 DRC I * *	TD6NPWOOS1 * TDUONS9 * * 6 DRC I * *	* IDTNPWDOSE * IDUO061 * E ORC E * E	* ID6NPW0056 * OXROW BEND SDUTH FORX * IDUO066 * BDISE SDUTH FORX * 2 DRC I *

DATE 14 FEB B1 NATIONAL HYDROELECTRIC PUWER STUDY 11ME 22,29,19 PAGE 129 OF TABLE 1

* O O O O O O O O O O O O O O O O O O O									" 在
*****	* * * * * *	****	* * * * *	****	****	****	****	37 00	* * * * * * * *
* FO CO	31.03 31.03 57.03 6.03 8.03 8.03		3321.1	8739.3 300.61	10912 330.31	1718.4 65.181	6777 • 2 45 • 430	3350.	14158
######################################		****	1088500 1 1088500 1	29071 29071 ***	** * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	149176		* 0100mmm * 0000mm * 0100mm * 4000mm *
* • • • • • • • • • • • • • • • • • • •		42600 0.2500	000000 M	0 7 7 0 7 0 7 0 7 0 7 0 7 0 7 0 0 0 0 0	17322	C O O O O O O O O O O O O O O O O O O O	26210	14084	2 C C C C C C C C C C C C C C C C C C C
*	K K * * * * K O O O	* * * * *	200	000	000	* * * * *	000	* * * * *	* * * * *
**************************************	14 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	90.0 1540000 31.3	195. 44000 181.9	် သေ့ နှာ ဝေဝမ	160.0 0 138.8	0.09	185.0	70.	176.0 234000 165.8
* 0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (* * * O * O * J L	100 100 100 100 100 100 100 100 100 100	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1.0801.	TC IS	10 10 10 10 10 10 10 10 10 10 10 10 10 1	IC IS I 1461 - 7 * * *	HC IS *1676*1*	H H H H H H H H H H H H H H H H H H H
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	110 W 00 W W W W W W W W W W W W W W W W	48 10.7 # 116 59.9 # #	1160 1160 1010 1010 1010 1010 1010 1010	20 00 00 00 00 00 00 00 00 00 00 00 00 0	116 NG 0 NG	48 20 11 116 554 13 14 14 15 554 13 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	48 15°4 * 116 51°4 * 790 * *	48 11.6 ** 116 53.8 **	4 43 36 1 3 4 111 30 0 3 4 4 1 1 1 1 30 0 0 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
* I	* * * * * * * * * * * * * * * * * * *	PEND OREILLE	RGE CLARK FORK WATER POWER C	NEW CUTLET CONTR. PRIEST R.	E SONT TO STAND	PRIEST RIVER	#####################################	PRIEST RIVER	ONAKE RIVERS
*	**************************************	ALBENI FALLS Bonner Daen NPS	CABTNET GOURD BONNER WASHINGTON	PRIEST LAKE BONNER	PRIEST LAKE Bonner	A CA FORENCE A CONTRACT	PRIEST NO.6 BONNER	PRIEGT PIVER	* IDGNPWOO69 * BURNS CREEK * IDWOO42 * BONNEVILLE SNAKE RIVER * Z DRC I *
**************************************	# 1040060 # # 1040060 # # 1000060 # # # 1000041 # # # # # # # # # # # # # # # # # # #	## HOINPSOOOS ## ## HOOUNP ## ## ## ## ## ## ## ## ## ## ## ## ##	* TDINPSOOO7 * * IDINPSOOO7 * * * * * * * * * * * * * * * * * *	TOUNDSOONS TOURNAMENT TOURNAMENT TO DAC S TO DAC	## 106NPGMO13 # 10USO113 # 10USO11 # #	* ID4NPS0005 * IDUX010 * SO DRC .65 *	* ID4NPS0004 * ID4S0004 *	# 104NPS0003 # 10UM008 # # 5 DRC 8 # #	* ID6NPW0069 * IDUO042 * P DRC I *

# # # # # # # # # # # # # # # # # # #	在在水水水水在在水水水水水水水水水水水水水水水水水水水水水水水水水水水水水	****	***	***	****	****	***	* * * * *	***
# + 00 00 00 00 00 00 00 00 00 00 00 00 0	# # # # # # # # # # # # # # # # # # #	625 14.66 34.8	415 622,45	12099	17444 178.44	626 157,73	806 608 406 406 408	44 40 40 40 40 40 40 40	M 19 W 19
**************************************		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	* * * * * \$-20 \$-20 \$-20 \$-20 \$-20 \$-20 \$-20 \$-20	264337 # 264337 # 264337 #	######################################	* * * * *	# # # # # C	101001001000000000000000000000000000000	420210 420210 420210
* * * * * * * * * * * * * * * * * * *	100017 4 4 100017 4 4 100017 4 4 100017 4 4 100017 4 4 100017 4 4 100017 4 4 100017 4 1000017 4 1000017 4 10000017 4 10000000000	# # # # # 0000 0000 0000 0000	4 4 4 4 4 4 0 9 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	114000 90000 204000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M.W. 1200 1200 1200 1200 1200 1200 1200 120	187230
# # # # # # # # # # # # # # # # # # #		24 44 00 N 00 0 00 0	***** 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	CH C	1402000 1402000 1408000 1408000	10°0 * 1243.7 *	10°0 10°0 10°0 10°0 10°0 10°0 10°0 10°0	100001 176.0 6.00 8 * * * *	4 * * * * * * * * * * * * * * * * * * *
									:
* * * * * * * * * * * * * * * * * * *		7 7 7 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	* * * * O O O O O O O O O O O O O O O O	1HCR # 000 # 66726.0#	* * * * * * * * * * * * * * * * * * *	T		# # # # # # # # # # # # # # # # # # #
** B. G		5200.0	8 65	6830.0	.	43 03 0 3 16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ຄ ຄ	88 8.5 8.5	6679
****** ****** ***** ***** **** ****	######################################	LLS * 43 25.2 * H KE RIVER * 112 5.9 * OP * 9760 * 5200.0	CREEK + 43 MO.O + I PINE CREEK + 11 22 20 + IS F 55 + 65	BEDS * 43 US.9 * I SNAKE RIVER * 111 M9.0 * IS * U745 * 6B30.0	* 43 19.9 * INCR * 43 19.9 * INCR POWER CO * 111 11.9 * 0P	# 43 23.0 * H # 43 23.0 * H PALISADE CREE* 111 15.0 * IS # 42 * 40	FINE CREEK # 111 100 0 # IL	* 43 10.0 CISR WILLOW CREEK * 110 39.9 * DP HILT BY DAEN NPW * 622 * 215.	# 4 0 0 0 # III # 4 0 0 1 # 11
A PRIMARY CO. 1 NAME OF CARACACACACACACACACACACACACACACACACACAC		21VER # 112 5.9 # UP	* * * * * * * * * * * * * * * * * * *	SNAKE RIVER * 111 3900 * 1080000	# 43 19.9 * INCR RIVER * 111 11.9 * OP # 5208 * *6726	7 43 23.0 7 1 1 CREE* 111 15.0 4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CAEEK * 111 100 W * II II I00 W *	17LLDW CREEK # 110 19.9 # OF BY DAEN NPW # 622 # 715.5	A 43 27 0 A HI RIVER A 111 23 2 A 18

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,20

2	# # #								
2 (3 C) 6. <i>4 fr</i>	保证在 化合金 化化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化								to be the
	# # # #								
	* * * * * * * * !	*****	****	****	****	****	***	***	4
(1000 6)	* * * * * * * * * * * * * * * * * * *	881.94 21.294	522.42 12.273	3472.7	9741.4	6701.8 40.102	20 20 20 20 20 20 20 20 20 20 20 20 20 2	14 0 0 14 14 14 14 14 14 14 14 14 14 14 14 14	1949
	# # # # # # # # 4	*****	****	****	****	****	***	***	***
MEXICAL SECTION OF THE SECTION OF TH		16000 44400 4400	** 4 Ri 4 Ki & 0 Ri Ri 0 A Ri 0 Ri	7420 74266 74366	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	167116	130559 130559	6000 6000 6000	94987 94987
		000	888	0.00	****	* * * * *	* * * * *	****	000
EXEC EXE EXE	18778	2400 10400 1000	0000 0000 0000	(1) (1)	16497	2762 2762 2762 2762 2762 2762 2762 2762	M W	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1015 1078 1078
***		000 000 000	4 4 4 4 4	****	****	000	000	000	000
TELES CONTRACTOR CONTR	# 0000 # 0000 # M M M	o o m	No. of	160.0 238.0	95.0	320,0	260.0	80.0 800 211.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
		*****	* * * 8	****	****	****	****	****	80 00 00 00 00
E E E E	* 10		8		<u> </u>	χ.	Ď.	~ ~	
# # # # # # # # # # # # # # # # # # #	* in the state of	100 16251	# 0 000 000 000	60 60 60 8 80 3. H	T T T T T T T T T T T T T T T T T T T	N 60 8	x H	το 6	10°0 # 10°0 I
******** ****************************	**************************************	10 70 6 8 8 8	16 ****	2 H	* * * * * * * * * * * * * * * * * * *	W & & & & & & & & & & & & & & & & & & &	© 8 X × × × ×	****	***
	**************************************	M W W W W W W W W W W W W W W W W W W W	760 W # # # # # # # # # # # # # # # # # #	46.6 * H 7.00.7 * 1.8	0000 H	40.04 HC 60.07 H HG 80.07 H HG 80	* * * * * * * * * * * * * * * * * * *	44.00 40.00 44.44 44.44	***
A PROPERTY OF STATE O	ACCEPTATE A SUN A CONTRACTOR A	8.1 8.0 8.0 T 6.0 UT 6.0 UT	* * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 4 40 41.0 6 * 11 * 116 0.0 * 10 * 12000 * * 144	4 48 49.9 A III 4 116 9.7 A IIG 700 A *80	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	***
LATITUDE * LONGITUDE CO N. H.	A CANAGA CA	* 443 33.1 * I * 112 33.0 * I * 9760 * e6257	4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 0 46° 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7. 40 41.0 * TO	4 48 49 9 4 HC 48 116 9 7 4 HS	* * 4 00 4 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ATVER # 116 10.4 # T	***
LATITUDE * LONGITUDE CO N. H.	A CANAGA CA	2 * * * * * * * * * * * * * * * * * * *	1	RIVER * 116 40.1 * IS	7. 40 41.0 * TO	A 48 49.9 A HC AIVER A 116 9.7 A 108 A 700 A *82	A 400 40 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ATVER # 116 10.4 # T	***
LATITUDE * LONGITUDE CO N. H.	A CANAGA CA	2 * * * * * * * * * * * * * * * * * * *	1	4 0 46° 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 4 40 41,6 4 T	# 48 49.9 # HC # HOYIE RIVER # 116 9.7 # 18	* 40 40 40 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# 48 44.0 # T # 48 44.0 # T # 116 10.4 # OP FERRY # 760 # 6	***
LATITUDE * LONGITUDE CO N. H.	ACCASACACACACACACACACACACACACACACACACAC	2 * * * * * * * * * * * * * * * * * * *	1	* 48 46.6 * II MOYIE RIVER * 116 9.1 * IS * 750 * *	# 40 41.6 # T KOOTTENAT N. # 116 0.0 # 100 # 100 # 100 # 100 # # 1160 # # 1400 # # 1400 # # # # # # # # # # # # # # # # # #	# 48 49.9 # HC # HOYIE RIVER # 116 9.7 # 18	14DN	LS DAN # 48 44.0 * T ADDINGRO FERRY * 116 10.4 * OP T ADDINGRO FERRY * 150 * *	***
LATITUDE * LONGITUDE CO N. H.	A STAN A	* 443 33.1 * I * 112 33.0 * I * 9760 * e6257	4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RIVER * 116 40.1 * IS	7. 40 41.0 * TO	A 48 49.9 A HC AIVER A 116 9.7 A 108 A 700 A *82	A 400 40 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 48 44.0 T T T T T T T T T T T T T T T T T T T	***
PRILIDE A LATITUDE A L	ARREST AR	* * UPPER IDAHD FALLS NO 2 * 43 33.1 * H * BONNEVILLE SNAKE RIVER * 112 3.0 * UP * CITY OF IDAHD FALLS * * 9750 * * 66257	8 * UPPER IDAHO FALLS NO 1	A 40 46.6 W I S S S S S S S S S S S S S S S S S S	* KATKA * * COTENAI R. * 116 8.0 * TOS * COTENAI R. * 116 8.0 * 144 * * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.0 * 145 8.	* MEADOW CREEK * 448 49.9 * HC * BOUNDARY MOVIE RIVER * 116 9.7 * 18 * 82.* * * 700 * * * 82.* * * * * * * * * * * * * * * * * * *	* ABOUNDARY MOVIE RIVER * 116 9.7 * IS	* MOVTE FALLS DAN * 48 44.0 * T * SOUNDARY MOVIE RIVER * 116 10.4 * DP * CITY OF BONNERS FERRY * 760 * *	***
PRILIDE A LATITUDE A L	ARREST AR	* * UPPER IDAHD FALLS NO 2 * 43 33.1 * H * BONNEVILLE SNAKE RIVER * 112 3.0 * UP * CITY OF IDAHD FALLS * * 9750 * * 66257	* UPPER IDAHO FALLS NO 1 * 443 29.0 * T * BONNEVILLE SNAKE RIVER * 112 2.5 * OP * CITY OF IDAHO FALLS * 9760 *	A 40 46.6 W I S S S S S S S S S S S S S S S S S S	* XATKA * 40 41.0 6 # II * 001JNDARY KODTENAIR. * 116 8.0 * 126 * 12000 * * 144	* HEADOW CREEK * 448 49.9 * HC * BOUNDARY MOVIE RIVER * 116 9.7 * 18	A MOVIE RIVER # 116 9.7 # IN TOVIE RIVER # 116 9.7 # IN TOVIE RIVER # 116 9.7 # IN TOVIE RIVER # 100 # 80	LS DAN # 48 44.0 * T ADDINGRO FERRY * 116 10.4 * OP T ADDINGRO FERRY * 150 * *	BARTLETT POINT # 44 2.3 # BUTTE BIG LOST RIVER 113 54.9 # 430 #

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,20 PAGE 132 OF TABLE 1

				****	# = = = =	~ ~ ~ ~ *			•
S CON X X X X X X X X X X X X X X X X X X X									在 计
TARENTE SERVICE SERVIC	k K								*
ALTERNATION OF THE STATE OF THE									*
* C Z O Z W D	k K								*
	k k k								# #
									*
****	****	****	***	* * * * *	***	* * * * *	****	****	* * * * *
* # B	E NI WI	6 C	40	9 F	m r	₩ [8]	.	~ 4	30 1
NER - 1	* • O	36.	ວິທ ເຄື່ອ	10.42 O * •	6 . 8 4 . 1	6 40 40 kV	7123 28.23	1936	694 44 15 115
* 18 0 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	100	ST IN	310 123 123	5056 5760	10 E	2 W W	- R	3 ↔	0 to 4
KAN CO	E E								*
X	* * * * *	****	****	****	****	****	4 * * * *	****	* * * * *
	K 44 F 0 10	4 4 0 0 0 0	06907	877 877	44	9.9	W M	-	* CO C * C C C C C C C C C C C C C C C C
	k K	9 9	44		N N	N M	N N N N N N		44 *
XXD									**
****		****	****	* * * * *		****	****	****	* * * * *
XXXC XXXC	C 80 80	4737	C) 60 60 (N) (N)	000	3.00 3.00 3.00	866 866	0 9 9	000	6807 8807 ******
F	א מעמע	44	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6.0	in m	4.4	20 St		20.00 *
##									*
X A C	K F								* *
	*	****	****	****	* * * * * *	****	****	****	* * * * *
19 C C	00.	0.00	000	0.0 -	000	909	000	60 8 60 8	000
FFFF	0 6	5 8	2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4000 8000 8000	100	400 000 000	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9008	4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
XX STORE (FT)	X (1)	~	- Tu Tu	M 40 40	•	. .	,es	ž	
**************************************	* * * * *	***	****	****	****	****	* * * * *	****	* * * * *
6 G	N.	in o	20.6	S.			0	0	0
# 13 13 6 EE CE 18	e ac				• •	in N	0	N.	in *
		_	4	ψ,			N.	• • •	*
A VE CO	K 00 K 00 K 00 K 11 H	π .	11 20 77	ı φ	x H	M C	18 10800	# G	α a
	× 05		4	ø)	# # # # #		* * * * *	• • •	*
******** **********	K OO K II HA K K II	****	* * * * * * * * * * * * * * * * * * *	90 I H 4 4 4 4 4	****	****	* * * * *	#### #####	*
	K OO K II HA K K II	0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	4 4 4 100 100 100 100 100 100 100 100 10	SON THE SERVICE OF TH	****	**** ****	* * * * *	**** **** ****	*
	K OO K II HA K K II	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	MS 4 4 130 4 1	M 4	46.04 ± 46.04	26.80 * 1R	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 33.7 * IR 16 9.9 * DP 2680 *	*
11		0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	43 35.9 * T 114 54.9 * T 324 * 4	T # # # # # # # # # # # # # # # # # # #	43 30.9 3 114 46.9 4 H	43 34.7 * 1R 116 44.5 * DP 2680 *	* * * * *	43 33.7 * IR 116 9.9 * DP 2680 *	*
		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	MS 4 4 130 4 1	* 4 M M O * T T T T M M M O * T T M M M O * T T T M M O * T T T M M O * T T T T T T T T T T T T T T T T T T	46.04 ± 46.04	26.80 * 1R	# # # # # # # # # # # # # # # # # # #	3 33.7 * IR 16 9.9 * DP 2680 *	M M M M M M M M M M M M M M M M M M M
	ON TO THE T	* * * * * * * * * * * * * * * * * * *	4 4 35.9 4 1 2 35.4 4 4 35.4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	2 4 3 3 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5	* 43 34°7 * IR 0* 116 44°5 * DP * 2680 *	# # # # # # # # # # # # # # # # # # #	* 43 33.7 * 18 0* 116 9.9 * 0P * 2680 *	######################################
	ON TO THE T	* * * * * * * * * * * * * * * * * * *	4 4 35.9 4 1 2 35.4 4 4 35.4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	2 4 3 3 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5	43 34.7 * 1R 116 44.5 * DP 2680 *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 43 33,7 * 18 * 116 9,9 * 0P * 2680 *	######################################
	ON TO THE T	* * * * * * * * * * * * * * * * * * *	4 4 W W W 9 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T 4 000 MCD 4 4	FURK 80* 114 46.9 * H	# 43 34°7 * 1R RIVER D* 116 44°5 * DP * 2680 *	T 4 M WO O T A T W WO O O T A T W O O O T A T W O O O T A T W O O O T A T W O O T A T A T A T A T A T A T A T A T A	# 43 33,7 # IR # 43 33,7 # IR RIVER D# 116 9.9 # DP # 2680 #	######################################
	ON TO THE T	* * * * * * * * * * * * * * * * * * *	4 4 W W W 9 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T 4 000 MCD 4 4	FURK 80* 114 46.9 * H	# 43 34°7 * 1R RIVER D* 116 44°5 * DP * 2680 *	T 4 M WO O T A T W WO O O T A T W O O O T A T W O O O T A T W O O O T A T W O O T A T A T A T A T A T A T A T A T A	* 43 33,7 * IR * 43 33,7 * IR OIGE RIVER D* 116 9,9 * OP * 2680 *	######################################
	ON TO THE T	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	4 4 35.9 4 1 2 35.4 4 4 35.4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	# 43 30.9 # # 43 30.9 # # 60.9 # # 60.9 # # 67 # # 67 # # 67 # # 67 # # 67 # # 67 # # 67 # # # 67 # # # #	# 43 34.7 # 1R # 43 34.7 # 1R # 2580 #	# # # # # # # # # # # # # # # # # # #	* 43 33,7 * IR * 43 33,7 * IR OIGE RIVER D* 116 9,9 * OP * 2680 *	######################################
	ON TO THE T	* * * * * * * * * * * * * * * * * * *	4 4 W W W 9 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T # O.PW WA #	# 43 30.9 # # 43 30.9 # # 60.9 # # 60.9 # # 67 # # 67 # # 67 # # 67 # # 67 # # 67 # # 67 # # # 67 # # # #	# 43 34.7 # 1R # 43 34.7 # 1R # 2680 # # 2680 #	T 4 M WO O T A T W WO O O T A T W O O O T A T W O O O T A T W O O O T A T W O O T A T A T A T A T A T A T A T A T A	# 43 33.7 # IR BOISE RIVER O# 116 9.9 # OP # 2680 #	######################################
	ON TO THE T	* * * * * * * * * * * * * * * * * * *	4 43 35.9 4 1 1 50.01 4 1 1 50.9 4 1 1 50.9 4 1 1 50.9 4 1 1 50.9 4 1 1 50.9 4 1 50.	COECT 4 43 M9°0.0 T 4 10 M9°0.0 T 4 10 M9°0.0 T 4 10 M9° A 114 CAPAN A 10 M9° A 4 M9°	# 43 30.9 # # 43 30.9 # # 60.9 # # 60.9 # # 67 # # 67 # # 67 # # 67 # # 67 # # 67 # # 67 # # # 67 # # # #	# 43 34.7 # 1R # 43 34.7 # 1R # 2680 # # 2680 #	T 4 M WO O T A T W WO O O T A T W O O O T A T W O O O T A T W O O O T A T W O O T A T A T A T A T A T A T A T A T A	# 43 33.7 # IR BOISE RIVER O# 116 9.9 # OP # 2680 #	######################################
	REFERENCE FOR THE PARTY OF THE	* * * * * * * * * * * * * * * * * * *	4 43 35.9 4 1 1 50.01 4 1 1 50.9 4 1 1 50.9 4 1 1 50.9 4 1 1 50.9 4 1 1 50.9 4 1 50.	COECT 4 43 M9°0.0 T 4 10 M9°0.0 T 4 10 M9°0.0 T 4 10 M9° A 114 CAPAN A 10 M9° A 4 M9°	MADKEY * 43 30.9 * T * 43 30.9 * T * 43 30.9 * T * 6.9 * T * 7 * T * T	0668 FLAT * 443 34.7 * 18 1 80186 RIVER 0* 116 44.5 * 0P 18R * 2680 *	SNAKE RIVER # 116 00.0 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 00 # 100 00 00 00 00 # 100 00 00 00 00 00 00 # 100 00 00 00 00 00 00 00 00 00 00 00 00	DEER FLAT # 43 33.7 * IR BOISE RIVER D* 116 9.9 * OP R R R R R R R R R R R R R R R R R R	######################################
	REFERENCE FOR THE PARTY OF THE	# 43 56.0 * T # 43 56.0 * T # 43 56.0 * T # 132 46.0 * T # 15.0 46.0 * T # 15.	4 43 35.9 4 1 1 50.01 4 1 1 50.9 4 1 1 50.9 4 1 1 50.9 4 1 1 50.9 4 1 1 50.9 4 1 50.	COECT 4 43 M9°0.0 T 4 10 M9°0.0 T 4 10 M9°0.0 T 4 10 M9° A 114 CAPAN A 10 M9° A 4 M9°	MADKEY * 43 30.9 * T * 43 30.9 * T * 43 30.9 * T * 6.9 * T * 7 * T * T	0668 FLAT * 443 34.7 * 18 1 80186 RIVER 0* 116 44.5 * 0P 18R * 2680 *	SNAKE RIVER # 116 00.0 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 00 # 100 00 00 00 00 # 100 00 00 00 00 00 00 # 100 00 00 00 00 00 00 00 00 00 00 00 00	DEER FLAT # 43 33.7 * IR BOISE RIVER D* 116 9.9 * OP R R R R R R R R R R R R R R R R R R	######################################
	REFERENCE FOR THE PARTY OF THE	# 43 56.0 * T # 43 56.0 * T # 43 56.0 * T # 132 46.0 * T # 15.0 46.0 * T # 15.	4 43 35.9 4 1 1 50.01 4 1 1 50.9 4 1 1 50.9 4 1 1 50.9 4 1 1 50.9 4 1 1 50.9 4 1 50.	COECT 4 10 00 00 11 4 00 00 00 11 4 00 00 00 11 4 00 00 11 4 00 00 11 4 00 00 11 4 00 00 00 00 00 00 00 00 00 00 00 00 0	MADKEY * 43 30.9 * T * 43 30.9 * T * 43 30.9 * T * 6.9 * T * 7 * T * T	0668 FLAT * 443 34.7 * 18 1 80186 RIVER 0* 116 44.5 * 0P 18R * 2680 *	SNAKE RIVER # 116 00.0 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 # 100 00 00 00 # 100 00 00 00 00 # 100 00 00 00 00 00 00 # 100 00 00 00 00 00 00 00 00 00 00 00 00	DEER FLAT # 43 33.7 * IR BOISE RIVER D* 116 9.9 * OP R R R R R R R R R R R R R R R R R R	######################################
	SERVER RESERVER RESER	* * * * * * * * * * * * * * * * * * *	4 4 W W W 9 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T # O.PW WA #	# 43 30.9 # # 43 30.9 # # 60.9 # # 60.9 # # 67 # # 67 # # 67 # # 67 # # 67 # # 67 # # 67 # # # 67 # # # #	EER FLAT	T 4 M WO O T A T W WO O O T A T W O O O T A T W O O O T A T W O O O T A T W O O T A T A T A T A T A T A T A T A T A	A 43 33.7 * IR * 43 33.7 * IR * 43 33.7 * IR * 60106 RIVER O* 116 9.9 * OP * 2680 * * * 2680 * * * * * * * * * * * * * * * * * * *	######################################
	SERVER RESERVER RESER	* RENO * 43 56.0 * H * BUTTE BIRCH CREEK * 112 46.0 * I * 1295 * * * * * * * * * * * * * * * * * * *	A BIG GMOKY SOUTH FORK BOA 114 54.9 A 134	A CAMASON CREEK A CAMASO CREEK A CAM	A LITTLE SMOKEV A 43 32-9 A T A CAMAS SOUTH FORK BOA 114 46-9 A T A 67 A A A A 67 A A A A A A A A A A A A	* 43 34.7 * IR * CANYON BOISE RIVER D* 116 44.5 * OP * DA DOI USBR * 2680 *	A AMARSING SNAKE RIVER & 116 00.9 B IS A CANYON SNAKE RIVER & 116 00.9 B IS A 4 1050 C & 1	* 43 33.7 * IR * CANYON BOISE RIVER O* 116 9.9 * OP * DOI USBR	######################################
	SERVER RESERVER RESER	* RENO * 43 56.0 * H * BUTTE BIRCH CREEK * 112 46.0 * I * 1295 * * * * * * * * * * * * * * * * * * *	A BIG GMOKY SOUTH FORK BOA 114 54.9 A 134	A CAMASON CREEK A CAMASO CREEK A CAM	A LITTLE SMOKEV A 43 32-9 A T A CAMAS SOUTH FORK BOA 114 46-9 A T A 67 A A A A 67 A A A A A A A A A A A A	* 43 34.7 * IR * CANYON BOISE RIVER D* 116 44.5 * OP * DA DOI USBR * 2680 *	A AMARSING SNAKE RIVER & 116 00.9 B IS A CANYON SNAKE RIVER & 116 00.9 B IS A 4 1050 C & 1	* 43 33.7 * IR * CANYON BOISE RIVER O* 116 9.9 * OP * DOI USBR	######################################
	SERVER RESERVER RESER	* RENO * 43 56.0 * H * BUTTE BIRCH CREEK * 112 46.0 * I * 1295 * * * * * * * * * * * * * * * * * * *	A BIG GMOKY SOUTH FORK BOA 114 54.9 A 134	A CAMASON CREEK A CAMASO CREEK A CAM	A LITTLE SMOKEV A 43 32-9 A T A CAMAS SOUTH FORK BOA 114 46-9 A T A 67 A A A A 67 A A A A A A A A A A A A	* 43 34.7 * IR * CANYON BOISE RIVER D* 116 44.5 * OP * DA DOI USBR * 2680 *	A AMARSING SNAKE RIVER & 116 00.9 B IS A CANYON SNAKE RIVER & 116 00.9 B IS A 4 1050 C & 1	* 43 33.7 * IR * CANYON BOISE RIVER O* 116 9.9 * OP * DOI USBR	######################################
	SERVER RESERVER RESER	# RENO # 43 56.0 # H # BUTTE BIRCH CREEK # 112 46.0 # I # 295 # # # 295 # #	A BIG GMOKY SOUTH FORK BOA 114 54.9 A 134	A CAMASON CREEK A CAMASO CREEK A CAM	A LITTLE SMOKEV A 43 32-9 A T A CAMAS SOUTH FORK BOA 114 46-9 A T A 67 A A A A 67 A A A A A A A A A A A A	* 43 34.7 * IR * CANYON BOISE RIVER D* 116 44.5 * OP * DA DOI USBR * 2680 *	A AMARSING SNAKE RIVER & 116 00.9 B IS A CANYON SNAKE RIVER & 116 00.9 B IS A 4 1050 C & 1	* 43 33.7 * IR * CANYON BOISE RIVER O* 116 9.9 * OP * DOI USBR	######################################
THE TO NO A PRIMARY CO. SAME OF STREAM ALONGITUDE THE CODE A CODE	SERVER REPRESENTE PROGRESS OF THE CONTRACT OF	# 43 56.0 * T # 43 56.0 * T # 43 56.0 * T # 132 46.0 * T # 15.0 46.0 * T # 15.	285 % BIG SMOXY	A CAMAS SOUTH FORK BOR 114 S4. S4. S4. S4. S4. S4. S4. S4. S4. S4	A LITTE SANKEY A LITTE SANKEY SOUTH FORK BOX 114 46.9 4 M M & CAMAS SOUTH FORK BOX 114 46.9 4 M M & A	X LOWER DEEP FLAT	A MANSING SNAKE RIVER & 400 MO.1 & I MO	DENPWOO92 * MIDDLE DEER FLAT * 43 33.7 * IR IDOO277 * CANYON BOISE RIVER O* 116 9.9 * OP ORC D * DOI USBR * 2680 *	本 UPPER DEER FLAT 443 33.55 ま CANYON BOIOE RIVER O* 116 38.9 ひ * DOI USBR 2 * 2560

DATE 14 FEB 81 NATIONAL MYDROELECTRIC POWER STUDY TIME 22,29,20

* 6 2 2 2 3 3 3 3 3 3 3	***************************************	***	****	****	****	***	* * * *	****	
* * * * * * * * * * * * * * * * * * *	* * * * *	*****	****	****	****	****	****	****	•
**************************************		***************************************	154.13 37.6.13 37.6.13	0 10 10 10 10 10 10 10 10 10 10 10 10 10	3783°4 76.167	0.00 0.00 0.00	36. 36.	0000 0000 00000 00000	9741.6
* * * * * * * * * * * * * * * * * * *		#### OUIN #####	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	10 10 10 10 10 10 10 10 10 10 10 10 10 1	# # # # 60000000000000000000000000000000	# # # # # # # # # # # # # # # # # # #
A A A A A A A A A A A A A A A A A A A		10 10 10 10 10 10 10 10 10 10 10 10 10 1	0 9 9 MM 60 60 11 41	C 40 40 C 00 O 0	10.99 10.998 10.998	44 44 44 68 68 68	12 22 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 6 6 W W W W W W W W W W W W W W W W W	400000 560000 1060000
	*****	****	* * * *	****	*****	004 ****	004	****	* * * * *
A	# COOOUT	5000 1432000 98.9	44 W W W W W W W W W W W W W W W W W W	115 1215 499 5	244 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 A B	10. 10. 10.	10. 399.	
x x x x x x x x x x x x x x x x x x x	# # # # # # # # # # # # # # # # # # #	2 H H H H H H H H H H H H H H H H H H H	H C C C C C C C C C C C C C C C C C C C	S * * * * *	10001 10000 4 * * * *	IN SI	Z H SN C - 60 C	2H 20 00 00 00 00 00 00 00 00 00 00 00 00	HCRN R W
****	, # * * * * * * * ••. * ••.	* * * * * * •	* * * * * ©	* * * * *	****	****	VI # 4	****	****
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	42 36.9 111 41.	42 11 8 11 8 11 8 4 4 4 4 4 4 4 4 4 4 4 4	44 15.0 112 28.0 250	46 29.8 116 17.7 5590	46 48.9 115 28.	115 53.2 115 53.2 23.2	46 59.0 115 39.9	* 46 30.9 CL* 116 17.4
4	* * * * * * * >	****	****	* * * * *	****	****	0. 0. X. * * * * *	X * * * *	* * * * * *
TO NO # PRIMARY CONTRACTOR SANDARY CONTRACTOR SANDARY CONTRACTOR SANDARY CONTRACTOR SANDARY CONTRACTOR SANDARY CONTRACTOR	######################################	BEAR RIVER	GOOSE CREEK	MEDICINE LOC	CLEARWATER P	SKIILL AND GE	N PO	LITTLE N FO	* IDINPWO3D4 * DWDRSHAK * IDOO287 * CLEARWATER NORTH FORK (
**************************************	* * * * * * * * * * * * * * * * * * *		CANAL CO	LODGE				BUZZARDS ROOST CLEARWATER	χ⊢3 (α
# CC # EC # EC # EC	* * * * * * * * * * * * * * * * * * *	LAVA RESERVOIR CARTBOU	CASSIE CASSIE CASSIE CAKLEY C	MEDICINE	ALSAHKA CLEAREATER	A BALD KNOS A CLEAR A A TER	BOEHLS BUTTE CLEARWATER	BUZZARI	* * * COECTE OF

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,20 PABLE 1

SOUTH STANFORM STANFO	**************************************		****	****		****	****	****	***
######################################	* * * * * * * * * * * * * * * * * * *		56 56 50 50 50 50 50 50 50 50 50 50 50 50 50	10 c 4 c 5 c 5 c 6 c 6 c 6 c 7 c 7 c 8	19764 23.168	100 ° 00 ° 00 ° 00 ° 00 ° 00 ° 00 ° 00	1701 1401 146 144	674°46 37°579	13601
* Z E E	* * * * * * * * * * * * * * * * * * *		120944 00944 00944 00944	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #		0.0.40	17947	796637 796837
***	E C IN	4600 4600 44	50 40 80 40 40 40 40 40 40 40 40 40	0 440 M	0 4 4 6 7 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	4071	C et et		570119 570119 570119
######################################			40000 64000 40000 4444	0.000 0.000 0.000 0.000 0.000	1.000 00 00 00 00 00 00 00 00 00 00 00 00	2010 2010 2000 2000 2000 2000 2000 2000	1000 1000 1000 1000 1000 1000 1000 100	* * * * * O M O D O D E O D	20 4 20 4 20 0 4 20 0 4 20 0 8
							* * * * *	* * * *	
* C C C C C C C C C C C C C C C C C C C	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T. H. S. C.	T	1 H 0 0 0 P	# # # # # # # # # # # # # # # # # # #	139 139 130 130 130 130 130 130 130 130 130 130	NH N	T	T. 13
######################################	# # # # # # # # # # # # # # # # # # #	26 555.0 * T	46 43 2 # H. 115 16 8 # H. 360 # 18	σ.	0 0686 8	800.0	40 28.2 * H 116 15.0 * IS 5375 * 9700.0	46 37°3 * H 115 30°0 * 18 63 * 150°0	46 47 W * H 115 27 7 4 10
**************************************	# 4	6 556.0 * T	2 4 4 1 1 3 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 46 43.0 * H KELLY CREEK * 115 5.0 * IS * 316 * *	20.1 * H 6 7.9 * 13 4944 * 9890.0	6 34.9 # H 14 35.9 # IS 80 # 200.0	12	6 W7 W H H H W W W W W W W W W W W W W W	0 4 46 47 8 4 1 0 0 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
**************************************	# # # # # # # # # # # # # # # # # # #	T * 0.00.00 4 4 7 4 0.00.00 1 4 4 0.00 1 4 4 0.00 1 4 4 0.00 1 4 4 0.00 1 4 4 0.00 1 4 4 0.00 1 4 4 0.00 1 4 0.	# 46 43,0 # T. CLEARWATER# 115 16 8 # TS 360 # T	CREEK 4 15 50 4 15 50 5 10 5 10 5 10 5 10 5 1	# 46 20.1 * H RI# 116 7.9 * IS * 4944 * 9890.0	# 46 34.9 # T RK # 114 35.9 # T R # 114 35.9 # T R # 80 # 200.00	# 40 2862 # H RI* 116 1960 # IS # 8375 # 9700.0	2 46 W7-W & T CRE* 115 W0.0 & 10 6 W & 150.0	# 46 47 W # I

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,21 PAGE 135 OF TABLE 1

* * * * * * * * * * * * * * * * * * *		****	****	* * * * *	****	*****	*****	****	* * * * * *

	***	****	****	****	****	****	****	****	****
TATA STATEMENT OF THE S	1 3 0 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1	12661 24;413	7869 50 50 50 50 50 50 50 50 50 50 50 50 50	3898.1 72.672	15186	4325°0 191.16	2900.0 188.11	4106.4 1406.0	0 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
**************************************		11 10 10 10 10 10 10 10 10 10 10 10 10 1	* * * * * * * * * * * * * * * * * * *	TERRE	4 4 4 4 0 00 00 M M M M M M M M M M M M M M M M	04 UN	11 12 12 12 12 12 12 12 12 12 12 12 12 1	* * * * * O O O N NI N NI	# # # # # # # # # # # # # # # # # # #
* 4 4 Q	* * * * * * * * * * * * * * * * * * *	24 20 20 20 20 20 20 20 20 20 20 20 20 20	* * OTT A PT A PT	S S S S S S S S S S S S S S S S S S S		10 10 10 10 10 10 10 10 10 10 10 10 10 1	* * * * * On M Mm O O	*****	# # # # # # # # # # # # # # # # # # #
	****	001	* * * * *	****	*****	****	4444	000	****
K	11.00 11.00 11.00 10.00	4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0004W 0004W 0000W	11000 11000 11000	3350000 350000 319.6	310.0 400000 286.7	240.0	2540°0 2740°0 399°6	N W W W W W W W W W W W W W W W W W W W
* * * * * * * * * * * * * * * * * * *	* * * O O O O O O O O O O O O O O O O O	* # * O * O \$0	8 * * * C * C * C * C * C * C * C * C *	** * * * *	00 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # O IN	* * * * * * * * * * * * * * * * * * *	T T T T T T T T T T T T T T T T T T T	H H M450.000
* C C C C C C C C C C C C C C C C C C C	* I H * *	* * * * * *	****		IH	****	****	IH	TH :
# # # # # # # # # # # # # # # # # # #		46 38.0 115 26.4	44 46.5 114 52.7 1110	44 15.5 114 19.3 951	44 24 0 114 15 0 1800	115 27 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	44 19.5 114 43.0	43 54.0 114 3.0	44 24 24 0 114 15 3 1625
	* * * * *	****	****	* * * * * 0: u.	* * * * * Cr Ui	* * * * * 	* * * * *	* * * * * 5 10	* * * * * * * * * * * * * * * * * * *
* W * CC * F	* X * X * X	л Э. Э.	0 0	R I VE	R X	9.0 P	F.	8 8 8	RIV
* L * U * X * X U * X U * X U	* 1-20	T E C C Z	MIDDLE	SALMON	SALHON	HIDDLE	Y ANKE	EN €.	SALMON
**************************************	**************************************	WEITAS CLEARWATER	BACON. CUSTER	BADGER CREEK CUSTER	BAVHORSE CUSTER	BEAR VALLEY CUSTER	BONANZA	CASTLE CREEK CUSTER	* TD6NPW0126 * CHALLIS * IDUO123 * CUSTER SALMON RIVER * * DRC S *
**************************************	# # 1000 01 # # # # 1000 0 # # # # # # #	* ID6NPW0106 * ID00197 * ID00197 * * 3 DRC I * *	* IDENPRO123 * IDEN0113 * * 6 DRC I * *	* ID6NPW0117 * IDU0094 * * 5 DRC I * *	A TOGNACING A A TOGOGO OR A A TOGOGO OR A A A TOGOGO OR A A A TOGOGO OR A TOGOGO OR A A TOGOGO OR A	** IDD6NPW0124 ** IDD0114 ** S DRC I **	* TO4NPW01345 * TOUCNPUNC * * TOUCNPUNC * * * * * * * * * * * * * * * * * * *	* ID7NPW0132 * IDU0271 * 5 DRC I *	* TD6NPW0126 * IDUO123 * 6 DRC 8

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,21 PAGE 136 OF TABLE 1

THE CANDING A KANN CHICAN CAND CAND CAND CAND CAND CAND CAND C	* * * * * * * * * * * * * * * * * * *	* * * * * *	****					****	* * * * * * * * * * * * * * * * * * *
**************************************	**************************************	* * * * * *	****	****	. * * * * *	*****	****	****	* * * * * * * * * * * * * * * * * * *
**************************************	1731 • 3 1731 • 3 692 • 41	4198.0 64.326	34.697	10358	4281.8 724.14	760.94 183.86	424 45 41 41	1214.9 198.43	7015.6 40.870
* * Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z			2	11947 11947 11947 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 ni ni	2 2 0 20 30 0 44 4 4 4	0 00 0 00 0 00 0 00 00	6 6 11 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17160000 171600000 1716000000 17160000000000
*	1007 # # 1007			16010	* * * * * O ru ru ru ru ru ru ru ru ru ru ru ru	* * * * * 0 7 7 7 0 1 0 1		3117 3117 3117 3117 3117 3117	
* * * * * * * * * * * * * * * * * * *	X	# # # # # 00 00 00 00 00 00 00 00 00 00	# # # # # # # # # # # # # # # # # # #	M W W W W W W W W W W W W W W W W W W W	420°00°0 317000°0 4 4 4 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 00 00 00 00 00 00 00 00 00 00 00 00 0		20 00 00 00 00 00 00 00 00 00 00 00 00 0	本
A A T L L R R R R R R R R R R R R R R R R R		I SI 1460.034 #	13 13 1200-00-1	. * * * * * 	* * * * * * * * * * * * * * * * * * *	##### 10 97 97	* * * * * * * * * * * * * * * * * * *	1 H 00 21 0 00 00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #
LOATHUDE X X X X X X X X X X X X X X X X X X X	* M * M * M * M * M * M * M * M * M * M	114 126.6 114 138.4 18005	44 15.9 * 114 26.9 * 1145	44 13 13 13 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	44 23.0 # 114 37.9 # 60 #	44 33.87 # 114 50.7 # 310 # 4 310 # 4 310 # 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 0 MM 0 ## 11 ## 4 # 4 # 4 # 4 # 4 # 4 # 4 # 4	44 47 9 4 114 48 0 4 4 320 4 4 320 4 4 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3	* * * * *
* * *	A A A A A A A A A A A A A A A A A A A	ATING SALMON BIVED A * * *	* * * * * * * * * * * * * * * * * * * *	**************************************	ANKER FORK OA		**************************************	*** **********************************	MIDDLE FORK SA
######################################	CLAILING CAREX CLAILING CA	CHALLIS REREGULATING CUSTER SALMO	CL AVTON CUSTER	DEADMAN	ETGHT MILE CUSTER	FALCONBERRY CUSTER	FIVE MILE CUSTER	FRANKLIN CUSTER	* 44 34.5 * DGNPWO116 * FULLER RANCH * 444 34.5 * TDUOO88 * CUSTER * MIDDLE FORK S* 115 18.9 * 6 DRC * 155 18.9
*	K K * * * * 3 K	TD6NPW0119 * TD00108 * * 6 DRC S * *	TOGNPWOISO * IDUOIOS * DRC I *	TDONNWOLDZ * TDUO109 * S DRC I *	# ID6NPW0137 # IDU0293 # 5	IDSNPW0131 * IDUSNPW0131 * IDUSNSS * * S DRC I * *	A TOUNDEROLING A TOUND OLD OLD OLD OLD OLD OLD OLD OLD OLD OL	TOURNDEDT TO THE TOURNDEST TOURNOUS TO THE TOURNS TO THE TOURNS TO THE TOURNS TO THE TOURNS TOURNS TO THE TOURNS TOURNS TO THE TOURNS TOURNS TO THE TOURNS TO	# HD6NPW0116 # HD00088 # HD00088 # # 6 DRC I # # # # # # # # # # # # # # # # # #

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,21 PAGE 137 OF TABLE 1

± ∩	在基础的,是是是是是是是是是是是是是是是是是是是是是是是是是是是是是的。	化化苯基苯基苯基苯基苯基苯基苯基苯基苯基 医医皮肤		**********	* *	***********	* * * * * * * * C A P •	**************************************	* 000	* * *
CTV DEP COT COE	PRIMARY CO.	ANTE OF STREAM	# L DR	***	,	* * * * * * * * * * * * * * * * * * *		*INC. ENERGY*ENERGY *IOT. ENERGY* (**) * (1000 ** (**) * (6/3	S SI	I -
# 1000000000000000000000000000000000000	AAROEN CREEK BIG LOST RI	* W		* T H	D #	######################################	**************************************	* 197	11076	*
* 10 080 11 *			430		280.085	× 7.962	23107	# # # # # # # # # # # # # # # # # # #		* * *
TD4NPW0129 * TD00141 * T DRC I *	HOLMAN CREEK CUSTER	SALMON RIVER	44 16.1 4 114 19.2 4 1000	***	1200*0*	2000	19732	# 0 C 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	3553.6 79. 13	***
TOSNPEDISC TOUCKSONS TOUCKSONS S ORC H	LITTLE WICKIUP CUSTER	EAST FORK SAL	114 114 114 110 100 100 100 100 100 100	* * * * *	100 00 00 00 00 00 00 00 00 00 00 00 00	# 0 ° 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 *	2.4 0.45	10400	567 # 42 540 # 60	****
## IDCNP#0139 ## ID00181 ##	MACKAY CUSTER BIG LOST RIV	BIG LOST RIVE	11 4 40 % % 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00 QL	* * * * * * * * * * * * * * * * * * *	1000 1000 1000 1000 1000 1000 1000 100	1700	**** 000 000 000 000	161.79	****
I DENDING A * * * * * * * * * * * * * * * * * *	PUNGO CUSTER	MIDDLE FORK S	44 45.5 115 38.0	z∺ *****	******	4000 WW7000 W76 W76 W76	313974	36690 3690 3690 3690 3690 3690 3690 3690	10052 27.241	*****
TD6NPW0121 ** IDUO104 ** IDUO104 **	ROBINGON BAR CUSTER	SALMON RIVER	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	IH****	* * * * * * * O O O O O	36.5 300008 33.0 33.0 33.0	78241 78241	20 20 20 20 20 20 20 20 20 20 20 20 20 2	6000.7 70.973	* * * * * *
TOPENING A STOCK I STO	S S S S S S S S S S S S S S S S S S S	SALMON RIVER	* * * * * * * * * * * * * * * * * * *		70.00	367.0 1560000 333.8	9 6 1014 0 11 11	6477 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11958 137.13	* * * * *
* IDANPHO160 * IDUO262 * 5 DRC I *	* ALEXANDER FLATS * ELMORE	TS MIDDLE FORK B	** 43 46.3 ** 115 32.3 ** 356	****	* * * * * * * * * * * * * * * * * * *	110000	2288 2288 2388 2488 2488 2488 2488 2488	W W 24 4 25 5 0 10 10 1 4 4 4 4 4	61 61 61 61 61 61 61 61 61 61 61 61 61 6	* * * * *
IDINPWO166	A ANDERSON RANCH RELMORE R DOIL USBR	* 43 21.5 * IDINPWO166 * ANDERSON RANCH * 43 21.5 * ID00279 * FLMORE SOUTH FORK BO* 115 26.7 * 2 OFC 1 * DOI USBR	* 4 4 3 21 5 5 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*	HICK 4 4550 DP 4 500000 DP 6 5000000	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.000 4.3000 4.3000 7.0000 7.0000	149000 # 170100 # 170	1780s4 658700 78700	***************************************

RESERVED A PROCESS OF A PROCESS	***************************************		****	****	****	****	****	****	
**************************************	K	181,85 41,116	0 69° 285	202 202 203 204 204 204	3586.0 92.120	929° 43° 89°	8970.0 64.167	8360.2 81.534	4394.8 61.767
**************************************	4 4 00 00 00 00 00 00 00 00 00 00 00 00	44 0000 0000 0000	000	1000 1000 1000 1000 1000 1000 1000 100	40001 40001 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	106674	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	本 C C C C C C C C C C C C C C C C C C C
* * 0333 *004000 *446		+ 000 CA 800 CA			* * * * * * O O O O O O O O O O O O O O	11 12 14 10 10 10 10 10 10 10 10 10 10 10 10 10	* * * * * C		* COCON * COCO
****	****	****	****	****	****	****	****	****	* * * * *
X X X X X X X X X X X X X X X X X X X	30100 30100 30100	9. 3. 0.0.	10.0 90 399.6	230°0 7600 449°5	4000 4000 6000 8	10.0 90.4 14.5	300.0 270000 274.7	1186 1186 96 8	170°0 34000 144°8
* 24 A A A A A A A A A A A A A A A A A A		300 300 300 300 300	T 300°00	2H 20 00 00 00 00 00 00 00 00 00 00 00 00	2H 20 20 20 20 20 20 20 20 20 20 20 20 20	11 so 1 list of 1 1 lis	2 H 20 H 20 H 20 H 20 H 20 H 20 H 20 H 2	11 00 11 00 00 11 00 00 11 00 00 11 00 00	X
***	* * * * * *	****	* * * * *	****	****	* * * * *	* * * * *	****	* * * * *
*	43 35.7 43 35.7 115 55.8	43 48.5 115 6.0 40	43 48.3 115 15.4 180	43 45.9 115 37.0	43 36.7 115 9.3	43 53.0 115 30.0	43 31.3 115 18.3 627	43 29.0 115 18.0 627	43 36 113 113 126 5
* 2	* * * * * * *		× * * * *	* * * * * O	20		* * * * * D : D :	CO CO	8 * * * * *
* E * C		7 3	FOR	TH FORK	TH FORK	TH FORK	TH FORK	TH FORK	
* X X Q Y X X Y X X X X X X X X X X X X X	K ESTOR	HIDDLE	MIDDLE	HEADN	SOUTH	NORTH	3 0µTH	SOUTH	006
**************************************	ARAMANANANANANANANANANANANANANANANANANAN	ATLANTA ELMARE ATLANTA POWER	BALD MOUNTAIN ELMORE	BARBER FLATS ELMORE	BASCUM FLATS ELMORE	BIG DWL ELMORE	CASEY RANCH ELMORE	CASEY TO ANDERSON	ID6NPM0155 * FEATHERVILLE IDU0077 * ELMRRE 5 DRC I *
* FF C	* IDCNDE0157 * IDCNDE0157 * * IDCNDE0157 * * IDCNDE0157 * * IDCNDE0157 * * IDCNDE0157 * I	* IDYNPWO147 * IDUOO31 * * 2 DRA I * *	* IDSNPMO1468 * IDUGOSS * * SO DRC I * * * SO DRC I * * * * * * * * * * * * * * * * * *	ID7NPW0143 x IDU0017 x	* ID6NPwo156 * IDUO078 * 5 DRC I *	TOSNPHOISE * IDUSNPHOISE * IDUSOUS * * IS ORC I * *	** IDGNPWO154 ** IDU0076 ** S DRC I **	* IDGNPWO146 * IDUCO2C * S DRC I *	* ID6NPW0155 * IDUO077 * S DRC I

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,21

# # # # # # # # # # # # # # # # # # #			****	****	****	****	****	****	****
CONTRACTOR SANCE COUNTRACTOR COUNTRACTOR	抗酸酸氢化物物物 化水杨酸								
******	***	****	****	****	****	***	****	****	***
C	E M M E M M E M M E M M E M M E M M E M M	1. 141. 1. 186.	3168.9 244.6	M12 404 404 404	NU N	726.74	10212 23.464	なる。ない。	366.86
		20 20 20 20 20 20 20 20 20 20 20 20 20 2		44 000 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			A T T T T T T T T T T T T T T T T T T T	0000 0000 0000 0000 0000 0000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
		* # # # # O T T M O T M O T N N		2 4 4 4 4 0 0 0 0 0 0 0	EFEE OMB BB BB OND OND OND	4 # # # # # # # # # # # # # # # # # # #	# # # # # O M M 000 000 000 000	2000 2000 2000 2000 2000 2000 2000	80 St 40 St
		→ N → N → N → N → N → N → N → N	MN N M		N W W W W W W W W W W W W W W W W W W W	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	444 0.00 444 0.00 444	M150 160000 1991 1991 1991 1991 1991 1991 1	10.01
	**************************************	10 1020 1020 1020	II 00 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	## # # # # ## # # # # #	110 120000 120000	11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NI NO CORP.	110801110804	0°0 0 4 4 0°0 0 0 0 0 0 0 0 0 0 0 0 0 0
**			****	****	****	* * * * *	* * * * *	****	****
	40 57 0 115 36 7 37065	43 21.1 115 32.2 1001	43 45.9 115 30.0	43 25.2 115 16.0 120	43 32.7 115 43.0 1174	43 50.9 115 31.9	42 37.4 115 10.2 35800	43 28.6 115 39.5 1090	43 25.4 115 22.4
* * * * * * *			****		* * * * * O O	****	****	****	****
# 60 # 07 # 173 # 173	* * * * * * * * * * * * * * * * * * * *	# 80 X	A A A	(A) (A) (A)	г С Х	FORK	RIVER	97 57 73	CREEK
	4		24	ပ					ບ
* * * * * * * * * * * * * * * * * * *	* W * X * Z * Z * Z	SOUTH	MIDDLE FORK	LIME	SOUTH FORK	T L W	# X X X X X X X X X X X X X X X X X X X	80UTH	FALLC
######################################	######################################		KING Elmare Middle		LONG GULCH ELMARE			RASPBERRY ELMORE SOUTH	* IDSNPWO158 * SANWILL FALL CREEK * IDUO257 * ELMORE FALL CREEK * 5 DRC I *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,22 PAGE 140 OF TABLE 1

AND CONTRACT	TANDUMOT NAME OF STREAM OF STREAM OF STREAM	****	CO ARA CO	****	AVECTES STORY	# # # # # # # # # # # # # # # # # # #		# (1000 # (100	8 6 6 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A CORDURNOR NANCO A CORDURNOR NANCO NO NANCO NAN
**************************************	**************************************	* * * * *	**************************************	* * * * * *	**************************************	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	**************************************	**************************************	***
TRAIL CREEK Elmore	NORTH FORK	*****	43 53.0 115 24.9	****	EM 80 11 10 10 10 10 10 10 10 10 10 10 10 10	10 10 10 10 10 10 10 10 10 10 10 10 10 1	O 00 00 PT	* * * * * O MM O O O O O O O O O O O O O	60 6	****
THIN SPRINGS Elmore	NGS MIDDLE FORK	* * * * *	43 41.2 115 40.2 830	****	E SI 340°0 0 *	4000 4000 4000 0004	1448 1448 1448 1448 1448 1448 1448 1448	######################################	10151	****
YUBA DAM ELMARE	AND RESERVOIR MIDDLE FORK	****	43 48.3 115 11.9	* * * * *		M. 4. 4. 000 4.	O RI RI O O IN IN	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00 da	****
TOOLER TO	FOSTER RESERVOIR FRANKLIN CUB RIV AND PRESTON-WHITNEY IRR CO.	* * * * *	42 7.5 111 50.5	****	H	NWW NWW ONO	0 10 10	* * * * * * * * * * * * * * * * * * *	15 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****
	GLENDALE RESERVOID FRANKLIN MORM CREEK PRESTON-MHITNEY IRRIG CO	****	42 7.6 111 48.5	****	# # # # # # # # # # # # # # # # # # #	47.0 6000 68.9		*****	50 110 60 60 60 60 60	****
LAMONT RESERVOID FRANKLIN PRESTONSEMINEY	LAMONT RESERVOIR FRANKLIN WORM CREEK PRESTON=*HITNEY IRR CO	****	42 6.3 111 48.6	****	10 00 00 00 00 00 00 00 00 00 00 00 00 0	7 N 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	044 044	6627.8	30.00 40.00 40.00	****
MAPI ETON	RESERVOIR CUS RIVER	****	42 3.3 111 46.8	****	# # # # # # # # # # # # # # # # # # #	11.0 12.0 12.4 13.4		* * * * * * * * * * * * * * * * * * *	0.04 0.04 0.04 0.04	****
MINK CREEK FRANKLIN	10789K0711 # MINK CREEK REGERVOIR IDU0369 # FRANKLIN MINK CREEK S DRC I #	* * * *	42 14.0 111 43.9		TC 46.07	170.0	0 IN IN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	1417.6	* * * *

DATE 14 FEB 81 NATIONAL MYDROELECTRIC POWER STUDY TIME 22,29,22

CONTRACTOR AND CONTRACTOR CONTRAC	化水素素素素素素素素素素素素素素素素素素素素素素素素素素素素素素素素素素素素	c	11	0.2					
******** *EU O : :	, ; ; ; * * * * * ;	* * * * *	****	****	****	****	****	****	* * * *
* CO	er Brandau Bra	96	40 EC	₽ 0	# 54 eb 10	្ ស មា		MU NO	67
	# # # # # # # # # # # # # # # # # # #	33.94 33.91	455 345 345 345 345 345 345 345 345 345	80 W 90 W 10 W 11 W 11 W	5.00 5.00 6.00	412 170	3373	975	37.467
K 4 H H H H H H H H H H H H H H H H H H	* * * * * * * * *	000	****	* * * * *		****	ON 10	****	****
	# # # # # # # # # # # # # # # # # # #	11580	00 N N N N	44 00 WW	9178 9178	32 24 24 24 24 24 24 24 24 24 24 24 24 24	4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W	(1) (N) (P) (P) (N)	100 00 00 00 00 00 00 00 00 00 00 00 00
	*	****	****	****	****	****	0 N N * * * * *	***** ONN	****
# # # # # # # # # # # # # # # # # # #		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		20981 20981	0006	N 60 41	10 m	M M M M	0 0 100 7 0 10
	****	****	****	****	****	****	****	****	000
ACT TO	M	000 00M 00M	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	40 RU 40 CO 60	10.0 90 259.7	04 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 +	484 484 484 684	01 N	1000 1000 1000 1000 1000 1000 1000 100
	# # # # # # # # # # # # # # # # # # #	068.7#	072.8*	****	* * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	47 W = 0 # # #	##### 60 60 60	ICR # #
* • 4 > C	# 40°	-		0	•				ac in
	* ** *********************************	118	118 90 •10	I DP =1070	I H	**************************************	Z H	ı ⇔	2010
R CL	*		****	****	00 IH * * * * *	****	****	I # # # # # # # # # # # # # # # # # # #	****
A T T T T T T T T T T T T T T T T T T T	*	14.0 * 15 51.6 * 17 4434 * = 1	11.2 * IR 58.4 * DP 4451 * = 11	11 12 12 12 12 12 12 12 12 12 12 12 12 1	WUW •04 •06 •06 •06 •06 •06 •06 •06 •06	4.7 # H 29.7 # UP 1030 # #1	1040 1040 1040 18	N	****
	*	42 14.0 x 13 111 51.6 x 0P 2434 x ==1	42 11.22 * IR 111 58.4 * DP 4451 * *1	40 111 00 4 11 00 4 11 00 4 10 10 10 10 10 10 10 10 10 10 10 10 10	000 000 000 1 H	111 29° 7 # H	111 30.0 * H	****	****
A	**************************************	TAN 4 20 14 0 1 18 EX * 111 181 6 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TEMP 42 11.0 * TEMP 12 TEMP 13 50.4 * DP 4455 * *******************************	# # # # # # # # # # # # # # # # # # #	2	X 444 407 * X X X X X X X X X X X X X X X X X X	X	***** 2 *** 2 *** 0 *** 0 *** 1 *** 1 *** 1 ***	****
A	**************************************	0 1 TRE 42 14.0 * 18 CREEK * 111 51.6 * OP * 4434 * *1	TEMP 42 11.0 * TEMP 12 TEMP 13 50.4 * DP 4455 * *******************************	# # # # # # # # # # # # # # # # # # #	2	#09K S# 111 R99 # # 100 # 100 # 100 # 100 # 100 # # 100 # # # #	FORK 6* 111 30.0 1 10	***** 2 *** 2 *** 0 *** 0 *** 1 *** 1 *** 1 ***	****
A	**************************************	R NO 1 TRE* 42 14.0 * 18 TLE CREEK * 111 51.6 * OP * 4434 * **	TEMP 42 11.0 * TEMP 12 TEMP 13 50.4 * DP 4455 * *******************************	# # # # # # # # # # # # # # # # # # #	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	#09K S# 111 R99 # # 100 # 100 # 100 # 100 # 100 # # 100 # # # #	748 FERK 8* 111 30°0 * T	CREEK * 111 % 9 * T	****
A	**************************************	RVDIR NO 1 TRE* 42 14.0 * 18 BATTLE CREEK * 111 51.6 * OP COMP * 4434 * * 1	TEMP 42 11.0 * TEMP 12 TEMP 13 50.4 * DP 4455 * *******************************	# # # # # # # # # # # # # # # # # # #	2	#09K S# 111 R99 # # 100 # 100 # 100 # 100 # 100 # # 100 # # # #	748 FERK 8* 111 30°0 * T	***** 2 *** 2 *** 0 *** 0 *** 1 *** 1 *** 1 ***	****
A	**************************************	RESERVOIR NO 1 TRE* 42 14.0 * 19 RATTLE CREEK * 111 51.6 * OP RES COMP * 1 4434 * * *	ROBRACTIVE COUNTY A 42 11.2 A 12 TO A	# # # # # # # # # # # # # # # # # # #	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 44 407 # X HENRYS FORK S* 111 899" # OP LIGHT CO # 1030 * 61	748 FERK 8* 111 30°0 * T	800NE CREEK # 111 95.9 # H	****
A	**************************************	RESERVOIR NO 1 TRE* 42 14.0 * 19 RATTLE CREEK * 111 51.6 * OP RES COMP * 1 4434 * * *	ROBRACTIVE COUNTY A 42 11.2 A 12 TO A	# # # # # # # # # # # # # # # # # # #	FALLS PIVER & 131 RO.O B IS	* 44 4.7 * THE NEYS FORK S* 111 29.7 * THE NEYS FORK S* 111 29.7 * OP	AEPLACEFENT * 44 5.9 * THENEYS FORK S* 111 30.0 * 19	CREEK * 444 55.9 * H	****
A	SANGER NATRONG TO THE TANGER AND A CO. TO A CO.	RVDIR NO 1 TRE* 42 14.0 * 18 BATTLE CREEK * 111 51.6 * OP COMP * 4434 * * 1	TAIN LAKES REGERVOID-SOUTHWER 42 11.2 # IR FRANKLIN MINK CREEK MA# 111 58.4 # DP TAIN LAKES CANAL COMPANY * 445.5 # # # # # # # # # # # # # # # # # #	MINDER RESERVOIR # 42 11.0 # IFRANKLIN MINK CREEK #0# 111 53.2 # 0 TWIN LAKER CANAL COMPANY # 4443 #	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 44 407 # X HENRYS FORK S* 111 899" # OP LIGHT CO # 1030 * 61	ASHTON REPLACEMENT * 44 5.9 * F FREMONT HENRYS FORK S* 111 30.0 * 19	BOONE CREEK * 444 55.9 * H FREMONT BOONE CREEK * 111 55.9 * I	****
A	TRANKLIN BURAN BINDS & CHARACTER SERVENS SERVE	A SHRONGARH REGERVOIR NO 1 TREF & 14.0 & 1 SA THE CAREK A 111 51.6 & OP A GRANGARH REG COMP A 111 51.6 & OP A GRANGARH REG COMP A A A A A A A A A A A A A A A A A A A	* TWIN LAKES RESERVOIR-SOUTHWE'S 42 11.02 * IR * FRANKLIN MINK CREEK MA* 111 558.4 * DP * TWIN LAKES CANAL COMPANY * 4455. * * * * *	A MINDER RESERVOIR 442 11 0 4 1 4 FRANKLIN MINK CREEK BOx 111 5382 4 0 4 TWIN LAKES CANAL COMPANY & 4445 4 4	A ANDERSON FALLS DIVER A 111 20.0 T T STREMONT FFALLS DIVER A 111 20.0 A 10.0 A	A AGHTON A GA CONT A TOPENDAY STORE OF 111 299, A OP A LIT DOTTED AND LIGHT CO A 1030 A 61	A ASHTON REPLACETENT * 444 569 * T T FREMONT HENRYS FORK SA 111 30.0 * 10.40 * 11.4 * 10.40 * 11.4 * 10.40 * 11.4 * 10.40 * 11.4 * 10.40 * 11.4 * 10.40 * 11.4 * 10.40 * 11.4 * 10.40 * 11.4 * 10.40 * 11.4 * 10.40 * 11.4 * 10.40 * 11.4 * 10.40 * 11.4 * 11.4 * 10.40 * 11.4 * 11	* \$000NE CREEK * 444 55.9 * H * FREMONT 8000NE CREEK * 111 55.9 * H * 40 * *	****
TATALAN TO SELECT TO SELECT THE SELECT THE SELECT TO SELECT THE SE	TARRESPECTABLE STATES OF THE S	A STRONGARY RESERVOIR NO 1 TARK 42 14.0 4 19 4 FRANKLIN DATTLE CREEK A 111 51.6 4 OP 4 STRONGARE RES COMP 4 A A A A A A A A A A A A A A A A A A	TAIN LAKES REGERVOID-SOUTHWER 42 11.2 # IR FRANKLIN MINK CREEK MA# 111 58.4 # DP TAIN LAKES CANAL COMPANY * 445.5 # # # # # # # # # # # # # # # # # #	# AINDER RESERVOIR # 42 11 0 4 14 FRANKLIN MINK CREEK #04 111 53 2 4 0 4 14 15 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	A ANDERSON FALLS BIVER & 111 20.0 & 100 a	A AGHTON A AGA 407 & T A T A T A T A T A T A T A T A T A T	A ASHTON REPLACEMENT * 44 5.9 * T T TREMONT HENRYS FORK SA 111 30.0 * 10.40 * 11.4 * 10.40 * 11.4 *	BOONE CREEK * 444 55.9 * H FREMONT BOONE CREEK * 111 55.9 * I	ISLAND PARK #44 25.2 # FREMONT HENRYG FORK S# 111 23.7 # 461 2 # 461 4 461 #

* * * * * * * * * * * * * * * * * * *	**************************************	2	######################################
	* * * * * * * * * * * * * * * * * * *	2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,22

# # # # # # # # # # # # # # # # # # #	供容器操作信息器整备操作信息器在								
* F	# #	en eu	64	er er	**	00	40-	-0-9	.
# 00 0 0 X # 00 0 0 0 0 0 0 0 0 0 0 0 0	# CO	7362.		ស ស ស ស ស ១ ស ១ ១ ១	3000 3000 3000 3000		19286	6214°6 38°194	11104 804.0
******	* * * * * * * O Ø Ø	000	****	000	40-	000		4444	****
4 - 2 2 2 2 2 2 3 4 4 4 2 2 2 2 3 3 4 4 4 4		969	900 900 900 900 900 900 900 900 900 900	10306	W 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 8000	178792	162701	478104
#	OMM	022	888	000	9.00	000	4 4 6 6 0 6 0	0 10 10	ONN
*444		N N 44 44	4 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N N	75040 13170		10 10 10 10 4 4	69 169	0 4 M F O 4 M
* * * * * *	000	****	000	****	000	****	4444	000	000
A CONTRACTOR		1868 1880 1880 1880 1880	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	F W W W W W W W W W W W W W W W W W W W	M - N	10.0	10700 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	N & 4 304 000 000	104°0 300000 73°9
* E G A	* * * *	* * * * *	****	****	****	****	* * * * *	* * * * *	* * * *
	* '•	•		0			•		· · · · · · · · · · · · · · · · · · ·
* E E E E E E E E E E E E E E E E E E E	1 1 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 0	10 10 1440	11 HR 07 P 2990	E M W W W	1 G	I 00 474	II SO II SO IN	IS IS 4801.	18 9160.
**		# # # # # # # # # # # # # # # # # # #	######################################	THE STATE OF THE S	10 *****	***** 10 474	11 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	1 1 1 8 1 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
**		3 1440	2 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	20 20 20 20 20 20 20 20 20 20 20 20 20 2	# # # # # # # # # # # # # # # # # # #	11 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	1 1 1 8 1 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4	34.6 * 18 39.1 * 18 5927 * 9160.
**		10 std	######################################	THE STATE OF THE S	# # # # # # # # # # # # # # # # # # #	**** 0.00 1.00 0.00 1.00 0.00 0.00 0.00	THE STATE OF THE S	8 4201	42 54.6 * 114 49.1 * 18 4160.
######################################		Solve State	74 116 106 0 4 117 7 4 118 106 0 0 4 117 7 4 118 106 0 0 4 117 7 1	A LIM NG A T T A LIM NG A A L	10 10 10 10 10 10 10 10 10 10 10 10 10 1	# 0 # D D # D D D D D D D D D D D D D D	2 40.4 T 14 45.3 T 32000 T 4 4450	# # # I # I # # I # # I # # I # # I # # I # # I # # I # # I #	* 40 54 55 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
######################################	# 4 4 4 10 4 4 10 4 4 10 4 4 10 4 4 10 4 4 10 4 4 10 4 4 10 4 10 4 4 10 4 4 10 4 4 10 4 4 10 4 1	# # # # # # # # # # # # # # # # # # #	# 41 NN. 6 # HIR RIVER# 116 N6.0 # DF # 2680 # 2990.	TI - TO NO CO TO	4 4 4 5 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 42 42.0 4 T 4 42 42.0 4 T 1 4 43.0 4 DP 4 474	4 470 40° 4 11 4 40° 00 1 4 10° 0	7 4 40 40 8 8 1 8 4 1 4 4 4 8 0 8 8 1 8 4 1 8 4 1 8 8 8 8 8 8 8 8 8 8 8	7 4 42 54.6 7 4 114 59.1 4 134 59.1
######################################	# 4 4 4 10 4 4 10 4 4 10 4 4 10 4 4 10 4 4 10 4 4 10 4 4 10 4 10 4 4 10 4 4 10 4 4 10 4 4 10 4 1	# # # # # # # # # # # # # # # # # # #	# 41 NN. 6 # HIR RIVER# 116 N6.0 # DF # 2680 # 2990.	TI - TO NO CO TO	A 420 514 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 40 4000 4 II 614 4000 4 II 6 614 614 614 614 614 614 614 614 614 6	7 4 40 40 4 T T 4 40 40 4 T T 4 40 40 40 4 T T T T	# 42 40 0 # H RIVER # 114 456 0 # 18 # WOOO # 4201	7 4 42 54.6 7 4 114 59.1 4 134 59.1
######################################	# 4 4 4 10 4 4 10 4 4 10 4 4 10 4 4 10 4 4 10 4 4 10 4 4 10 4 10 4 4 10 4 4 10 4 4 10 4 4 10 4 1	X	# 41 NN. 6 # HIR RIVER# 116 N6.0 # DF # 2680 # 2990.	A T A TOP TO	4 4 4 5 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 42 42.0 4 T 4 42 42.0 4 T 1 4 43.0 4 DP 4 474	4 470 40° 4 11 4 40° 00 1 4 10° 0	7 4 40 40 8 8 1 8 4 1 4 4 4 8 0 8 8 1 8 4 1 8 4 1 8 8 8 8 8 8 8 8 8 8 8	7 4 42 54.6 7 4 114 59.1 4 134 59.1
######################################	TARTEST TO THE TARTES	# # # # # # # # # # # # # # # # # # #	DIVERSION * 413 SS.60 * THR PAVETTE RIVER* 116 26.0 * DP * 2660 * 2990.	PAYETTE RIVERS 116 REG & 10 NOT & 10 NO	SNAKE RIVER # 115 4.00 # T WING 4 T WING 4.00 # TOP # 115 4.00 # 100 0 # 0160	SONAKE OFFETRES 114 48.0 S OF T SONAKE OFFETRES 114 48.0 S OF 474	SNAKE BIVER # 114 40.04 # IS SNAKE BIVER # 114 45.00 # IS	# 42 40 2 # H SNAKE RIVER # 114 4560 # 120	7 4 42 54.6 7 4 114 59.1 4 134 59.1
######################################	TARTEST TO THE TARTES	A No d to A T A No d to A A T A No d to A A T A NO A T A NO A T A NO A T A NO A A A NO A A A A A A A A A A A A A	NYON DIVERSION * 43 SS.6 * IHR PAYETTE RIVER* 116 26.0 * OP * 2680 * 2990.	PAYETTE RIVERS 116 REG & 10 NOT & 10 NO	SNAKE PIVERS A SISSON A CO.	SONAKE OFFETRES 114 48.0 S OF T SONAKE OFFETRES 114 48.0 S OF 474	SNAKE BIVER # 114 40.04 # IS SNAKE BIVER # 114 45.00 # IS	# 42 40 2 # H SNAKE RIVER # 114 4560 # 120	7 4 42 54.6 7 4 114 59.1 4 134 59.1
######################################	TARTEST TO THE TARTES	A No d to A T A No d to A A T A No d to A A T A NO A T A NO A T A NO A T A NO A A A NO A A A A A A A A A A A A A	CANYON DIVERSION * 43 SS.6 * THR PAYETTE RIVER* 116 R6.0 * OP RR RETTE RIVER* 116 R6.0 * R990.	PAYETTE RIVERS 116 REG & 10 NOT & 10 NO	A 420 SI40 A II SI40 A II SI 40 A II SI A	SONAKE OFFETRES 114 48.0 S OF T SONAKE OFFETRES 114 48.0 S OF 474	SNAKE BIVER # 114 40.04 # IS SNAKE BIVER # 114 45.00 # IS	# 42 40 2 # H SNAKE RIVER # 114 4560 # 120	7 4 42 54.6 7 4 114 59.1 4 134 59.1
######################################	TARTEST TO THE TARTES	# # # # # # # # # # # # # # # # # # #	CANYON DIVERSION * 43 SS.6 * THR PAYETTE RIVER* 116 R6.0 * OP RR RETTE RIVER* 116 R6.0 * R990.	TI - TO NO CO TO	SNAKE RIVER # 115 4.00 # T WING 4 T WING 4.00 # TOP # 115 4.00 # 100 0 # 0160	A CONTRACTOR OFFICE TANGERS AND STATES TO STAT	SNAKE BIVER # 114 40.04 # IS UROOO # 4440	# 42 40 0 # H RIVER # 114 456 0 # 18 # WOOO # 4201	7 4 42 54.6 7 4 114 59.1 4 134 59.1
######################################	AND THE TOTAL OF THE TANK OF THE TRANSPORT OF THE TRANSPO	A MAN MIVER TENEVO PORK OF 111 ROS 1 to 100	* BLACK CANYON DIVERSION * 43 SS.6 * IHR * GEN PAYETTE RIVER* 116 26.0 * OP * DOI USBR * 26.60 * 2990.	A MONTOUR VALLEY A 43 S6.4 & H A 6EM PAVETTE RIVER 116 22.0 & 19	# BLISS	# 42 42.0 # II # GOODING SNAKE OFFSTRE# 114 48.0 # OF # 474 # 10440 POWER # 474	A CLEAR LAKES A A TE 40 40 4 TE A GODING SNAKE RIVER # 114 45,3 7 IS A GODING A A MAGENTAL A MAGENTA MAGENTAL A MAGENTAL A MAGENTAL A MAGENTAL A MAGENTAL A MAGENTAL	A CLEAR SPRINGS SNAKE RIVER * 114 4560 * 18 * GOODING SNAKE RIVER * 114 4560 * 4201	7 4 42 54.6 7 4 114 59.1 4 134 59.1
A CIN CO A A CIN COO A C	NATARABE REPRESENTATION OF THE PROPERTY OF THE	A MAN MIVER TENEVO PORK OF 111 ROS 1 to 100	* BLACK CANYON DIVERSION * 43 SS.6 * IHR * GEN PAYETTE RIVER* 116 26.0 * OP * DOI USBR * 26.60 * 2990.	A MONTOUR VALLEY A 43 S6.4 & H A 6EM PAVETTE RIVER 116 22.0 & 19	# BLISS	# 42 42.0 # II # GOODING SNAKE OFFSTRE# 114 48.0 # OF # 474 # 10440 POWER # 474	A CLEAR LAKES A A TE 40 40 4 TE A GODING SNAKE RIVER # 114 45,3 7 IS A GODING A A MAGENTAL A MAGENTA MAGENTAL A MAGENTAL A MAGENTAL A MAGENTAL A MAGENTAL A MAGENTAL	A CLEAR SPRINGS SNAKE RIVER * 114 4560 * 18 * GOODING SNAKE RIVER * 114 4560 * 4201	7 4 42 54.6 7 4 114 59.1 4 134 59.1
A CIN CO A A CIN COO A C	T A CONTRACTOR TO THE STREET OF THE STREET S	A AAA KIVEA HENRYG WORK OF 111 NO.1 & 100 A AAA 6.5 & T A AAAA AAAA AAAAA AAAAA AAAAA AAAAA AAAA	* ALACK CANYON DIVERSION * 43 SS.6 * THR * GEM PAYETTE RIVER* 116 26.0 * OP90.* * DOI USSR	A MONTOUR VALLEY * 443 S6.4 & H * 66.4 &	THE POWER CO. SNAKE RIVER A 115 4.00 TO POWER CO. THE A 115 TO POWER CO. THE	SONAKE OFFETRES 114 48.0 S OF T SONAKE OFFETRES 114 48.0 S OF 474	A 42 40 4 F F F A CODDING SNAKE RIVER # 114 45, W F IS A 4500 F A	# 42 40 2 # H SNAKE RIVER # 114 4560 # 120	THICH BLIDS TO A TO SA. B. CODDING SNAKE RIVER TO 114 490.1

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,23 PAGE 144 OF TABLE 1

MARKARRARRARRARRARRARRARRARRARRARRARRARRA		* * * * *			***	****	****	: * * * * * * *	· · · · · · · · · · · · · · · · · · ·
TOO OF	30.96	co	oc	14975	10. 14. 60 10. 60. 60.	00	7294.7	1 6 4 6 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	100 00 10 00 00 10 00 00 00 00 00 00 00
2	r Malea	102000		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	99 99 99 99	10 10 10 10 10 10 10 10 10 10 10 10 10 1		10 44 44 44 44 44 44 44 44 44 44 44 44 44	年
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	2100 2100 2100	13500 #	7 000 7 000 000 000 000 000 000 000 000			N N N O O O	1006 UK 00 00 00 00 00 00 00 00 00 00 00 00 00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
****	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * O O O • N • O N •	750050 750000 750000 750000	2 4 4 4 0 0 0 0 M	20°0 17°9°4	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	260°0 267960 26°4 26°4 36°4
# # # B B B B B B B B B B B B B B B B B	11	E R E E E	10 09 09 1	TC 00 P P P P P P P P P P P P P P P P P P	T T T T T T T T T T T T T T T T T T T	# # # # # O O N O D D	11.00 11.00	T. 100 0046	100 40 00 40 40 40 40 40 40 40 40 40 40 4
LATITUDE & CONTRACT C	114 5000 H	42 51.9 # 114 53.2 # 114 53.00 # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	42 44.8 ** 114 50.8 * 32000 **	42 51.9 4 11.4 52.0 4 4 4 5000 4 4 5000 4 5000 4 4 5000 4 4 5000 4 5000 4 5000 4 4 5000 4 4 5000 4 5000 4 4 5000 4 5000 4 4 5000 4	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	42 555 0 4 4 55 55 0 4 4 55 50 0 4 4 5 5 5 5	45 24 2 116 7 11 12460	45 30 0 115 0 0
* * * * * * * * * * * * * * * * * * *	SANANASANASANASANASANASANASANASANASANAS	LOWER MALAD GOODING MALAD RIVER * 10AHO POWER CO	# THOUSAND SPRINGS # GONDING SNAKE OFFSTRE# IDAHO POWER CO. **	THUTISAND SPRING SNAKE RIVER A GUUDING SNAKE RIVER A F	TUTTLE MALAD RIVER * COODING MALAD RIVER *	UPPER MALAD ACODOING MALAD RIVER * IDAHU POHER **	SULCEY GOODING BNAKE #	ALTERNATE CREVICE * IDAHO SALMON RIVER * *	* IDENPHOSOZ * ALTERNATE BLACK CANYON * IDAHO SALMON RIVER * * 6 DRC E * 10AHO
# CC # C	* * * * * * * * * * * *	200 400 800 800 800 800 800 800 800 800 8	I G G	I.0	F.5	201	3.0	****	4 # # #

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,23

# 0044E	化化物 化化化物 化化物 化化物 化化物 化化物 化化物 化化物 化化物 化化								
A L L L L L L L L L L L L L L L L L L L	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	14679 14679 14.610 #	0 P	**************************************	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	000 000 000 000 000 000 000 000 000 00
HACE AND A SECOND A S		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 MM 74000	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	# # # # O 3 3 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	36157955 36157955 345157955	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		iu iu au o o a o a a	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	44 24 24 24 24 34 34 34 34 34 34 34 34 34 34 34 34 34	7 150	1701714 1701714	M44500017 ***	16098 16098 16098 16098	M7100 W7100 W7100
* * * * * * * * * * * * * * * * * * *	10000 THE RESERVE TO	****	M 34	**** 400° *00° *00° *00° *00° *00° *00°	00 00 00 00 00 00 00 00 00 00 00 00 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	780000 4800000 48 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 6 0 0 0 0 0 0 1
# Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q		2 N	18 7000	188 2310-03	N I I	TH 80.0030	II. 80. 40.	TH 34	T
* LATITUDE * LATITUDE * DR. AREA * (D M. M.)		46 114 46 140 140	45 30 0 115 0 0	115 115 10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	44 27 2 115 57 55	45 24 2 116 7 1 12460	45 31.9 115 6.3	46 12 0 114 52 0 103
* * * * * * * * * * * * * * * * * * * *		20 A A C C C C C C C C C C C C C C C C C C	SALMON RIVER	LOCHSA RIVER	LITTLE SALMUNA	SALMON RIVER	SALMON RIVER	SALMON REVERS	
* 02	BALLEY MOUNTAIN TO AHO NORTH FOR	BEAR CREEK IDAHU	BLACK CANYON IDAHO	BRIGHT ANGEL IDAHO	CAPTAIN JOHN IDAHO	CAREY CREEK IDAHD	CREVICE IDAHO	DILLINGER IDAHO	* IDSNPW0236 * DOUBLE CREEK * IDU0227 * IOAHD EAST FORK ** SAST FORK ************************************
* * * * * * * * * * * * * * * * * * *	TOUNDENT THE TOUNDE THE TOU	* IDUNPWORUS * * IDUNPS * * IDUNPS * * * * * * * * * * * * * * * * * * *	* ID6NPW0201 * IDU0126 * * 6 DRC I *	* ID6NPWD218 * IDU0196 * * 6 DRC I * *	# IDUNPHORAD # IDUNA	* IDENPEDED * * IDUDING * * * * * * * * * * * * * * * * * * *	* * ID6NPW0198 * * IDU0093 * * * * * * * * * * * * * * * * * * *	TD6NPW0246 # IDENPW0246 # IDUO250 # # E DRC E #	1 105NPW0236 # 1 1000227 # 4 6 020 1 # 4 4 6 020 1 # 4 4 6 020 1 # 4 4 6 020 1 # 4 4 4 6 020 1 # 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

A CACACACACACACACACACACACACACACACACACAC		***	****		***	****	* * * * * *		化 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在
* A T * * * * * * * * * * * * * * * * *	:	00 m 00 m 00 m 00 m 00 m 00 m 00 m 00 m	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	30719 x x 17.00 x x x x x x x x x x x x x x x x x x	6556 656 650 78 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	20°002	100 400 400 400 400 400 400 400 400 400	00000000000000000000000000000000000000	2000
A CARTO A CARACTAR A CARACTAR A COUNTRECT OF COUNTRECT A COUNTRECT A COUNTRECT OF C		* * * * * O * * * IN IN IN IN IN IN IN IN IN IN	14 464 666 444 644 644 644 644 644 644	1874583 x 1874583 x 1874583 x	* * * * * * * * * * * * * * * * * * *	* * * * O O O O O O O O O O O O O O O O	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
A X X X X X X X X X X X X X X X X X X X	900	8917 8917 8917 8917	* * * * * O & O O O O O O O O O O	0 * 0 1349171 * 1349171 *	0.00 0.00 0.00 0.00 0.00		186347 186347 186347 18634 186	* # # # # 1 O # # M M M M M M M M	0.00
****	189681	MUSO W1000 W4000 ****	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	109 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	290.0 # 279100 # 261.0 0 # #	* * * * * * OO SO	27 00 00 00 00 00 00 00 00 00 00 00 00	# 0°0" # # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #		N N N N N N N N N N N N N N N N N N N	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	# # # # # # # # # # # # # # # # # # #	1.0 ° 0.0 ° 0.0 ° 1.0 ° 0.0 ° 0.0 ° 1.0 ° 0.0 °	2 m 2 m 2 m 2 m 3 m 4 m m 4 m m 4 m m 4 m m 4 m m 5 m m 7 m m m 7 m m 7 m m m m	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	10 40 80 E
44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		45 47 9 4 4 15 41 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	46 20.9 # 115 18.0 # 735 # #	45 36.7 * 116 16.6 * 13320 *	46 27 2 115 0 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	45 29.2 * 115 20.0 * 12400 *	45 32.3 4 115 14.2 4 10260 4	* 45 10 4 116 18 0 4 2 208 2	# 45 23 0 0 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
# # # # # # # # # # # # # # # # # # #	444444444444444444444444444444444444	SOUTH FORK CL*	LUCHS AN CRA	SALMON RIVERS	LAKE CREEK	SALMON RIVER	SALMON RIVER	LITTLE SALMON	ELITE GAND CR
**************************************	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ELK CITY IDAHO	FIVE ISLANDS IDAMD	FREEDOM Idaho	FREEZEDUT MOUNTAIN IDAHO	GROWLER RAPIDS IDAHO	HAY FLAT IDAHO	HAZARD IDAHO	HIDDEN LAKE FIDAHÜ
A CODE CODE * * * * * * * * * * * * * * * * * * *	**************************************	107NPW0224 # ID7NPW0224 # # ID00214 # # ID00214 # # # 55 DRC I # #	IDSNEWORRS ** IDUORIS * * 6 DRC I *	* ID6NPM0197 * IDU0092 * * 6 DRC I * *	TOUND TOUR TAKE TO DECORATE TO DECORATE TAKE TO DECORATE TAKE TERRETARE TAKE TERRETARE	# IDGNPWORDW # # IDUGLEG # # 6 DRC D # #	TOANPHORAS * IDUORAS * 6 DRC E * *	# IDSNPWOR43 # IDUO234 # F DRC I #	* IDSNPW0232 * HIDDEN LAKE * IDU0222 * IDAHU * 5 DRC I *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,23 PAGE 147 OF TABLE 1

ACTV DEP * P CODE * P FILE CDE * A STATUS		Σ	CONGITUDE DR. AREA (D. M.M.) (D. M.M.) (SD. M.M.)	8 (8 (8)	X* 010% * (FT) * * (FT) * * (FT) * * (FT)	SEE CONTRACTOR	TINGO ENERGY ENGRGY CO *IOT - ENGRGY CO *IOT - ENGRGY CO *IOT - ENGRGY CO * (TEXT) * (W/THI) * (TEXT) *		A (SEQUENCE AANK) * (SEQUENCE AANK) * (SEQUENCE AANK) *
TOUNDING TO THE TOUR TOUR TOUR TOUR TOUR TOUR TOUR TOUR	TAKEREE E E E E E E E E E E E E E E E E E	SARAKARAKARAKAKAKAKAKAKAKAKAKAKAKAKAKAKA	**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	######################################	在 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
IDSNPMO220 IDUO210	* JOHNS CREEK * IDAHO	SOUTH FORK CL	4 4 55 7 6 2 4 4 4 5 5 5 7 6 2 4 4 4 5 5 5 7 6 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	120 027	0 4 0 4 0 0 8 0 0 8	44 040 040 040 040	780669	2868 80 80 80 80 80	* * * * * *
IDSNPW0242 IDU0233 2 DRC I	* LOCKWOOD * IDAHO	LITTLE SALMON	45 16 16 16 16 16 16 16 16 16 16 16 16 16	* * * O * L * * * O * L * * * O * L * * * O * L * * O * L * O * L * O * L * O * L * O * D * O	* * * * * * *	0 0 0 0 0 0 0 0 0 0 0	4 4 4 W W O O M M 4	1774.4 41.177	****
IDSNPW0233 1 IDU0224 2	* LOWER MEADOW * IDAHO	CHEEK MEADOW CREEK	46 1.9 * * 115 16.9 * *	TH # # # # # # # # # # # # # # # # # # #	10.001001001001001001001000000000000000	7740 0 477		1578 40.326	* * * * * *
IDSNPW0239 IDU0230	MAGRUDER MIDAHO	SEL ** A * L ** A * A * A * A * A * A * A	45 44. 114 43.0 **	M + + + + + + + + + + + + + + + + + + +	04 90 00 00 00 00 00 00 00 00 00 00 00 00	O ST M M M ST M	N N N N N N N N N N N N N N N N N N N	1486 59 • 480 100	*****
IDSNPW0221 IDUO211	MARBLE POINT IDAHO	COHNO CARRES	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 H	* * * * * * * * * * * * * * * * * * *	2186 2186 2186	00 00 00 00 00 00 00 00 00 00	591,59 62,361	
IDSNPW0210 IDU0171 2 DRC I	MEADOW CREEK IDAHO	SOUTH FORK CL.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	TH 00 17 18 18 18 18 18 18 18 18 18 18 18 18 18	* * * * * 0 0 0 0 0 0 0 0 0	OMM NICH NICH NICH NICH	10806 0.0806 0.0806 0.0806	576.75 53.372	
IDENPHOZOS IDUO157 6 DRC I 4	HOOSE CREEK LIDAHO	SELEAY NIVERS	46 7°5" 11 11 11 11 11 11 11 11 11 11 11 11 11	1100 and 1150 and 115	# # # # # 00000 # # # # #	724324	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	16433 19.913	
IDSNPWO208 # IDU0169 #	NEWSOME CREEK IDAHD	* IDSNPWOZOB & NEWSOME CREEK ** * IDUO169 * IDAHD SOUTH FORK CL* * 2 DRC I * TAHD SOUTH FORK CL*	45 48 1 * 115 40 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	1	707-07-07-07-07-07-07-07-07-07-07-07-07-	* * * * * O ID ID ST ID WI M O ID WI M	33.00 3.00 3.00 3.00 3.00 3.00 3.00 3.0	

DATE 14 FEB 81 NATIONAL HYDRUELECTRIC PUWER STUDY TIME 22,29,23 PAGE 148 OF TABLE 1

ACTV DEP * SCORE * SCORE CODE CODE * SCORE CODE * SCORE * SCOR	PRIMARY CONAME OF STREAM OWNER	AE OF STREAM	** CNGITUDE ** ON AREA (O M.M.) * (O M.M.) * (OO M.M.)	AVE. DAY	* * (FT) * (FT) * (FT) * *		ALOCAMENERS A MACHANIA A CANAL	U SE	* * * *
# # # # # # # # # # # # # # # # # # #	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	** 在在水本在水本水本水水水水水水水水水水水水水水水水水水水水水水水水水水水水	* 110 NO 0 K	在	* * * * * * * * * * * * * * * * * * *	在 在 在 CO	**************************************	#	
ID4NPMO216 * IDUO181 * 6 DRC I * 1	PENNY CLIFFS IDAHD	MIDDLE FORK (4 4 6 9 0 0 4 4 4 6 9 0 0 4 4 4 6 9 0 0 4 4 4 4 6 9 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	8.95 8.95 8.95 8.95 8.95 8.95 8.95 8.95	1492645 1492645 1492645	2008745 2008745 4 22 4 2 4 5 4 4 5 4 4 5 4 4 5 4 5 4 5 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****
IDGNPW0237 IDU0228	PETTIBONE IDAHO	SELWAY RIVER	* * * * * * * * * * * * * * * * * * *	N N N N N N N N N N N N N N N N N N N	3000 2000 2000 2000 2000 2000 2000 2000	24 24 24 24 24 24 24 24 24 24 24 24 24 2	20.00 20.00	11404	* * * * *
ID6NPW0207	DINCHOT	SELWAY RIVER	# # # # # # # # # # # # # # # # # # #	1 I S	315.0 160000 289.7	451926	0.000 W W W W W W W W W W W W W W W W W	12491 20.868	****
ID6NPW0196 IDU0087	PINNACLE FALLS	SALMON RIVER	* 45 17 9 * 114 36 7 * 9170	I W	W 4 W 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1113442	1637570 * 1637570 * 4	13 PB 65 BB	****
IDENPHO200 IDU0106	PORPHYRY TOAHO	SOUTH FORK S	SA 115 28 0	I I I I I I I I I I I I I I I I I I I	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0 88 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * O M M O D D D D D D D D D D D D D D D D	88 48 48 48 48 48 48 48 48 48 48 48 48 4	
IDSNPWORST IDUOZET 6 DRC I	* POWELL * IDAHD	LOCHSA RIVER	114 MG W W W W W W W W W W W W W W W W W W	* * * * O O O O T T * * * * * * * * * *	10.0 90 559.4	13876	* 14700 * * * * * * * * * * * * * * * * * *	2103.9	****
* 104NPW0272 * 10U0138 * 6 DRC E	RATTLESNAKE TOAHO	SALMON RIVER	* 45 33.5 * 115 11.0 * 3400	* * * * * * * * * * * * * * * * * * *	11 4 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	290027 290027		13082	
# ID7NPW0225 # IDUO215	* RED HORSE * IDAHÜ	RED RIVER	* 45 47.9 * 115 28.0 * 135	* * * * * * * * * * * * * * * * * * *	210.00		* * * * * * * * * * * * * * * * * * *	711.89	C # # #

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,24 PAGE 149 OF TABLE 1

A A A A A A A A A A A A A A A A A A A	DRIMARY CO. LOEN	Σ	CO F WO CO	** * * * *	(FT) * * (FT) * * * * * * * * * * * * * * * * * * *	AMP AND AND AND AND AND AND AND AND	TOPOOLA (CETT) A (CET	* * * * * * - 00 00 00 00 00 00 00 00 00 00	EXC ECONOMIC EXC NONECONOMIC EXC COMPOSITE (SEQUENCE NANK) (SEQUENCE NANK)
ANNANANANANANANANANANANANANANANANANANA	*************************************	**************************************	**************************************	**************************************	# # # # # # # # # # # # # # # # # # #	**************************************	**************************************	**************************************	C T T C
IDSNPWO212 * IDUO173 * S DRC I *	RUNNING CREEK IDAHO	SELHAY DIVER	45 54.0 114 48.0 650	I A A A A A A A A A A A A A A A A A A A	10 10 10 10 10 10 10 10 10 10 10 10 10 1	7669 7469 7469	* * * * * *	00 00 00 00 00 00 00 00 00 00 00 00 00	
IDSNPWOZ41 * IDUO232 * Z DRC I *	SHEEP CREEK IDAHO	LITTLE SALMONA	45 20 3 116 20 3 116 20 3 116 20 3	T * * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C 00 80 60 80 80 80 80 80	0.000 000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.	1807-94	
IDSNPW0209 * IDU0170 * 2 DRC I *	SILVER CREEK IDAHO	* * TO KEOF HEUDS	45 48.1 115 47.0	T	2	o in in sy m su in cu cu	* * * * * * * * * * * * * * * * * * *	24 124 126 126 126 126 126 126 126 126 126 126	
TOGNPWO206 * IDUO163 * 6 DRC I *	SOUTH FORK IDAHO	SOUTH FOR CLA	46 7 8 115 55 8	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	20 975 975 975 975 975 975 975 975 975 975	*****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
IDSNPWO230 * IDUO220 * 6 DRC I *	SQUAW CREEK IDAHO	COCHOA ZIVEZ 4 4	46 24 24 24 24 26 26 26 26	1 4 4 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°	0 84 984 984	U U U U U U U U U U U U U U U U U U U	* * * * * * * * * * * * * * * * * * *	
TOUNTHOUSES * TOUNTHOUSE * TOUNTHOUS	TENMILE CREEK IDAHO	SOUTH FORK CL	45 45 45 45 45 45 45 45 45 45 45 45 45 4	TH 0000	4 0 0 0 0 0 0 1 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 0 4 4 4 0 4 4 4 0 4 4 4 0 4 4 4 0 4 0 4 4 0 4 0 4 4 0 4 0 4 4 0 4	* * * * * 1 0 00 00 00 00 00 00 00 00 00 00	* * * * * . * * * * * * . * * * * * * . * * * * * * .	
IDSNPWO222 * IDUO212 * E DRC I * E	TWENTYMILE CREEK IDAHO	SDUTH PURK CL	45 49 4 4 5 5 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T H T T T T T T T T T T T T T T T T T T		6 6 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	1567 1567 168 168 168 168 168 168 168 168 168 168	
IDSNPW0234 * IDU0225 * E	* IDSNPW0234 * UPPER MEADOW CREEK * IDU0225 * IDAHO MEADOW CREEK * 2 ORC I *	REEK MEADOW CREEK *	45 55.0 * 15.0 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00 * 4 * 0.00	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	O 80 00 00 00 00 00 00 00 00 00 00 00 00	0.00	100 200 200 200 200 200 200	

FM 2 ID NO * ACTV DEP * CODE *	PRIMARY CO.		* LATITUDE * LATITUDE * DR. AREA * (D M.M)	# # G G G G G G G G G G G G G G G G G G	** CAN THE COLUMN THE	H W W W W W W W W W W W W W W W W W W W	* CAST) * COOO	60 8T	* COEDUENCE AS COE
K # # # # # # # # # # # # # # # # # # #	**************************************	**************************************	**************************************	* * * * * * * * * * * * * * * * * * * *	# K O O O O O O O O O O O O O O O O O O	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	**************************************
TDSNPWD227 * IDUO217 *	HEIR CREEK IDAHD	LOCHSA RIVER	* * * * * * * * * * * * * * * * * * *	T * * * * * * * * * * * * * * * * * * *	10.000		WW 444 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2140.7 57.200	****
IDSNPWO214 * IDUO177 * 6	T T T T T T T T T T T T T T T T T T T	LUCHSA RIVER	* * * * * * * * * * * * * * * * * * *	* * * * * *	10.0	0 MM 6-00 00 00 00		1954 21.033 22.032	****
IDSNPWOZII * IDUO172 *	* WHITE CAP	SELWAY RIVER	* 45 51.9 * 114 48.0 \$20	* * * * * * * * * * * * * * * * * * *	10.0 90 88.5	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2856 56.696 36.696	* * * * *
IDSNPW0229 IDU0219	A WIND LAKES A IDAHO	SAR SPECIAL SOCIAL SECTION NO. TRACE	1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	1000 900 1498	* * * * * * * * * * * * * * * * * * *	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	865. 4 31.759	****
IDSNPWO213 + IDUO176 + DRC I	** HOLF CREEK	SELWAY RIVER	* * * * * * * * * * * * * * * * * * *	*****	10.0	* * * * * * * * * * * * * * * * * * *	10947224	24.772	***
IDENPHO606 NONE	* IDAHD DIVERSION * JEFFERSON * IDAHD AND SWEDE	ERSION SNAKE RIVER SWEDEN IRR	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	000	0 0 m 0 0 d d d d d d d d d d d d d d d	* * * * * * * * * * * * * * * * * * *	600 80. 854 844	****
IDANPHO249 IDUO074	* * * * * 1	SAN STANS	* 42 34.3 114 20.0 * 19000	# # # # # # # # # # # # # # # # # # #	N 90 00 00 00 00 00 00 00 00 00 00 00 00	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	11363	* * * * * *
IDCNPW0253 ID00223	* MILNER LAKE SNAKE RIV	SNAME PARE STATE	* 42 31.3 * 114 0.7	# # # # # # # # # # # # # # # # # # #	14200	* * * * O W W		1113.3	K * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,24

4 KANA BONDANCA ANALAS	にっぱんだと、1975.1005115・1 住世世世帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝帝	* * * * * * *	****	****	* * * * * *	*****	****		
AN A A A A A A A A A A A A A A A A A A	# C O	00	4 6 7 8 8 1 8 1	80 00 00 00 00 00 00 00 00 00 00 00 00 0	13616 64.187	3221 . 9 747 . 74	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	127. 7	# # # # # # # # # # # # # # # # # # #
**************************************	* * * * * * * * * * * * * * * * * * *		000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # 0 000 M M M M 4 4 0 000 M M	4 4 0 0 0 0 0 1 4 4 4 4	0 M M M M M M M M M M M M M M M M M M M	0 4 4 4 4 0 4 0 0 4 0 0 6 0 6	を
#WHF ###################################	######################################	80 80 44 44 00 04 8 4 4 8 8	000	1 W W W W W W W W W W W W W W W W W W W	1 # # # # # 0 0 0 6 M M M M M M	7 4 5 2 4 OM M 00 00 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	**************************************
A X X X X X X X X X X X X X X X X X X X	* * * * * * * * * * * * * * * * * * *	0000 0000 0000 0000	* * * * * * 00 * 00 * 00 * 00 * 00 * 00	**** ***** ****** ******	2	# # # # 4 000 4 000 4 000 6 000 7 100 100 100 100 100 100 100 100 100 100	110000 0000 0000 0000 4 4 4 4 4	WW000000000000000000000000000000000000	100000 4 4 4 6 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	# # # # # # # # # # # # # # # # # # #	TO WE WAY	I 0.0951 1.060,03	H # # # # # # # # # # # # # # # # # # #	## ## O O O O O O O O O O O O O O O O O	# # # # # # # # # # # # # # # # # # #	100 I 001	100 001 400 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #
THE STATE OF THE S	448 448 448 448 448 448 448 448 488 488	14 25 W	42 37.6 ** 114 10.2 * 17180 **	7 42.5 # 16 57.1 # 1 3840 # #	28.9 * 6 43.1 * 6 43.1 *	0.00 0.00 0.00 0.00 0.00	80 4 0 80 00 4 4 4 4 4 4	60 4 60 5 60 5 60 5 60 5 60 5 60 5 60 5 60 5	U7 - 0 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4
*****		₹ ↔		₹ →	1.1	116	1 4 6 1 1 6	46 116 9	106 116 116 118 118
**************************************	A CONTR DYVIOL DU CONTR DYVIOL DE CONTR DE	C SAN	LAKE SNAKE RIVER OF IDE CANAL CO **	SPOKANE RIVERA WATER POWER CO.	ON COEUR O ALENER 11	# 46 POTLATCH RIVE# 11	* * * * * * * * * * * * * * * * * * *	POTLATCH RIVER 116	* 45 WIVER 116
# # # # # # # # # # # # # # # # # # #	* W X X X X X X X X X X X X X X X X X X	* * * * * * * * * * * * * * * * * * *	A A C C C C C C C C C C C C C C C C C C	* * * * * W > * HC	D ALENER 447	4	A * * * * *	E	# 45 RIVER# 116

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,24

TO COMPOSITE A CORDUNATOR TO COMPOSITE A CORDURACE MANK) A CORDURACE MANKO MAN	f R X	****	(## # #						
, g -						****	****	****	* * * *
	200 - 200 -	2000 2000 2000 2000 2000 2000 2000 200	6 80 8 80 8 80 8 80 8 80 8 80 8 80 8 80	11.726 W7. 1886	839 164 837	52.705	502°65	100 M	345 227.82
or or		N W S A A A A A A A A A A A A A A A A A A	N. N	M1M690 M1M60 M		96729 96729 96729	* * * * * O O O	* * * * * * * * * * * * * * * * * * *	4 0 1 VN
0 4 C C C C		37512 37512 37512 444 444	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 000 000 000 000	# # # # # O N N O C O C N N		* * * * * C C C M M M M	146301	
2.0 C	K	M M M M M M M M M M M M M M M M M M M	00 in *6 * *6 * * 0 m in	44 450 600 600 600 600 600 600 600 600 600 6	# # # # # O O in O O in O O in o o	1011 1011 1000 1000 1000 1000 1000 100	000 mm m Ni	M 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
E O	# # # # # # # # # # # # # # # # # # #	20.000 00.000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100 SU	## #C° 19M	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	I 10 10 10 10 10 10 10 10 10 10 10 10 10	# # # 4 0 10 10 10 10 10 10 10 10 10 10 10 10 1
# # # # # # # # # # # # # # # # # # #	**************************************	44 000 44 44 44 44 44 44 44 44 44 44 44	44 58.2 x 113 57.1 x 3450 x	44 43.0 * 114 0.3 * 3290 *	4.5 1.4 1.8 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	24 10 0 0 1 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1	4 11 4 10 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	45 10.2 *
E	* * * * * * * * * * * * * * * * * * *	ATDOUR BURK OF A STANDER FOR A	SALMON RIVER #	A * * * SOPLEON DIVERS	DAN-LING COUNTY * * * *	MIDDLE FORK SA	O A N T I I I I I I I I I I I I I I I I I I	* * * * * * * * * * * * * * * * * * *	PANTIER CREEK
TXICIC: TXICIC T	**************************************	APAREJO Lemmi	CAND CREEK	CRONKS CANYON	OFFI PERM CREEK	DEFR HORN Lemi	HAYNES STRELLITE	INDIANDLA LEMHÍ	GURRAND
TA L IO NO A ACT V DEP & CODE	**************************************	ID6NPW0260 * IDU0112 * 6 DRC I *	IDANPHO271 * IDU0137 * 6 DRC E *	IDSNPWORSE # IDUORSS # 6 DRC I # #	IDSNPW0257 # IDU0069 # S DRC I #	IDANPWOZEG # IDUO133 * # E DNC I * #	IDSNPWO285 * IDUO331 * E	IDENPHORES * IDUOIS1 * 6 ORC I * 1	# BESOURTS # # BESOURT

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,24 PAGE 153 OF TABLE 1

**************************************	TAKE TAKE TO THE TAKE	* *	**************************************	***************************************	A THE WAR A THE CAME A	本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	在本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	# # # # # # # # # # # # # # # # # # #	TOTAL
* ACTV DEP CODE CODE * FILE	# # # # # # # # # # # # # # # # # # #			2	(FT) **	**************************************		(1000 8)	CONTROL OF THE CONTRO
A TOUCOUST	ARKARARERY	**************************************	**************************************	**************************************	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	- 教育教育者在教育教育者教育教育
TOUNDERORYS TOUGOSS TO	TENATORK TREATORK	NAPIAG AND PA	11 10 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44		714,54 85,660	
TOUNDENDESS TOUGOSS TO	LEGAHI LEGAHI KAAA	LEMHI RIVER	44 000 0 4 4 4 600 0 4 4 4 4 4 4 4 4 4 4	H 100 200 20 1	0 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	4770	7.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	1895 58,496	
* IDGNPWOZ61 * IDUO116 * * 6 DRC I *	AOL MINGE	SALMON RIVER	45 17.9 # 114 36.7 # 4000 # #	11.00 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1885 1885 1885 1885 1885 1885 1885 1885	N N N N N N O O O O O O O O O O	70111006 # # # 1	25.55 20.79 20.79	
TOTANGENESS TO TANGENESS TO TOTANGENESS TO TOTANGENESS TO TOTANGENESS TO TOTANGEN	四	CAMAS CAREE K	#### M ** W W ** W W W ** W W W W ** W W W ** W W W W ** W W W ** W W W ** W W W W	TH 00 MM	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 44.74 48.74 48.74	# # # # # # # # # # # # # # # # # # #	%	
* IDGNPWORES * IDUOISE * 6 DRC I *	PAHSIMERDI LEMHI	SALMON RIVER	44 40 00 mm m m m m m m m m m m m m m m	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	130211	* * * * * *	0 88 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	
THE TOUNDESTANDS	POSCI LESTE	MIDDLE PORK	1112 2 10 10 10 10 10 10 10 10 10 10 10 10 10	# # # # # 00 00 00 00 00 00 00 00 00 0	**** **** *** *** *** *** *** *** ***	80 80 80 80 80 80 80 80 80 80 80 80 80 8	# # # # # # # # # # # # # # # # # # #	10 10 13 13 13 13	
* ID6NPW0267 * IDW0131 * 6 DRC E *	LEBERT	MIDDLE FORK 6**	11.05 1.05 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TI 001 001 1000 0000 001 1000 000 000 000 000 000 000 000 000 000 000 000 000 0000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	(U) (U) (U) (U) (U) (U) (U) (U) (U) (U)	000 000 000 000 000 000 000 000 000	240 60 60 60 60 60 60 60 60 60 60 60 60 60	
A IDSNIMO277.4 A IDUO281.4 A S DRC I A	* RODD * LEMMI	TOSNEMOZY * ROOD PANTER PRESENTATION CREEKS E IN DRC 1 * LEWIL PANTER CREEKS E IN DRC 1 * LEWIL PAN	40 10 1 1 4 100 0 4 4 100 0 4 4 100 0 4 4 100 0 4 4 100 0 4 4 100 0 4 4 100 0 4 4 100 0 4 100	Market Art Art Art Art Art Art Art Art Art Ar	# # # # # # # # # # # # # # # # # # #	## ## ## ## ## ## ## ## ## ## ## ## ##	2. 2. 4 0. 0. 0. 4 0. 0. 0. 4 0. 0. 0. 4	000 001 001 001 001	

A CACAG GOOD OF A CACAGA A CAC	***	****	* * * * * *		*****		* * * * * 1		
本では、 では、 では、 では、 では、 では、 では、 では、	î	00 3 00 0 00 0 00 0 0 0 0 0	# # # # # 1	7561. 0.00.	* * * * * * *	100 100 100 100 100 100 100 100 100 100	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	010407
ACANAMANAMANAMANAMANAMANAMANAMANAMANAMAN	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	131287 4 4 131287 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	691910 691910 691910 691910 8 * * * *	16976	010 212 213 000 314 414	E R R R R R R R R R R R R R R R R R R R	**************************************
# H H H H H H H H H H H H H H H H H H H	2555 255 255 255 255 255 255 255 255 25	7.4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		# # # # # # # # # # # # # # # # # # #	44 000 000 000 000 000 000 000 000 000		4 4 4 4 5 ONUM MM		200001 200001 200001 200001 200001 200001 200001
****	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 10 10 10 10 10 10 10 10 10 10 10 10 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	200000 200000 200000 200000 200000	0000 0000 0000 0000 0000 0000 0000 0000	10 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000000000000000000000000000000000	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #
**************************************		* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	T H G G G G G G G G G G G G G G G G G G	# # # # # # # # # # # # # # # # # # #	1	* * * * *	#### ####	**************************************
* * * * * * * * * * * * * * * * * * *		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 45 N2.6 4 114 16.8 4 150 0	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 44 85.0 * 113 37.9 * 980	* * * 4	* * * * * * * * * * * * * * * * * * *	4 120 130 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* CC * C	0.0ALMON RIVERS	SALMON RIVER	SALMON RIVER	SALMON RIVER	SALMON RIVER	LEMHI RIVER	PANTHER CREEK	CAMAS CREEK	CLEARWATER R
**************************************	**************************************	SALMON VALLEY	SHEEPEATER C/O LEMHI	SHEEPEATER ND LEMHI	SHUIP	TENDOV	NALL ACE MENTACE	YELLON JACKET LEMMI	DANDWORST & KAMIAH IDU0179 & LEWIS CLEARWATER DRC I &
****	######################################	IDSNPWO280 # IDUO284 # 8 DRC I # 8	TOSNPHOSE4 * TOUOIZO * TOUOIZO * * TOUOIZO * * * * * * * * * * * * * * * * * * *	TOSNPW0262 * IDUO118 *	ID6NPW0263 * IDUO119 * I DRC E *	TDSNPW0282 * IDSNPW0286 * * I DU0286 * * 5	TOUNDWORTS *: TOUNDWORTS *: TOUGOGG * *: TOUGGGG * *:	TDSNPWORTS TDUGGGG X X Y DRC IX	₩ 4

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,25

######################################	· · · · · · · · · · · · · · · · · · ·					* * * * *			
******** *	****	****	****	****	****	****	****	****	***
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	248 148 148 18	1636.8	1276.9	41750	15981	42210 9.2436	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
****** ***** **** **** **** **** ****		000	17700	* * * * * * * * * * * * * * * * * * *	4000000	24 W10 W1 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	72647	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	200 200 200 200 200 200 200 200 200 200
# 4 4 6 # 4 4 6	2	10 C C C C C C C C C C C C C C C C C C C	44 0 644 0 0 64	44 44 44 44	114400 214000 350000	20 00 00 00 00 00 00 00 00 00 00 00 00 0	185179	695116 695116 695116	1026409
*****		000	****	200000 44400000000000000000000000000000	* * * * * * * * * * * * * * * * * * *	1000000 46 WW.00000 4 * * * *	* * * * *	000000 000000 0000000 0000000	160°0 ± 100°0 ± 100°0 ± ± 100°0 ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ±
		H 040 4 40 4 40 4 40 4 40 4 40 4 40 4 4	## # # # # # # # # # # # # # # # # # #	M H	######################################	1.000 1.1 4.4.4 4.4.4	T 88 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	######################################	10000 4 10000 4 1000000 4 100000 4 100000 4 100000 4 100000 4 100000 4 100000 4 100000 4 100000 4 100000 4 100000 4 100000 4 100000 4 100000 4 1000000 4 100000 4 100000 4 100000 4 1000000 4 1000000 4 1000000 4 1000000 4 10000000 4 10000000 4 10000000 4 100000000
# # # # # # # # # # # # # # # # # # #		4 43 10°9 4 4 114 19°0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*	4 4 11 26 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	42 40.0 x 113 30.0 x 15700 x	24 24 24 24 24 24 24 24 24 24 24 24 24 2	466 28 4 4 116 46 0 4 4 4 8 4 8 6 4 8 6 4 8 4 8 6 4 8 4 8 6 4 8 4 8	46 20 3 x x 117 1.0 x x 93100 x x	# 46 2.3 # # 116 555.5 # # 68000 0# # 68000 0#
Σ	E E E E E E E E E E E E E E E E E E E	WOOD RIVER	OING BIG DROP SNAKE RIV CANAL CO	CANYON CREEK	BNAKE RIVER	LOMER CANYON SALMON RIVER	CLEARWATER RI	α # # # # # # # # # # # # # # # # # # #	# # # #
k j	* BP 49 WODD RIVE!	8.W.BP 48 LINCOLN WOOD RIV CANAL	MICNER SOOF	CANYON CREEK Madison	MINIDOKA MINIDOKA DOI USBR	ALTERNATE LOWER NEZ PERCE	ARROW NEZ PERCE	ASOTIN NEZ PERCE	A IDGNPWO298 & CHINA GARDENS T IDUO188 & NEZ PERCE SNAKE RIVE & 6 DRC E #
# # # # # # # # # # # # # # # # # # #	TOENPWOSO1 NONE POFC S	* * OCCATANON TO THE STATE OF T	TOPCMENDON THE TOPCMENT TO THE	* ID7NPW0289 * ID00319 * S DRC I * *	# 101NPW0290 # # 1000275 # # # 1000275 # # # # # # # # # # # # # # # # # # #	* TD6NPW0293 * TDU0091 * * 6 DRC D *	# ID4NPW0299 # # IDU0192 # # # # # # # # # # # # # # # # # # #	A IDANDAOROS A IDANDAOROS A S CORC I A S CORC I A S CORC I A S CORC II A S COR	# 106NPW0298 # 105NPW0298 # # 1050188 # # 6 0RC E # # ###############################

5 # # U.W	* * *	***	* *	*	*	* *	*	*	* .	* *	*	*	¥	*	# 1	k 43	*	奪	*	* (* 4	K 47	*	#	* .	* *	#	#	#	4 1		=	=	- 1		*	•	# #
** ERC NONECONOMIC** ** ERC NONECONOMIC** ** FRC NONECONOMIC**	(ORGUENCE RANK) (ORGUENCE RANK)																				 *																	*
L L L L L	MOURING TO THE T	# is																		=	*																	*
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	W U Z	********																																				*
		3 4																																				*
ည်း	18E)																																					*
* * *	* * 1	* *	* *	*	*	* *	*	*	*	* 1	*	#	*	*	# 1	K 4	*	*	*	* 1	= 1	K #	*	*	*	# 7	* #	*	*	# 1	* *	. *	*	* 1	* 4	*	*	*
C081	S I	*	4911.9			100	2.610			0.7071	174			1	64777	U 0			104.60	826			621	• 36			3.4	100			Ç	0			•	69	•	*****
· 6	(1000 S)	**	7.			33.0	42			7	28.	•			4	-			104	47.			52,6	239			599	183							4.47	199		*
N N	55	*				-					-																											*
***	* * 1	* *	* *	*	#	* *	*	*	*	* *	e ex	*	*	*	* +	× 1		*	*	* *	* 1	* *	*	*	*	* *	* *	*	*	* 1	* *	: * : 0	ac	# 1		. *		*
N 00 0		- *	03	73031		_	547	125470		_	166	3166			9	37 40 B 44	3			2.0	20			2	N			268	268		75687		3954			324	3240	****
- m m		~ * * * * * * *	~	~			2	~			R.	2				7 7 7	•				-							M	M		7	•	4					*
	5	*		_	_		_	_	.			_	_	-		å		÷.		* *	K 1		-		*	* *				a r 1	* #	#	*	* 1	× 4	. #	*	*
		*	0 1	7	•		4	3	-			0	•	-	• ·		,	_	Ö	699	0		0	4.	4	-	0	10	51		0	20	2800		c	3	1464	*
		. *	32.5	13227			4	4524			49710	197			,	33/3369				ā :	à				-			7.5	1		00868	d d	82.8			7	1.4	****
	. S.	***					nu	N.			7	-			1	מ מ																						*
TO CAN TO	5	*																																				*
***	E. W. W.	* *	* *	*	*	* *	*	*	*	* +	r 4×	*	*	#	* *	# 1	* *	*	*	*	*	* 1	*	*	*	* 1	. *	*	*	*	* *	*	*	# -	* 1	* *	*	*
- 65	£ .	*****	11000	7.7		70	4.50	4		ie.	00000	5			9	00000	•		9	5400	-		9.	2500	-		0	_	40.		6	000	~		9	• 6	299.7	****
E O	(AC FT)	***	4 -	-		4	16	, ru		-	9 6	•		1	2	907	3		<u>o</u> r	gn i	aU		æ	K)	40		3	162	'n		-	S. C.			Ī	•	ns.	*
AT DAN THE		* *	* *	*	*	* *	. +	*	存	* 1	k #	*	*	*	*		× #	*	*	*	*	* 1	. *	*	*	* 1		- *	*	*	* 1	F #	*	*	* +	* *	*	*
<u> </u>	3	() ()	!	5130.0				31.9				13280.0*	•			٩	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓				76.3				63.2				370.0				175,5				9	******
A PUR				513				57				328					2				ì		Ų	_	Ť								_			or.	11	*
S C	€	*	0 7.	,		1	. H	*		3) or	*			I i		-		138	Ö			₩	8			1	, H	•		1	D Q.	•		1	E -	•	*
E (E (E (E	* * *	* ;	* *	*	*	* *	* *	*	*	* 1	* *	#	*	*	#	# :	* *	*	*	*	#	# 4	K #K	#	*	# 1	* *	*	*	#	* 1	* *	*	#	*	* *	*	*
	iee:	<u>:</u> :	20 C	100		7	200	558		u	70° 5	40			ຕູ່	47.6	3		9	2.0	Š			ŝ	4		0		946		ď	- 60	00		•		978	***
F I I I	E E E	(30°HI)	46 26.8	, gr		~					۳ ک	, ac			in .	S			2	~			17	้ณ				in.			ŭ		3					
* LATITUDE *P *LONGITUDE *	see:	5		•		46	116	•		4	 - -				\$.	116			4	11	_	_	4	11	_	_	. 7	! ! ! #				4 -			: يو	* +		***
x X.	* * *	- 1	: ລ	z #≭ 4 5	*	* 1		. *	*	*	0	2	*	*	•	e Oz	* •		* *	#	*				•	•	~ ,	Z Z		•	•	2	_	_	-	_ Q	3	**
# 67 # #3		1		t á			O.	2			4 4 4 6	2			1	RIVE				¥				CREEK			2	5 6	+			217				0	1 E	
18		4					CI PADWATED	L											_	CREEK							0	BRINEAL RT								1 4 M	i E	*
* Z * M O		1		t K			0 7 4	,			0 F 4 D	K L				SAL KON			LUIE	O.	8			11 /	CO			2				A X X				2		*
* 4 M	X.	4	ī))			ō	,			č	,				Ø)			ERY	2	91			0	OX OX				•			ď.	5			ā	5	*
KAN HUUNGU NAN HUUNGU	Z 3 5	4	HOG ISLAND TO DECTE TO DECTE TO DESTRUCTE TO DESTRUCTE												z				RESERVOIR	DEEP	S.			_	MALAD VALLEY IRR CO		CANAGE	5					_					*
* 0.0		4	2				Ł				L	ı.			LOWER CANYON	ĮLĮ.					Ä		i.	DNETDA	1		7	د ۲ ک			1	الله بح						*
* O.		4	ISLAN	3 E 3		,	ر 10 م) [ر با نو	נו נו			Š	E 20			CKE	⋖	CRE		ü	· •	X		- T) (4)	ı				141 141 141 141			9	ب	*
* *		4	K 45 M			3				6	LENOXE LENOXE	*			CK W	o N			DEEP CHEEK	DNETDA	a.		\ 7 1	ETO	LAD		1	2			٠	C J WIRING	ID POWER			JARBIDGE	E E	*
* 0.		4	H06	1		-	دا ه 2 د	2		i	L) 2	1 2			_	¥			OE	S	G				Σ		. d	2 3 0 C	5			ა შ	e H	•		7		安全在安全的 计多数 化多数 医克勒氏性 医克勒氏性 医克勒氏性 医克勒氏性 医克勒氏性 医克勒氏性 医二甲基苯酚 医二甲基苯酚 医二甲基苯酚 医二甲基苯酚 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
THE TO SO THE PROPERTY OF THE	* * *	* 1	. * 1	* *	*	* 4	* 1 0	* *	*	*	# 1 	t #	: *	*	# N	*	مر ند	* 1	* *	*	*	₩.,	* *		*	*	+ + 0	* * !	* * ⊷	*	*	* † 	. *	. 4 4	#	* 1 O.	× *	4 化
* Z Z i	300 E	တ က	9 2 2) 		0	7 d	ת ה			200	0 0 0 0 0 0			920	060			073	500	24		7 7	600	U		, N	7 7 7		,		031	٥			1031	ပို့ ပ	*
# E E	ב	STATUS	000X4X4	DRC		2	7 C	DRC		Ì	ONDER ON P		5		Z DZ	10000dI	N D		D Y	000	20		Q.	000	C		9	1010000	280	š		3 (2 (200			3 (0 : 2 (2000	*
* Z Z (ACTV DEP CODE CODE	STATUS	ACCOMMONDS ACCOMMONDS	- M			1742725740	; •		į	TOPMONATION	≒ ~	ه		ID6NPM0292		æ		100	ID00005	ni		TOC	ID00229	.			2		•		IOI	2 DRC I	ž		TOUNDEDUNG	 	報 数 1・事
* * * *	* * *	*	k -	- ·	*	*	· # 4	. *	*	*	* →	* 4	. *	*	*	*	* 1	x 1	x #	*	*	*	* 1	. 4	*	*	* 1	* 4		*	*	* 1	k #	*	*	* .	* *	. #

DATE 14 FEB 81 NATIONAL MYDROELECTRIC POWER STUDY TIME 22,29,25 PAGE 157 OF TABLE 1

GAANUL COMPTENS CARGANITATION AND CARGANITATION AND COMPTENS CARGANITATION AND COMPTENS CARGANITATION AND CARGANITATION	***************************************	. * * * * *	****			****	***	****	***
NUL COST (1000 8)	44 7004 4004 4004 4004 4004 4004 4004 4	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 50 50 50 50 50 50 50 50 50 50 50 50 50	86.00 e. 4.00 e. 7.00	00	พ ด พ ต พ ต	្នាស់ ភូមិ ស្រួល ស្រួល ស្រួល ស្រួល	M 1000 1000 1000 1000 1000 1000 1000 10	13301
CARROLL CONTRACTOR CON	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		11 10 10 10 10 10 10 10 10 10 10 10 10 1	NWO 74 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M	N W W W W W W W W W W W W W W W W W W W
# # # # # # # # # # # # # # # # # # #		C G G MM G G MM	E E E E E	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**** O 3 m M M M Q O 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	88 88 88 88 88 88 88 88 88 88 88 88 88	本 本 本 本 本 本 本 本 本 本 本 本 本
*****		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # 0000 9000 9000 9000 9000 9000 90	225 10000 217,7	1676000 # # 0 # # # # # # # # # # # # # # #	30.0 00.0 00.0 4444	W W O O O	M M M 40 M 60 M 60 M 70 M	* * * * O * O * O * M * M * M * M * M *
-	NOR	E E E E E E E E E E E E E E E E E E E	* * * * * * * * * * * * * * * * * * *	2 H 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 00 10 10 10 10 10 10 10 10 10 10 10 1	1100 6400 6400 6400	# # # # # # # # # # # # # # # # # # #	T CO	在本文 (4) (6) (6) (6) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7
# L L A 1 1 1 1 U D E # # C D A 1 1 1 U D E # # C D A 1 1 U D E # # C D A 1 1 U D E # # C D A 1 1 U D E # # C D A 1 1 U D E # # C D A 1 1 U D E # # C D A 1 1 U D E # # C D A 1 1 U D E # # C D A 1 U D E # # C D A 1 U D E # E # C D E # E # E # E # E # E # E # E # E # E	116 30 0 4	42 16.9 *	115 35.0 ***	42 34.9 11.5 37.9 11.5 23.00 11.5 37.9 11.5 37.0 11.5 37	112 45.7 **	42 42 22 4 112 57 6 2 4 1 136 7 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	47 10 40 0 10 10 10 10 10 10 10 10 10 10 10 10	27 U42. 116 U42. 0.00. 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	47 19.1 # 116 16.3 # 1098 #
- -	ANALES CANACAMES DIVERS OF THE STATES OF THE	OWYHEE RIVER	A SKUNEAU A I VERS	A ACAINE UAMANUS CAN	SNAKE RIVER	SAAKE NIVERS	#####################################	COEUR D ALENER	A IDANPSOO16 & FITTGERALD FALLS * IDHO379 * SHD#HONE Of JOR RIVER & 6 DFC I *
4	ř	RED CANYON OWYHER	OLENER CREEK	THE FORKS OWYHER	AMERICAN FALLS POWER DOI USBR/ID POWER	EAGI.E. ROCK POWER	AVERY SHOSHOVE	ENAVILLE Shoshone	FITTGRALD FALLS OFFICE
* * * * * * * * * * * * * * * * * * *	IDENPMOSO7 IDUOO27 S DRC I	TOSNPWOGOG * TOUGOGG * TOUGOGG * TOUGOGG * TOUGGG * TOUGG * TOU	TOONDWOOD TO THE TOON THE TOO THE TO	IDENPEOSOS # IDENPEOSOS # IDUCOCOC # # IDUCOCOC # # IDUCOCOC # # IDUCOCOC # # IDUCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCOCO	TDINPEDGEO ** TDOORTA ** ST DFC H **	TOWNPHOSTO ** IDUODOS **	104NPS0017 # IDU0380 # # 6 DFC D#	# 1D6NPS0026 # 1DU3006 # 4 6 DFC D # 4	# ID4NPS0016 # . ID40379 #

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.25

HF ~3;	7 7 7 7 7 * *		* * . * . *		T - T - T	Ŧ		5 5 D 1 D	*
20246	*								
	k k k								*
	* * *								*
	*	****	****	****	****	* * * * *	****	****	****
	# C C C C C C C C C C C C C C C C C C C	60 60 80 80	80 % Fr % &	4.0	6162.4 40.391	eo 4 •80 ⊶ 10	0 -4 0 -4	% 60 M ►	43.906
E 200 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	# 0 0 # 0 0 # 0 0 # 0 0 # 0 0	65 85 86 86 86 86 86 86 86 86 86 86 86 86 86	3305.8	36.7	40.	24 40 40 40 40 40 40 40 40 40 40 40 40 40	N W 00 00 00	N N N N N O	24 20 00 10 10 10 10 10 10 10 10 10 10 10 10
*ZZ	*	****	****	****	****	****	****	****	0000
**************************************	* 0 0 * 0 0	44 88 90 90 90 90 90	24 20 20 20 20 20 20 20 20 20 20 20 20 20	222 222 222 222 222 222 222 222 222 22	0 152570 152570	77301	79101	93299	102668
XXZD		N W	44	- N N	का का च	-	~~	• •	,
E B B B B B B B B B B B B B B B B B B B		* * * * *	4 4 4 4	000	9444	\$ * * * *	000	0 = =	000
**************************************	# 40 40 #	4 4 4 4 6 0 0 0	0 00 0 00 0 00 0 00 0 00 0 00	0.00 0.00 0.00 0.00 0.00	3087	137	20440 20440	00 00 00 00 00 00 00 00 00 00 00 00 00	17669
M M M M M M M M M M M M M M M M M M M	k k								**
	****	****	****	****	****	****	****	****	000
XX	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 8 M 0 M	300.0	000	400°0 390°0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N N 4
######################################	* * *	****	****						* * * *
	* M	4	80	•	* * * * *		7.5	****	* * * * * *
* D D • F	# €0	€	73	<u> </u>	=======================================	. 40	- S	-	<u> </u>
######################################	ax 6/⊓	16 138 1389.4	118 118 118	E H 80 10 10 10 10	H 15	I H 0 10 10 10	IS IS *943°*	0 B	7.9 8.0 1.0 1.0
* * * * * * * * * * * * * * * * * * *		****	11 13	# # # # # # # # # #	IH	T H		8	U B
****		TH **** O SD O SD O SD O SD	100 T	# # # # # # # # # #	# # O ON	øs *	W T T W TO T T W T	1	****
****		2 H	E T T T T T T T T T T T T T T T T T T T	ø2 *	· s	0.44 0.80 4.4.4.4 0.80	SI T T T T T T T T T T T T T T T T T T T	# # # # # # # # # #	****
* * * * * * * * * * * * * * * * * * *		# 47 39.2 # T # 116 1.9 # H	4 47 10°4 * I 10 27°4 * I 10 2	**************************************	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	74 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 1 1 4 5 6 6 7 4 1 5 6 6 6 7 4 1 1 5 5 5 6 6 7 4 1 1 5 5 5 6 6 7 4 1 1 5 5 6 6 7 4 1 1 5 5 6 6 7 4 1 5 6 6 7 4 1 5 6 6 7 4 1 5 6 6 7 4 1 5 6 7	## # # # # # # # # # # # # # # # # # #	****
* * * * * * * * * * * * * * * * * * *		ALENER 44 W9.02 A A A 116 W9.02 A A A 40 W9.05 A A 40 W9.05 A A	4 47 10 4 4 1	XIVER * 11 15 15 15 15 15 15 15 15 15 15 15 15	# 47 12.0 * I RIVER * 115 30.9 * IS * 304 * * * *	71 VER	A 47 140 S A T C A C A C A C A C A C A C A C A C A	7 4 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1	****
* * * * * * * * * * * * * * * * * * *		# 447 M9-2 # # # # # # # # # # # # # # # # # # #	4 47 10 4 4 1	4 4 14 14 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	47 12.0 * I UDE RIVER * 115 30.9 * IS 304 * *7	4	4 47 14 8 8 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1	T # B. WI FA # CON RIVER # CON	****
* * * * * * * * * * * * * * * * * * *		ALENER 44 W9.02 A A A 116 W9.02 A A A 40 W9.05 A A 40 W9.05 A A	4 47 10°4 * I 10 27°4 * I 10 2	4 47 13%-7 # H 4 40 13% 36,0 # HS 4 11% 366 # 8	# 47 12.0 * I RIVER * 115 30.9 * IS * 304 * * * *	24 C 0 0 0 1 4 C C C C C C C C C C C C C C C C C C	A 47 140 S A T C A C A C A C A C A C A C A C A C A	7 4 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1	****
* * * * * * * * * * * * * * * * * * *	T T MING TO THE THE THE TRANSPORT OF THE TRANSPORT TO THE	* 47 39.2 * * * CORUR 0 ALENE* 116 13.9 * * * SOUS * * * SOUS * *	A 47 10.4 A 1 S C 1 C C C C C C C C C C C C C C C C	CREEK * 47 13,7 * H ST JOE RIVER * 115 36,0 * 18	# 47 10.0 F F F F F F F F F F F F F F F F F F	24 C 0 0 0 1 4 C C C C C C C C C C C C C C C C C C	T 4 10 N 1 L 4 4 4 4 5 N 1 N 2 N 1 L 4 10 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1	87 JUN-88 * T SOT JUN	****
* * * * * * * * * * * * * * * * * * *	T T MING TO THE THE THE TRANSPORT OF THE TRANSPORT TO THE	* 47 39.2 * * * CORUR 0 ALENE* 116 13.9 * * * SOUS * * * SOUS * *	# 47 10 4 # I # # I # # I # # I # # I # # I # # I # # I # # I # # I #	CREEK * 47 13,7 * H ST JOE RIVER * 115 36,0 * 18	# 47 10.0 F B I S S S S S S S S S S S S S S S S S S	CREEK # 47 8.0 * T S 8.0 *	COP. ST COM RIVERS * 110 400 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	87 JUN-88 * T SOT JUN	****
* * * * * * * * * * * * * * * * * * *	T T MING TO THE THE THE TRANSPORT OF THE TRANSPORT TO THE	* 47 39.2 * * * CORUR 0 ALENE* 116 13.9 * * * SOUS * * * SOUS * *	# 47 10 4 # I # # I # # I # # I # # I # # I # # I # # I # # I # # I #	CREEK * 47 13,7 * H ST JOE RIVER * 115 36,0 * 18	# 47 10.0 F B I S S S S S S S S S S S S S S S S S S	CREEK # 47 8.0 * T S 8.0 *	COP. ST COM RIVERS * 110 400 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	87 JUN-88 * T SOT JUN	****
SERVERSER SERVER	A THOUS A MINE CANYON CREEK A 115 400 A THOUS A CHANGE A 120 MINE A THOUS A TH	* 47 39.2 * * * * * * * * * * * * * * * * * * *	* NIAGARA CR & 4 47 10.4 & 1 I S & 4 T I S & 4	A A A A A A A A A A A A A A A A A A A	A GUARTZ BLUFF ST UDE RIVER * 115 30.9 * IS A ST A	A STAMONS CREEK A LOS RIVER A LIS R4.0 A I LOS RICHER A LIS R4.0 A I LOS RATIONES A LIST R4.0 A I LOS RATIONES A RATIONES	A CTOSTERO CO. A CTOR SIVER A 115 42 1 1 S A CTOSTOR SIVER A 115 42 1 1 S A CTOSTOR SIVER A 115 40 1 S A CTOSTOR SIVER A 1 1 S A CTOSTOR SIVER S	A STEANT CREEK A STUANCH CREEK	****
SERVERSER SERVER	A THOUS A MINE CANYON CREEK A 115 400 A THOUS A CHANGE A 120 MINE A THOUS A TH	* 47 39.2 * * * * * * * * * * * * * * * * * * *	* NIAGARA CR & 4 47 10.4 & 1 I S & 4 T I S & 4	A A A A A A A A A A A A A A A A A A A	A GUARTZ BLUFF ST UDE RIVER * 115 30.9 * IS A ST A	A STAMONS CREEK A LOS RIVER A LIS R4.0 A I LOS RICHER A LIS R4.0 A I LOS RATIONES A LIST R4.0 A I LOS RATIONES A RATIONES	A CTOSTERO CO. A CTOR SIVER A 115 42 1 1 S A CTOSTOR SIVER A 115 42 1 1 S A CTOSTOR SIVER A 115 40 1 S A CTOSTOR SIVER A 1 1 S A CTOSTOR SIVER S	A STEANT CREEK A STUANCH CREEK	****
SERVER SE	THOUS A MINISTER CANYON STREET	* 47 39.2 * * * CORUR 0 ALENE* 116 13.9 * * * SOUS * * * SOUS * *	A LTAGARA CR A LT TO A T TO B	A A A A A A A A A A A A A A A A A A A	A GUARTZ BLUFF ST UDE RIVER * 115 30.9 * IS A ST A	CREEK # 47 8.0 * T S 8.0 *	A TA 1M. ST TA	A STEAN CREEK A LON RIVER A 115 440 B A T A SHONNER A 115 440 B A 115 A 115 440 B A 115 A 115 4 475 A 115 A	* 47 46.9 * * SHOSHONE COEUR D ALENE* 116 3.9 * * \$ \$40.500 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.26

* 0 8 8 9 9	R 在 在 音 音 音 音 音 音 音 音 音 音 音 音 音 音 音 音 音								
* * * * * * * * * * * * * * * * * * * *	****		****				****	****	****
######################################	######################################	2066.0 195.19	766.10 57.303	9 11 12 13 13 13 13 13 13 13 13 13 13 13 13 13	2357 6 312 46	779.97	# O C	00	7042 14 340 - 7
******	* * * * * *	033	000	ON 10	000	0 = =	000	****	ON 81
AMBE (CC TENDES TEND	* 00 * * * *	20 C	8 M M M M M	7 7 7 7 8 8 9 8 9 8 9 9 9 9 9 9 9 9 9 9	4 4 0 0 0	27.0 27.0 27.0 27.0 27.0 27.0 27.0	00000000000000000000000000000000000000	223778	in m n m
* * * * * * * * * * * * * * * * * * * *	2 O O O O O O O O O O O O O O O O O O O	M M	2769 2769	1676	& Q.	4 4 0 in si	4 4 0 90 0 90 0 90 0 90	00000	
*****	* * * * *	**,**	* * * * *	****	****	****	****	****	***
AVERTANT AND		2. 4. 4. 0. 0. 14. 4. 0. 0. 14. 4. 0. 14. 14. 0. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14	10 00 47 8 8	10.0 90 139.8	120 120 349 499	10.0 90.4 14.8	2000 2000 312 313 313 313 313 313 313 313 313 313	11 12 14 14 14 14 14 14 14 14 14 14 14 14 14	0 6
*****	* * * * *	****	****	* * * * *	****	* * * * *	****	* * * * *	***
* C S L S L S L S L S L S L S L S L S L S	* * * * * * * * * * * * * * * * * * *	90 30 30 30 30 30 30 40 40 40 40 40 40 40 40 40 40 40 40 40	11 H S 14	E H	H IS 100.0	11 St 17 12 8 D	18 18 1875	10. 17. 17.889	E H
	* 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # #	# # # # # # # # # #	± # # * *		#####	* * * * * * * * * * * * * * * * * * *	. 589	TH 69
* C.	* * * * * * * * * * * * * * * * * * *	80 78.88	140				1675	. 589	42 M9.6 * I
* * * * * * * * * * * * * * * * * * *	# 1	NO. 2 4 4 0.00 NO. 4 4 4 0.00 NO. 4 4 4 0.00 NO. 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	SH K K K K K K K K K K K K K K K K K K K	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	C	7 4 42 Wint a T 4 114 100 W a 1 16 75 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 40 50 5 8 1 1 4 4 6 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. 4 42 19°6 * T
* * * * * * * * * * * * * * * * * * *	# 1	NO. 2 4 4 0.00 NO. 4 4 4 0.00 NO. 4 4 4 0.00 NO. 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	SH K K K K K K K K K K K K K K K K K K K	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	C	7 4 42 Wint a T 4 114 100 W a 1 16 75 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 40 50 5 8 1 1 4 4 6 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FALCO # 110 0 0 0 1 10 0 0 0 1 10 0 0 0 1 10 0 0 1 10 0 0 1 10 0 0 1 10 0 0 1 10 0 0 0 1 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* * * * * * * * * * * * * * * * * * *	# 1	MIN	A UN UD A A I I I I I I I I I I I I I I I I I	ATVER & 111 1450 A T A CO 410 A T A CO 410 A A T A A CO 4 A A A A A A A A A A A A A A A A A A	ALM 36.55 * T	C	A 42 W1 1 1 T T T T T T T T T T T T T T T T	KE RIVER # 115 44.3 # DP 17889	# 42 M9.6 # I
* * * * * * * * * * * * * * * * * * *	# 1	NO. 2 4 4 0.00 NO. 4 4 4 0.00 NO. 4 4 4 0.00 NO. 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	SH K K K K K K K K K K K K K K K K K K K	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8ALMON TALCO 4 114 Stage 4 100 8 114 Stage 4 116 Stage 4 116 Stage 4 110 Stage	SNAKE RIVER # 18000 # 1675	N FALLS A 40 NO.55 & I SNAKE RIVER & 115 44.54 & OP 4 17509	# 42 M9.6 # I SALMON FALLS # 114 512.9 # 109.
* * * * * * * * * * * * * * * * * * *	A CALITING CO. A C	MIN	* 4 45 55 0 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T # 6° AR WAYEN STAN TO THE WAYEN WAN WAN WAN WAN WAN WAN WAN WAN WAN WA	TETON RIVER # 111 Us 1 # IS	8ALMON TALCO 4 114 Stage 4 100 8 114 Stage 4 116 Stage 4 116 Stage 4 110 Stage	SNAKE RIVER # 18000 # 1675	N FALLS A 40 NO.55 & I SNAKE RIVER & 115 44.54 & OP 4 17509	E A LIG SALMON FALLS * 114 512,9 * 109.
* * * * * * * * * * * * * * * * * * *	AAAXXAAAXAAAAXAAAXAAAXAAAAAAAAAAAAAAAA	MIN	A UN UD A A I I I I I I I I I I I I I I I I I	ATVER & 111 1450 A T A CO 410 A T A CO 410 A A T A A CO 4 A A A A A A A A A A A A A A A A A A	ALM 36.55 * T	C	BICKEL # 42 Mish # H THIN FALLS SNAKE RIVER # 114 10.3 # 18	COWER SALMON FALLS * 400 50.55 * THIN FALLS SNAKE RIVER * 115 44.53 * OP TO POWER CO * 17589	TUCERNE A 40 M9.6 A TUCERNE A 40 M9.6 A TUCERNE A 414 518.9 A 10.9.9 A 10.9.9 A 10.9.9
**************************************	A CALITING CO. A C	T 4 0°95 MJ 4 TBVICATH A 000 MJ 4 TBVICA TBVICA TBVICATH A 000 MJ 4 TBVICATH A 000 MJ	* 4 45 55 0 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T # 0 TO WE WE WE WE WILL THE OF THE WORLD A TOWN THE WOR	TETON RIVER # 111 Us 1 # IS	8ALMON TALCO 4 114 Stage 4 100 8 114 Stage 4 116 Stage 4 116 Stage 4 110 Stage	SNAKE RIVER # 18000 # 1675	SALMON FALLS FALLS SNAKE RIVER * 115 44°M * 0P FR CO * 17589	A SALMON TALLOS

DATE 14 FEB 81 NATIONAL HYORDELECTRIC POWER STUDY TIME 22,29,26

E EHCZZE K COCZE K	低 化放射 化化铁铁 医乳状性 化二甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲								
	* * * * *	****	* * * * *	****	****	****	****	* * * * *	
######################################	#	1168.4 6.1463	1055	534 a 51	334,26	1678.3 16.672	CC		371 .54
*****		****	* * * * *	****	****	○50 10	****	* * * * *	* * * *
XZEC X MUUTIS X HUUTIS X HUUTIS X HUUF X WITH X		190100	* * * * *	# # # # #	# # # # #	10066	141600	167000	
K 4 4 6 K 4 4 6 K 8 6 8	K O O O O O O O O O O O O O O O O O O O	M W O O O O O O O O O O O O O O O O O O	19432 19432	O	4 4 4 4 4 6 7 6 7 8	26391 26391	15500 16500	220000	O M M + O M M O M M O M M O M M M M M M
*****	****	****	ON6-	****	4 * * * *	****	****	000	000
# # # # # # # # # # # # # # # # # # #		170.	N M Or Of	10,00	2286.0 228000 200.7	10 40 40 40 40 40 40 40 40 40 40 40 40 40	3 14 W	3000 10.00	10 10 10 10 10 10 10 10 10 10 10 10 10 1
K	# # # # # # # # # # # # # # # # # # #	00 00 00 00 00 00 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	30 IH	20 C C C C C C C C C C C C C C C C C C C	## # # # # # # # # # # # # # # # # # #	2 4 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0 0 0 0 4 4 0 0 0 0 0 1 4 4 0 0 0 0 0 1 4 4 0 0 0 0
*****	* * * * *	*****	* * * * * O * O	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 ****	* * * * * Ø *0 • **	* * * * * * * * *	* * * * * • * * 0	4
A T T T T T T T T T T T T T T T T T T T		* * * * * * * * * * * * * * * * * * *	4 42 28 4 114 4 1171	* * * * * * * * * * * * * * * * * * *	42 12. * 114 43. * 161	4 42 27	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 42 24 0 * 114 18 0
X X X X X X X X X X X X X X X X X X X	* * * * * *	B NAKE RIV * 114	* 42 28 * 42 28 RIVER 0* 114 * 171	U1 →4 3.	SALMON FALLS # 42 CANAL CO * * 114	CANAL PO* 42 2 3 114 4 114 4 114 4 114 4 114 4 114 4 117 4 117	FALLS B # 42 4 SNAKE RIVER # 114	TALLS A SANKE AIVER & 4 400	****
	SAFARARA SAFARA	MILNER BYPASS B * 42 31 TWIN FALLS SNAKE RIV * 114 TWIN FALLS CANAL CO * 14	* 42 28 * 0* 114 * 171	PERRINE + 42 3 THIN FALLS ROCK CREEK + 114	LS * * * *	INE CANAL PO* 42 2 NAKE RIVER O* 114 * 17	UPPER SALMON FALLS B # 42 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	# * * * !

DATE 14 FEB BI NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.26 PAGE 161 OF TABLE 1

**************************************	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	0	4 00 00 00 00 00 00 00 00 00 00 00 00 00	4 C C C C C C C C C C C C C C C C C C C	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0-000 4 0-010000 4 0-01000 4 0-01000 4 0-01000 4 0-01000 4 0-01000 4 0-01000 4 0-01000 4 0-01000 4 0-01000 4 0-01000 4 0-01000 4 0-01000 4 0-010	# # # # O O O O O O O O O O O O O O O O	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *	* * * * *	****	****	****	****	****	****	****	****
* - XXX * - XXX * 0 X X X X X X X X X X X X X X X X X X		2215 2215 33 34 35 35 35 35 35 35 35 35 35 35 35 35 35	60740	1089	0 M M	0 0 0 0 0 0 0 0 4 4	8 4 4 9 1 1 4 4 9 1 1 1 1 1 1 1 1 1 1 1 1	12300 12300	N N N N N N O A A
* 4 * 2 - 4		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	MW W W W W W W W W W W W W W W W W W W	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	00 00 00 00 00 00 00 00 00 00 00 00 00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	MW WW W W W W W W W W W W W W W W W W W	107°0 860000 67°0	M 100 00 00 00 00 00 00 00 00 00 00 00 00
# & & O O O O O O O O O O O O O O O O O	を を を を を を を を を を を を を を	7 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	H HS	T S T S S S S S S S S S S S S S S S S S	E E E E E E E E E E E E E E E E E E E	0 * 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 &	18 810 0	IHCR OP OP 1051	TH SO SU SU SU SU SU SU SU SU SU SU SU SU SU
	1000 A 10	44 40.0 115 42.2	116 3.9 1669	44 18 115 518 3	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 20 20 20 20 20 20 20 20 20 20 20 20 2	45 6-3 114 43-9 470	116 M.S. 626	144 W W W W W W W W W W W W W W W W W W
* %	**************************************	* * * * * * * * * * * * * * * * * * *	NOOTH FORK PA	A STOR BLOOLE AS A STORY BLOOLE BLOOK BLOK	* * * * * * * * * * * * * * * * * * *	SECENT AIVER	8 3 3 3 3 3 3 3 3	ACT FORK PAR	* TOTAPHOSS * CHINDOK * LOCATE * 14 30.9 * N * * IDUOLSS * VALLEY * MIDDLE FORK S* 115 14.2 * IS * SSO.0*
* F Z Z	# *			3		ဓ	¥	ô	
**************************************	ARKARAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAK	BEAR HILL Valley	BOGUS CREEK VALLEY	BOILING SPR VALLEY	BUCKHORN	BUTTERFLY SCOT	CABIN CREEK VALLEY	CASCADE VALLEY BUREC/ID P	* CHINDOK * VALLEY

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,26

SYAREANASARAFARAFARAFARAFARAFARAFARAFARAFARAFAR	数などなななななななななななななななななななななななななななななななななな	# # # # # # # # # # # # # # # # # # #	4 A MUN O O O O O O O O O O O O O O O O O O O	4 4 10 00 00 00 00 00 00 00 00 00 00 00 00	# # T = mmnt = # # # # # # # # # # # # # # # # # #	4 000°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°	7906.9 * * * * * * * * * * * * * * * * * * *	A M GOWWIN	M0000000000000000000000000000000000000
# Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	# # # # # # # * *	* * * * *	****	****	****	****	****		***
*ZEE * # Z Z Z Z X X * F W W X X X X * P W W X X X X * P W W X X X X X X X X X X X X X X X X X		20198 10198	11 14 14 14 14 14 14 14 14 14 14 14 14 1	69791	380 80 100 110	1417	C P P P P S S S S S S S S S S S S S S S S	9 49 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 1	
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		# # # # # CMM TT TT TT	49617 49617 4 49617	# # # # # O M M M M W W	* * * * * * * * * * * * * * * * * * *	1986 1986 1986 1986 1986 1986 1986 1986	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* ON PURT * ON P
**************************************		M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	165.0 91000 104.8 1 1 4 8	210°0 ** 12000 ** 189°9 **	10°01 90°0 44°09°6	004 004 000 4 4 4 4 4	# 0000 # 7.74	130°0 47000 47000 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* E O = E O E O E O E O E O E O E O E O E	**************************************							*****	
* C C C	* * * * * * * * * * * * * * * * * * *	0.	* * * * *		M 4		4	•	
**************************************	* C C C C C C C C C C C C C C C C C C C	H 18 1600.0	ICR OP 340	11 S S S O O	1 H S	0 0 0 0 7		* E	* * * OOOO
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	会 の 会正 Mi 会 せ せ せ ま ま ま ま す せ	50 I,∺ * * * * *	****	 	# # # # # C	****	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # #	* * * * *
**************************************	を	90	~ 100	97	-	7.	ري در در	* * * * *	* * * * *
* * * * * * * * * * * * * * * * * * *	A CARACA A	8 4 45 11 0 4 4 4 6 6 4 4 4 6 6 4 4 4 4 4 4 4 4 4	1	00 H 4 4 4 8 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * 44 40 40 * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 40.00 4 4 4 4 40.00 4 4 4 4 4 4 4	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * *
* * * * * * * * * * * * * * * * * * *	A CARACA A	# 45 11.0 # HORK SA* 115 33.9 # 166	X 44 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	1 4 M 0 0 M 4 4 M 0 0 M M 1 M 4 M 0 0 M M 1 M 4 M 0 0 M M M 4 M 0 0 M M 4 M 0 0 M M 4 M 0 0 M M 0 M M 0 M M 0 M M 0 M M 0 M M M 0 M M M 0 M	* * 44 40 40 * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 444 40.0 # I # 115 41.0 # I IS # 115 41.0 # IS	A 0 0 0 0 44 4 7 7 7 7 7 7 7 7 7 7 7 7 7	* * * * *
* * * * * * * * * * * * * * * * * * *	A CARACA A	# 45 11.0 # HORK SA* 115 33.9 # 166	X 44 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	1 4 M 0 0 M 4 4 M 0 0 M M 1 4 M 0 0 M M 1 M 4 M 0 0 M M 1 M 4 M 0 0 M M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1	* * 44 40 40 * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 444 40.0 # I # 115 41.0 # I IS # 115 41.0 # IS	A 0 0 0 0 44 4 7 7 7 7 7 7 7 7 7 7 7 7 7	* * * * *
* * * * * * * * * * * * * * * * * * *	A CARACA A	8 4 45 11 0 4 4 4 6 6 4 4 4 6 6 4 4 4 4 4 4 4 4 4	1	00 H 4 4 4 8 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * 44 40 0 0 7 X X X X X X X X X X X X X X X X	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 40.00 4 4 4 4 40.00 4 4 4 4 4 4 4	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * *
* * * * * * * * * * * * * * * * * * *	A CARACA A	# 45 11.0 # HORK SA* 115 33.9 # 166	* 44 17.5 * 1CR DEADWOOD RIVE* 115 39.4 * DP * 110 * W	MIDOUR FORK OF 110 14, WA TO MADE A MONTH AND MADE AND MA	A 44 40.0 A F I I I I I I I I I I I I I I I I I I	TABULN A MACHALET AND 11.05 SING B A CO CAN A NO.001 A NO.001 A CO	# 444 40.0 # I # 115 41.0 # I IS # 115 41.0 # IS	T T O OOK TY T T O OOK TY T T O OOK TY T T T O OOK TY T T T O OOK TY T T T T T T T T T T T T T T T T T T	* * * * *
* * * * * * * * * * * * * * * * * * *	SECTION OF A 1904 A 190	# 45 11.0 # HORK SA* 115 33.9 # 166	X 44 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	1 4 M 0 0 M 4 4 M 0 0 M M 1 4 M 0 0 M M 1 M 4 M 0 0 M M 1 M 4 M 0 0 M M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1	* * 44 40 40 * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 444 40.0 # I # 115 41.0 # I IS # 115 41.0 # IS	A 0 0 0 0 44 4 7 7 7 7 7 7 7 7 7 7 7 7 7	* * * * *
* * * * * * * * * * * * * * * * * * *	SECTION OF A ARCHARACT AND TO A CONTRACT OF	* CUMTUX * 45 11.0 * H * VALLEY SCUTH FORK SA* 115 33.9 * 15 * 15 * * 1165 * * * * * * * * * * * * * * * * * * *	* DEADWOOD * 444 17.5 * ICR * VALLEY DEADWOOD RIVE* 115 39.4 * OF * O	A FALL CREEK A TOOLEN FORK OF 1151 14 SU A 15	* HALFWAY 10HNSON CREEK* 115 51.0 * 18 * VALLEY JOHNSON CREEK* 115 51.0 * 18 * A	A HORSETHIEF BASIN A 44 30.3 A RU A VALLEY A LOFISH AND GAME DEPT A 48 A 48 A 44	A ALLEY COUTH FORK CAR 115 41-30 A TO X X X ALLEY COUTH FORK CAR 115 41-30 A TO X X X X X X X X X X X X X X X X X X	* LANDMARK * L4 M0.00 + T * VALLEY JOHNSON CREEK* 1150 W1.85 + 100	* * * * *
**************************************	SECTION OF A 1904 A 190	80UTH FORK SA* 115 33,9 * 10	MUDD	A FALL CREEK A LOOLEN FORK OF 1151 14.55 A NO. A 1157 A NO. A 1157 A NO. A A A NO. A N	A 44 40.0 A F I I I I I I I I I I I I I I I I I I	A HORSETHIEF BASIN A 44 30.3 A RU A VALLEY HORSETHIEF ANA 115 55.5 B R OP A 10 FISH AND GAME DEPT A 48 A 4	A TA O.O. A TA AD.O. A A A A A A A A A A A A A A A A A A	# LANDHARK JOHNSON CREEK* 1150 W1.85 + 150	* LEWTS * 455 6°1 * * 456 6°1 * * * VALLEY * * 114 458,00 * * * * * * * * * * * * * * * * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.27 PAGE 163 OF TABLE 1

# HUD U U Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	在在在在在在中间的,并不是有一个人的,但是不是有一个人的。	****			***		****	****	数 整 整 整 整 整 整 整 整 整 整 整 整 整 整 整 整 整 整 整
######################################	44 44 44 44 44 44 44 44 44 44 44 44 44	RI ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++	1038-1038-11-11-11-11-11-11-11-11-11-11-11-11-11	00.00 00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	66 00 00 00 00 00 00 00 00 00 00 00 00 0	Mind Option opti	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	510004 510004 51301708 8
	** * * * * * * * * * * * * * * * * * *	A A A A A A A A A A A A A A A A A A A	1276 1276 1276 1276 1276 1276 1276 1276	e e e e e	0.00 0.00 0.00 0.00 0.00	# # # # 0 0 0 11 45 11 11		* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
4004000 4448 488 •				0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # O 90 90 O 91 91 O 0 M M.	US U	1.962.0 1.962.0 1.963.	* * * * * * * * * * * * * * * * * * *	67-06-06-06-06-06-06-06-06-06-06-06-06-06-
*****		VI + 60 O W 42 O O O O	4 4 4 4 0 0 0 0 0 0 0 0 0	444 600 600 600 600 844	100 4 100 4 100 4 100 6 100 6 100 100 100 100 100 100 100 100 100 100	MNW 	#### 000° 000° 000° 000° 000°	A & & & & & & & & & & & & & & & & & & &	# # # # # # # # # # # # # # # # # # #
# 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0	4	2 4 4 4 0 0 M	11 00 01 01 01 01 01 01 01 01 01 01 01 0	2 H	11 00 01 01 01 01 01 01 01 01 01 01 01 0	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	1 H 60 10 10 10 10 10 10 10 10 10 10 10 10 10	# # # # # # # # # # # # # # # # # # #
	* * * * *								
# # # # # # # # # # # # # # # # # # #	######################################	44. 44. 44. 44. 44. 44. 44. 44. 44. 44.	44 SI 44 SI 44 44 44 44 44 44 44 44 44 44 44 44 44	2 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	44 15°9 115 572°3 180	44 13.0 ** 115 37.9 ** 194 **	45 115 115 115 115 115 115	44 40 2 115 9 9 0 4 450 450 450 450 450 450 450 450 450	44 42.0 115 7.1 659
* * * * * * *	* * * * * * * * * * * * * * * * * * *	80 EV	e4 25 e4		4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 13. 15 37	5 12 15 48 11 11 48	o 4 • € 10	* * # * * *
* * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	**************************************	# # # # # # # # # # # # # # # # # # #	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A 44 14 14 14 14 14 14 14 14 14 14 14 14	RIVER * 115 48	* 44 40 * 140 40 * 110 40	* * # * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,27 PAGE 164 OF TABLE 1

TARKARA POLICIONAL ARTO RECONSTENS AND RECONSTRUCT ARTO RECONSTENS AND RECONSTRUCT ARTO RECONSTRUCT ARTORNAL REC	# # #								**************************************
20246	* *								•
	K K K K K K K K K K K K K K K K K K K								•
	* *								
	*								•
1	# K								
*****	* * * * *	****	****	****	****	****	****		****
	* W	2.0	6. 36 44.26	e-40 ku tan		6 8	7-6	00	844,11
10000 X X X X X X X X X X X X X X X X X	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3003.0 102.17	0 4 4	2752. 19.36.	7 48 62.5	363.	34.4		844.11
1	*	Mi	va do	ัณ 🗝	P- 0	M 4			œ ⊶ ;
* * * * * * * * * * * * * * * * * * *	* * * * * * *	****	****	* * * * *	****	****	***	****	****
* © > >	* 10 Hz	ONIN	000	044	000	770	440	800	7203
		0 10 0 10 0 10 0 10 0 10 0	71.0	14214	11980	~~	11227	2417000	27.
XXC 10101000 10 * *XXX	K K	it it		44				# # W W	
######################################	k *	****	****		****	****	****	****	****
	. O	ဝတ္တ	074	000	000	367	0.00	200	100 100 100 100 100 100 100 100 100 100
KAMP KAMP KAMP KAMP KAMP KAMP KAMP KAMP	# MM	6709 6709	44	0 28860 28860	267	M W	2 4 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5400 5400	10 10 10 10 10 10 10 10 10 10 10 10 10 1
#	# #			N N				N N	
HU-	k k								
	*		****	****	****	****	****	****	***
	000	000	oom	0010	000	0011	004	000	000
# # # # F F F	1000	3120 3120 3120 400 400	10.0 90 49.3	10.0 90	10.0 90.0 989.0	0.01	10. 539.	42670°C	0 6
EDICE		PT	•	4	•	4	in.	4 4 4 4	1
2	* * * *	* * * * *	****	****	****	****	* * * * *	****	****
	* 6								
1 a a	, in	•	0.0	0	4	ċ	ō	7.6	
0	# KO	.0251	160.	1300.0	184	10.0	300°0	80 44 0	695.
A VE C C C C C C C C C C C C C C C C C C	* 1/1	18 1820.0	9	ILL OOM	## ## ## ## ## ## ## ## ## ## ## ## ##	1 H	IS MOO.	•	10°0
######################################	# 170 # 400 #	# # # # # # # # # # # # # # # # # # #	8 160	α.	ø	တ		80 44 0	* * * * * * * * * * * *
****		*****	4 * * * * * * * * * * * * * * * * * * *	1 k	#####	# * * * * * * * * *	****	***** CD # CD # CD # CD # CD # CD # CD # CD #	****
****		*****	118 118	0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	#####	0 1 H	SH SE	***** CD # CD # CD # CD # CD # CD # CD # CD #	****
****		15 6-3 H H 1010 H 100 H	1.99 X X M M M M M M M M M M M M M M M M M	24.00.00.00.00.00.00.00.00.00.00.00.00.00	T T T T T T T T T T T T T T T T T T T	2 M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	SH SE	50.1 * T. 5.00.1 * T. 5.00.0 * 0.00.0 * 0.18.04.0	****
# # # # # # # # # # # # # # # # # # #	* IN ** ** ** ** ** ** ** ** ** ** ** ** **	4.05 60 W H H 115 W 4.0 W H H 1010 W H H 1010 W H H 100 W H H 100 W H H 100 W	116 U 10 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	116 0°0 * T	00 T # # # # # # # # # # # # # # # # # #	T # # # # # # # # # # # # # # # # # # #	2.2 2.2 3.1 3.2 3.2 3.2 3.2 3.2 3.3 3.3 3.3 3.3 3.3	50.1 * T 5 55 54 50 5 4 50 50 5 5 5 5 5 5 5 5 5	# 44 WD. 9 # # 116 41. 9 # # 110 41. 4 # 110 # # # 110 # # # # 110 # # # # 110 # # # #
######################################	# # # # # # # # # # # # # # # # # # #	6A* 115 5° 3 * 15 1010 * 15 1010 * 15 1010 * 100	1.99 X X M M M M M M M M M M M M M M M M M	44 12.0 # H 116 0.0 # FP	7. 4. 4.5. 6.0.1	T # # # # # # # # # # # # # # # # # # #	SH SE	* 44 50.1 * I * 116 54.0 * OP * 72590 * *16349	# 44 WD.9 9 # # 116 411.9 # # WD.09 # # # WD.09 # #
######################################	# # # # # # # # # # # # # # # # # # #	6A* 115 5° 3 * 15 1010 * 15 1010 * 15 1010 * 100	** 455 1.09 * I PA* 116 M.O * 18 ** 66 * 180 **	DAT 1.44 1.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7. 4. 4.5. 6.0.1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 44 50.1 * I * 116 54.0 * OP * 72590 * *16349	# 44 WD.9 9 # # 116 411.9 # # WD.09 # # # WD.09 # #
######################################	# # # # # # # # # # # # # # # # # # #	# 4 UN D. # # TDRK GA # 11 UN WY. O # 11 UN WY. O # 11 UN WY. O # 11 UN W # # # # # # # # # # # # # # # # # #	FORK PAY 116 W.O # IS 66 # 1800	FORK PA* 116 0.00 FF	# 455 6.1 # X	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	# 44 50.1 # H RIVER # 116 54.0 # OP # 72590 # #18949	# 44 WD.9 9 # # 116 411.9 # # WD.09 # # # WD.09 # #
######################################	# # # # # # # # # # # # # # # # # # #	# 4 UN D. # # TDRK GA # 11 UN WY. O # 11 UN WY. O # 11 UN WY. O # 11 UN W # # # # # # # # # # # # # # # # # #	FORK PAY 116 W.O # IS 66 # 1800	FORK PA* 116 0.00 FF	# 455 6.1 # X	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	# 44 50.1 # H RIVER # 116 54.0 # OP # 72590 # #18949	# 44 WD.9 9 # # 116 411.9 # # WD.09 # # # WD.09 # #
######################################	# # # # # # # # # # # # # # # # # # #	6A* 115 5° 3 * 15 1010 * 15 1010 * 15 1010 * 100	** 455 1.09 * I PA* 116 M.O * 18 ** 66 * 180 **	DAT 1.44 1.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7. 4. 4.5. 6.0.1	T # # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 44 50.1 * I * 116 54.0 * OP * 72590 * *16349	# 44 WD.9 9 # # 116 411.9 # # WD.09 # # # WD.09 # #
######################################	# # # # # # # # # # # # # # # # # # #	# 45 6-34 F F SGUTH FORK SA* 115 37-0 + 18	FORK PAY 116 W.O # IS 66 # 1800	* 44 12.0 * I	SECTION A 1155 CONTROL OF THE TANK THE	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	# 44 50.1 # H RIVER # 116 54.0 # OP # 72590 # #18949	# 44 WD.9 9 # # 116 411.9 # # WD.09 # # # WD.09 # #
######################################	# # # # # # # # # # # # # # # # # # #	# 45 6-34 F F SGUTH FORK SA* 115 37-0 + 18	* 450 1.9 * II NORTH FORK PA* 116 M.O. * 180 * 66 * 160	* 44 12.0 * I	SECTION A 1155 CONTROL OF THE TANK THE	# 44 16 96 # T ENTERNATION WAS A 10 WILL WAS	* 44 MP.O * T T T M M M M M M M M M M M M M M M M	SNAKE RIVER # 116 SI4.0 # ONAKE RIVER # 116 SI4.0 # OP	# 44 WD.9 9 # # 116 411.9 # # WD.09 # # # WD.09 # #
######################################	######################################	# 45 6-34 F F SGUTH FORK SA* 115 37-0 + 18	* 450 1.9 * II NORTH FORK PA* 116 M.O. * 180 * 66 * 160	* 44 12.0 * I	SECTION A 1155 CONTROL OF THE TANK THE	# 44 16 96 # T ENTERNATION WAS A 10 WILL WAS	* 44 50,0 * I * 44 50,0 * I * 115 31,0 * IS	SNAKE RIVER # 116 SI4.0 # ONAKE RIVER # 116 SI4.0 # OP	# 44 WD.9 9 # # 116 411.9 # # WD.09 # # # WD.09 # #
######################################	######################################	# 45 6-34 F F SGUTH FORK SA* 115 37-0 + 18	* 450 1.9 * II NORTH FORK PA* 116 M.O. * 180 * 66 * 160	SCRIVER NORTH FORK PAR 116 0.0 4 FP	SECTION A 1155 CONTROL OF THE TANK THE	# 44 16 96 # T ENTREM 115 37 6 9 # T ENTREM 115 37 6 9 # 10 37 6 9 # 10 4 9 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	* 44 50,0 * I * 44 50,0 * I * 115 31,0 * IS	SNAKE RIVER # 116 SI4.0 # ONAKE RIVER # 116 SI4.0 # OP	# 44 WD.9 9 # # 116 411.9 # # WD.9 # # # # WD.9 # # # # # # # # # # # # # # # # # # #
######################################	######################################	# 45 6-34 F F SGUTH FORK SA* 115 37-0 + 18	* 450 1.9 * II NORTH FORK PA* 116 M.O. * 180 * 66 * 160	SCRIVER NORTH FORK PAR 116 0.0 4 FP	SECTION A 1155 CONTROL OF THE TANK THE	# 44 16 96 # T ENTREM 115 37 6 9 # T ENTREM 115 37 6 9 # 10 37 6 9 # 10 4 9 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	* 44 50,0 * I * 44 50,0 * I * 115 31,0 * IS	SNAKE RIVER # 116 SI4.0 # ONAKE RIVER # 116 SI4.0 # OP	# 44 WD.9 9 # # 116 411.9 # # WD.9 # # # # WD.9 # # # # # # # # # # # # # # # # # # #
######################################	# # # # # # # # # # # # # # # # # # #	TAILHOLT-SCOTT SOUTH FORK SA. 115 37.0 + 18 VALLEY	FORK PAY 116 W.O # IS 66 # 1800	UPPER SCRIVER AGRIH FORK PAR 116 0.0 * FP VALLEY 893 * 893 * *	WHANGDOODLE # 45 6.1 * H VALLEY SECESH RIVER * 115 45.3 * 10	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 44 MP.O * T T T M M M M M M M M M M M M M M M M	TON SNAKE RIVER # 116 54.0 # TEN490 # #1634.9	# 44 WD.9 9 # # 116 411.9 # # WD.9 # # # # WD.9 # # # # # # # # # # # # # # # # # # #
######################################	SASSACTION OF THE CONTRACT OF	* TAILHOLT SCOTT * 455 6.3 * H * VALLEY SOUTH FORK SA* 115 37.0 * 18 * 1010 * * * 1010 * * * * * * * * * * *	* UPPER LAKE * 445 1.9 * H * VALLEY NORTH FORK PA* 116 3.0 * 180 * 66 * 160	* 44 12.0 * H * UPPER SCRIVER NORTH FORK PAR 116 0.0 * FP * VALLEY 893 * *	* WHANGDOOLE * 45 6.1 * H * WALLEY SECESH RIVER * 115 45.3 * 10 * 115 * 1	A 44 16.9 A T A VALLEY WHITEHAWK CRE# 115 37.9 A 19 A 32 A 4	* YELLOW PINE * 444 58,0 * H * VALLEY E/FORK OF 3/F* 115 31.0 * 1 15 * * 215 *	* * BROWNLEE * * 44 50.1 * II * * * * * * * * * * * * * * * * *	A CAMBRIDGE A STAGER RIVER & 156 41.9 A A WASHINGTON METAGER RIVER & 156 41.9 A A WASHINGTON
######################################	SASSACTION OF THE CONTRACT OF	* TAILHOLT SCOTT * 455 6.3 * H * VALLEY SOUTH FORK SA* 115 37.0 * 18 * 1010 * * * 1010 * * * * * * * * * * *	* UPPER LAKE * 445 1.9 * H * VALLEY NORTH FORK PA* 116 3.0 * 180 * 66 * 160	* 44 12.0 * H * UPPER SCRIVER NORTH FORK PAR 116 0.0 * FP * VALLEY 893 * *	* WHANGDOOLE * 45 6.1 * H * WALLEY SECESH RIVER * 115 45.3 * 10 * 115 * 1	A 44 16.9 A T A VALLEY WHITEHAWK CRE# 115 37.9 A 19 A 32 A 4	* YELLOW PINE * 444 58,0 * H * VALLEY E/FORK OF 3/F* 115 31.0 * 1 15 * * 215 *	* * BROWNLEE * * 44 50.1 * II * * * * * * * * * * * * * * * * *	A CAMBRIDGE A FIGGE RIVER & 156 41.9 A A WASHINGTON AFIGER RIVER & 156 41.9 A A A MOUNTER A MOUNTAIN A MOUNTAIN A MOUNTAIN A MOUNTAIN A
TO NO # PAIMARY CO. INAME OF CHREAT PAINTS TAILED FOR TO NO # PAOLICO! NAME OF CHREAM PAINTS TO CHREAM PAINTS TO CHREAM PAINTS TO CHREAM PLONGITUDE # DR. A CO. E. *	SASSACTION OF THE CONTRACT OF	* TAILHOLT SCOTT * 455 6.3 * H * VALLEY SOUTH FORK SA* 115 37.0 * 18 * 1010 * * * 1010 * * * * * * * * * * *	* UPPER LAKE * 445 1.9 * H * VALLEY NORTH FORK PA* 116 3.0 * 180 * 66 * 160	* 44 12.0 * H * UPPER SCRIVER NORTH FORK PAR 116 0.0 * FP * VALLEY 893 * *	* WHANGDOOLE * 45 6.1 * H * WALLEY SECESH RIVER * 115 45.3 * 10 * 115 * 1	A 44 16.9 A T A VALLEY WHITEHAWK CRE# 115 37.9 A 19	* YELLOW PINE * 444 58,0 * H * VALLEY E/FORK OF 3/F* 115 31.0 * 1 15 * * 215 *	* * BROWNLEE * * 44 50.1 * II * * * * * * * * * * * * * * * * *	A CAMBRIDGE A FIGGE RIVER & 156 41.9 A A WASHINGTON AFIGER RIVER & 156 41.9 A A A MOUNTER A MOUNTAIN A MOUNTAIN A MOUNTAIN A MOUNTAIN A
TO NO # PAIMARY CO. INAME OF CHREAT PAINTS TAILED FOR TO NO # PAOLICO! NAME OF CHREAM PAINTS TO CHREAM PAINTS TO CHREAM PAINTS TO CHREAM PLONGITUDE # DR. A CO. E. *	SASSACTION OF THE CONTRACT OF	* TAILHOLT SCOTT * 455 6.3 * H * VALLEY SOUTH FORK SA* 115 37.0 * 18 * 1010 * * * 1010 * * * * * * * * * * *	* UPPER LAKE * 445 1.9 * H * VALLEY NORTH FORK PA* 116 3.0 * 180 * 66 * 160	DSNPWO342 & UPPER SCRIVER ANDRIH FORK PAK 116 0.0 * FP DRC E * VALLEY NORTH FORK PAK 116 0.0 * FP PAK 116 0.0 * FP	* WHANGDOOLE * 45 6.1 * H * WALLEY SECESH RIVER * 115 45.3 * 10 * 115 * 1	A 44 16.9 A T A VALLEY WHITEHAWK CRE# 115 37.9 A 19	* YELLOW PINE * 444 58,0 * H * VALLEY E/FORK OF 3/F* 115 31.0 * 1 15 * * 215 *	* * BROWNLEE * * 44 50.1 * II * * * * * * * * * * * * * * * * *	DSNPWD379 # CAMBRIDGE # 44 32.9 # IDUO301 # WASHINGTON WEISER RIVER # 116 41.9 # DRC I # 15 41.9 #
A PAIMARY CO. BANKARANANANANANANANANANANANANANANANANANA	SANTANANANANANANANANANANANANANANANANANAN	TAILHOLT-SCOTT SOUTH FORK SA. 115 37.0 + 18 VALLEY	MOSES UPPER LAKE NORTH FORK PAY 116 M.C + 180 AC 1 180 AC 1 180 AC 1 AC	THE VALLEY NORTH FORK PAR 116 0.0 F FF	SSG A WHANGDOOLE A 45 6.1 * T 36 A VALLEY GECESH RIVER & 115 45.3 * 10 1 A 115 & 1	A 44 16.9 A T A VALLEY WHITEHAWK CREA 115 37.9 A 19 A	157 * YELLOW PINE * 44 50,0 * H 11 * VALLEY E/FORK OF S/F* 115 31.0 * IS I * 215 * * * * * * * * * * * * * * * * * * *	IDINPWO380 * BROWNLEE * 444 50.1 * H IDOOD56 * WASHINGTON SNAKE RIVER * 116 54.0 * OP 5 OFC I * ID POWER CO * * 18349	# 44 WD.9 9 # # 116 411.9 # # WD.9 # # # # WD.9 # # # # # # # # # # # # # # # # # # #

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.27 PAGE 165 OF TABLE 1

TATAKA TA	***************************************	****	****	****	***
7000 - 10	** * * * * * * * * * * * * * * * * * *	10007 444 4444 4	100 mm m	01 00 00 00	4 # # # 0 4 0 4 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5
XXIIII	E	2000 2000 2000 2000 2000 2000 2000 200	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	**** OMM N.M N.M N.M	N N 24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
HMM HOOH O O O O C X X X X X X X X X X X X X X X X X X X	# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 0 177940 147940 177940	2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	***** OIN IN OIN IN	0.0000
*****		1 W W W W W W W W W W W W W W W W W W W	# # # # # 000 #	4 4 4 4 4 4	M M M M M M M M M M M M M M M M M M M
	* * O = S C C C C C C C C C	1000 01 1100 01 01	######################################	# # # # # # # # # # # # # # # # # # #	H CO
m m	######################################	44 15.0 *	44 37.4 116 36.4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	116 35°8 #
	######################################	######################################	* * * * * CC CC CD FILE 3	TANN CREEK	* PADDOCK VALLEY * WASHINGTON: LITTLE WILLOW* * LITTLE WILLOW IRR DIST
PRIMARY CO.	**************************************	GALL DWAY WASHINGTON	GOODRICH	MANN CREEK MASHINGTON DOI USBR	PADDOCK VALLEY WASHINGTON' LITTLE WILLOW
# FM 10 NO # PRIMARY CO # 10 M GHRAP ACTV DEP' # PRIMARY CO # 10 NO # PRIMARY CO # 10 MNER OF GHRAP CO E # 10 NO # 11 E #	A MONOTORNA A ROMOTORNA A ROMO	* ID6NPW0377 * ID00014 * * ID00014 * * * * * * * * * * * * * * * * * * *	* TDEONOWYS * TDEONOYS * TDEONOS * TDEONOYS * TDEONOS * TDEONOYS * TDEONOYS *	# ID6NPW0385 # ID000885 # # S DRC I # #	# IDCNPWOMBM # IDCORSO # # DRC I #

SCALE DEVELOPMENT SMAL ACOITIONAL > O 0 O Z STATE . . CAPACITY PRIFIAL I HYDROFLECTRIC z PHYSICAL

在 在 在	在 在 在 在 在	# H	# (UW) # (A)	K 02 K 00			0.0	<u> </u>
**	* E				*****	* * * * * * O * O	*****	S Z AND ATT) T#HDUK)
***	* Z	KHZO KHZO	# W M # # # # # # # # # # # # # # # # #	K 03 K 03 K 03 K 03 K 03 K 03 K 03 K 03			00 00 00 00 00 00 00 00 00 00	COLUMN CMEGAW GIGAWAT
* * * * * * * * * * * * * * * * * * * *			* 0.0 * 0.0 * 30 • * 30 • * 4 * 4 * 4					00 00 00 00 00 00 00 00 00 00 00 00 00
· · · · · · · · · · · · · ·	*		*	K (U) K (M) K	* * * * * * * * * * * * * * * * * * *		M00 44444 4444	CAPACITY (GIVEN HEAD
* * * * * * * * * * * * * * * * * * * *	k k k 3 - k 2 - k	X X X X X X X X X X X X X X X X X X X		0	* * * * * * * * * * * * * * * * * * *	0	9 0	1 A B B B B B B B B B B B B B B B B B B
* 4	k 3 -	KW OIT	K MU K MU K MU K MU K K K K K K M MU K K K K K K K MU K MU	* * * * * * * * * * * * * * * * * * *	***** 	* * * * * C	7 % 1 % 4 % 4 % 4 % 4 % 4 % 4 % 4 % 4 % 4	E S C C C C C C C C C C C C C C C C C C
# CA A	k ;	X X X X X X X X X X X X X X X X X X X	• 0 1			0	* * * * * * * * * * * * * * * * * * *	SUN OF ENE
# Z	k -	101 101 100 100 100 100 100 100 100 100	* * * * * * * * * * * * * * * * * * *		*****	0	* * * * * * * * * * * * * * * * * * *	
*	K 3	DODENA POTENA GOAPA				0	0	
* 2		K			0 0	0 0	* * * * * * ******* ******************	6
在		E C C C C C C C C C C C C C C C C C C C	0 0		* # # * * O O	C C	0 0	EXISTING DA AT EXISTING UNDEVELOPED
1. 在 安 安 安 安 安 安 安 安 安 安 安 安 安 安 安 安 安 安			x	* * * * * * * * * * * * * * * * * * *			* * * * * * * * * * * * * * * * * * *	4 7 4
· · · · · · · · · · · · · · · · · · ·	K R 3 R 1	PONT PONT PONT PONT PONT PONT PONT PONT					* * * * *	A C C A C C C C C C C C C C C C C C C C
我是我是我们我们的我们的 化二甲基苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基		REFERENCE OF THE PROPERTY OF T		* () *			(* * * * * * * * * * * * * * * * * * *	STALLE CREMEN TENTIA
***************************************		* * * * * * * * * * * * * * * * * * *	20 0 20 0 20 0	K :			*****	HI H
* 10+	. ZO 0) 3 I		X Z O M	**************************************		01AL *CAPCTY* 13.7*	U DOLUMN COLUMN COLUMN
* * * * * * * * * * * * * * * * * * *	1L is H Z	- ⊷ائسان ا	0-19	* * * * * * * * * * * * * * * * * * *	o o	001		

* * **************************

DEVELOPMENT ADDITIONAL > 00 0x 01 2 نعا л С N N **6** POTENTIAL STATE CAPACITY ш т ⊢ PHYSICAL HYDROELECTRIC *z*

经存货 医克勒氏管 医克勒氏管	1 1 1	M D D D D D D D D D D D D D D D D D D D						AND 3)
化有效物质的	Q 1	X A A A A A A A A A A A A A A A A A A A	K	* * * * * * * * * * * * * * * * * * *	* * * # * * *		1.00 1.00 4.40 4.44 4.44	COLUMNS
医催化 医食 整	7 1 1 1	M	0 2 0 2 0 0 0 2 0 0 0		C C C C C C C C C C C C C C C C C C C	000	00 10 10 10 10 10 10 10 10 10 10 10 10 1	CO CA
***	***	A D A	k ⇔0-W i			***** *****	**************************************	A PC C C C C C C C C C C C C C C C C C C
* * * * * *	TAN UN H			000		000	000	
32 # 32 #	EATER	M M M M M M M M M M M M M M M M M M M	x → 100 + 1		00	* * * * * 000	* 有 多 求 茶 · · · · · · · · · · · · · · · · · ·	6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
0 * * O * * O * * O * * O * * O * O * O	_	# Z U 1	00	000	000	000		
10000000010101010101010101010101010101	* * *	P 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		- M 4			r wi g⊓ i	0 EL0
*	3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	2000 2000 2000 2000 2000	K 00 1				*****	ж ш ж о ж ы оош
TOTENTIAL ********	E I	E N	* 00 * 00 * 00	K	K GO'		E MI	K
***	1	EXH EXH ENCO ENCO ENCO ENCO					000	AT EXISTIN
· 教育	**	* * * * * * * * * * * * * * * * * * *		* 0.4	*	*	* 0.4 * 0.4	
* *	E I	A TAGO WATER OF THE STATE OF TH	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* (* ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;		EXISTING HYDROPOWER INDIVIDING POTENTIAL POTENTIAL
发射的复数形式的复数形式的复数形式的现在分词	3 X X X	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 0.0 # 0.0 # 0.0 * M.4.0	* * * * * * * * * * * * * * * * * * *	* *	*	NOTE 100
**	- 1	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 11 H H K * - 02 M
* * * * * * * * * * * * * * * * * * *	പം വ	H Z H Z	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	*
		u lus I	* # * * C	* 10 * 0 * 7	* 0° * 0° * 1	* A	* * LO +	· · · · · · · · · · · · · · · · · · ·

1 10 NO * 10 N	PRIMARY CO. INAME OF STREAMED	y		CO M.M)	* * * * *	AVE. 0 **	A AVE. G ANTX. G107. A AVE. G ANTX. TO. CT. A AVE. CT. A	# # # # # # # # # # # # # # # # # # #	**INC. ENEMBY*ENERGY COOT* ERC NONECONOMICS ** (MAC COLPOSITE **) **	ENERGY COST (1000 8)	FRO NON FEET OF STATE	RANDING SERVICE SERVIC
*********** **************************	**************************************	***************************************	-	* * * * * * * * * * * * * * * * * * *	* * * * *	116 0 0 m	# # # # # # # # # # # # # # # # # # #	E C C C C	** * * * * * * * * * * * * * * * * * *	**************************************	化性性性 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	***
TL60PL0005 * ILU0354 * 5 DPC *	CLAV	THE WARAGE TO A SERVICE TO A SE	80 60 M 80	13.7 13.2 16.6 16.6		. * * * * * ** ** ** ** **	0 0 0 0 m	2 4 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	30 to 10 to		
TLEDRLOGO2 * ILUG346 * S DRC I *	WILCOX BRIDGE CLAY	A A I K EABAST NI A A A A A A A A A A A A A A A A A A	66 86	28.6	***	*****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		****	11025612462246	****	****
ILALMSOOO5 * ILOO113 * O DRC D *	CARLYLE DAM CLINTON SLD	X A 90 K HA B B M W W W W W W W W W W W W W W W W W	60 G	25.00 20.00 20.00	UH :****	* * * * * * * * * * * * * * * * * * *	6 4 000			1016 44 1016 1016 1016	2017	2017
TLEARLOONS ** TLUOSSS ** S DRC **	LINCOLN LAKE CUMBERLAND	E AND	67-66 M) 60	20 10 10 10 10 10	****	**************************************	112.0 471000 57.9		*********	3971.0		. * * * * *
ILMNCC0168 * IL00002 * 1 DRC I *	DRESDEN ISLAND GRUNDY DAEN NCC	TLLINGIS RIVER A A A A A A A A A A A A A A A A A A A	4.60	24.0 16.8 7279	20	# # # # # # # # # # # # # # # # # # #	18 8 0 0008 1 8 0	0 0 0 0 mm	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	######################################	0 10 0	10 10 8 8 8 8
TLGNCC0107 * IL00908 * 1	DAYTON DAM LA SALLE N. COUNTIES HY	FOX BIVER **	21 60 40	0.2 m 4.0 m 4.0 c	****	100 M + 4 M	M 40 10 00 10 00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	© ©	# # # # # 0 0 4 4	2001
ILGNCCOIOS * ILOOOOS * 1 DRC I *	MARREILLES DAM LA SALLE DAEN NCC	**#INDIS BICE	4.60 4.60	19.1 42.6 8250	201	7.00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	에 작 작 한 4 분 0 0 년	2000 0000 2000 2000 2000 2000	* * * * * * * * * * * * * * * * * * *	1170°B	100	1021
ILMNCC0106 * IL00004 * 1	* STARVED ROCK D. * LA SALLE DAEN NOT	DAM JLLINDIS RIVE	138	~ M .	***	* * *	N 4	100000000000000000000000000000000000000	# # # # # # # # # # # # # # # # # # #		1035	***

NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18530
PAGE 40 DF TABLE 1 DATE 15 FEB 81

A constitution of the cons

FM 2 ID NO * ACTV DEP * CODE CODE * STATUS *	IO NO & PRIMARY CO. TNAME IO NO & PRIMARY CO. TNAME CODE & CODE & TUS &	Œ	* CONSTANT C	THE SECOND	AVE. O PERM. IO	* * * * * * * * * * * * * * * * * * *	A & & & & & & & & & & & & & & & & & & &	A * * * * * * * * * * * * * * * * * * *	(1000 S)	ALIZANIA SERVICIO CONTROLO CON	THOUSE CX
######################################	**************************************	**************************************	# # # # # # # # # # # # # # # # # # #	* C G C C C C C C C C C C C C C C C C C	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * O O O O O O O O O O O O O O O O O O O	######################################	* 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 2 2 3 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1020 1020 1020 1020	
TLALMSOO18 * ILCO116 * O DRC D *	LOCKS AND DAM Mantson SLO	A Edd Heat as 12	# # # # # # O == # O == # O == # O ==	80	2 C I	7- 20- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0- 0	SE S	10 mm 44 mm 50 mm 60 mm 60 mm 64 mm 44 mm	9092 16.74 18.74	1022	<i>.</i>
1160RL0012 * 11U0347 * 5 DRC *	H AARE WAS A CON	SKILLET FK	ma ee ne	M 44 44 44 44 44 44 44 44 44 44 44 44 44	17100	77.0 171600 44.0 44.0 44.0	000	0 44	4 M • 60 • 60 • 60 • 7		****
ILALMS0025 * IL00115 * 0 DRC 0 *	KASKASKIA RIVER RANDOLPH SLD	NAVIGATION NAVAOKHA NAVA	50 G 70 E	0 1 10 0 4 10 0 0 0	00 44227.7*	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * C PR MI		** W	2007	*****
TLHNCROOO9 * ILOO798 *	HOLTNE GENERAL ROCK ISLAND IONA-IL. GAS +	ING STATION DAR A SYLVAN SLOUGHA	= 0	0 M O	T	**** 000 *9 * Nino	. W . M . M . M . M . M . M . M . M . M	A A A A A A A A A A A A A A A A A A A	044 040 040 040	1017	****
ILMNCROOO6 # ILUO365 # 1 DRC # 1	SEARS DAM ROCK ISLAND	ROCK RIVER	10 10 10 10 10	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	4444	2 4 2 4 2 4 3 4 4 5 5 5		0 III 0 0 0 0 0 0 0 0 0 0	1051	****
ILCNCCOOS4 **	LAKE SPRINGFIELD SANGAGN SANGAGN CITY OF SPRINGFIELD	T T T T T T T T T T T T T T T T T T T	7 M 0 0 M 00	45.0 30.0	* * * * * * * * * * * * * * * * * * *		0 0 60 0 0 60 0 0 60 0 60 0 60		42 46 47 A1 60 6 10 14 10 14	2018	• * * * *
TLALMSOOR9 * TLOO118 * O DRC D *	LAKE SHELBYVILLE SHELBY SLD	LE DAM KASKASKIA RIV	* * * * * * 0. 60	10 44 10 44 10 10 0	200 200 200 200 200 200 200 200 200 200	20 M	12167 12167	100970 100970 100970 100970	962. 31. 50.	1048	• • • • •
ILEGREDOZO * ILUO357 * 5 DRC *	* KICKAPOD * VERMILION	** VERMILION RIV*	4 0 5 F	0.44 0.04		115°0 X	0 60	000	3871.1 563.19		***

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.30 PAGE 41 OF TABLE 1

DZ CI	TENNET TO THE STATE OF THE STAT	:	ATITUDE	*PEGG PURP	# 1		· 电电子电子 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	**********	**************************************	**************************************
CODE	THE BURNED BURNED	* * *	A CO A AREA A A CO A A A CO A A A A CO A A A CO A A A CO A A CO A A CO	A VE CO	T T T T T T T T T T T T T T T T T T T	CKE)	ALNC. FRANCES AND ALCONDENCE AND ALC	ENERGY COST (1000 S)	* ERC NOVEC * ERC CON * (SEDUENCE R	A C C C C C C C C C C C C C C C C C C C
STATUS	4	* *	SE MID	:	* (AC FT * (FT)	•	* * CHRES	CHMELS	* (SEGUENCE RANK) * * (SEGUENCE RANK)*	PANK)
TL6GRL0021 ILU0358 5 DRC	A VERXIIION SALT FORK	# 47 40 # # # # # # 4	20 4 2 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		# # OOOOM # O		**************************************	* * * * * * * * * * * * * * * * * * *	**************************************	**************************************
ILEORLOO19 * ILUO356 *	* VERMILLION DANVILLE * VERMILION VERMILLION R:	. * * * * * 4	7 41.4 973	748.	**************************************	74 4996 4996		4120.080		* * * * * *
ILGBRLOGS * ILUOSSO * S DRC *	ELM RIV MAVNE ELM RIV	M 40	30 M H H H H H H H H H H H H H H H H H H	****	# # # # # # # # # # # # # # # # # # #	000	200	7354376		
ILGNCROOI4 * ILOOB27 * 1 DRC *	* SINTSSIPPI BAYOU * WHITESIDE ROCK RIVER	44.444	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**** 0000 0000 0000 0000 0000 0000 000	44 66 000		728.69 28.69 213	10073	1071
# ILOOOO1 # DRC I # X	BRANDON RD POOL WILL DAEN NCC	* * * * *	1 30.5 8 5.9 1506	# # # # #	**************************************	17848	* * * * * * * * * * * * * * * * * * *	11 0 11 0 11 0 11 0 11 0 11 0 11 0 11	** * * * *	1059
ILGNCC0203 * IL00007 *	LOCKPORT POOL CHICAGO SANITY WELL	* * * * * 2.00	2 20 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3	(0) (0) (0) (0) (0) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	* * * * * * * * * * * * * * * * * * *	13500 11425 24925	* * * * * * * * * * * * * * * * * * *	743.16 839.96	M 00 00 00 00 00 00 00 00 00 00 00 00 00	1023
ILGNCROO17 * ILO0107 *	FORDAM MINNEBAGO ROCK RIVER COMMONWEALTH EDISON CO	* * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T W T W T W T W T W T W T W T W T W T W	* * * * * * O O O O O O O O O O O O O O	2 44 0 44 0 44	* * * * * * * * * * * * * * * * * * *	80 KN 84 KN	* * * * *	1024
* ILGNCROO16 * ILGO106 * 1	ROCKTON WINNEBAGO ROCK RIVER S BELDIT M G+E CO	* * * * *	00 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	1100	* * * * * * * * * * * * * * * * * * *	60	1011	1011

	:

06/61003624 SMALL N E E E ADDITIONAL O Z V 7 0 CAPACITY POTENTIAL HYDROELECTRIC PHYSICAL

ANAMONN FO REALS BILL SI

	* * † *	4 4 4	1 1 1 1 1	1	4 4 4 4 4	4 4 4 4	TOTENHIAL	1	INCREMENTAL	CAPAC	Z 1	が 対 の は は の 対	7 4 4 4 4	4 4 4	4 4 4 4		***
<u>u</u> (- ∢ . Jળ	K K K			K F * * * K K K K K			K 3 K Σ K Q	t K		* * : * : : : : : : : : : : : : : : : :	E E	k	* * *	k 1 k 3 . k Σ	 	r K
	**** DET HZ H>W	* * * * * * * * * * * * * * * * * * *	**************************************	* > 2 A A A A A A A A A A A A A A A A A A	**************************************	* * * Q * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * LOC !	* * * * * * * * * * * * * * * * * * *	* 0 - 0 1	4	* H Z U *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# H N N N N N N N N N N N N N N N N N N
* 0	* ZOM * MCC * MCC * MCC * MCC * MCC * MCC * MCC * MCC	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * *									张	在		
* 0	* BUB * BTP		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	女 *					0							
	* * * * * * * * * * * * * * * * * * *	*	* ************************************		*			0			K PATE I		ະ ຄາທ ເ	0			* M> +
100		*	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	女 在 -		0 0			0	* OUO * OUO * OUO * * * * * *						# ## # # ## # ## # ##
# * * * * * * * * * * * * * * * * * * *	* EC.U	K #131 : K M174 : K K	* * * * * * * * * * * * * * * * * * *	* * * * * * *	* - → *					0 0	* *		k 90 k -		*		י פטיט י
**************************************	**	* ~ UN PO *	*	# # # # # # # # # # # # # # # # # # #	*	TEXTON TO THE TAX TO T	# 1	* (5) * (4) (7)	H O O O U	1		0 F 0 F 0 F 0 F 0 F 0 F 0 F 0 F 0 F 0 F	CAPACITY CONTRACTOR CO	CSUM CO RANGE	COCCHANG COCCHANG COCCHANG	48 2 AND 4411 (410 LR)	6

E V H L C P M R N T ADDITIONAL 0 N N N N N os ac ud z iad: œ ⊐ 3⊾ е В Z Z ENT A L LL. 8 T A T CITY 0 Q. 4 ω x SICAL υ ≃ z ۲ ن E E æ 0 **>**

4			* 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* ** ** ** ** ** ** ** ** ** ** ** ** *	& • # 1	*	6
4	k k ≀	* M M 4 ·						A C
4	TOTAL	* W U 4 :		* * * * * * * * * * * * * * * * * * *		e o	E E E E E E E E E E E E E E E E E E E	COCUMNS TO
1 1 1 1	er K K K K K K	* 50 50 4 ·	* 104				K 80 37 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	COULT AND COULT AND COULT AND COULT COULT AND COULT CO
1 1 1	K K	4 * * * * * * * * * * * * * * * * * * *	* 000 :		* 000			A P P P P P P P P P P P P P P P P P P P
9 9 9 90 9		*		000	000			S FOL
30 10 10 10 10 10 10 10 10 10 10 10 10 10	T E R T	9 8 1		K 000	k 000			. OF M F & H
1	444	* * * D Q 1			k			4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
INCREMENTAL	***	* * * * *	000	K 200 1		000	000	. .
		* * * * * * * * * * * * * * * * * * *		K	k * * +			
POTENTIAL		* * * * * * *	* 00 *				000	*
***************************************		* * LO Z I	000	* • •				EL DPM ENT
***************************************	***	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* 010 * 010 * 100 * 3 443 * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	E MO	* 4	K P	WER DEVEL
	x 3 x Σ x m	* * * * * * * * * * * * * * * * * * *						EXISTING HYDROPOWER ADDITIONAL POTENTIAL
4 4 4	: 3 : 3 : 5 : 5 : 5 : 6 : 6 : 7 : 7 : 7 : 8 : 8 : 8 : 8 : 8 : 8 : 8 : 8 : 8 : 8	* * * * * * * * * * * * * * * * * * *	# 2 M # 2 M # 2 M # 4 M # 4 M		* WO * WO * * WO		K # # # # # # # # # # # # # # # # # # #	K
***************************************	K .	* FFG	* () *	*		* -	M T T T T T T T T T T T T T T T T T T T	r ~ 0:10. r
* * 4	* * * * (20 (- < 10)	33I MZ		* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* 22>>> +	
₩ ~ C	L. (Н Z	•	6	K 0	* 0 ·	001	TOTAL	

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.30 PABLE 1

**************************************	在		****	8 6 6 6 6 SO O O N	000 N	# # # # # # # # # # # # # # # # # # #		10001	* * * * *
* D C C C C C C C C C C C C C C C C C C	**************************************	80 es 80 es 80 es 80 es 80 es	7076. 408. 408.	N 0 N 4 N 0 N 0	w 4 0 6 01 0 0 0 0 0 0 0 0 0 0 0	n di ► 0 ► 0 • 4 • 0 • 1	844 840 80 80 80	948 WB 107	ง เกล เกล เกล เกล
* - M M M M M M M M M M M M M M M M M M	**************************************	W W W W W W W W W W W W W W W W W W W	110049	000	4 4 4 4 4 O	00 00 00 00 00 00 00 00 00 00 00 00 00	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		00 00 00 00 00 00 00 00
*		W W G G G G		444 000 000	4 4 0 0 0	W 18 2 4 6 8 2 6 0 4 0 0 0 4	N N 2 2 2 2 2 3 2 3 4 2 5 5 5	12 12 12 12 12 12 12 12 12 12 12 12 12 1	* * * * * * * * * * * * * * * * * * *
**************************************	**************************************	~ RU C - 20 RU C - 20 C C - 20	######################################	* * * * * * * * * * * * * * * * * * *	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		# # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.000
**************************************	**************************************	040	4100	1800.0	69		****	GR 979	* * * O
LATITUDE LANGITUDE DR.AREDE CD M.M.) (SO M.M.)	E O III E O III E O III E O III	89 14 68 14 69 14 60 14	86 40 40 4100 4100	048 044 844 0081	88 86 86 84 84 84 84 84	2 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.00 0.00 0.00 0.00 0.00 0.00 0.00	000 000 000 000	900 100 100 100 100 100 100 100 100 100
A W W W W W W W W W W W W W W W W W W W	**************************************	CLIFTY CK	* * * * * * * * * * * * * * * * * * *	* ARRO CITED OF A STATE BUNK CARDA CITED OF STATE STATES OF STATES	PATOKA RIVER	ST JOSEPH ST CO TRIC CO	COAL CAR	LAKE EAST FORK OF *	4
**************************************	AAALAA NO 20 BARHHOLOMUK	CLIFTY CK BARTHOLDMEW	DELPHI	CARDALE DAM CAROLL NORTHERN IN	PATOKA LAKE DUBOIS DAEN ORL	ELKHART ELKHART IND=MICH ELE	STLVERWORD FOUNTAIN	BROOKVILLE L FRANKLIN DAEN ORL	OLDRNBURG FRANKLIN
A THE CODE A A CODE A A CODE CODE CODE A A CODE CODE A A CODE CODE A A CODE A CODE A CODE A A CODE A COD	A TOUCOLO A TOUC	* INGER COORS * * INCOORS * * INCOORS * * INCOORS * * * INCOORS * * * * * * * * * * * * * * * * * * *	* INGORLOOSS * INDOORT * INDOORT * *	* INDORLOGES * INDOAS1 * P OFC *	A H NCORLOOMM	* MCOCOBONON H * COCOMON H * C	# HN60RL00WS # HN60RL00WS # INU00SJ # # # # # # # # # # # # # # # # # # #	HUCOROLOGEO HINOMOSTA : HUCOROLA	* INGORLOG37 * DLDENBURG * INUOO39 * FRANKLIN SALT CREEK * 3 DRC * * *******************************

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,30

	_	4					Y			7
E N.	A C Y A	*					1001			化 医外侧线 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性
	E & W F & & W F & & & & & & & & & & & & & & & & & & &	* # #					2			
5525					·					#
		***								*
25	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*								*
ADENINATE PROBLEMS AND APPROPRIES OF STREET PROBLEMS OF STREET PROBLEM	* * * *		***	****	****	****	***	***	***	* * * * *
EXECUTED A POOD OF THE POOD OF		40.5	(U P)	en er	. • · • · • · • · · · · · · · · · · · ·	61 G	4 10	an an	N	9.
: ° ≿ .	1000 S)	200 200 200 200 200 200 200	4 3 3 0 8 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1	7377	0.00	81 80 60 80 81 60	442 81.63 1.63	50 50 50 50 50 50 50 50 50 50 50 50 50 5	6 4 8 1 6 6 6 8 1 6 6 8 1 6 8	37.960
NUL I	(1000 (\$/#	± ~ ~		6 -4	~ ·	4.0	4 W	₩ 4	-0-0	W EU
NO CANDIA		****	***	****	****	****	****	****	***	****
200	5 2	1000	où û	1185	9 9	440	0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0~~	0 m m	000 #
- W	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	* 33		ज ल			in in		ல் ல	*
A CONTRACTOR A CON	5555	*								*
	***	****	****	****	****	****	000	000	094	
1 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2	* ~ ~		MM			7130	777	88. 8.00 9.10 9.10	000# # #
	2333	# #								
XX		# #								*
* * * (***	****	****	***	***	***	***	***	***
	: F	*000	000	- M W	64°0 9000 84°	0 0 0 ±	000 000 000 000	N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-006 -006	0 m o *
E E O	(FT) (AC FT) (FT)	# W W ==	76.0 39900 39.9		40 W	% m =	20.4	# O →	5 80 0 80	N #
THE DAM HT	¥ ~ 2 ~	# N	•	-				Ñ		*
K # # *	* * * *	* * * *	***	* * * * *	* * * *	i c		* * * * * * * * * * * * * * * * * * * *	6	0 *
							P	40.		
* O P	ָרָה װ ַ	* 10 * 01 * 0	87	" 8	21.2	179	707	148	290	7.4
01.PUR	AVE. G	* N	87	•	er 	8 0P 179	07	1148	•	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
	* * * *	*	****	4	* * * * *	7.	R 9 707	* * * * *	•	* * * * * * * * * * * * * * * * * * *
***	* * * *	*	****	**** OO Z OO Z OO Z OO Z	****	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	****	****	****
***	* * * *	*	****	4	****	*****	****	255-7 8 8 1148	•	****
AATTUOE APONE	* * * *	*	*******	2000 2000 2000 2000 2000 2000 2000 200		0 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4.4 + C R 407 + 407 + 407	******	PARRE ARE ARE ARE ARE ARE ARE ARE ARE ARE	****
A CATITUDE 4P	* CN. ANEA A AVE. * CO.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	8	4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# 40 54 4 C R # 409 407 4 109 407	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	# # # # # # # # # # # # # # # # # # #	****
A LATITUDE AP	* * * *	2	* * * * * * * * * * * * * * * * * * *	# # # > HC # # \$ - HC # # # # # # # # # # # # # # # # # # #	CK # 39 36.7 # 4 CK 86 24.8 # 81.0 # 81.0 # 81.0 # 81.0	EX * 40 NO * 40 NO * 4	ER # 40 54.4 # C R # 85 28.0 # OP # 707 # 707	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4
A LATITUDE AP	* * * *	2	**************************************	# # # > HC # # \$ - HC # # # # # # # # # # # # # # # # # # #	# 39 36.7 # - LICK CK# 86 24.81 # - 21.	EX * 40 NO * 40 NO * 4	RIVER # 40 54.4 # C R # 707 # 707	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4
A LATITUDE AP	* * * *	2	**************************************	ALUE TIVE A WOOD A A CONTROL A A A A A A A A A A A A A A A A A A A	# 39 36.7 # - LICK CK# 86 24.81 # - 21.	RESERVOIR * 40 29.2 * 8 -DCAT CREEK* 86 3.0 * 0P S CO * 179 * 179	RIVER # 40 54.4 # C R # 707 # 707	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4
A LATITUDE AP	* 0 X * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	# # # > HC # # \$ - HC # # # # # # # # # # # # # # # # # # #	CK # 39 36.7 # 4 CK 86 24.8 # 81.0 # 81.0 # 81.0 # 81.0	RESERVOIR * 40 29.2 * 8 -DCAT CREEK* 86 3.0 * 0P S CO * 179 * 179	# 40 54.4 # C R #ABASH RIVER # 85 28.0 # OP # 707 # 707	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4
A LATITUDE AP	* 0 X * * * * * * * * * * * * * * * * *	**************************************	**************************************	ALUE TIVE A WOOD A A CONTROL A A A A A A A A A A A A A A A A A A A	# 39 36.7 # - LICK CK# 86 24.81 # - 21.	RESERVOIR * 40 29.2 * 8 -DCAT CREEK* 86 3.0 * 0P S CO * 179 * 179	# 40 54.4 # C R #ABASH RIVER # 85 28.0 # OP # 707 # 707	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4
A LATITUDE AP	* * * *	**************************************	CK * 39 1.1 * 39 1.1 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 *	ALUE TIVE A WOOD A A CONTROL A A A A A A A A A A A A A A A A A A A	* 39 36.7 *	RESERVOIR * 40 29.2 * 8 -DCAT CREEK* 86 3.0 * 0P S CO * 179 * 179	1 A 40 54 4 C R A 40 54 4 C R R A 40 54 4 4 C R R R 1 VER 4 85 28 0 4 DP A 707 4 707 4 707 4 707	* * * * * * * * * * * * * * * * * * *	# W0 40 0 W # # W0 CA # W0 CA # W0 CA # W0 CA # # # W0 CA # # W0 CA # # W0 CA # W0 CA # # # # W0 CA # # # # # W0 CA # # # # # # W0 CA # # # # # W0 CA # # # # # W0 CA # # # # # # # # # # # # # # # # # #	4
A LATITUDE AP	* 0 X * * * * * * * * * * * * * * * * *	**************************************	CK * 39 1.1 * 39 1.1 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 *	# 4 40 4 40 4 40 4 40 4 40 4 40 4 40 4	* 39 36.7 *	WATERUNAKS RESERVOIR # 40 29.2 # 8 WILDCAT CREEK# 86 3.0 # OP WATER WORKS CD # 179 # 17	1 A 40 54 4 C R A 40 54 4 C R R A 40 54 4 4 C R R R 1 VER 4 85 28 0 4 DP A 707 4 707 4 707 4 707	* 48 48.7 * * * * * * * * * * * * * * * * * * *	# W6 446 W # WSCATATUCK R# 855 39 4 4 290 # 290 # 290 # 290 # 299	4
A LATITUDE AP	* 0 X * * * * * * * * * * * * * * * * *	**************************************	CK * 39 1.1 * 39 1.1 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 *	# 39 42.4 # CSR 0CK BIG BLUE RIV # 85 36.6 # DM 0RL # 242 # 24	* 39 36.7 *	WATERUNAKS RESERVOIR # 40 29.2 # 8 WILDCAT CREEK# 86 3.0 # OP WATER WORKS CD # 179 # 17	1 A 40 54 4 C R A 40 54 4 C R R A 40 54 4 4 C R R R 1 VER 4 85 28 0 4 DP A 707 4 707 4 707 4 707	* 48 48.7 * * * * * * * * * * * * * * * * * * *	# W6 446 W # WSCATATUCK R# 855 39 4 4 290 # 290 # 290 # 290 # 299	4
A LATITUDE AP	* 0 X * * * * * * * * * * * * * * * * *	2	CK * 39 1.1 * 39 1.1 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 39 1.1 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 *	A US OLUE AIV A US OLUE AIV A US OLUE AIV A US OLUE AIV A US OLUE A VAN A VAN A A VAN A A A A A A A A A A	# 39 36.7 # - LICK CK# 86 24.81 # - 21.	RESERVOIR * 40 29.2 * 8 -DCAT CREEK* 86 3.0 * 0P S CO * 179 * 179	# 40 54.4 # C R #ABASH RIVER # 85 28.0 # OP # 707 # 707	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4
A LATITUDE AP	* 4 (N° CO) * * * * * * * * * * * * * * * * * * *	AAKAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	# RICHLAND CK # 39 % 1 # # GREENE RICHLAND CK # 86 54.9 # # 87 # # 87 # #	* BIUE * 39 42.4 * CSR * HANCOCK BIG BLUE DIV * BS MO.6 * DN * DAEN DRL * 24.	* MUNRESVILLE * 39 36.7 * * HENDRICKS WHITE LICK CK* 86 24.1 * 21.* * 21.* * 21.* *	* KOKOMO WATERWORKS RESERVOIR * 40 29.2 * 8 * HOWARD WILDCAT CREEK* 86 3.0 * OP * KOKOMO WATER WORKS CO * 179 * 179	* HUNTINGTON LAKE * 40 54.4 * C R * HUNTINGTON KABASH RIVER * 85 28.0 * OP * DAEN ORL * 707 * 707	A MILL PORT A TUSCATATUCK TA GG 4 WG	A DEBLITY A MUSCATATUCK RA 40° M B RA9°	4
A LATITUDE AP	* 4 MM 4 MM 6 M 6 M 6 M 6 M 6 M 6 M 6 M 6	AAKAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	# RICHLAND CK # 39 % 1 # # GREENE RICHLAND CK # 86 54.9 # # 87 # # 87 # #	* BIUE * 39 42.4 * CSR * HANCOCK BIG BLUE DIV * BS MO.6 * DN * DAEN DRL * 24.	* MUNRESVILLE * 39 36.7 * * HENDRICKS WHITE LICK CK* 86 24.1 * 21.* * 21.* * 21.* *	* KOKOMO WATERWORKS RESERVOIR * 40 29.2 * 8 * HOWARD WILDCAT CREEK* 86 3.0 * OP * KOKOMO WATER WORKS CO * 179 * 179	* HUNTINGTON LAKE * 40 54.4 * C R * HUNTINGTON KABASH RIVER * 85 28.0 * OP * DAEN ORL * 707 * 707	A MILL PORT A TUSCATATUCK TA GG 4 WG	A DEBLITY A MUSCATATUCK RA 40° M B RA9°	4
REPRESENTATION OF THE PARTY OF	DEN A DEN ANTER A DESPARA A CONTRA A CONTRA A LE RA DE A CONTRA A	AAKAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	# RICHLAND CK # 39 % 1 # # GREENE RICHLAND CK # 86 54.9 # # 87 # # 87 # #	* BIUE * 39 42.4 * CSR * HANCOCK BIG BLUE DIV * BS MO.6 * DN * DAEN DRL * 24.	* MUNRESVILLE * 39 36.7 * * HENDRICKS WHITE LICK CK* 86 24.1 * 21.* * 21.* * 21.* *	* KOKOMO WATERWORKS RESERVOIR * 40 29.2 * 8 * HOWARD WILDCAT CREEK* 86 3.0 * OP * KOKOMO WATER WORKS CO * 179 * 179	* HUNTINGTON LAKE * 40 54.4 * C R * HUNTINGTON KABASH RIVER * 85 28.0 * OP * DAEN ORL * 707 * 707	A MILL PORT A TUSCATATUCK TA GG 4 WG	A DEBLITY A MUSCATATUCK RA 40° M B RA9°	4
REPRESENTATION OF THE PARTY OF	* 4 (N° CO) * * * * * * * * * * * * * * * * * * *	ANGRAGARARARARARARARARARARARARARARARARAR	142 * RICHLAND CK * 39 1.1 * 19 * 6 1.1 * 19 * 6 1.1 * 19 * 6 1.1 * 19 * 6 1.1 * 19 * 6 1.1 * 19 * 19 * 19 * 19 * 19 * 19 * 19	A MANGOCK BIG BLUE RIV + 85 40.4 + CSR IS * HANGOCK BIG BLUE RIV + 85 36.6 + DM I * DAEN ORL * 24	207 * MURRESVILLE * 39 36.7 * 28 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 *	THE THE THE TERMINERS RESERVOIR # 40 29.2 # 8 MILDCAT CREEK# 86 3.0 # 07 # 17 # 17 # 17 # 17	A 40 54.4 % C R 52 % HUNTINGTON LAKE 40 54.4 % C R 56 % HUNTINGTON WABASH RIVER & 85 28.0 % OP 707 % 707 %	A MILLPORT AUSCATATUCK 78 45.7 4 11.46 4 11.46 4 11.46 4 11.46 4 11.46 4 11.46 4 11.46	# 154 # DEDITY # 148CATATUCK R# 65 46.3 # 129 # 10 # 129 # 14 # 129 # 129 # 129 # 129 # 129 # 129 # 129	# M. OO 12. 4 # M. OO 1

CATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.30 PAGE 44 OF TABLE 1

NANCO ON STORM OF STO	在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在	* * * * * * * * * * * * * * * * * * *					***
######################################	**************************************	N.G 2.G 	U.W.	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	4.0 (4.0 (4.0 (4.0)		20 C
**************************************	**************************************	# # # # # # # # # # # # # # # # # # #					O P P
** AXX ** AXX	# # # # # # # # # # # # # # # # # # #		**************************************	44 0 00 00 00 00 00 00 00 00 00 00 00 00 0			# # # # COO
A A A A A A A A A A A A A A A A A A A		10 00 00 00 00 00 00 00 00 00 00 00 00 0	W W Find	# # # # # # # # # # # # # # # # # # #		M	2 3 4 0 0 4 0 0 0 0
**************************************	# # # # # # # # # # # # # # # # # # #	00 00 00 00 00 00 00 00 00 00 00 00 00 00	ผู	* * * * * * * * * * * * * * * * * * *	2 4 4 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		4 4 4 6 C C C C C C C C C C C C C C C C
######################################	# # # # # # # # # # # # # # # # # # #	w w w w w w w w w w w w w w w w w w w	* * *	* * * * * * * * * * * * * * * * * * *	20-20 4 21-21-21 1 01-30-0-1	2 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
**************************************	ARABARARARARARARARARARARARARARARARARARA	EAGLE CREEK RESERVOIR MARTON EAGLE CREEK DEPT PUBLIC WORK INDPLS. GEIST RESERVOIR TARTON TALL CREEK TANDPLS. WATER CO.	HIGHLAND LAKE Harton	AAATIN LOOT RIV *		MIANI REEL TIVERS A TIONISE A TIONIS	A INCORLOGI & LAKE LEMON & BEAN BLOSSOM & S. ORC & CITY OF BLOCKINGTON &
######################################	A A A A A A A A A A A A A A A A A A A	INCORLO064 * * * * * * * * * * * * * * * * * * *	INGCRLOO63 * INJOOS2 * S	INSORLOOST * INDOORS * SORC *	INGUREOOSE * INUOOOSE * E DRC * E E E E E E E E E E E E E E E E E E	N N N N N N N N N N N N N N N N N N N	TNCORLOGY1 # INDOO10 #

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,31 PAGE 45 OF TABLE 1

		****	* * * * *	000000000000000000000000000000000000000	* * * * *	***	000	N 0 0	
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4	4 * * * * *		* * * * * * O IN • IN • O •	# # # # # # # # # # # # # # # # # # #	M → 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	73,900 * 73,900 * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
######################################	* * * * *	****	* * * * *		* * * * *	****	****	****	* * * *
KMHH KM O O C T T T T T T T T T T T T T T T T T	# # # # # # # # # # # # # # # # # # #	11937	20 21 25 0 0 1 25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	69071	4444	00 00 00 00 00 01	0000 0000 0000	
XXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX XXXX		7419	C) 0" 0" N N 0" 0" 0" 00	1421	12540	0 m	O PO III	1700	
* * * * * * * * * * * * * * * * * * *		4 4 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	132600 61.9 61.9	2000 12000 10000 10000	112.0 218323 41.0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	000 NO M NO M	31740 81770
* * * * * * *	* * * * *								
* T + T + T + T + T + T + T + T + T + T	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**** W (1)	****	*** C & ***	***************************************	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	* * * * O
**************************************	* 7	40 5.9 * 86 48.0 * 423.0	Ǖ98	α <u>ν</u>	38 30-1 # 87 17-3 # #11562-3	2.0	29.5	3 168	# # # # # # # # # # # # # # # # # # #
** LATTUDE ** PARTS ** PARTS ** LATTUDE ** STATUS ** DR. AREA ** AVE. S. ** (D **) ** (D **) ** (CFS)	**************************************	SUGAR CREEK * 86 48.0 * 428.0	9 51.55 # 7 17.7 # 786.0	LAKE * 39 43.0 * C R RACCOON CREEK* 87 4.3 * DP * 216 * 2	8 30.1 # 7 17.3 # 11100 # #11562	# # 39-41.4 # CSR # 39-41.4 # CSR BIG WALNUT CR# 86 48.1 # DM # 210 # 210	11. CREEK * 86 54.9 * DP	* 39 4.5 * R S LAUGHERY CREE* 85 14.3 * DP OURCES * 168 * 168	* * O-=170 O-00
** LATITUDE ** PARTS ** A VE S S S S S S S S S S S S S S S S S S	44444444444444444444444444444444444444	CREEK # 86 48.0 # 429 # 429 # 429 # 429 # 429 # 429 # 429 # 429 # 429 # 629 #	29 51.55 + 39 51.55 + 29 5.05 + 78 5.05 + 78 5.05 + 78 5.05 + 78 5.05	# 39 43.0 # C R 00N CREEK# 87 4.3 # OP # 216 # 2	A 36 30.1 A SILVER A 67 17.33 A 11.562	# 39 41.4 # CSR # 39 41.4 # CSR WALNUT CR# 86 48.1 # DH # 210 # 210	# 39 29.2 # CR CREEK * 86 54.9 # DP # 295 # 295	* 39 4.5 * 7 8 8 14.3 * 17 8 8 16.8 *	# 39 34.9 # BLUE RIV # 85 41.1

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.31

	PRIMARY CO.	THE LEGICLE TO NOT A PRIMARY CO NAME OF STREAM ACTV. DEFT A DANGE OF STREAM COOK.		*LONGITUDE * DR.AREA	E L E 48 42 4	OT OUNCE OF STATE	X OTOX		**************************************	- 000 - 1	OHEOROGICA COM * FOOD * CONTROLOGICA COM * CONTROLOGICA CONTROLOGICA CONTROLOGICA CONTROLOGICA CONTROLOGICA CONTROLOGICA CONTROLOG
FILE	* * *		200	O X * B O	* * *	(CFS) *	(AC FT)			(1000 B)	* (OFFICENCE RANK) * (OFFICENCE RANK) * (OFFICENCE RANK)
######################################	# # # # # # # # # # # # # # # # # # #	SASASASASASASASASASASASASASASASASASASA	* * * * * * * · · · · · · · · · · · · · · · · · · ·	* 09 * 4 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0	* * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	44444444444444444444444444444444444444	*** MOUS ** MOUS ** MOUS ** MOUS ** MOUS ** MOUS ** ** ** ** ** ** ** ** ** ** ** ** **	**************************************	***
INGGREOO93 * INUOO33 * S DRC *	BROULLETTS C	CREEK BROUILLETTS C	0 h m 20 * * * * *	M M M M M M M M M M M M M M M M M M M	****	M00000	165200 165200 449	W W W W W W W W W W W W W W W W W W W	****	W 2 1160 1160 1761 1860 1860 1860	***
INGORLOO95 * INUO049 * S DRC *	CLINTON	WABASH RIVER	* * * * * *	39.6 23.6 11500	· * * * * *	11500.0*	230000 330000 26.000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	60 60 50 60 60 60 60	***
INGURLOOG4 * INUOO36 *	LIT VERMILION RIV R VERMILLION	N SIV LIT VERMILION	**** W W W	N N N N N N N N N N N N N N N N N N N	****	MM1 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	180000 180000 64.	044	****	00007 110007 1000007 1000007 1000007 1000007 1000007 1000007 1000007 10000007 10000007 100000000	****
INCORLOOGE *	SALAHUNIE LAKE Wabash Daen orl	KE SALAMONIE RIV	* * * * * *	44 80 C R • • R 80 V W	****	*	133.0 459000 94.1	C 80 80 C		00 T	1001
INGORLOO97 INUOD31 & S DRC *		BIG PINE CK	****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	* * * * * 9 N M	150.0 177450 95.9	000000000000000000000000000000000000000	O O O O O O O O O O O O O O O O O O O	44 600 44 600 600 600 600 600 600 600 60	****
INDURLOO99 * INCOASS *	NORWAY DAM WHITE NORTH IN PUS	NORWAY DAM TIPPECANGE RI NORTH IN PUB SERVICE CO	* * * * * * * * * * * * * * * * * * *	45.4	* * * *	11.00 0.00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10000 10000 10000 10000	0000		72.01	# * * *

				=

SCALE Ε Ε Ε Ε DEVELO SMALL ADDITIONAL 7 Ω Ω Ω X N N) () CAPACITY POTENTIAL E H **⊢** PHYSICAL tai L) Œ Ω **>**

:	
•	
•	
1	
•	
·	
1	
	⋖
F	3
	Ö
	•
	is.
)
	il.
	-
	⋖
	-
	œ
	taj
	T
	-
	z
	-

تنسا≺د	. S.						POTENTIAL		INCREMENTAL	IL CAPACI	ITY KANGES	S S					* * *
H Z	< Z □ (<	* * *	*******************	* * 3	* * * * * * * * * * * * *	** 表	* * * * * * * * * * * * * * * * * * *	***	* * * * * * * * * * * * *	***	*********	* * * * * * * * * * * * * * * * * * * *	***	* * *	* * * * * * * * * * * * * * * * * * * *	**************************************	* * * *
11 121 1 − 6 9 9 9	**** 93.T HZ H>W	**************************************	**************************************	**************************************	4 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 1	# # # # # # # # # # # # # # # # # # #	MX# MX# MX M	**************************************	* * * * * * * * * * * * * * * * * * *	**************************************		* * * * * * * * * * * * * * * * * * *	* D H = :		* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +
0	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *		*					* * * * * * * * * * * * * * * * * * *	K K * K * K * K K M Q0 • K W1 O' K M1 → K		*	#	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
	K X X X X X X X X X X X X X X X X X X X	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* -		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *			* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# od od # od od # od	* **** * **** * **** * ****	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * * *	*
	****		K W O B C C C C C C C C C C C C C C C C C C										* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *
00					* C					* * * * * * * O * * O			* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
TOTAL	K W F G +	K	K # # # # # * * * * * * * * * * * * * *		K 140 -			* * * * * * * * * * * * * * * * * * *		* * * * * * * O * O	# TOU		* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# W # # # # # # # # # # # # # # # # # #	* C * C * C * C * C * C * C * C * C * C	* NU * OU * OU * A * NJ = * NJ = * N + * * *
	*	* ~ UM * HIH *	# OH-A # MM H-OH-A # CHA # CHA	**************************************	* 4	*	*	* 2 3 4 4 * 5 5 6 7 * 6 7 * 8 8 8	* # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* N C Z * M C Z * 3 C D D C Z * D C D C D C D C D C D C D C D C D C D	*	# * 4 PE # # # # # # # # # # # # # # # # # #	*	* * * * * * * * * * * * * * * * * * *	** * * * * * * * * * * * * * * * * * *	** (N

. . PRELIMINARY ESTIMATE

OPMENT 21 21 11 ADDITIONAL 0 **>** ₩ 0... ¥ E E ie.i ox O łė. 0 Z V u. STATE POTENTIAL CAPACITY II I z FHYSICAL ELECTRIC at O√ 1

		* * * * * * * * * * * * * * * * * * *		1	. UN		* * * * * * * * * * * * * * * * * * *	K M K
CA ************************************		2 C C C C C C C C C C C C C C C C C C C	000	000			* * * * * 000	ANARASASASASASASASASASASASASASASASASASAS
		* * * * * * * * * * * * * * * * * * *	000 000 000 000 000 000 000 000 000 00	M 0 N 0 10 0 1 4 4 4 4	* * * * * * * ** * * * *	000	* * * * * * * * * * * * * * * * * * *	
		* * * * * * * * * * * * * * * * * * *	r gr	* * * * * * * * * * * * * * *	C C C C	C C C C	2 10 mm 20 m	
	* (2) * (2)	**************************************		M M M M M M M M M M M M M M M M M M M			: ณ.ณ :	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		4 4				20	000	TOTAL POUTDALLA AT AT AL ACT OF TOTAL DESCRIPTION FOR GIVE STATEMENT OF TOTAL STATEMENT O
		# # # # # # # # # # # # # # # # # # #	000	* M G	# # # # # COO	000	M 40 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
		* * * * * * * * * * * * * * * * * * *	000	# # # # # # # # # # # # # # # # # # #	000	000	# # # # # 	
: 3C +	E E	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *			00 00 00 00 00 00 00 00 00 00 00 00 00	
t .	# (U # (U # \T # \T # \T	* * * * * * * * * * * * * * * * * * *	k					**************************************
	K 3 K 3 K 3	* * * * * † * * * * * †	* 6. * 01.2 * 04. * 2.5 \(\)	K 64 K 8 K 8 K 8 K 8 K 8 K 8 K 8 K 8 K 8 K				
	# # # # # # # # # # # # # # # # # # #	**************************************		000	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	
	* * % * % * %	40444444444444444444444444444444444444	K	* -0	· 张	*	*	
		**************************************	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	
		**************************************	* M-0 * M-0 * M-	* * * * * * * * * * * * * * * * * * *	* (1) (1) * (1) (1) * (1) (1) * (1) (1)	* * * * * * * * * * * * * * * * * * *		
	k * *	* H X X X X X X X X X X X X X X X X X X	*		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	
* * * * * * * * *	- ∢ _5 Ø	* **** OSI HZ	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* MANUA * MANU	* PPC * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************
* k k k k k I lu ≪ (i. H Z		*	* 0	* 6 * 6 * 1	* C C * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.29 PAGE 37 OF TABLE 1

	~ :									
THE COLOR OF THE CASE OF THE C	(SECUENCE RANK)	1049	1046	1032	1912	1061		1951	1016	1470;3 * 2005 32,660 * 2005
	ENCE				1912			£931		
		4 0 4 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1046	1032	1918	1061		1951	1016	2005
		* * * *	A	****	****	****	****	****		
		K E 40 AU E 40 AU	- 570 - 50 - 50	6.9	27.4	1878.6 25.986	00	5,13	14826	1470.3
			6 80 8 80 8 80 8 80 8 80 8 80 8 80 8 80	19.67	7.7.24	25.		8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	33.	32.
122 U 14W 1444+	•	****	****	****	****	****	* * * * *	* * * * *	****	* * * *
F • Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	106234 106234	20 M 20 M 20 M 20 M	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	72294	8 14 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	67806 147841 115647	4 4 0 80 1 0 1
EN SER	Ē	10 40 1	22					10 10	0 4 W	
* * * * * * * * * * * * * * * * * * *		* * * *	0 m m	000	000	* * * * * • # # *	200		044	C 60 60 51 57
K K K K K K K K K K K K K K K K K K K	3	K 22 12 K 22 12 K 22 12	1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	10649	0 4 4 6 0 4 4 6 0 4 4 6 0 4 4 6 0 4 4 6 0	14181	0002	11632	128000 263344 491344	10948
EN	: J									
	* i		****	****	****	****	****	00P	* * * * *	000
K	(FT)	192000 192000 192000	90000	43.0 170000	23.00 27.90 27.9	4500 400 400 600	N - N	14 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0000 0000 0000 0000	5000 3000 3000
K					****		****	****		
KENNERSKERKERKERKERKERKERKERKERKERKERKERKERKERK	2	477.9	60	70.7	20 S	03.0	60	569.7	N 3102.7	# # # # # # # # # # # # # # # # # # #
STATE AVE.		00 00 147477	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 P 4 C 5 7 O	a. eo	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ян 81 -1000	88	10 F	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* C. * * * * * * 1		* * * *	****	****	****	****	****	****	****	****
# # # # # # # # # # # # # # # # # # #	(SO.MI)	90 9° 4	5.00 5.00 5.00	8 32 5 9 36 5 8 16 00	4 5 4 4 6 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4	25.7 25.0 2400	4 - N • • N → 6 O	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	23.8 21.7 9000	3.5
12000	38	* 40	(C)					3 M M	സസന	—
****		4.0	40 5 91 113	4.0. G C	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 0 VI C 0	4 4	40. 4 m	910	91 99
X X	* *	* * * * * * * * * *	0 == == 0 == == 0 == ==	****	* * * * * * * * *	พอ	N/O		* * * * * * * * * * * * * * * * * * *	
X X	* *	* * * * * * * * * * *	H 24 40 5	# # # # # #	RACCOO* 4	* * * * * * * * * * * * * * * * * * *	X * * * * * * * * * * * * * * * * * * *	30° ****	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
X X	# ##	* * * * * * * * * * *	H 24 40 5	# # # # # #	RACCOO* 4	* * * * * * * * * * * * * * * * * * *	X * * * * * * * * * * * * * * * * * * *	30° ****	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
X X		* * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	MIDDLE RACCODE 94 CORP. *	* * * * * * * * * * * * * * * * * * *	SOUTH FORK MAR 90 + POKER CO *	+ RESERVOIR # 41 IOMA RIVER # 91	1381881PPJ R# 91 ELECT CO # 11	# # # # # # # # # # # # # # # # # # #
X X	# #E	* * * * * * * * * * *	ST OT TO TEST TO THE TEST OF T	to the representation of the state of the st	HIDDLE RACCOON 94	CA 4 C LOCIOSINO IN CO. 4 C LO	SOUTH FORK MAR 90	DAM + RESERVOID # 411 IDMA RIVER # 91	# 40 MISSISSIPPI R# 91 UNION ELECT CO # 11	# # # # # # # # # # # # # # # # # # #
X X		* * * * * * * * * * *	ST OT TO TEST TO THE TEST OF T	TO 4 POLINONOUN TE FT	NO MIDDLE RACCOOM 94.11 14 LAKES COMP. **	CA 4 C LOCIOSINO IN CO. 4 C LO	NO SOUTH FORK MAR 900 LIGHT + POKER CO *	DAM + RESERVOID # 411 IDMA RIVER # 91	L+D19 #1891881PP1 R+ 91 NCR, UNION ELECT CO * 11	# # # # # # # # # # # # # # # # # # #
X X	* *	* * * * * * * * * * *	ST OT TO TEST TO THE TEST OF T	TO 4 POLINONOUN TE FT	NO MIDDLE RACCOOM 94.11 14 LAKES COMP. **	CA 4 C LOCIOSINO IN CO. 4 C LO	FLEC LIGHT + POWER CO *	DAM + RESERVOID # 411 IDMA RIVER # 91	L+D19 #1891881PP1 R+ 91 NCR, UNION ELECT CO * 11	# # # # # # # # # # # # # # # # # # #
X X		KARAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAK	NOT A CONTRACTOR A	A TOTAL ALGORISM TOTAL ALGORISM TOTAL ALGORISM TOTAL ALGORISM ALGO	* 232 IA NO * 41 * GITHRIE MIDDLE RACCOO* 94 * MID-IOWA LAKES CORP. *	A TIOS THOUSE A LONG A	# 719 IA NO BOUTH FORK MAR 90 R IA ELEC LIGHT + POKER CO R	# CORALVILLE DAM + RESERVOIR # 41 # JOHNSON I TOWA RIVER # 91 # DAEN NGR	# MTGS [+D19 # ALGOISSIPPI R* 91 # DAEN NCR, UNION ELECT CO # 11	# # # # # # # # # # # # # # # # # # #
A CANCAL A C		KARAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAK	NOT A CONTRACTOR A	A TOTAL ALGORISM TOTAL ALGORISM TOTAL ALGORISM TOTAL ALGORISM ALGO	* 232 IA NO * 41 * GITHRIE MIDDLE RACCOO* 94 * MID-IOWA LAKES CORP. *	A TIOS THOUSE A LONG A	# 719 IA NO BOUTH FORK MAR 90 R IA ELEC LIGHT + POKER CO R	# CORALVILLE DAM + RESERVOIR # 41 # JOHNSON I TOWA RIVER # 91 # DAEN NGR	# MTGS [+D19 # ALGOISSIPPI R* 91 # DAEN NCR, UNION ELECT CO # 11	# # # # # # # # # # # # # # # # # # #
TARREST CO. TARREST CONTRACTOR AND CONTRACTOR CONTRACTO		EXERPRANTANTANTANTANTANTANTANTANTANTANTANTANTA	MISS L+Dis DES MINES MISSISSIPPI NA 91 DARN NON A 110	TO 4 POLINONOUN TE FT	NO MIDDLE RACCOOM 94.11 14 LAKES COMP. **	CA 4 C LOCIOSINO IN CO. 4 C LO	FLEC LIGHT + POWER CO *	DAM + RESERVOID # 411 IDMA RIVER # 91	L+D19 #1891881PP1 R+ 91 NCR, UNION ELECT CO * 11	MISS L+D17 MISSISSIPPI R4 91

DATE 15 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.29

*HINC. MINEROFANCI. COOT PERC ECONOTIC STINC MINEROFAENES COST NOT COLD COLD COLD COLD COLD COLD COLD COLD	######################################	2900	# N/O!	* * * * *	* * * * *	****
	* * * * * *	N 90	### 107 W	10 S 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1055	***
TINCONTROCARNING CONTROC	# C G H H H H H H H H H H H H H H H H H H	다 다 작 - 6 - 6 - 60 - 60	962. 10. 10. 10. 10.	24.00.00.00.00.00.00.00.00.00.00.00.00.00	••	66
		O M M O O O O O O O O O O O O O	44 000 000 44 000	14 00000 141 14 00000 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MOM MOM MI MI MI MI MI MI MI MI MI MI MI MI MI	# # # # # # # # # # # # # # # # # # #
M W H H W H H H H H H H H H H H H H H H		# # # # # # # # # # # # # # # # # # #	17260	# # # # # # # # # # # # # # # # # # #		0000 m
****		* * * * * OOF *OO *OO *OO *OO *OO *OO *OO *OO *O	100% 676 676 676 676 886 886 886 886 886 886	* * * * * CO 0 * CO 0 * PO 0 * PO 0	M 400 400 60 4 00 8	424 000 484
######################################		200 000 000 000 000 000 000 000 000 000	CR CP 628888 828888 44444	2.00 mm on m	2	A A RUN . TO
ww		41 25.6 4 4 4 9 9 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	41 M4.90 24.90 8.40 9.40 4.40 4.40 4.40 4.40 4.40 4.40 4	41 M1.1 90 W3.9 88500 8	41 0.9 92 24.8 13200 **
	A STATES A S	* * * * * * * * * * * * * * * * * * *	LAKE + DAM OFFS MOINES BIA	* * * CC HOO OO HOO OO HOO OO HOO OO HOO OO HOO OO	* * * * * * * * * * * * * * * * * * *	A A MOUNTER SHE
PROLECT NAME PRIMARY CO. ENAME OF OENER	ANN WARRANGE OF THE CONTRACT O	MISS L+D16 MUSCATINE DAEN NOR	SAVIORVILLE LAKE + DAM Polk Daen ncr	MISS L+D14 SCOTT DAEN NOR	MISS C+DISSOUTT	733 IA NO NAPELLO CITY OF OTTUMMA
***		* IAANCROO51 * IAOOOO8 * I DRC * *	TACNCROIDO *	# IAANCR0059 # IAANCR0006 # I DRC # # # BRC # # # # # # # # # # # # # # # # # # #	TAANCRODGO * TACOCOT * TACCCO*	* IAGNCROOS2 * IAO1316 *

a I

is.)		
نــ	•	
⋖	Z	
	12.5	
ט	Σ	
30	α.	
	0	
i	<u></u>	
د	w	
⋖	>	
Ε	i a i	
כע	0	
		•
_	>	≪
Œ	9	69
2	ΩC	Z
-	W	<
	Z.	¥
_	123	
-		
0		ia.
-	2	0
⋖	Z	
•	⋖	
		isi
œ		-
0	>	×
	-	-
.	> -i	93
	Ü	
_	•	
⋖	0.	ist
⊢	∢	I
-	Ü	-
	U	
z		
ш	ပ	2
; —	-	-
	Ω¢	
a.		
	-	
	ပ	
→	is.	
	-4	
ပ	is)	
	0	
œ	œ	
>	_	
I	>-	

Z W E v E L O P DITIONAL 0 œ œ 0 w Z ш Œ **□** -a Z A 1 € H H H H CAPACITY ₽ 0 w T HYSICAL z CTRIC س س س Ð. HYDRO

***************************************	**************************************	# # # # # # # # # # # # # # # # # # #	*** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** **		**************************************	AT ALL SITES (SUM OF COLUENS & AND W) A FOR GIVEN HEAD RANGE (CICARATIONS & A A ALL SITES (SUM OF COLUENS & A A ALL SITES (SUM OF COLUENS & A A ALL SITES (SUM OF COLUENS & A A A A A A A A A A A A A A A A A A
**************************************	*	* * * * * * * * * * * * * * * * * * *	K K K + K + K + K + K + K + K + K + K +			
Z		* 00 *	k	k -		F C C C C C C C C C C C C C C C C C C C
* 0 0 0 4 × 1 2 C * X × 1 × 1 × 1 × 1 × 1			t			# HO # # # # # # # # # # # # # # # # # #
* * * * * * * * * * * * * * * * * * *	I .		COLO 1			# # # # # # # # # # # # # # # # # # #
TO THE PERSON THE PERS				k		*
# ID * * * * * * * * * * * * * * * * * *	*		*****	K K		**
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* 4	* HA *
* * * * * * * * * * * * * * * * * * *	******			00	****	* PA * * * * * * * * * * * * * * * * * *
**************************************	* * * * * * * * * * * * * * * * * * *			K	* * * * * * * * * * * * * * * * * * *	AND HANDENDER AND TENTIAL UNDEVELOPED POTENTIAL AND
** ** * * * * * * * * * * * * * * * * *	* = 0 1	00				
4 2 0 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *				** COLUMN 1 H EXISTING HYDROPOWER D COLUMN 3 H ADDITIONAL POTENTIAL COLUMN 3 H UNDEVELOPED POTENTIAL **
1.11111- HZ C	* 0		00	C .		*

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.31 PAGE 47 OF TABLE 1

	X 2	E RANKU	* *	*	# 1	佐 俊	#	#	* •	. 4	*	-	•	•	. •		•	-	•	•	•			•	•	•	•	_	-	•				-	-				
PARRARARARARARARARARARARARARARARARARARA	4 0 0 U U	OUENCE																																					
* C E E E E E E E E E E E E E E E E E E		0.000																																					
# E # * * * # * * *	. ¥ 1	K #K 4	: : * *	: 🗱	*	* *	#	*	* 1		*	*	*	* .	* 4		. 44	*	*	*	*	*	* 1			*	*	*	*	体	*	* 1	* *	*	*	*	# 1	* 1	g
SEENERARESENTE DE COURT PROPERTY SEENERS SEENERS SEENERS FOR STORY COURT PROPERTY SEENERS SEEN	(1000 8)	E A E	10843	•		4.767.6	7030582				5659958			P		4 4 4 5 6 6			5524.	6870			72.7 72	7 C C C C				6888	3				4428-1				6791.0	177016	
* 4 # # * 6	x * 4 > 9 E	x	* * *	1 # 1 (1)	*	* *	*	*	* 1	C	•	•	*	* (¥ 4	u n	: # ;	*	•	N.	iu T	*	* () #)	*	*	*	•	378 *	378 *	*	* *	2 0		*	*		* 1	73
**************************************		E S																														_			_	_			* ~
* * * * * * * * *	* * +	- 1	K 0 4		*	# # C	. #	•	* 1	C	. 0	•	*	*	¥ 1	· •	>	*	•	*	•	#	* 1	> -		. *	#	0	200	# (1) (0)	*	- () C	0	•	•	0	0 0	3
* * * * * * * * * * * * * * * * * * *		Z Z	K • • • • • • • • • • • • • • • • • • •	110011																																			
* * * 4		* *		* *	*	* *	. *	*	* 1	* *		*	*	*	* *	# 1	E #		*	*	*	*	* 6	* 4 > ¢	· *	. *	#	*	*	*	#	# ·	* 1	•	*	*	*	* 4	*
THE THE STATE OF THE	(FT)		K 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	> in > in > in	ì		7 7 55 55	4.		0	90	55	•		D 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	103233	• •		68	248000	M		•	T 1		• •		82,	319000	47	at.		7 0				125.0	-00	67
表	* *	* * 6	在 在 本 · 在 本	* *		* 1	* *	0.4#	*	* 1	k *	* 4		*	*	•	* 7 * P P		* *	*	48.54	*	*	* 1	1	•	*	*	*	210.6*	*	*	* 1	. 0 . 10		*	*		74.1#
**************************************	A V II	_	***	si •166	•		1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•			2 K	•			90 (- - +	í		98.0		7			0 2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	. ;	•		CSRO	I	Ž,			۳ » د ت		Ī		Caso	I	•
		* *	# # # # :	* =	: #	*	* *	*	#	# 1	* *	: 4	*	#	#	*	* 4	* 1	* *	#	*	*	*	# .	* 1	• •	- ##	#	*	*	*	*	*	× 1	*	#	#	*	#
****** ATITUDE NGITUDE	CO M.M.	(SG.MI)	****	3603) 		7 V	9		•	16.0	775	•			00 v	6 0 0		31.9		238			ė.	4 0 0 0 0 0	2			3	æ				r C	Ì		-4		1.7
-	E	000	# M (r r		;	- 60 7 0*	•		;	70				, m	ن	*		47	6		*		m (6 *	* 4	: +	η 18α				*	20 k	r * 1	× •	: 4:	€ (M)	96 *	*
* X	* *	* *		T T	. *		A D K	:	•	_	•	•		_		.000	-			Z	+				لد لد ح				E C					Š				¥	
**************************************			* * *	GRAND NEDSH			T C D	: :) ii	K J J								I A M					T RIV			7 U L	SELANIE A LES				1	<u> </u>			RESERVOTA	CPE	
* L			* *	O V V			4 140				2	j E				MEDICINE			0	1771 6	1			a I	トロペーマ			3	ITTE	•			,				RVOT	EDAR	
* Z X	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		* * *	Ġ			ď	Ġ		,		Ū				X .			0 + C > C > C > C > C > C > C > C > C > C	 -	•			RESERVOIR	3			7 7 7 2	† 3 1				RION	7 5			RESE		
**************************************	Ē		在我们我们在我们的现在分词的现在分词的现在分词的现在分词的现在分词的现在分词的现在分词的现在分词								ス し 大 所				LODGE				5	n Li				0 E				DESFOVETR	1	_			ESER				INI		
* * * *			4	2 2	E -		Q W U	K L		;	2 2 2 3 3 4 4 4 4 4 7 7 7 7 8 7 8 7 8 7 8 7 8 7 8	4 2 4 4	E D		CINE	Œ			90 4	9	30			DRAD	or d	- X				PAG NAC	!		BAZAAA RESERVOIR		2		Dd at	CHASE	DAEN BEL
A TO THE TAY A A A A A A A A A A A A A A A A A A			****** IOLA	Z 2 2 4 6 7 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	년 4 그		AFTNA	2 0			FLY CREEK	1 2 2 4 6	2 4 0		MEDICINE	SARB				5 E	DAEN SMT			E	BUTLER	DAEN		ACMANDA.	STATE OF	7 4 6		_	BAZA	Ž L	T UAE		* CEDA	CHAS	# DAEN
	CODE *	* *	***	* *	k # →	-	* 1	* * *	•	*	# S # :	* * *	-,	*	348 *	37 *	*	*	* *		*	*	*	053 *	40.	# 1 1	* 1	4 4 10 10 10) (L	•			064 ×	* ;	æ 1	. 1	-	7	-
*21 121		H W	*********	KSU0377	7 7		X DOCUMENT OF THE PROPERTY OF		3		KOCOLTONAS KOLTONAS	00110	r J		KS6SWT0048	KSU0387	10 0		2000	CONTROP CONTROP	DRC			CLMS	KSU0040	105		AROCHE 0407	K ST TO ST)		KS6SWT0064	K800014	L T		KS6SWT0065	KSUODZI	9
* Z Z X * CU + C	CODE	- m	* 9	×			ذ ق	É			9	×			2	×			7	2 3	•			င္က	¥			4	2	•			96	¥	e.		Sé	*	

DATE: 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.31 PAGE 48 OF TABLE 1

THE PERSON OF TH	· · · · · · · · · · · · · · · · · · ·	*	* 4	######################################	*******	* 5	5. 公司 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	R p-	本本本文本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本
4	E <	_	* *	AVE. D.	T ST	TOT. CAP.	#INC.ENERGY*	100	AND NOVERDONDERS
LL .		(S	* * *	# # € (OHU)	* (AC FT) * (FT) * (FT) *	333	# (NEE) # (1000 6) # (NEE) # (6) # (NEE) #	4 (1000 S) 4 (S/MWH) 4	COMPOUNTED TANK) COMPOUNTED TANK) COMPOUNTED TANK)
* ~	水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水	*********	****	*	本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	"我也是我我我我我我	· · · · · · · · · · · · · · · · · · ·	· 一种 · · · · · · · · · · · · · · · · · ·	***
A KOUOA16			* 1	80 a	757230 #	~ F	40.	8	
		1	B 65		•	7	# #		
	1	:	*				-		
_		M8 28	* 1	# CM00	117.	0 (01	4509.7	. 12
	C 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	- M -	r #	#84°0#	* 0.07	•	# # #	_	
*			*	•	•	•	*		X. 19X
		N C	4 1	- tr	3	•	# 1	1	*
KONOTES	CHASE SECENTICAL MIDDLE CAREEX	96 48 55	* *	3 0 0 1	1 5000 M	-		1007	4 5. 6
* S DRC X		-	æ	#26.0#	3		# 555) :	
* •	· ·		* 5	# 4	* 1		4.	•	
	1000年の日本 1000年年の日本 1000年年年 1000年年 1000年 1000年 1000年年 1000年年 1000年 1000年年	8 27.	X #	CSC	-	C	* *	77	*
KSUDSS6	* CHASE DIAMOND CREEK&		*	91	310000 *	. 0	: # > M3	1197371	2 18
	A DAME GET	m	#	#85°8#	10.9	0	# M		•
* 1	# 4	_	de f	* 1	-		#	•	
* KS6SWTCO76	BAZAAR	8 16.	S: 40	# # CSD		C	# + C		***
* K800527	SOUTH FORK CO	96 33,5	*	* 18	414740 *		· #E	1252963	
1 4 5 C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A DAMA SET	o	*	-120.2*	*	0	* 10		
* *	t a		# 1	* 1	# 1		**		•
IA3	* SERVING CITY PERSERVOIS *	8 25	# #	1 # E	5	0	* *	-	98. 1
X 300458	FOX CREEK	96 33,0	*	* 81	116152 #	0	*	5017796	. 4
* 5 DRC 1 *		E.	*	#50°2#	÷	6	* 0	-	•
* 4	* 1		* •	*	* 1		* 1		
* KS6SETOOB6	* CLOVERDALE	7 12.	z . #	en	M	C	* * C	8	6. •
K800353	A CHAUTAUGUA CANEY RIVER *	96 28.8	*	. *	112095		*	9619344	# +BS
* 55 DRC II *	*	-	*	*76.5#	79.	0	* 0	:	: #
± 1	**		#	*	*		*	•	
T KSC CT T S C C CT T S CT T S C CT T S CT T S C CT T S CT T S C CT T S CT T S C CT T S C CT T S CT T	VFDOTGOTe	6	* •	* •	C	•	# (6	
* KSUOA44	LUGUA CHANEY RIVER	96 20.0	*	2 dr	510574	127	•	0000	
* 5 DRC I		4	#	-273,54	110.	121	# 097	;	. 193
## 1 ## 1	*		*	4	A		*		
T COCOTTON	*	7	* *	* •		•	* *	1	
KSUOUSO	CHEROKEE	00000	1, # - :-	k #	217550 *	6	# # D C C		e •
* S DRC I #		2	*	-256.0#	23	 60	* 069		
*************	水积化物水金银合物 化安全性 计设备存储 化水合物 医克拉特氏 医克拉特氏 医克拉特氏病 医克拉特氏病 计图片设计 计算机 计图片记录器 图片 	****	***	********	学位女子	化妆妆妆妆妆妆妆妆妆妆	在我就在我你在我在	****	拉维拉斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯

ACCOMPANTA SANTA S			38 1036 1036 1036	****	****	****	* * * * * *	****	· · · · · · · · · · · · · · · · · · ·
# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	60 00 00 00 00 00 00 00 00 00 00 00 00 0	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4770°4 4 407°76 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	を使用を受ける を
# - B - C - C - C - C - C - C - C - C - C	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M	******	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	****	*****	***	* * * * * * * * * * * * * * * * * * *
4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10366	4 4 0 & &	17338	000	000	000	8771 8771	11576	C C C 6
# 0 U Z Z Z # C U C C C C C C C C C C C C C C C C C	# # # # OP M # # # # # # # # # # # # # # # # # #	6 2 4 4 4 1 O 10 10 	2 # # # # # (Omm OO OO OO	000	000	****	CMM PP CMM PP CMM		000
# # # # # # # # # # # # # # # # # # #	K	# # # # # 000 000 000 000 000 000 000	0000 0000 0000 0000 0000 0000 0000 0000 0000	0.000 0.000 0.000 0.000 0.000 0.000	# # # # # # # # # # # # # # # # # # #	# # # # 0.00.00 0.00.00 0.00.00	105.0 105.0 105.0 105.0 105.0	60 0 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	127.0 335000 96.8
A * T = D = A * T = D = A * T = D = A * T = D = D = D = D = D = D = D = D = D =	**************************************	# # # # # # # # # # # # # # # # # # #			4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在
LATITUDE A CONGITUDE O DR.AREA (D M.M) (CD M.M)	# # M D D D D D D D D D D D D D D D D D	+ 4 W O W 4 O W	4 M M	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	25 25 26 26 26 26 26	000 000 000	1.0	24 24 04 10 10
******	# # # # # # # M O # M O # M O	*****	* * * * * * * * * *	**** W & W &	****	****	* * * * * * * * * * * * * * * * * * *	* * * * * *	***
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	**************************************	LAWTON RESERVOIR LOWER NEOSH Cherokee Burec	AEGENCIA NEGGIO	RESFRYOTR MIDDLE NEOSH IG CREEK	LERNY RESERVOIR MIDDLE NEGSH COFFEY BIG CREEK DAEN GMT	SALT FORK ARK	WALNUT RIVER	LAKE WALNUT RIVER	DEXTER LAKE COWIEY DAEN SWT
**************************************	* CC * CC * CC	SERVOI	ON CHA	SERVOIE	ESERVOI:	TLLE LAKE	.1 3 4 h 70 10	AS CITY LAKE WAL	LAKE
**************************************	**************************************	LAWTON RECENTED	JOHN REDMOND COFFEY DAEN SWT	LEROY RE COFFEY BUREC	LENDY RECORDERY	EVANSVILLE COMANCHE DAEN SWT	AKRON LAKE COMERY DAEN SET	ANTANOA COLETINA COLE	* KS6SWTO118 * DEXTER LAKE * KSUON34 * COWIEY * S SCP I * DAEN SWT

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.32

A CANAR BOUNDERS A 4 CANAR MONTH A MARK TO THE CONTROL OF THE CONT	在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在	***	****	**************************************	1004 1004 1000 1000 1000 1000 1000 1000	
######################################	本来也没有这个的 1000000000000000000000000000000000000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	• •	196. 1 44.897 6772.1 8739118	0 M R M O O M G M O O M G M O O M O	7864°0
STATE OF CASE OF STATE OF STAT	を を を で の の の の の の の の の の の の の の の の	000 00		* * * * * * * * * * * * * * * * * * *	000 000 000 000 000 000 000	044
# 0 0 3 3 3 # 0 0 4 0 0 0 # 4 4 6 0		********				000
AX BAX BAX BAX BAX BAX BAX BAX BAX BAX B	# # # # # # # # # # # # # # # # # # #	100 H H H H H H H H H H H H H H H H H H			M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #
######################################	**************************************	00 H OO H OO	20 00 00 00 00 00 00 00 00 00 00 00 00 0		** * * * * * * * * * * * * * * * * * *	COD 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
********	* ~ ~ ~ *	COU 00	* * * * * * * * * * * * * * * * * * *	*******	*******	****
*	# # # # # # # # # # # # # # # # # # #	93 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 00 00 00 00 00 00 00 00 00 00 00 00 0	W W W W W W W W W W W W W W W W W W W	0.0 W 0 W 0 W 0 W 0 W 0 W 0 W 0 W 0 W 0	37 38 4 96 38 4 56 58 9
# E	* X * X * * * * *	GROUSE CREEK * 37 14 * 37 14 * * 37 21 TIMBER CREEK * 96 48	AANGAS AASASAAAAAAAAAAAAAAAAAAAAAAAAAAAA	840KY HILL AIX 97 588 4 97 588 4 4 788 MEDICINE LODGE 98 39	M	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
**************************************	* 0 * 0 * 0 * 0 * 0 * 7 * X	CAEEEX *** 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4	* * * * * * * * * * * * * * * * * * *	T	# # # # # # # # # # # # # # # # # # #	4

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.32 PAGE 51 OF TABLE 1

		2 2																-																	*
SITE S	RANK)	Z *																																	经股份股份股份股份股份股份股份股份股份股份股份股份股份股份股份股份股份股份股份
BANKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAK	Z 4 1	# XI																																	*
* E W C	_ U	Z *																																	*
* 2 2 0	22	# HE																																	*
* m n m	200	W #																																	#
# CE W	8 000																			_			_						_		_ ,				*
***	* *	* *	* *	*	4	# #	*	*	* *	*	*	# 1	*	# 1	K -10	*	* *	*	*	* 1	* *	*	*	* *	#	#	# 1	X •	•	* ·	- 1		-		*
**************************************	SÎ	*	AL -	•		4	000			•				5	n			9	,			N.			-	76			4				60 t	•	****
* O _	ON THE	*	1885.	:		0	2780			514	n.			44.5	יי ס		4 7 4	3820			60	993			7198	747			6	40			2		*
# ⊃ F7 # ¬ C6	100 (%)	*	- 3	Ś			2			9	Ň			9	7		4	le)			4	-4			~	e.			.				n.		*
* Z Z		* *			_			<u>.</u>	= =	! : ##		* 1	k 48	48.1	x •		* 1	. *	*	*	* *	*	*	* *	*	*	* 1	* *	*	*	* 1	* *	*	* *	*
****		*	0 1	1 (1)	•		· 60	œ			<u>.</u>			0 :	3 4		•	9 0	0		0	40	20		0	ni (Ni		0	N C	nd C		0	0 0 0 0	*
* 2 6 6	22	* T									384	3D						116	116			23	1						1	200	ŭ		- 1	2 2 W W	
*	33	Ī *																																	*
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA		* *																			_					_	_		_						*
*	* *	* *	* *	*	*	* *	#	* •	* *	*	# ·	* 1	*	* 4	* *	. #	* 1	, * , *D	*	# 1	* *	*	# (N)	# #		•	# 1 O			nı			· 7	14 14 2 2	*
######################################	•	4 4	00	, 0		0		-		_	50	33		, ·		•	•	13,	100		_	\$	3		_		-			9	10			4 4	* *
* 0 0 Z	33	X * 3 * 4																																	*
***	. .	ž į																																	* * * *
* × Z C	•	*																																	女
***	* *	* *	* *	E #	#	* *	*	*	* *	*	*	* *	* *	*	* 1	* *	* 1	* *	*	#	* *	*	*	* 1	* *	*	* •	* *	. *	* •	*	* 1		• •	* *
* - K -	(FT)	*	90.0)	•	9	000			2	44.0	 		104.0	202	•		9.0			P)	S			.,	20	•			8	4			900	
* * * * *		~ * * *	6,5	'n		-	- in	nu			122	e n		10	6.4	D	•	+ 6	•		ď	425	•		0	161	•			340	•		•	80.4	-
X O X 3	= 3	∵ ‡	•	•			343	,			1			٠	3			_	•			7								_	_				*
***	* *	* *	# 4	-	*	* *	*	*	* *	K #		•	* *	*	* :	* *	*	* *	*	*	* *	*	*	* 1	#	*	-	* *	-		*	* 1	-	- i	
-								_				_			•	~											•				•				• •
* A. B	•	F.3	t	9				5.				5				'n			71.				M 35				114.				7.0			4	
* 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	•	CEFS		-216.	•	ם	r .	.351.						•		'n		on	-171.		ď	. a.	N)		. H	1	4		øn.	.	Œ		6 0	8.0.4	0179
######################################	•	CCFS		-216.	•	5	, -	*351.				5		83		*	•	ص ا	-171.		ď	0 es	135		67		7		80		179		85.1	410	• • • • • • • •
***	* * *	* (CF8		* 18 * * * * * * 16.	•		, -	*351.	* 1	* 4	90	5		8U *		*		# *	-171.			0. 00	135	4 1	67	တ	7	* 1	ອ ເ *	.	179	*	61 * *	8.0.4	0 *
***	* * *	* (CF8		* 18 * * * * * * 16.		* *	100	. * . 351.	* 1	* *	.6 * 18	0 * 251.	= +	*	# 4 0	* /n * * *	*	 * *	4 4 -171.	#	* *	*	7 # +1358	4 8 f	e 1. ≠ 1. ≠	0 * 18	* * * 0	4 1	ن * ن	# #	* *179	# 1	نـ * * ۰۵	4 TG	* *
***	* * *	* (CF8		* 18 * * * * * * 16.		* *	10°0 4 6°88	5900 * -351.	* 1	•	51.6 * 18	600 * 251.	= •	3.0 * C		* /n * * * * * * * * * * * * * * * * * *	*	± +	* "171.	#	* *	8 * 0°0	07 a +135.	* 1	# 3° €	13	70 * =214	4 1		.	* *179	*	نـ * * ن	# 18	* * * * * * * * * * * * * * * * * * * *
***	* * *	* (CF8		* 18 * * * * * * 16.		***	10 4 6 8 10 10 10 10 10 10 10 10 10 10 10 10 10	25900 * * 351.	* 1	. B.	01 51.6 * 18	5600 * 251.	- •	23.0 * C	**************************************	* /n * * * * * * * * * * * * * * * * * *	: * :	7 4 5 6 6	514 * "171.	#	* 4 A A	8 * 6.6 B	07 a +135.	4 8 1	1 32.4 × C9	7 52.0 * 18	70 * =214	* 1	7 32.5 * C	52.1 * 81	* *179	*	7 32.9 * L	4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 000
***	* * *	* (CF8		* 40 0°0 * 18		***	101 WM.9 4 91	* 25900 * *351.	* 1	. B.	* 101 51.6 * 18	5600 * 251.	* 1	* 37 23.0 * C	100 4 0 750 LO 4	* /n * * * * * * * * * * * * * * * * * *	: * :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	514 # =171.	#	* 4 A A	8 * 6.6 86 *	4 407 # +1356	* 1	1 32.4 × C9	* 97 52.0 * 18	70 * =214	4 4	7 32.5 * C	* 97 52.1 * SI	* *179	*	37 32.9 * L	2 4 6 0 0 1 6 4 4 5 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4	* 000
**************************************	* * *	010) + (NE 00) +		10 4 40 0 4 10 10 4016.		***	VEX 101 33.9 A 91	* 25900 * 351.	* 1	. B.	VE* 101 51.6 * 18	5600 * 251.	* 1	* 37 23.0 * C	10 4 0 TH 10 4 A M	* /n * * * * * * * * * * * * * * * * * *	: * :	7 4 5 6 6	514 # =171.	#	* 4 A A	8 * 6.6 86	4 407 # +1356	* 1	1 32.4 × C9	7 52.0 * 18	70 * =214	* 1	7 32.5 * C	97 52.1 * SI	* *179	*	37 32.9 * L	47 15 0 0 0 1 79 48 4 4 6 8 7 9 1 9 1 9 1 9 1	* 000
**************************************	* * *	OFO A (OC.MI) A (OFO) A		0108		***	TO A PARK TO KRIVITE	* 1988 * 00698 *	# 1	. B.	RIVE* 101 51.6 * 18	* 25500 * 255.	* 1	* 37 23.0 * C	10 4 0 th 10 4 VIR	* /n * * * * * * * * * * * * * * * * * *	: * :	1	MAN 1014 # #171.	#	* 4 A A	80 * 6° 6' 86 * 12	407 a +1MS	# 1	1 32.4 × C9	SI * O'NE LO *ZA	* 870 * *214	* 1	7 32.5 * C	TO THE STATE OF THE STATE OF	* *179	*	37 32.9 * L	2 4 6 00 L5 4 L C	* 000 *
**************************************	* * *	OFO A (OC.MI) A (OFO) A		0108		***	TO A PARK TO KRIVITE	* 1988 * 00698 *	4x 4	. B.	RIVE* 101 51.6 * 18	* 25500 * 255.	* 1	* 37 23.0 * C	10 4 0 th 10 4 VIR	* /n * * * * * * * * * * * * * * * * * *	: * :	1	MAN 1014 # #171.	#	* 4 A A	80 * 6° 6' 86 * 12	407 a +1MS	**	1 32.4 × C9	FORK WA 97 56.0 * 18	# 870 # #P14	* 1	7 32.5 * C	FORK NIA 97 52.1 + 91	540 # 179	*	37 32.9 * L	A CONTRACTOR AND A MONTH AND A	* 000 *
**************************************	* * *	OFO A (OC.MI) A (OFO) A		0108		***	TO A PARK TO KRIVITE	* 1988 * 00698 *	* 1	. B.	RIVE* 101 51.6 * 18	* 25500 * 255.	* 1	* 37 23.0 * C	10 4 0 th 10 4 VIR	* /n * * * * * * * * * * * * * * * * * *	: * :	1	MAN 1014 # #171.	#	* 4 A A	80 * 6° 6' 86 * 12	407 a +1MS	* 1	1 32.4 × C9	FORK WA 97 56.0 * 18	# 870 # #P14	* 1	7 32.5 * C	FORK NIA 97 52.1 + 91	540 # 179	*	37 32.9 * L	A CONTRACTOR AND A MONTH AND A	* 000 *
**************************************		OFO A (OC.MI) A (OFO) A		0108		***	TO A PARK TO KRIVITE	* 1988 * 00698 *	* 1	. B.	RIVE* 101 51.6 * 18	* 25500 * 255.	* 1	* 37 23.0 * C	10 4 0 th 10 4 VIR	* /n * * * * * * * * * * * * * * * * * *	(1	MAN 1014 # #171.	#	* 4 A A	8 * 6.6 86 *	407 a +1MS	* 1	1 32.4 × C9	SI * O'NE LO *ZA	# 870 # #N14	* 1	7 32.5 * C	TO THE STATE OF THE STATE OF	540 # 179	*	37 32.9 * L	2 4 6 00 L5 4 L C	* 000 *
**************************************		OFO A (OC.MI) A (OFO) A		0108		***	IVE + 101 33.9 * 9I	* 1988 * 00698 *	* 1	. B.	IVE* 101 51.6 * 18	* 25500 * 255.	* 1	4 W7 PW A	CIIXAOKIA DIVA 97 U4.	* /n * * * * * * * * * * * * * * * * * *	(1	MAN 1014 # #171.	#	* 4 A A	80 * 6° 6' 86 * 12	407 a +1MS	***	1 32.4 × C9	FORK WA 97 56.0 * 18	# 870 # #N14	* 1	T M M M M M M M M M M M M M M M M M M M	SOUTH FORK NIA 97 52.1 . SI	540 # 179	*	# 6°00 40 #	SOUTH FORK NIM 97 50.0 A 18	* 000 *
**************************************		OFO A (OC.MI) A (OFO) A		0108		# # C /U # # H	TO A CAND TO KIND OF SEASON	* 1988 * 00698 *	** 1	C SPH	ARKANGAG RIVER 101 51.6 * 18	* 25500 * 255.	* 1	4 W7 PW A	CIIXAOKIA DIVA 97 U4.	* /n * * * * * * * * * * * * * * * * * *	(1	MAN 1014 # #171.	#	# C CC P P P P P P P P P P P P P P P P P	SO A CONTRACT MACHINE METERS	407 a +1MS	** 1	の口 年 37 (人間 一計 主	SOUTH MORK WAS 47 SK. O. 18	# 870 # #N14	# 4 ***********************************	T M M M M M M M M M M M M M M M M M M M	SOUTH FORK NIA 97 52.1 . SI	540 # 179	*	# 6°00 40 #	SOUTH FORK NIM 97 50.0 A 18	* 000 *
**************************************		OFO A (OC.MI) A (OFO) A		0108		# # C /U # # H	TO A CAND TO KIND OF SEASON	winne & occur	* 1	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ARKANGAG RIVER 101 MI. 6 # 18	* 25600 * 251.	* 1	AKE * 37 23.0 * C	TO THE OFFICE AND	*/OT	* * * * *	D # 0°KM KM # XQCU DESCO	01.1			SO A CONTRACT AND A STATE OF STREET	*IMT+ # LOT #	***	の日本 は一人門 一門 本	SE * O.NE TO ANY MOR HINDS	# 870 # #214	* 1	LAKE # M7 N2.55 # C	SOUTH FORK NIA 97 SE.1 . SI	971 * 070 * * 179	*	# 6°00 40 #	SOUTH FORK NIM 97 50.0 A 18	* 000 *
**************************************		OFO A (OC.MI) A (OFO) A		0108		# # C /U # # H	TO A CAND TO KIND OF SEASON	winne & occur		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ARKANGAG RIVER 101 MI. 6 # 18	* 25600 * 251.	* 1	AKE * 37 23.0 * C	TO THE OFFICE AND	*/OT	* * * * *	D # 0°KM KM # XQCU DESCO	01.1			SO A CONTRACT AND A STATE OF STREET	*IMT+ # LOT #	**	の日本 は一人門 一門 本	SE * O.NE TO ANY MOR HINDS	# 870 # #214	***	LAKE # M7 N2.55 # C	SOUTH FORK NIA 97 SE.1 . SI	971 * 070 * * 179	* .	# 6°00 40 #	SOUTH FORK NIM 97 50.0 A 18	* 000 *
**************************************		OFO A (OC.MI) A (OFO) A		0108		# # C /U # # H	TO A CAND TO KIND OF SEASON	winne & occur		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ARKANGAG RIVER 101 MI. 6 # 18	* 25600 * 251.	* 1	AKE * 37 23.0 * C	TO THE OFFICE AND	*/OT	* * * * *	D # 0°KM KM # XQCU DESCO	01.1			SO A CONTRACT AND A STATE OF STREET	*IMT+ # LOT #		の日本 は一人門 一門 本	SE * O.NE TO ANY MOR HINDS	# 870 # #214	*	LAKE # M7 N2.55 # C	SOUTH FORK NIA 97 SE.1 . SI	971 * 070 * * 179	*	# 6°00 40 #	SOUTH FORK NIM 97 50.0 A 18	* 000 *
**************************************		OFO A (OC.MI) A (OFO) A		0108		# # C /U # # H	TO A PARK TO KRIVITE	winne & occur		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ARKANGAG RIVER 101 MI. 6 # 18	* 25600 * 251.	* 1	AKE * 37 23.0 * C	TO THE OFFICE AND	* /n * * * * * * * * * * * * * * * * * *	* * * * *	D # 0°KM KM # XQCU DESCO	01.1			SO A CONTRACT AND A STATE OF STREET	*IMT+ # LOT #	46.4	の日本 は一人門 一門 本	SE * O.NE TO ANY MOR HINDS	# 870 # #214	* 1	LAKE # M7 N2.55 # C	SOUTH FORK NIA 97 52.1 . SI	971 * 070 * * 179	*	# 6°00 40 #	APC A CHAIN YOUTH FOR A LA STATE OF A LA STA	* 000 *
**************************************	T C C C C C C C C C C C C C C C C C C C	CEO A (IN CO) A	TOTAL THE STANKING THE STANKIN	0108		48 4 C	TO A CAND TO KIND OF SEASON	winne & occur		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	HAMILION ARKANGAG AIVER 101 SILE 18	* 25600 * 251.	**	* DANVILLE LAKE * 37 23.0 * C	TARBUR A CALL AND	*/OT	*** (*********************************	D # 0°40 AN # STOASSON NATIONAL AND A STOASSON NATIONAL AND	01.1		4 C C C C C C C C C C C C C C C C C C C	STATE OF THE MACHINE THEORY STATE OF THE STA	*IMT+ # LOT #		の	OI * O'NO LO ANA XEOUT TIOOS NATURALA AT	PARTY OF A PARTY A PAR	***	A NOBELICE TAKE	HO # 1-000 FO FIN YOUR ILLANDS	A DAEN SET	*	* 0.000 VW *	A KINGMAN SOUTH FORK NIA 97 50.9 4 10	* 000 *
**************************************	T C C C C C C C C C C C C C C C C C C C	CEO A (IN CO) A	CONTRACTOR OF THE CONTRACTOR O	* ODDERNAGOO VEDDIGRAMA VE D.S. N. 18. 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	**************************************	## 4 C VIII AM 1	THE THE STATE OF T	SUBJECT AND CONTRACT AND	*	**************************************	* HAMILTON ARKANGAG RIVER 101 BI. 6 4 16	* DOI USBR * 25600 * 251.	*	* DANVILLE LAKE * 37 23.0 * C	TARBUR A CALL AND		*** (*********************************	D # 0°40 AN # STOASSON NATIONAL AND A STOASSON NATIONAL AND	TATE A STRUCT A STRUCT A STRUCT A STATE A STRUCT	# # # # # # # # # # # # # # # # # # #	4 C C C C C C C C C C C C C C C C C C C	STATE OF THE MACHINE THEORY STATE OF THE STA	BINTE & LOT & MINTER THE PROPERTY OF HE	; *	の	OI * O'NO LO ANA XEOUT TIOOS NATURALA AT	D & DAEN SET	* 1	A NOBELICE TAKE	HO # 1-000 FO FIN YOUR ILLANDS	A DAEN SET	#	* 0.000 VW *	A KINGMAN SOUTH FORK NIA 97 50.9 4 10	* 000 *
**************************************	# 1227	CEO A (IN CO) A	CONTRACTOR OF THE CONTRACTOR O	* ODDERNAGOO VEDDIGRAMA VE D.S. N. 18. 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19		## 4 C VIII AM 1	THE THE STATE OF T	SUBJECT AND CONTRACT AND	*	**************************************	* HAMILTON ARKANGAG RIVER 101 BI. 6 4 16	* DOI USBR * 25600 * 251.	**	* DANVILLE LAKE * 37 23.0 * C	TARBUR A CALL AND		*** (*********************************	D # 0°40 AN # STOASSON NATIONAL AND A STOASSON NATIONAL AND	TATE A STRUCT A STRUCT A STRUCT A STATE A STRUCT	# # # # # # # # # # # # # # # # # # #	4 C C C C C C C C C C C C C C C C C C C	STATE OF THE MACHINE THEORY STATE OF THE STA	BINTE & LOT & MINTER THE PROPERTY OF HE	; *	の	OI * O'NO LO ANA XEOUT TIOOS NATURALA AT	D & DAEN SET	* 1	A NOBELICE TAKE	HO # 1-000 FO FIN YOUR ILLANDS	A DAEN SET	#	* 0.000 VW *	A KINGMAN SOUTH FORK NIA 97 50.9 4 10	* 000 *
ATTENDED TO THE TRANSPORT OF STREET S	CONTRACTOR	CEO A (IN CO) A	CONTRACTOR OF THE CONTRACTOR O	* ODDERNAGOO VEDDIGRAMA VE D.S. N. 18. 18. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19		## 4 C VIII AM 1	THE THE STATE OF T	SUBJECT AND CONTRACT AND	*	**************************************	* HAMILTON ARKANGAG RIVER 101 BI. 6 4 16	* DOI USBR * 25600 * 251.	* *	* DANVILLE LAKE * 37 23.0 * C	TARBUR A CALL AND		*** (*********************************	D # 0°40 AN # STOASSON NATIONAL AND A STOASSON NATIONAL AND	TATE A STRUCT A STRUCT A STRUCT A STATE A STRUCT	# # # # # # # # # # # # # # # # # # #	4 C C C C C C C C C C C C C C C C C C C	STATE OF THE MACHINE THEORY STATE OF THE STA	BINTE & LOT & MINTER THE PROPERTY OF HE	; *	の	OI * O'NO LO ANA XEOUT TIOOS NATURALA AT	D & DAEN SET	* 1	A NOBELICE TAKE	HO # 1-000 FO FIN YOUR ILLANDS	A DAEN SET	#	* 0.000 VW *	A KINGMAN SOUTH FORK NIA 97 50.9 4 10	* 000 *
ATTENDED TO THE TRANSPORT OF STREET S	T C C C C C C C C C C C C C C C C C C C	CEO A (IN CO) A	TOTAL TOTAL STATE OF THE STATE	OCEAN A GREENWOOD VERDIGRIM RIVE TO SOUTH IN		## 4 C VIII AM 1	TAULTHOUSE NAME AND A COLUMN TO A USE THE TAULTHOUSE OF THE TAULTH	SUBJECT AND CONTRACT AND	*	**************************************	HAMILION ARKANGAG AIVER 101 SILE 18	* DOI USBR * 25600 * 251.	**	4 # DANVILLE LAKE # 37 23.0 # C	TARBUR A CALL AND		*** (*********************************	C * OFFICE AND THE SECRET SECRET A SECRET SE	OF A CANADA TANDA	# # # # # # # # # # # # # # # # # # #	4 C C C C C C C C C C C C C C C C C C C	SO A CONTRACT AND A STATE OF STREET	BINTE & LOT & MINTER THE PROPERTY OF HE	*	SOUTH THE STATE OF	OI * O'NO LO ANA XEOUT TIOOS NATURALA AT	D & DAEN SET	* 1	A NOBELICE TAKE	NAMED AND THE PARTY OF THE STATE OF THE STAT	A DAEN SET	*	THE PROPERTY AND THE PR	A KINGMAN SOUTH FORK NIA 97 50.9 4 10	# 000 # 120 ZWVの # 110 A 110

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.32 PAGE 52 OF TABLE 1

THE STATE OF THE S	**************************************	* * * * * *			• • • • • •	****	*****		****
	*								
CHERCE COOL	6260°7 10887620	15895738 15895738	65574 254 254 254 254	10 18 14 10 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7257.2	8.00 9.00 9.00 9.00 9.00 9.00 9.00	00 00 00 00 00 00 00 00 00 00 00 00 00	673 9094190 6094190	NN NN - 00 - 04 - 04 - 05 - 05 - 05 - 05 - 05 - 05 - 05 - 05
: * * * * * 5>> : 0:0	****	000	000	000	000	044	* * * * *	*****	* * * *
CONTRACTOR	**						17026 17026		
 	* * * * * * 0 0 0	000	*****	****	****	****	****	*****	****
14	R 表 型 型 型 型 型 型 型 型 型 型 型 型 型 型 型 型 型 型						1001		
****	# 0 4 D	000	000	000	000	00W	000	****	****
X	•	20 M	101	8 0 H	12 W 40 W 10 W 10 W	107 66700 346	103. 75000	71217	# 20 20 20 20 20 20 20 20 20 20 20 20 20
	**************************************	8 18 432,64	* * * * * * * * * * * * * * * * * * *	8 I S	20 H 20 H 30 H 30 H 30 H 30 H 30 H 30 H 30 H 3	* * * O * O O O O O O O O O O O O O O O	ES ***	10 10 14 13 15 14 14 15 14 15 15 15 15 15 15 15 15 15 15 15 15 15	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
****	****	****	****	****	****	*****	****	****	* * * *
S T T T T T T T T T T T T T T T T T T T	4	8 23 6 5 7 4 5 7 7 4 5 7 7 7 7	6 32 6 5 5 5 0 12 8 12 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	8 22.1 7 1.6	7. 15.4 4.6 86	7 16.9 6 26.9 634	71 17 17 17 17 17 17 17 17 17 17 17 17 1	727 6 538 138 138	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
****	* * * * *	****	***	****	***	MO ***	****	****	***
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	**************************************	CLEAR CREEK	DOYLE CREEK	MUD VREEK	VERDIGRIS R Middle chane	ELK PIVER	VERDIGRIS RI	REGERVION UPPER NEO Rock Creek	LAKE NEOSHO RI VE
L ID NO * PRIMARY CD. *NAME OF STREAM DEP * DEP * CODE * TLE * ATUS *	**************************************	CLEARCREEK MARTON DAGN	DOYLE RES.	MARTON .	SEDAN RESERVOIR MARTON BUREC	ELK CITY LAKE Montgomery Daen set	SYCAMORE DES. MONTRORES.	BUSHONG RESERVIO Morpis Burec	* KSCSWTOZO9 * COUNCIL GROVE LAKE * KSOOOO1 * MORRIS NEOSHO RI VE * S SCP I * DAEN SWT
ACTV DEPTOOP ATTER OFFICE CODE CODE CODE ATTER OFFICE CODE ATTER OFFICE ATTER	24	KOGOWTO188 * KOUOUSO * KOUOUSO * DRC I *	4 4 10 10 10 10 10 10 10 10 10 10 10 10 10	X COCKTOISE X X COCOSSIS X X COCOSSIS X X X X X X X X X X X X X X X X X X	KS6SWTO187 * KSUC4S7 * US DRC I *	KSCSWTOROR * KSOOOOR * DRC I *	KOSWITOROII ** KOUIIOO ** ORC II **	X 060 WHO 20 05 X X 20 04 21 X X 10 4 21 X X X X X X X X X X X X X X X X X X	KOCOSKTOROG * KOCOCO * * UCD WCP W

DATE 15 FEB 81 NATIONAL MYDROELECTRIC POWER STUDY TIME 01.18.32

NE SELECTION OF SE	**************************************	***	***	****	* 1020 * 1028 * 1018	***	****	****	* 0.407.00 * 4 * 0.404.00 * 4 * 4 * 6 * 6 * 6 * 6 * 6 * 6 * 6 * 6
CIOOO SO CIESTO	44444444444444444444444444444444444444	4367.1 16359919	P. 000000000000000000000000000000000000	8 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0	1751. 30.881	8030.8 1399.4	80 mm	36 48 48 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	348429
		000	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		ow su	OMM	0
0 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	x & x & x & x & x & x & x & x & x & x &	000	##### 000 000 000 000	O 44 44 44 44 44 44 44 44 44 44 44 44 44	2010 2010 2010 2010 2010	# # # # 0 11 11 11 11 11 11	0	0~~	000
XXXXX	# # # # # # # # # # # # # # # # # # #	00 00 00 00 00 00 00 00 00 00 00 00 00	# # # # 000 000 000 000 000 000 000 000	9000 904 904 8000 8444	1146000 7146000 716	* * * * * 000100 0001000 000000000000000	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1026862 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	110.0 110.0 116.0 178.0
်္ဂ်ီဇ ၆	**************************************		* * * * * * * * * * * * * * * * * * *	4 4 4 ED S 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 CAN 4 4 4 CAN 4 4 4 CAN 4 4 4 CAN	4 CIO	* * * * *	* 101 * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
u w	*			005		rr 4	9 9 10	6.00	មាលម
CONGITUDE DR. AREA CO M. M.) CO M. M.) CO M. M.)	# # # # # # # # # # # # # # # # # # #	200 PM	200 1 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	98 18.0	M 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	37 31. 97 36.	72 74 74 74	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 47 17°
* FM P. ID NO * PRIMARY CO. ENAME TO STREAT * LANGITUDE * ACTY DEP * CONE * DENER * DR.AREA * CONE * CONE * PRIMARY CO. * ENAME OF * CONE * CO	* 0.0	7 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N 4	80 80 M 80 80	or•0 		4.4	W 7.	7.65

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.32 PAGE 54 OF TABLE 1

* CATITUDE * PROLEDUAD. * CATION CONTRACT CONTRA	***************************************	****	
######################################	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2000 2000 2000 2000	3946.0
AND		****	
######################################		000	# # CO
XX 0		411000 411000 411000 411000	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
######################################		00 00 00 00 00 00 00 00 00 00 00 00 00	を
* LATITUDE * *LONGITUDE * * DR.AREA * * (D M.M) *		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
	ANY ANY ANY AND ANY	VERDIGRIS	A KOGONTOCAS A VATES CENTEND TROS A KOCONTA A SCENCEN ON ONE COMPEX B IS INCO II A DARK STANDAM AND A SCHARLE A SANDAMA
**************************************	REPRESENTATION OF THE PROPERTY	A TORONTO LAKE A EODOSON A DARN SET	A VATE CRATE A VATE CRATE A EDDOGON A COAR ORT
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* KO6SWIOZES * YATIS CRNTRA ARS. * KOUSSILE * MONOSON ON E SI SION I A DARK SET

DEVELOPMENT 30 M A L L > K IN TO C K ADDITIONAL 0 2 **4** <u>ы</u>. F A F 8 POTENTIAL FOR CAPACITY E E ELECTRIC z H H Y S I C A L 0 C I.

TW	ic ir		-	· 安全 中央	****	***
### EXIST* EXIST* UNDEC* TOTAL ** EXIST* EXIST* UNDEC* TOTAL ** TO	**	1	I X	3 E 的	3 E	ME 10 4 4 ME 10 1 ME 100
	# # # # # # # # # # # # # # # # # # #		# H C C C C C C C C C C C C C C C C C C		SERVICE AND THE SERVICE AND TH	SERVICE AND THE SERVICE AND TH
0	2		* * * * * * * * * * * * * * * * * * *		**************************************	**************************************
10	O .	1 12 1	* * * * * * * * * * * * * * * * * * *		**************************************	**************************************
本	* * * * * * * * * * * * * * * * * * *				**************************************	
本 本本 本本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本	* * * * *			**************************************	**************************************	**************************************
	* * * * * * * * * * * * * * * * * * *	k k k * * * * * *	**************************************	**************************************	**************************************	**************************************

N N N N ا د د د د DUITIONAL 0 ø æ ⋖ ia. z لعا œ 0 ta. a z ⋖ POTENTIAL > CAPACIT P H Y S I C A L) 1 8 ن u. ____ iet. æ O; ★ H

×

0 ⊃ F Z

E.

0

in:

9 T A T

T.

**************************************	**************************************	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# M G	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	COLUMNS 2 AND W)
在我就会在我也就在我	****	# OC # # OC # # OC # # # # # # # # # # #	*	* OP * NN3 * * * * * * * *	* MOO	*	* * * * * * * * * * * * * * * * * * *
* * * * *	4	* 500	* * * * * * *	* * * * * * *	* * * * * * *	* 0M * 44W * 044	#
* * * * * * * * * * * * * * * * * * *	# D C C C C C C C C C C C C C C C C C C			# 10.00 # 10.00		* 60 NJ * 01 G	*
****	* W H W H W H W H W H W H W H W H W H W	* * * * * * * * * * * * * * * * * * *		M + 0 + 1		# 10 to 10	* HH 00 4 HH 00 4 HH 00 C L C C C
* (2)	**************************************	e e	± 00 ↔ 10 ±	40 4	א הא נה אח הס	4.40	
* * * *	**** **** **** **** **** **** **** **** ****	**************************************	000	******		*	K 0 21-0
* 32	*>ZQ	000		k ~ 0 1	k 2010 +		
* 3 E W W W W W W W W W W W W W W W W W W	***** ***** *****	* * * * * * * * * * * * * * * * * * *	000	K 6		k + (E)	
**************************************	* * * * * * * * * * * * * * * * * * *		* * * * * 000		000 00		EX LOD N N N N N N N N N N N N N N N N N N N
****	**************************************		k - 1	k 5;	K	r → ₹ ;	F PE *
*****	W DOX	000	x	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	K # # # # # K M OU OD K B OO K B OO K	EXTSTING HYDROPOWER DODITIONAL POTENTIAL
* * * * * * * * * * * * * * * * * * *	* X X X X X X X X X X X X X X X X X X X	ີ ທີ່ ຕິກີ ສ	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	AOM A	X
**	**************************************	000	000	20		* * * * * * * * * * * * * * * * * * *	K H H H K → 0.199
***** 420 0-410 2014- ****	**** 931 HZ H>W	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *			C N N N N N N N N N N N N N N N N N N N	555
	ww	0=19	6 7 9	0	7100	TOTAL	K K K K

DATE IS FEB BI NATIONAL HYDRÜELECTRIC PÜWER STUDY TIME 01.18.33 PAGE 55 OF TABLE 1

ARXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	2003	* * * * * * *	2 # # # # CJOO	# # # # # # # C C	1	* * * * * *			* * * * * * * * * * * * * * * * * * *
** (# (# (# (# (# (# (# (# (# (# (# (# (#		4 4 4 4 4 5	11111 * 75.628 *	1110 110 110 110 110 110 110 110	4 00 P. 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 20 20 20 20 20 20 20 20 20 20 20 20 2	1979 181 a 41	9889. 23.876	2017.6
X	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * O O O O O O O O O O O O O O O	140000 141 140000 14 0000 14 4 0000	4 4 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	* * * * * * * * * * * * * * * * * * *	9 44 4 4 4	UI O C C C C C C C C C C C C C C C C C C	M 94000	* * * * * * * * * * * * * * * * * * *
**************************************	* * * * * * * * * * * * * * * * * * *	111 113 13 13 13 13 13 13 13 13 13 13 13	70000	13.27 13.27		5 * * * * * * * * * * * * * * * * * * *	4.40 6.60 6.60 6.60 6.60 6.60 6.60 6.60	75000	0 0 0 0 ** ** ** ** ** ** **
****		6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00 00 00 00 00 00 00 00 00 00 00 00 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	75.00 44.00 44.44.44	000 000 000 000 000 000 000 000 000 00	W 20 ON	110000 # 110
* # # # # # # # # # # # # # # # # # # #	**************************************	# # # # # 000000 2 LL	2000 000 4 4 4 0 0 0 4 4 4 4 4 4 4 4 4 4	CR OP 1410,004	100 0.0 100 0.0 0.0 0.0 0.0	CO III	79 N	2	· · · · · · · · · · · · · · · · · · ·
******	######################################	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	37 11.8 * 89 2.2 * 203100 *	90 90 90 90 90 90 90 90 90 90 90 90 90 9	88 88 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	20 m 20 m 21 m 10 m 10 m 10 m 10 m	88 14 17 17 17 17 17 17 17 17 17 17 17 17 17	24 E E 7 C C C C C C C C C C C C C C C C C	8 37 12 20 38 38 38 38 38 38 38 38 38 38 38 38 38
# # # # # # # # # # # # # # # # # # #	**************************************	MOUND CITY L+D BALLARD DAEN ORL	* OMIN RIVER LOCK + DAM 53 * BALLARD OHIG RIVER * DAEN ORL	* BARREN RIVER LAKE ** * BARREN BARREN RIVER * * DAEN ORL	* CAVE RUN LAKE * SATH * DAEN DRL *	* KETTLE IGLAND DAN * BELL * DAEN ORN * DAEN ORN	* HINCKSTON CHEEK * HOUNNSON HINCKSTON CREK *	* CAPTAIN ANTHONY MELDAHL L+D * BRACKEN OHIO RIVER * * DAEN ORH	* 37 * TROUBLESOME CK * 37 * KY6ORLO107 * TROUBLESOME CK * 37 * KYUOO13 * BREATHITT
* * * * * * * * * * * * * * * * * * *	* XYAURIO101 * XYAURU	** KYADRLO102 ** KYUO022 ** 6 DRC I	* KYAURLO103 x * KYO3042 x * DFC I x	** KYCORLO104 ** KYCORLO104 ** KYO3009 **	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* KY60RL0107 * KYU0013 * S DRC

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,33 PAGE 56 OF TABLE 1

**************************************	· 作者 在 本 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在	200 N			1001			1001	2003
***	***	*****	****	****	****	****		****	***
NUL** NUL** (1000*) (1000*)	# # # # # # # # # # # # # # # # # # #	17948	88 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	M M M M M	24 a a a a a a a a a a a a a a a a a a a	1705.6 350.16	25722 1.452	2.00 2.00 2.00 2.00 3.00 3.00 3.00 3.00	758,72 38,710
######################################	************	**************************************	106020201106020201	****	40 40 M W O NP NP O NP NP	4 4 4 4 4	1199169 * * 1199169 * *		* * * * 10000000000000000000000000000000
* * * * * * * * * * * * * * * * * * *	# 0 9 0 7 11 # 0 9 0 7 11 # 0 9 0 7 11	179656 179656 179656	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * *	* * * * * * * O 37 0 M M	0000	5 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	10 10 10 10 10 10 10 10 10 10 10 10 10 1	00029
* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	100°0 100°0 61°0°0	0.00 0.00 0.00 0.00 0.00 0.00	4 0 4 00 00 4		4444 4444	00 6 00 6 00 6 00 6	1660 074 074 000 000 000 000 000	
*4 0 ~	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	CR0 0p 248,0	120.021	7 00 00 00 00 00 4 4 4 0 0 0 0 0 4 0 4 4 4 4	CR OP 1054 4 4 4 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100 100 100 100 100 100 100 100 100 100
****	* ~ 0 7 * * * * * *	****	****	* * * * *	****	∞ N N × * * *	****	****	
* * * * * * * * * * * * * * * * * * *	84 WA 84 84 84 84 84 84 84 84 84 84 84 84 84	112. 512. 518.0	0 80 W	8 4 4 8 4 4	25 20 20 10 10 10 10 10 10 10 10 10 10 10 10 10	375	2 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	16.7 14.6 703	47.1 6.2 3219
******	* * * * * *	M 00	* * * * *	* * * * *	# # # # #	****	****	*****	11# 37 47°1 IVE* 84 6°2
* %		GREEN RIVER	LICKING RIVER	LOCK + DAM 01* KENTUCKY RIVE*	LITTLE SANDY	RED BIRD RIV	+ DAM 50 OHIO RIVER	NOLIN RIVER	LOCK + DAM 11: KENTUCKY RIVE
* 1	**************************************	ROCKESTER Butles	POOLES CREEK CAMPBELL	KENTUCKY RIVER CARBOLL DAEN ORL	GRAVSON Capter Daen ori	RED BIRD RIV CLAV	OMIO RIVER LOCK Crittenden Omen orl	NOLIN LAKE EDMUNSON DAEN ORL	* KYADRLO118 * KENTUCKY RIVER LOCK + DAM * KYOSO23 * ESTILL *? DFC I * DAEN DRL
# # # # # # # # # # # # # # # # # # #	# X Y C D R D B B B B B B B B B B B B B B B B B	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* KYADRLO111 * KYADRLO111 * KYOMO13 * * * * * * * * * * * * * * * * * * *	* KYCDRHOOOS * * KYCDRHOOOS * * * * * * * * * * * * * * * * * *	* KY60RL0113 * KY00011 * KY00011 *	* KYABRL011S * * XY03039 * * 5 DRC 1 * *	**************************************	* KYAURLO118 * KYO3023 * * E OFC I *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,33

T DOX A R	# # # # # OO # OO # OU # OU	: • • • • • •	1 # # # # 00 pt	8,8,8,8,8 NO OO	N	* * * *		****	有機構造物を含物を含物を含物を含物を含物を含物を含物を含物を含物を含物を含物を含物を含物
	* * * * * * * * * *	: # # # # # # 		*****	****	****	•0 •4 • * * * *	*****	610 4 4 4 4 4 4
E COOO E COO E COO E CO E CO E CO E CO	2000 2000 2000 2000 2000	4 분 하 보 하 보 하 하 하 함	6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	766.		81507	4012. 838.6	65000 458.11	7958.6 21.618
		0 9 9 9 9 9 9 10 10 10 10	0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 0	26 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 000000000000000000000000000000000	0 (1 ft)	44 000 044	* * * * * * * * * * * * * * * * * * *	
MACOUNT STANDS OF STANDS O			#### O & & & O & O M M	12.12.12.12.12.12.12.12.12.12.12.12.12.1	8 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6645	* * * * * * * * * * * * * * * * * * *	# # # # O O O O O O O O O O O O O O O O	年 00007 年 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
		00000 00000 00000 00000 00000	11 G	4400 10 00 4 4 4 4 4	24 N N N N N N N N N N N N N N N N N N N	130000	137000 #	* * * * * * * * * * * * * * * * * * *	# 0 " # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
RECONSTRUCTION OF THE PROPERTY	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	 60 	CRO 227.0*	2.0 6.0 1.10 6.0 1.10 6.0 1.10 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	TZ T	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # N6 W # #		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
2	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	₩ ₩ ₩ ₩ \$ \$ \$ ₩ \$ ₩	と の な な な な な な な な な な な な な な な な な な	M 80 80 4 M 10 10 4 M 10 10 4 M 10 10 10 10 10 10 10 10 10 10 10 10 10	38 84 84 84 84 84 84 84 84 84 84 84 84 84	84 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	808 800 800 800 800 800 800 800 800 800	200 200 200 200 200 200 200 200 200 200	38 38 88 88 88 88 88 88 88 88 88 88 88 8
######################################	AND TOOK AND SHORT STORY AND STORY A	X STATION CAMPED X S S S S S S S S S S S S S S S S S S	LOHNO CREEK	* COCK + DAM 04* KENTUCKY RHVE*	AND DAM OHIO RIVER	요 4 10 10 10 10 10 10 10 10 10 10 10 10 10	TYGARTS CREEK	LITTLE SANDY	OHIO RIVER
*	**************************************	STATION CAMP CK	DEWEY FLOYD DAEN ORH	KENTUCKY DIVER FRANKLIN DAEN ORL	MARKLAND LOCKS GALLATIN DAEN ORL	RAGLE CREEK GRANT	ARGENTUM GREENUP	* ARGILLITE * GREENUP *	* GREENUP L+D * GREENUP * DAEN DRH * DAEN
* * * * * * * * * * * * * * * * * * *	######################################	** KY6ORLO117 * KY6ORLO117 * KY6ORLO117 * KY0OO14 * KY0O	* XYCORHOOD	* KYADREO120 * KYADREO120 * KYOWO16	* KYGORLO301 * * KYGORL0301 * * KY03033 * * 6 OFC I *	* XY60RL0121 * XY60RC 0121 * XY00030 * * S DRC * * * * * * * * * * * * * * * * * * *	XY60RH0005 XYU0091 X DRC I X X	* * * * * * * * * * * * * * * * * * *	* KYADRHOOO6 * KYUOO96 * K

DATE IS PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.33

58*	***	****	***	***	***	****	***	****	***
######################################	"	1002	:		1002	1000	000	1002	2
		***	****		****	***	***	****	4
### ##################################	# # # # # # # # # # # # # # # # # # #	9478.9 27.879	4 6 6 8 8 8 8 8 8	1888 1648 7.	587 .00 .00 .00 .00	6927 41.702	878 84.79 8	64 85 24 80 80 80 80 80 80 80	
		W W 000000		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	0.000 44 0.0000 0.000 00	* * * * *	10000000000000000000000000000000000000	
MACO MACO	OMM OMM OO MM	71000	0.0 0.44	o m m	44 000	372 0 372 0 0 0	000 mm mm	C O O O O O O O O	# 00000 # 00000 # 00000 # 00000 # 00000
	K	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 10 10 10 10 10 10 10 10 10 10 10 10 1	##### 	** * * * * **************************	3 00 00 00 00 00 00 00 00 00 00 00 00 00	2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
		* * * 0°06926	3.00 6.00 8.00 8.00 8.00 8.00 8.00 8.00 8	A A A A A A A A A A A A A A A A A A A	20°024M1	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	70 00 9240 4440	* * * * * * * * * * * * * * * * * * *	N. 4 400.000
* LATITUDE \$PROJECTOR * DAN THE STANDARY STANDAR		M7 51.9 86 42.9 97690	00 00 00 00 00 00 00 00 00 00 00 00 00	25 25 25 25 25 25 25 25 25 25 25 25 25 2	20 00 00 00 00 00 00 00 00 00 00 00 00 0	37 54.6 87 21.7 97690 #	20 20 20 20 20 20 20 20 20 20 20 20 20 2	20 22 UN RU RU RU VI Q- C GO MU	MO 166 M # # 40 M # 40 M # 40 M # # 40 M # # 40 M # 40 M # # 40 M
K	**************************************	AND DAM ** CHIC RIVER *	00 4 8 8 7 0 7 0	CEOVER FORK * * *	* * * * * * * * * * * * * * * * * * *	DAM. OHIO RIVER **	LOCK AND DAM KENTUCKY RIKEN	RIVER LOCK + DAM ON KENTUCKY RIVER RE	AND DAM CHIC RIVER +
TATA STANDARY STANDARY STANDARY STANDARY STANDARY STANDARY STANDARY CO. IND. STANDARY CO. IND. STANDARY CO. IND. STANDARY CO. IND. STANDARY CO. STAN	KEFNUF TYGARTS CRI	CANNELTON LOCKS Hanggck Daen orl	CRANKS CK LAKE Harian Harian County	UDPTN90000 Harian Daen Orn	GREEN R L + D ² Henderson Daen orl	NEWBURG LOCK + HENDERSON DAEN ORL	KENTUCKY RIVER Henry Daen orl	KENTUCKY RIVER HENRY DAGN DRL	* KYGORLOWOZ * MCALPINE LOCKS AND DAN * KYGORLOWOZ * JEFFERSON CHIO ZIVER * 6 DFC I * DAEN UR!
	# # # # # # # # # # # # # # # # # # #	TANGERONDON TANGERONDON TANGEN TO THE TANGEN	# KYCORNOO30 # KYCORNOO46 # KYOOO46 # # 55 DRC I # #	* * * * * * * * * * * * * * * * * * *	A KYADRLO128 A KYADRLO128 B KYOMODE A KYOMODE A K	* * * * * * * * * * * * * * * * * * *	* KYAURLO128 * KYAURLO128 * KYO3014 * K	KYAGRLO129 KYAGRLO129 KYAGRLO129 KYOSO13 KYOSO15 KYOSO	* XYGURUONOU * * XYGURUONOU * * * XYGURUONOU * * * * * * * * * * * * * * * * * * *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.33 PAGE 59 OF TABLE 1

	* TAT D. 10 NO * PROJECT NAME * TAT 1 TO NO * PRIMARY CO. INAME OF STREAM *LO * ACTY DEP * DAMARY CO. INAME * CODE * TILE * STATUS * ATTOS * A CO. INAME * STATUS * A CO. INAME * STATUS * A CO. INAME * CO. I	ONGHITO ONGHITO ON ARTHOO ON ARTHOO ON ARTHOO ON ARTHOO ON ARTHOO			**************************************	111- 122- 122- 122- 122- 123- 123- 123-			NONECONOM FRC COMPOSI ENCE RANK DENCE RANK
**************************************	* 60 * 60	* O N IN	* * * * *	4 4 4 00 00 00 00 00 00 00 00 00 00 00 0	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# # # # # # 0 0 0 # 0 0 0 # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * *
LUCK + DAM 08% 37 44 KENTUCKY RIVE% 84 35	7 P 3	14.14	2D	6601 0.01 0.01 0.01	**** () (8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		* * * * * * * * * * * * * * * * * * *	# # # # # # O C N
LOCK + DAM 09* 37 5 KENTUCKY RIVE* 84 2	F 7	0 0 1 0 0 1	2C	4 * * * *	N = 100 = 10	* * * * * * * * * * * * * * * * * * *		527 31. 81. 822. 84.	# # # # # # # # # # # # # # # # # # #
O (1) - M	r N	* * * * W	****	CRU	* * * * 000 000 000 000 000 000	4 4 4 4 7 ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	000 999 6444	NU 42 NU 40 NU NU 40 NU	2010
CARR FURK * 63 3	► W	4 4 ED	****	00 00 00 00 00	447700 447700 4477000 4474		/ / / / / / / / / / / / / / / / / / /	25. 42. 60.00 44.44.44.44.44.44.44.44.44.44.44.44.44.	2010
A TELLING FK SA A BUT A	Int Ect	3 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	* * * * *	U 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7116	16057 * *	* * * * * 31 00 00 00 00 00 00 00 00 00 00 00 00 00	
R * 36 . LAUREL RIVER * 84	1 0 4	58 . 4 7 . 1 1 4 0	***	0 0 0 0 0 0 0 0 0	名 本 本 本 本 十 つ い の か ・ 似 ・ ・ つ ・ の ・ ・	* * * * * *	000	M M A A A A A A	
LAUREL RIVER * 84 R DIST '2 *	W 00	5.9		8 0P #170.6#	M = 0 M	000	rkkkt	36.404 6720.1	
* XYIORNOO31 * LAUREL LAKE * 36 5 * XYO3046 * LAUREL LAKE LAUREL R. * 84 1 * 5 5CP I * DAEN DRN * *	0 4	57.6 16.1 283	****	CHR **		61000	64045 64045 64045	00	***

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,34

# XHCXX	**************************************	80 00 01 1	****	n oo a		****		****	***
# # # # # # # # # # # # # # # # # # #	**************************************	M451.9	พ พ พ ข • ถ ถ • ถ	736,58 39,180	713.89	3277.0 83.163	1597.3 102326	ด พ.ศ. พ.ศ. พ.ศ.	873.67
# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44444 040 010 010 010 010		8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.8.		W W G G G G G G G G G G G G G G G G G G	0 m in	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * O 0 0 MM
* * 0333 *******************************	版 4 年 10 mm	0 0 0 3 3 3 3 4 4 0 0 0	10704 10704 10704 10704 1	6100	000 000 000 000 000 000 000	***** OMMO 0000	0	W W ST W ST W ST W ST W ST W ST W ST W S	C 0 0
****	# # # # # # # # # # # # # # # # # # #	1000 1000 1000 1000 1000 14444	120°0 18050 66°0 4 # # #	60	6 M *01 *01 *01 *04 *04 *4	1200000 00000 00000 00000 00000	* * * * * 0 00 00 0 00 00 0 00 00 0 00 00 0 00 00	00000000000000000000000000000000000000	0.00 M M M M M M M M M M M M M M M M M M
* * * * * * * *	* * * * *	****	* * * * *	****	****	****	****	****	***
A CEO	# CC CC F F F F F F F F F F F F F F F F	CR0 PA 234	1950.0	00 4176.04	2 9868 853	1977.0	126.0	0 8 8 8	# # M * 100 H
******		*****	****	**** GO 4146	90 60 20 ****	****	****		10 20 20 4 * * * *
**		5. 24	MW68-WW 44 4000 44 44 44 44 44 44 44 44 44 44 4	4176	3986	100 m 1 m 100 m 10	%	92,	0.0
**		10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	M W6.1	2 # 1000 M LM B LM B B LM B B B LM B B B LM B B B B	101 W 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # 00 cm	* * * * * * * * * * * * * * * * * * *	0.0
**************************************		20	M W W W W W W W W W W W W W W W W W W W	LOCK + DAM 134 37 36.1 & N KENTUCKY RIVER 83 50.0 & DP A 2764 & 4176	LOCK + DAE 142 W7 WW.1 # N KENTUCKY RIVER 634 4 OF # 20657 4 W986	MY MS 1 4 00 M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	37 7.6 * 82 57.6 * 1955 * 892.	0.0
# # # # # # # # # # # # # # # # # # #		CAFEEX 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	FK KENTUCK BUNGO A MUNGO A MUN	+ DAM 134 M7 16-1 A N LCKY RIVER 83 50-0 A DP A 2784 + 4176	14 4 37 33 46 1 4 Z	COUNTY WIN A A COUNTY A A WAY WIN A A A A A A A A A A A A A A A A A A A	CAEFEX W 1 1 W 2 W 2 W 2 W 2 W 2 W 2 W 2 W 2 W	FK KENTUCK* 87 7.66 * 109.7.66 *	02K * 37 :0.0 * 4 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,34

. 20246				****	M 0000	****	.0.0	* * * * * ****************************	
ANUL B 10001 A M	# 0.000 P	CREST CONTROL	00	# # # # #		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		# # # # # # # # # # # # # # # # # # #	
* - M M M M M M M M M M M M M M M M M M	4 00 6 6 1 4 4 4 0 0 6 6 1 4 4 4 0 0 6 6 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11 12 12 12 12 12 12 12 12 12 12 12 12 1	761600 **	674 674 674 674 674 674 674 674 674 674	****	0.00	TI TI TI	142500 * 1425	
* C C .		11 1200000 11	130000	0 88 81 81 81 81 81 81 81 81 81 81 81 81	4 4 6 0 0 0 6 0 0 0	000	175000	69100	win o co
4 4 (- La Cot)		M	109°0 109°0 1080 1080 1080 1080 1080 1080 1080 10	105°0 440000 77°9	00 00 00 00 00 00 00 00 00 00 00 00 00	0.004	# # # # # # # # # # # # # # # # # # #	* * * * *	M M M M M M M M M M M M M M M M M M M
* A C C C C C C C C C C C C C C C C C C		P2000000000000000000000000000000000000	TINCA CO CO SUBGOUS WARE	W 058	20 ME 00 ME	114.0	27 00 1 27 00 1 30 00 1 40 00 1	2000 0000 0000 0000	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
\$ m m	14 W 900 1	7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	37 1.3 88 13.3 17598	2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	37 0.7 88 16.1 40200	2	87 31 90 87 15 6
Σ	**************************************	OHIO RIVER	CUMBERLAND	KENTUCKY RIV	TOOK + DAM 10 KENTUCKY RIVERY RIVERY RIVERY REPARENTED TO THE PROPERTY RIVERY REPARENT REPARE	LICKING PIVER	# E E E E E E E E E E E E E E E E E E E	CHICRIVER	CK + DAM OR GREEN RIVER
**************************************	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	SMITHLAND L + D LIVINGSTON DAEN ORL	LAKE BARKLEY Lyon Daen orn	FORD MAD T SOR	KENTUCKY RIVER Madison Daen drl	ROVAL TON Magnppin	KENTUCKY LAKE Marshall HVA	OHIN RIVER LOCK MCCRACKEN DAEN DRL	* * KYADRLO155 * GREEN RIVER LOCK + DAM O2 * KYO3003 * MCLEAN GREEN RIVER * Z DFC I * DAEN DRL
* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	* KYIDRNOO37 * KYOSOO37 * KYOSOO3 * * S OFC I *	* * * * * * * * * * * * * * * * * * *	THE TANDAL OF TH	* * * * * * * * * * * * * * * * * * *	* * XYIORNOOWS * * XYOW400	* KYAURL0154 * KYO3041 * KYO3041 * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.34 PAGE 62 OF TABLE 1

# (#)		-	X						-		_		_	. 📆 '				-		* *	7.			-				-				
THE COLUMN TO THE PARTY OF THE PARTY AND THE PARTY OF THE	X 2	CORDURNOR RANK)		•	000			2005			,	1005			2005				3							100			1001	,		
	2	≪ Ø ;	k K		¥			80				2			20			0	3						•	-			-			
K E W	֓֞֞֟֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֓֓֓֓֓֡֝֓֡֓֡֝֓֡֡֝֓֡֓֡֓֡֡֝֡֡֡֝֓֡֡֡֝֡֡֡֝֓֡֡֡֡֝֡֡֡֡֡֡	E S		_																												
* C Z	E Z			ċ																												
* U C I	# ⊃ =	SEDUENCE																														
* CC	<u>.</u>	. ت										.									. 44	*	* 4	. 2		*	* *	* 4	. .	* .		* *
# F				-		_			-			_				-	. Pr	_				_		-	4			~ `		Ī	7 . T	
* 5 0	1000 8)	Î	K 4.4	9			9	_		2	-			4220.0	7		9	3		4.8	M 0 0			7	in			6,4	P		27.52.1	480.84
× × 20 ± ±	000	E .	* 45 I	2			951	n O U		119	43			422	202		3716	7		k.	1 EU			691.7	36.			386.	2		27.5	480
N C S	S		k H																													
* * *	* *	* * :	# # ·	* •	* *	*	* 1	*	*	* *	*	# ·	* *	* 1	* *	# 1	* *	* *	*	* *	*	*	# #	*	*	* + 	* *	* +	. *	* *	* *	* *
# N E G	1 C		E C	20000	9		3	5900		-	27700	ĕ		0	42061		Ŭ	137000	Ś					_	916	ē.		949	Š		Ū	5723
K - W I	Z I	SE SE		000	0 V		2	n en			2	2			1 4			2 2	•						***			-	4	•		w, w,
	5		K K																													
*	# #	* * *		# 1	* *	*	* 1	*	* 1	* *	*	* 1	* *	# 1		* 1	*	* *		* *	*	*	* *	*	*	* 1	* *	* *	* *	# 1	* *	* * :
K CAO	e.	_ }	E C	00000	500		~ ?	2000		J	0006	ĕ		9	17085		~	00004	}	_	_	_		_	7784	7.00		- 6	0000		_	121
200	X X	33			0		u	r: (F)			O.			:	-			4 4	ř						~			,,,,,	* 174	,		
K H U I	5	, ,	k F																													
	=		¥ ¥			_					_	ر سد										_			-	* 4				*	* *	* *
	•			9	-	_	0 0	o ne	•	m	, N			0 9	3 %	-	· •	0		Ć	20	·		0	0			0 0			0	30
K F K C	Ē	-	100 C		'n		S .	112,2		380				2	00000 00000		18	898300	•	7	909	3		160	0	٥		195.	C		4	167814
K A C X A C C C C C C C C C C C C C C C C	* (L)	CAC F		λ U			V	7		P.	·			CU F	2		-	80						_	M				•		_	-
E E (* *	# # 5	* * .	* :	# # #1	*	*	* 0	*	* *	#	*0	* #	*	* *	* 1	* *	* *	: *	* *	*	*0	* *	*	*	ě.	* *	* 4		*	* *	* *
<u> </u>	3		-		•							•							•			•				• .				•		
. E. W.		6	k	,	9			er.			,	ď			0			C	3			46							5.			in in
* O P	لد >	3	K K K	3	010		œ	5.59			,	9212			1030			4500	מי		_	46		~		5.6		۵,	16.5	: r		352.0*
######################################		3		3	10101		က က က က	5.59		Z	G.	2			1030			4500	ה ה ה	α	8	446		æ	6	9		د د د د د	16.5	: r		M 80
* 0.	لد >	3		3	# # #		01. 00 2	5.59	*	2	,	2	* *	*	1030	*	* *	* *)))	a * *	d 5	# 46	* *	œ U		2.59 -	# #	# 1	16.5	: r	* *	* MUSS-0.
* # *	# *	* *		V O. *	00101#	: #	# 	0.15 * 0.19 0.19 * 0.19	*	* *	d0 *	41 * 9212	* *	# ·	87 * 1030	•	* *	* *	. *	* *	. #	#	* 1	*	•	.	* *	* 1		**	* *	* *
* # *	# *	* *		V O. *	00101#	: 4	\$ 10° 0.3	10.00 m 10.00 t 10.00 m 10.00	*	* * %	34.0	141 * 9212	* *	ec e	687 * 1030	•	₩)	in i	. *	* * * * * * * * * * * * * * * * * * * *	17.6 #	#	* *	20.3	28.3 * 09	.	* *	# 1	395 * 465	**	-3	4.00 4.00 4.4
* # *	# *	* *		V O. *	00101#	: -#	4°55 ★ C325	0110 # 0217 n	*	* * %	4.0 * 0.0	141 * 9212	* *	37 28.6	687 * 1030	•	38 35.7 *	to the to the total to the total tot	. *	* * * * * * * * * * * * * * * * * * * *	4 9 4	#	* *	7 20.3 *	83 28.3 * 09	.	* *	* 1	395 * 465	**	38 49.9 *	W 450.7
A TANKARA A TANK	# *	* (X = X O) * (C) * (X = CO) *	REFERENCE REFERENCE REFERENCE A MOOD OM R	# 60 50 # PA	00101#	: -#	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	500 * 500 * 100 * 1	*	3 * 37 12.8 *	* 86 54.0 * 00	141 * 9212	* *	* 37 28	A 4 0 40 40 4 4 10 30	**	80 80	TOWN OF THE PARTY	. *	* * * * * * * * * * * * * * * * * * * *	A 64 17 6 4	4 18 *	* 1	7 20.3 *	83 28.3 * OP	.	* *	# 1 00 0 mm	TO W MON *	**	-37 -37	W 450.7
ANALANANANANANANANANANANANANANANANANANA	# *	# (X° X° O) # (C) # (C) #	THE REPORT OF THE PERSON OF TH	KIA 60 50°C # PA	00101#	: -#	TO T T T T T T T T T T T T T T T T T T	ono a contra a	*	03 * 37 12.8 *	ER * 86 514.0 * UP	141 * 9212	* *	* 37 28	UEN* 03 40 40 4 1030	**	80 80	* TO THE TO THE TO THE	. *	* * * * * * * * * * * * * * * * * * * *	FEK* 84 17.6 *	7 4 10	***	7 20.3 *	AFFE BU NO. W	.	* *	# 1 00 00 PM 4 1	TO A NOW T	**	7 M * *	* 10 mm * 10 m
ANALANANANANANANANANANANANANANANANANANA	# *	# (X° X° O) # (C) # (C) #	THE REPORT OF THE PERSON OF TH	KIA 60 50°C # PA	00101#	: -#	100 × 100 ×	0119 * 027 * 0119 *	*	3 * 37 12.8 *	ER * 86 514.0 * UP	141 * 9212	* *	* 37 28	A 4 0 40 40 4 4 10 30	**	80 80	A Louis at Anny t	. *	* * * * * * * * * * * * * * * * * * * *	CERTEX 84 17.6 *	7 4 10	* 1	7 20.3 *	AFFE BU NO. W	.	* *	# 00 00 00 10 10 10 10 10 10 10 10 10 10	TO K NAME OF THE PROPERTY AND A MODELLY AND	**	7 M * *	* 10 mm * 10 m
ANALANANANANANANANANANANANANANANANANANA	# *	# (X° X° O) # (C) # (C) #	THE REPORT OF THE PERSON OF TH	KIA 60 50°C # PA	00101#	: -#		Sing a some a sign of the some and the some and the sign of the si	*	DAM 03 * 37 12.8 *	RIVER * 86 54.0 * DP	141 * 9212	* *	80 FM + 2001	ANNIOCNA 05 40.00 A 10000	*	80 80	A Louis at Anny t	. *	* * * * * * * * * * * * * * * * * * * *	CERTEX 84 17.6 *	7 4 10	e i	7 20.3 *	AFFE BU NO. W	.	* *	# 00 00 00 10 10 10 10 10 10 10 10 10 10	TO K NAME OF THE PROPERTY AND A MODELLY AND	**	30 Ma * *	* 10 mm * 10 m
ANALANANANANANANANANANANANANANANANANANA	A CD W A VIII	# (X° X° O) # (C) # (C) #	THE REPORT OF THE PERSON OF TH	KIA 60 50°C # PA	00101#		THE THE STATE OF T	ONG * CONT *	*	DAM 03 * 37 12.8 *	RIVER * 86 54.0 * DP	141 * 9212	* *	60 TM + 50 CM	77 783 00 100 4 100 80 4 100 80 4 100 80 4 100 80 4 100 80 80 80 80 80 80 80 80 80 80 80 80 8	**	80 80	* TO THE TO THE TO THE	. *	* * * * * * * * * * * * * * * * * * * *	FEK* 84 17.6 *	7 4 10	* 1	7 20.3 *	83 28.3 * OP	.	* *	# 1 00 00 PM 4 1	TO K NAME OF THE PROPERTY AND A MODELLY AND	**	30 Ma * *	* 10 mm * 10 m
ANALANANANANANANANANANANANANANANANANANA	A CD W A VIII	# (X° X° O) # (C) # (C) #	THE REPORT OF THE PERSON OF TH	KIA 60 50°C # PA	00101#		THE THE STATE OF T	ONG * CONT *		DAM 03 * 37 12.8 *	RIVER * 86 54.0 * DP	141 * 9212	* *	60 TM + 50 CM	ANNIOCNA 05 40.00 A 10000	***	M: 48 40 M: 4	LICKING BIVERS 84 100.7 +	. *	# 1 27 W T CO W 1	XINCAID DEFINE 64 17.6	OF KENTUCKY * 31 * 4	***	* W4 RO.W *	MIDDLEFORK KEE 8M 88.W . OF	.	* *	# 00 00 00 10 10 10 10 10 10 10 10 10 10	TO K NAME OF THE PROPERTY AND A MODELLY AND	**	30 Ma * *	* 10 mm * 10 m
ANALANANANANANANANANANANANANANANANANANA	A CD W A VIII	# (X° X° O) # (C) # (C) #	THE REPORT OF THE PERSON OF TH	KIA 60 50°C # PA	00101#		THE THE STATE OF T	ONG * CONT *		DAM 03 * 37 12.8 *	RIVER * 86 54.0 * DP	141 * 9212	* *	60 TM + 50 CM	77 783 00 100 4 100 80 4 100 80 4 100 80 4 100 80 4 100 80 80 80 80 80 80 80 80 80 80 80 80 8	*	M: 48 # # #	LICKING BIVERS 84 100.7 +	. *	# 1 27 W T CO W 1	XINCAID DEFINE 64 17.6	LTH OF KENTUCKY * 31 * 4	* *	* W4 RO.W *	MIDDLEFORK KEE 8M 88.W . OF	.	* *	# 00 00 00 10 10 10 10 10 10 10 10 10 10	TO K NAME OF THE PROPERTY AND A MODELLY AND	**	30 Ma * *	* 10 mm * 10 m
ANALANANANANANANANANANANANANANANANANANA	A CD W A VIII	# (X° X° O) # (C) # (C) #	THE REPORT OF THE PERSON OF TH	KIA 60 50°C # PA	# # # # # # # # # # # # # # # # # # #		THE THE STATE OF T	ONG * CONT *		DAM 03 * 37 12.8 *	GREEN WIVER & 86 SA.O & DP	* 6141 * 9210	* *	THE LAKE + 37 98	OMO	*	M: 48 # # #	LICKING BIVERS 84 100.7 +	. *	# 1 27 W T CO W 1	XINCAID DEFINE 64 17.6	LTH OF KENTUCKY * 31 * 4	***	* W4 RO.W *	MIDDLEFORK KEE 8M 88.W . OF	\$ \$00† ≠ ·	* *	THE STATE OF THE S	IN THE CONTRACT OF THE CONTRAC		30 Ma * *	* 10 mm * 10 m
ANALANANANANANANANANANANANANANANANANANA	A CD W A VIII	# (X° X° O) # (C) # (C) #	THE REPORT OF THE PERSON OF TH	KIA 60 50°C # PA	# # # # # # # # # # # # # # # # # # #		THE THE STATE OF T	ONG * CONT *	*	* * * * * * * * * * * * * * * * * * *	GREEN RIVER * 86 54.0 * UP	* 6141 * 9210	* *	THE LAKE + 37 98	OMO	*	M: 48 # # #	LICKING BIVERS 84 100.7 +	. *	# 1 27 W T CO W 1	XINCAID DEFINE 64 17.6	LTH OF KENTUCKY * 31 * 4	**	* W4 RO.W *	MIDDLEFORK KER 83 28.3 + OP	08FL # 406 #	* *	4 00 100 100 100 100 100 100 100 100 100	IN THE STATE OF COMPANY AND THE STATE OF THE	**	30 Ma * *	* 10 mm * 10 m
ANALANANANANANANANANANANANANANANANANANA	A CD W A VIII	# (X° X° O) # (C) # (C) #	THE REPORT OF THE PERSON OF TH	KIA 60 50°C # PA	# # # # # # # # # # # # # # # # # # #		THE THE STATE OF T	ONG * CONT *		* * * * * * * * * * * * * * * * * * *	GREEN RIVER * 86 54.0 * UP	* 6141 * 9210	* *	THE LAKE + 37 98	OMO		M: 48 # # #	LICKING BIVERS 84 100.7 +	. *	# 1 27 W T CO W 1	XINCAID DEFINE 64 17.6	LTH OF KENTUCKY * 31 * 4	* 1	* W4 RO.W *	MIDDLEFORK KER 83 28.3 + OP	08FL # 406 #	* *	4 00 100 100 100 100 100 100 100 100 100	IN THE STATE OF COMPANY AND THE STATE OF THE	**	30 Ma * *	* 10 mm * 10 m
ANALANANANANANANANANANANANANANANANANANA	A CD W A VIII	# (X° X° O) # (C) # (C) #	REFERENCE REFERENCE REFERENCE AND THE PARTY OF THE PARTY	KIA 60 50°C # PA	00101#		CAMBONDIND LAKE CONTRACT A UN 400 B A CONTRACT OF A CONTRA	ONG * CONT *		DAM 03 * 37 12.8 *	GREEN WHYER & 86 54.0 * 00	141 * 9212	* *	THE LAKE + 37 98	77 783 00 100 4 100 80 4 100 80 4 100 80 4 100 80 4 100 80 80 80 80 80 80 80 80 80 80 80 80 8	*	LAKE * 130 W	LICKING BIVERS 84 100.7 +	. *	* * * * * * * * * * * * * * * * * * * *	PRINCIPLE KINCAID CEREK 64 17.6 *	LTH OF KENTUCKY * 31 * 4	***	BUCKHORN LAKE	MIDDLEFORK KER 8W 28.W . DP	DARN DR.	* *	4 00 100 100 100 100 100 100 100 100 100	IN THE STATE OF TH		7 00 M * *	* 10 mm * 10 m
ANALANANANANANANANANANANANANANANANANANA	A CD X AVER A AVER A CD X X AVER A X (D) X	* (X. X. C.) * * * * * * * * * * * * * * * * * * *	医化尿管检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查	A MONAGE COMMENDANO RIA GO GO. A TO CO.	# # # # # # # # # # # # # # # # # # #	**	A CAMPGROUND LAKE A CAMP A WA LOUD A CAMP A	office a court of a co	*	* SEREN STYLE AND DAM SE * SEREN STYLE AND DAM SE	CHIO * O. THE A SECURE A SECURE OF	* 6141 * 9210	* *	3 * BOONEVILLE LAKE * 37 28	OMON * 1409 * 1500 * 15	*	* FALMOUTH LAKE * 38 W	* PENDLETON LICKING RIVERS 84 19.7 *		# 57 %5 8% F	# PENDERED KINCATO ORBER # 0-0-4	* COMMONWEALTH OF KENTUCKY . * 31 4 4	**	* BUCKHORN LAKE	* PERRY * MIDDLEFORK KER 83 28.3 * OP	DARN DR.	* *	THUSTINGS A MAJOR A MA	10 to the first of		* RED RIVER	* 10 mm * 10 m
ANALANANANANANANANANANANANANANANANANANA	DEFT A CHANGE A DALAKEA A AVE.	* (X. X. C.) * * * * * * * * * * * * * * * * * * *	医化尿管检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查	A MONAGE COMMENDANO RIA GO GO. A TO CO.	001014	**	A CAMPGROUND LAKE A CAMP A WA LOUD A CAMP A	office a court of a co		* SEREN STYLE AND DAM SE * SEREN STYLE AND DAM SE	CHIO * O. THE A SECURE A SECURE OF	1 * DAEN DR.	* *	63 * BOONEVILLE LAKE * 37 88	OMON * 1409 * 1500 * 15	*	* FALMOUTH LAKE * 38 W	* PENDLETON LICKING RIVERS 84 19.7 *		# 57 %5 8% F	# PENDERED KINCATO ORBER # 0-0-4	* COMMONWEALTH OF KENTUCKY . * 31 4 4	***	* BUCKHORN LAKE	* PERRY * MIDDLEFORK KER 83 28.3 * OF	1 * DAM DRL * 1	* *	THUSTINGS A MAJOR A MA	10 to the first of		* RED RIVER	* 10 mm * 10 m
ARRESTATE AND TO DESCRIPT A DOTTE A MOUNTAIN A MOUNT A MOUNTAIN A DATE OF THE ARRESTATE A DOTTE A DOTTE A MOUNTAIN A DATE OF THE ARRESTATE A DOTTE A D	CODE * CONCR * CO M.A. * AVE.	* (X. X. C.) * * * * * * * * * * * * * * * * * * *	医化尿管检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查	A MONAGE COMMENDANO RIA GO GO. A TO CO.	201016 A 0550 A 4101080 A 4101080 A	**	A CAMPGROUND LAKE A CAMP A WA LOUD A CAMP A	office a court of a co		* SEREN STYLE AND DAM SE * SEREN STYLE AND DAM SE	CHIO * O. THE A SECURE A SECURE OF	* 6141 * 9210	* *	63 * BOONEVILLE LAKE * 37 88	OMON * 1409 * 1500 * 15	*	* FALMOUTH LAKE * 38 W	* PENDLETON LICKING RIVERS 84 19.7 *		# 57 %5 8% F	# PENDERED KINDAID ORRERA & 4.00	* COMMONWEALTH OF KENTUCKY . * 31 4 4	***	* BUCKHORN LAKE	* PERRY * MIDDLEFORK KER 83 28.3 * OF	* DARN DR. * 406 *	* *	THUSTINGS A MAJOR OF THE PARTY	10 to the first of		* RED RIVER	* 10 mm * 10 m
ARAKARARARARARARARARARARARARARARARARARA	CODE * CONCR * CO M.A. * AVE.	* (X. X. C.) * * * * * * * * * * * * * * * * * * *	KREKERKEKKKKKKKKKEFREKKKKKKKKKKKKKKKKKK	AT A MOOGE A MOOKUN CERTIFICAN MIN ON THE ON TOOLS A LONG OF THE ONE OF THE O	001014	**	CAMBONDIND LAKE CONTRACT A UN 400 B A CONTRACT OF A CONTRA	office a court of a co		* * * * * * * * * * * * * * * * * * *	CHIO * O. THE A SECURE A SECURE OF	1 * DAEN DR.	* *	3 * BOONEVILLE LAKE * 37 28	OMON # 1409 # 2001012122 22 00 10 10 10 10 10 10 10 10 10 10 10 10	*	M: 48 # # #	* PENDLETON LICKING RIVERS 84 19.7 *		# 57 %5 8% F	PRINCIPLE KINCAID CEREK 64 17.6 *	* COMMONWEALTH OF KENTUCKY . * 31 4 4	***	BUCKHORN LAKE	* PERRY * MIDDLEFORK KER 83 28.3 * OF	1 * DAM DRL * 1	* *	THISTITION AND THE PROPERTY OF	10 to the first of		RED RIVER * 138 4	* POWFIL RED RIVER * 83 458,7 *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.34 PAGE 63 OF TABLE 1

A (NEEL) A (ORDURAL) A (ORDURA				* * * * * * * * * * * * * * * * * * *	100	00 V	* * * * * : Ni CO		
	K K K K K K K K K K K K K K K K K K K	6 4 4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6	° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	110 100 100 100 100 100 100 100 100 100	101 101 100 100 101 101 101 101 101 101	10004 2004 2004 3019 3019 3019 3019 3019 3019 3019 3019	* * * * * * * * * * * * * * * * * * *	00° *** *** * * * *	7725.0 * 30.938 *
MNERGY COST	4.0	0 m 0 m 0 m			35.5	. a	ស 2. -ខ រប - ហ ្គ	187.	77
**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1317900 # 1317900 #	* * * * * * * * * * * * * * * * * * *	44 66 00 00 00 00 00 00 00 00 00 00 00 00	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	17001	10 10 10 10 10 10 10 10 10 10 10 10 10 1
K < < 4 GF	2 3 3 2 3 3 2 0 0 2 0 0 3 0 0 4 4 4 4 4 4	## 0000 M	4 0000 KZ	1668 666 666 666 666 666 666 666 666 666	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 55 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 00 0 00 0 00 0 00	* * * * * * * * * * * * * * * * * * *	161680 161680
****	171200 x	1111 1111000 1111000 ****	60000 60000 60000 60000 64444	280000 100000 100000 10000	1164000 # 1164000 # 96.9 #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4	24 0004 0008 0008 0008	60000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
######################################		10 10 10 10 10 10 10 10 10 10 10 10 10 1	2.00 2.00 3.00 4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.	* * * * * * * * * * * * * * * * * * *	CR 0P 1023-04	N 0.000 1.0800 4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	Z 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	717.0**	T
	× × × × × × × × × × × × × × × × × × ×	17 17 17 17 17 17 17 17 17 17 17 17 17 1	N & P N & P	0 1 M 0	20 00 00 00 00 00 00 00 00 00 00 00 00 0	37 46.1 87 37.5 10800	M & M & M & M & M & M & M & M & M & M &	พ.ช - ช่า พ.ช.ส พ.ช.ส พ.ช.ธ	7.14 84 50°1
ANAMARAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAK	A DOCKCAONTEN AND AND AND AND AND AND AND AND AND AN	* PARKER BRANCH DAM * ROCKCASTLE ROCKCASTLE RI* * DAEN*ORN	* LAKE CUMBERLAND ** * RUSSELL CUMBERLAND R.* * DAEN GRN	* TAYLORSVILLE LAKE * SPENCER SALT RIVER * * DAEN ORL	# GREEN RIVER LAKE # # TAVIOR # # DAEN DRL 4741 # #	* UNIONTOWN LOCK + DAM * * UNION* * UNION CHIC RIVER * * DAEN ORL * *	* BARREN R L & D 1 * WARREN BARREN RIVER * * DAEN ORL	** DRAKES CREEK ** DRAKES CREEK ** MARREN **	* KY4DRNOO47 * CUMBERLAND FALLS DAM * * * KYUO043 * WHITLEY CUMBERLAND RI* * 5 DRC D * DAEN*ORN
A ACTV DOEP CODE CODE CODE CODE CODE CODE CODE CODE	A A A A A A A A A A A A A A A A A A A	KY6DRNOO42	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* KYAORLO176 * KYO3060 * 2 DFC I	* * K Y A D R L O 1 7 8 * * * C O 3 0 0 8 * * P D F C I	* KY60RL0177 * KYU0018 * 5 DRC	* KY40RN0047 * KYU0043 * 5 DRC 0

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.34 PAGE 64 OF TABLE 1

A LATITUDE APROLOPUS OAN HIT A DAMARANANANANANANANANANANANANANANANANANAN	* * * *	# # # # # # # # # # # # # # # # # # #
NNULL AND	***	20794 # 612.61 # 20794 # 209.459 # 20794 # 207
# # # # # # # # # # # # # # # # # # #		20794 20794 4 20794 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# W W W W W W W W W W W W W W W W W W W	00 4 4 M	O O O O O O O O O O O O O O O O O O O
**************************************		4 00°00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* LATITUDE * PROJ. PURP. * DAM NT * LONGITUDE * PROJ. PURP. * DAM NT * LONGITUDE * STATUS * MX. STOR. * DR. ARE. * AVE. *		64.37 55.66 a N a 4.99.62 a 64.49.62 a 0P a 19 a 1
* * * * * * * * * * * * * * * * * * *	**************************************	# 100 00 # 100 00 # 100 00 # 100 00 # 100 00 # 100 00 # 100 00 # 100 00 # 100 00 # 100 00 # 100 00 # 100 00 # 100 00 # 100 00 00 # 100 00 00 00 00 00 00 00 00 00 00 00 00
**************************************	LICO CREE	* YAGRLO180 * KENTUCKY RIVER LOCK + DAN 06+37 55-64 * KYG3018 * WOODFORD KENTUCKY RIVER 84 49-64 * C DRC I * DAEN ORL * 5102*
**************************************	**************************************	CCKY RIVER ORD ORL
* * * * * * * * * * * * * * * * * * *	**************************************	* KYADRLO180 * KENTUCKY KYGS018 * WOODFORD * E DRC I * DAEN ORL
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* X Y A D R L O 1 B O * * X Y O S O 1 B F * * * * * * * * * * * * * * * * * *

C A (. E Z د س ب ب د د LES ∢ Z 0 A 1 8 1 U U J. ADDITIONAL N N ь О р. О STATE CAPACITY POTENTIAL E E HYDROELECTRIC PHYSICAL

Z

## ## 10 MM # 110 MM ## ## ## ## ## ## ## ## ## ## ## ##	55 HW = 10 HW = 10 HW = 15 HW					4	1	POTENTIAL	4	E 4	C A 9 A C	HIY RANGES	80 H	**************************************	**************************************	**************************************	**************************************	数
######################################	######################################	***************************************	《我来看是有大量也是我们的《我们的《我们的《我们的》,	**************************************	*	* * * * * *	在 表 表 本 本 本	* * * * * * * * *	k Σ k Ο	* * * * * * *		X X X	in :	***		3 E	ī.	
# 130	1	WARENER CAPE	**************************************	**************************************	######################################	* * * *	**************************************	* * * * * * * * * * * * * * * * * * *	M D D S S S S S S S S S S S S S S S S S	# # # # # # # # # # # # # # # # # # #	**************************************	******	* 3 a.m +	* C C C C C C C C C C C C C C C C C C C	** + C 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	KE COLE	K Z O K D & M I	10 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
12.65		**************************************	**************************************	**************************************	4	*	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		20 M			* * * * * • 0 • 0	*****		**************************************	* * * * * * * * * * * * * * * * * * *	: 9 00 \$
#	0. * 0. ** 0. * 13.8* 0. * 13.8* 0. * 15.8*	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 0 * 0 * 4 * 0 * 4 * 0 * 4 * 0 * 4 * 4 * 4 * 5 * 6 * 7 * 7 * 8 * 7 * 8 * 8 * 8 * 8 * 8 * 8 * 8 * 8 * 8 * 8	* °C * °C	* * * * * * *	* * * * * * * O * * O * * O	#		x •40 ·	* * * * * O	*****	****	******* ****** ****** ***** **** ****	0 0	M OF B 48 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4		
**************************************	0	**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	* °C * °C *	* * * * * * * *	* * * * * * * * * * * * * * * * * * *			****	****		0	**************************************		**************************************	# # # # # # O	**************************************
本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本	0 * 2W.0** 0 * 27.1* 0 * 27.1* 0 * 50.7* 3.4* 0 * 7.4* 0	**************************************	*** *** *** *** *** *** *** *** *** **	* * * * * * * * * * * * * * * * * * *	* *	*	* •0	* *C 1	* *0 1	k •O 1						* 0 *	* * * * * * * * * * * * * * * * * * *	* * * * * * O * * O * *
	E G E N D COLUMN 4 H TOTAL NEW POTENTIAL CAPACITY (SUM OF COLUMNS 2 AND 3 CAPCITY I SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT) CAPCIT H SUM OF CAPACITIES FOR GIVEN HEAD RANGE (GICAMATT*HOUR)	**************************************	#	数	E 8 → E M → E	*****	* * * * * *	K 141 5-	* * * * * O *O O	• M •	****	7.7 1.00 1.00	0 0	**************************************	0 0	N V V	*** * * * * * * * * * * * * * * * * *	NU *

O E V E L O P M E N T POTENTIAL FOR ADDITIONAL M N N O C N CAPACITY AND **u**. E E J w O I o > K a HYDROELECTRIC

* * * * * * * * * * * * * * * * * * * *	* D H 3	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# (NEM)	* * * * * * * * * * * * * * * * * * *
******	**** ***** *************************	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* 0 * 20 * 10 * 00 * 00	S S AND SATT)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	* 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		COLUMNS 2 A (MEGAWATT)
**	* 50 50 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	COUM OF RANGE CO
* * * *	44 * # # # # # # # # # # # # # # # # # #	* 00 * 00 * 00 * 10 * * * * * *	* * * * * * * * * * * * * * * * * * *			* ** * * * * * * * * * * * * * * * * *	K COLUMN AND AND AND AND AND AND AND AND AND AN
* \(\frac{\pi}{\pi} \) (1) (2) (3) (4) (3) (4) (4) (5) (4) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6	M P C A A A A A A A A A A A A A A A A A A	K + + + + + + + + + + + + + + + + + + +				906	TALATE ALL BECKEN
* # # # # # # # # # # # # # # # # # # #	* * * * * *	* co	K				T L L L L L L L L L L L L L L L L L L L
C *	* * * LO Z I I I I I I I I I I I I I I I I I I	000	* • • • •	8	000	* * * * * 	1 A L
12 12 12 12 12 12 12 12 12 12 12 12 12 1		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	000	000	***** ***** **** *** *** *** *** *** *	
*	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *			CCO CC	* * * * * COO	
- * * Z	* ***** ****				* * * * * * * * * * * * * * * * * * * *	80 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	G DAMS
**	* * * * * * * * * * * * * * * * * * *	000	000	000	000	000	D.X
******	40444444444444444444444444444444444444	K = 25 -	k 60 → 5	K MO		: 20 i	WER DE ATTAL AT E
* 3 4 5 4 5 4 5 4 6 4 6 6 6 6 6 6 6 6 6 6 6	**************************************	K				******** ******* *******	HYDROPO L POTEN ED POTE
* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	W - 60 .	K 60 == -	K ++++++++++++++++++++++++++++++++++++	000	# # # # #	TSTING DDITIONA DDEVELOP
***	* X X X X X X X X X X X X X X X X X X X			000		000	~ 0.10 H O H
* * * * * * * * * * * * * * * * * * *	T EC	X			20 M		555
	**** ##	0 - 1 9	k 57	6 6		OTAL	K K K K

TOPOSTATION OF THE PROPERTY OF	信制分析在在保存在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在	****	****	1031 1047 1047 1047 1047 1047 1048		****	****	1006 1006 1008 1008 1008	1078.9 # 1001 12.681 # 1001 1004 #
+ → Ø	# # # # # # # # # # # # # # # # # # #	36 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	10 mm	656,78 31.608	30.00 87.60 87.11.1	44.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	88. 80. 80. 80. 80. 80. 80. 80. 80. 80.	ન ન જ જ અ જ અ જ અ જ	1078.9
**************************************		000	000	207702	000	****	000	484	
**************************************		000	000	* * * 9 99 99 99 90 90 90	000	0 → →	666	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	OPH
4 * * * * * * * * * * * * * * * * * * *		M	11.94.40 94.40 9.00 9.00 9.00 9.00 9.00 9.	4 + + + + + + + + + + + + + + + + + + +	* * * * * * * O O O O O O O O O O O O O	* * * 00006 M	267700	00 M	# # 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
***	* * * * *								
######################################		4.0 7.4	8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.00	FCS DP 1470*0*	707 07 203 * * * * * * * * * * * * * * * * * * *	* * * C * C * C * C * C * C * C * C * C	## ## ## ## ## ## ## ## ## ## ## ## ##	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
**************************************	10000000000000000000000000000000000000	7.	591.0	0.4	203	0.680	236.0	32 10.0 # N 92 6.6 # DP 15630 # #19273.7	***
**************************************	24.00 4 00 00 00 00 00 00 00 00 00 00 00 00	20.00.00	3 30.7 * CR 3 30.7 * DP 6 56 * \$ 591.0	0 14 0 14 0 14 10 14 10 14 10 14 10 14 10 14 10 14 10 14 10 14 10 10 10 10 10 10 10 10 10 10 10 10 10	######################################	2 42.4 * NRS 3 55.1 * DP 2744 * 2089.0	3 40 2 x CR 3 40 2 x DP 260 x DP	10.0 * N	29.0 *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.35

# HUDE 4 & B # HUDE # K B B B B B B B B B		****	******************	**************************************	1015 1015 1007
# F # O O O O O O O O O O O O O O O O O		44 - 44 - 44 - 44 - 44 - 44 - 44 - 44	N N N N N N N N N N N N N N N N N N N	00 00 00 00 00 00 00 00 00 00 00 00 00	N 60 00 00 00 00 00 00 00 00 00 00 00 00
				000 000 9 9 9 9 0 9	10 10 10 10 10 10 10 10 10 10 10 10 10 1
* * * * * * * * * * * * * * * * * * *		20.00 00.00 00.00 04.00 00.00 04.00 00.00	OMM OOO MA MA 99	000 944 044 044 000	W W 0004 0000
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	0 4 W W	MOW NPW WOW NPW WOW NPW WOW NPW WPW WOW NPW WPW WOW NPW WPW WOW NPW WPW WPW WPW WPW WPW WPW WPW WPW WP	4	4 W
# 0 0 0 4 4 0 0 4 4 0 0 0 4 4 0 0 0 4 4 0 0 0 4 4 0 0 0 0 4 4 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 000 000 000 000 000 000 000 000 00	O O O O O O O O O O O O O O O O O O O
# # # # # # # # # # # # # # # # # # #		00 mg mg 00	MO WO	M & M & M & M & M & M & M & M & M & M &	41 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
**************************************	HOD SHOOT OF RESTREAMENTS RED RIVER CATAMOULA RED RIVER DAEN LMN RED RIVER HOD SHOOT OF RESERVOIR EAST BATON RESERVOIR UNDEVELOPED SITE	** FELTXVILLE RESERVOIR ** EAST FELICIA AMITE RIVER ** ** UNDEVELOPED SITE ** DENHAM SPRINGS REGERVOIR ** ** LIVINGSTON AMITE RIVER **	** ALLEN-CHIVERY ** ALLEN-CHIVERY ** STATE OF LA ** STATE OF LA ** NISATCHIE SAYOU RESERVOIR ** NICHES KISATCHIE BAY* ** LUNEVELOPEO SITE		* * * * * * * * * * * * * * * * * * *
**************************************	** LA6LMN0011 ** LA6LMN0011 ** LA6LMN0013 ** LA6LMN0013 ** LA6LMN0013	LAGLHNDO15 LAUGOO7 O DRC D LAGLMNO016 LAUGO11	LACLEMNOO19 R LASLMNOO18 LASLMNOO18 LASTMOO18	LACLMNOOSS S CCLMNOOSS CCCS CCCS CCCCS CCCCCCCCCCCCCCCCCC	** LAALMNOORS ** LAUOOO4 ** P DFC S

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.35 PAGE 67 OF TABLE 1

######################################	PROCINCT NAME DRIVARY CO. FVARE OF STREAM ONNER	* LATITUDE * LONGITUDE * OR AREA * (D M.M) * (D M.M) * (SG.M.M)	## ## ## ## ## ## ## ## ## ## ## ## ##	XX. STOR. XX. STOR. (FT) (AC FT)	**************************************	PRESENTATION CONTROLL CONTROL	COOD SO SEEN SEEN SEEN SEEN SEEN SEEN SEEN S	MAC MONONAMENTO MACE OF THE MONON AND MACE OF THE MA	NOON THE CHANGE TANKS
LAALMN0024 * LAALMN0024 * LAU0003 * DRC S *	**************************************	######################################	**************************************	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	在在中中的原则的。	**************************************	1000 1000 1000	4 - € 4
LAALMNOORS ** LAUOOOR ** PRC 8 **	RED RIVER WATERWAY LOCK + DARED RIVER DAEN LMN	932 13.0 94 28.0 64520	* * * * * * * * * * * * * * * * * * *	M 1.	** * * * * O O O O O O O O O O O O O O	WW 00 00 00 00 00 00 00 00 00 00 00 00 0	10 W W W W W W W W W W W W W W W W W W W	1024	en.
LAISWFOOOI * LAOOO3O * S SCP I *	TOLFOO BEND SABINE SABINE SABINE SABINE RIVER AUTHORITY	93 34°0 93 34°0 7178	***** **** **** *** *** *** *** *** *** *** *** **	11.020.01.02.00.00.00.00.00.00.00.00.00.00.00.00.	# # # # # # # # # # # # # # # # # # #	10 10 10 10 10 10 10 10 10 10 10 10 10 1	6.8 6.8 6.4 6.4 6.4	ċ	
LACLMKOO44 LACCOS15 N SCP	LAKE DARBONNE ** UNION BAYOU DARBONN* STATE OF LA **	0.00 0.00 0.00 0.00 0.00 0.00 0.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	380000 16.0000		110000000000000000000000000000000000000	4000 4400 4400 4400 4400	1041	<u>E</u>
LASLMNDO27 # LAUDO09 **	* OLD RIVER CONTROL STRUCTURE * WEST FELICIA MISSISSIPPI R* UNDEVELOPED SITE.	90 W S • 0 W S	* * * * C* 0000000000000000000000000000	117.8		666911 # # 666911 # #	16771	1025	P

¥

3

la. - 4 C × - N C 4 ŀ 2

	0 E V E L O P X E N T	
1	> 0 0 0 0 0 0 2	M A H
A D D	Ω Z	T E D
CC CC	C 1 -	83 → A
] A T F	CAPA	I -
Z H C	0 T R T C	H
T V J I S X H C	HYDRUELE	
•	-4.	

b i ⊲ (* * *		4	•	1 1 1 1	4	. 1	4					***************************************	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	***************************************	**************************************	*
H 2	- 4 J O						# # # # # # # # # # # # # # # # # # #	10 E	***		3 E E	E E	* * *		1 Σ Σ	Σ Σ	•
	**** UZI HZ H>W	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* - 3		# 50 U 4 1 # 14 2 U 1 # 2 14	# > Z Q	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* F & G + +	**************************************	* + + + + + + + + + + + + + + + + + + +	* * * * 1	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* F Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
# O	* WFG * SCU * D42 * ZUU * ZUU * * * * * *	* 4 * * * * * * * * * * * * * * * * * *	* * * * * * * * OD . * * OL * O * O' ** * '**	* * * * * * * * * * * * * * * * * * *	# 40° # 40° # 10°	* * * * * * * * * * * * * * * * * * *	* 60	# M & *	K CO K CO K CO K CD K CD K K K K K K K K K K K K	K K		K 1.08.	K # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	k 60 * 40 + 1 k 80 M + 1 k 60 + 1	6 4 6 4	7 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# 0 # 7 # 0 # 0	*	* * * * * * * * * * * * * * * * * * *	* O. Ru * O. Ru * O. Ru * O. Ru * O. Ru * O. Ru	*	*	* **	* •	* * * * * * * * * * * * * * * * * * *	* 3M	K 120	* *0 +				# 10 °F 1		K 1200 1
* 6	** ** ** ** ** ** ** ** ** ** ** ** **	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * *	* ~ *	* •-•	e 40 40	8 60 C -	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 00 0 9 00 1 00 1			* * * * * * * * * * * * * * * * * * *	100	# *C 1	r ⊲ n i 1	
# COTA	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * *	*	# # # # # # # # # # # # # # # # # # #	* 0.0	* * * * * * * * * * * * * * * * * * *	k 0.~4 .		k C • 1			c c	* * * * * * * * * * * * * * * * * * *		r uner i
* * * * * * * * * * * * * * * * * * *	**************************************	* 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	126	****** * ON: * * M. *** * D *** * D *** * D *** * * ** * * **	* * * * * * * * * * * * * * * * * * *	# 00 P 0 P 0 P 0 P 0 P 0 P 0 P 0 P 0 P 0	* 4	** ** * * * * * * * * * * * * * * * *	x 00.00	* • • •		* * * * * * OU * * J-O * D		106		K 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	K W K K K K K K K K K K K K K K K K K K
* * * * * * * * * * * * * * * * * * *	*** CULUMN COLUMN COLUMN ***	* 1111	* * * * * * * * * * * * * * * * * * *	**************************************	*	* * * * * * * * * * * * * * * * * * *	* J 00 H 2 W 2 C C C C C C C C C C C C C C C C C		* H D OO * T D O C W * C D O C	*	* HU0 * GHU * GHU * GHU	* NOF * TO X * AC X * AC X	** ** ** ** ** ** ** ** ** ** ** ** **	# CS # CA #	COLUMNS GE (MEGAMA)	25 2 AND 2411 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	,

DEVELOPMENT ADDITIONAL CAPACHITY AND MARKGY li. TAMPOR STATE w I z H PHYSICAL HYDROELECTRIC

在安安安全		* F Z O 1		* ***** * ******	F 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		AND 3)
· · · · ·	<u>=</u>	* D D C + C D C + C D C C + C D C C + C D C C + C D C C + C D C C C C		E -0 00 E -1 00 E	k M(0)	x 40 - 57 - 68 - 68 - 68 - 68 - 68 - 68 - 68 - 6	× -0-00 +	K CAP
***	101	* W Z O 1			k 10 →	k M = 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COLUI
***		* M Z O 1	4.00	# # # # # # # # # # # # # # # # # # #	* N	* ************************************	K 10 F 4	S CSUM OF
· · · · · · · · · · · · · · · · · · ·	* * *	* * * * * i	1	k 0,87)		x 760 x 760 x 700 x 4 x x x x	36.93	K m = ≪
# # # # # # # # # # # # # # # # # # #	N .	M D C X X X X X X X X X X X X X X X X X X				T T T T T T T T T T T T T T T T T T T	≠ -aun -1	N
2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	(X:	# #	K 100 1	* * * * * * * * * * * * * * * * * * *		M W W W W W W W W W W W W W W W W W W W	ا ئما⊷ •	APD APPORT APPOR
. CAPACITY	9	* * * * * * * * * * * * * * * * * * *	000	000			* * * * * M 900 90	M OF C
11日 日本 日本 日本 日本 日本 日本 日本		K + + + + + + + + + + + + + + + + + + +	* * * * * * * * * * * * * * * * * * *		K • 47 +	000	****	
AL MNC	N.		2 00 2 00 3 4 5 01 5 01 5 4 4 4 4 4	CCC	E 627 1		וויים א	
1 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -	3	* * * * * * * * * * * * * * * * * * *		000		000 000	r aonu i	LG DAMS
****		* * * * * * * * * * * * * * * * * * *	C C C C	100 100 100 100 100 100 100 100 100 100	K W Z W Z W Z W Z W Z W Z W Z W Z W Z W	0C0 C0	k ••0 †	ELOPHENT EXTORMENT
***	* * *	* * * * * * * * * * * * * * * * * * *	*	R → P~ ·	* 50	* - 1	* →	. O
***	in.			K # # # # # # # # # # # # # # # # # # #		* * * * * * * * * * * * * * * * * * *	K MOC	EXTORUGE HYDROPOWER BODITIONAL POTENTIAL
***	in 3	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	2		# # # # # # # # # # # # # # # # # # #		NOETHING NOE
****		*	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	4 10 10 10 10 10 10 10 10 10 10 10 10 10			- 44
3 4: 	* * * ZD (V L) Ø	**************************************	* * * * * * * * * * * * * * * * * * *	****** ****** ****** ********	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	₽ 02≻≻ →	N NED TO COLUMN
		19 1 40 1 − − − − − − − − − − − − − − − − − −	0-19	4 0		C C	DTAL.	in K K K K K K

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,37 PAGE 14 OF TABLE 1

A CORDURACE TARKS A STATE A ST	**************************************	1169	1226 1226 1226 1226	1025	1287 1287 1287 4 1287	1001 1001 **	* * * * *	1078 1078 1078 #	***
* F	* * * * * * * * * * * * * * * * * * *	00000000000000000000000000000000000000	***** C-00 ****** C-00 ******	# # # # # # # # # # #	**************************************	######################################	****		* * * *
* C C C * C C C * C C C	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************		0.000 0.000 0.000 0.000 0.000 0.000	123 233 233 233 233 233 233 233 233 233	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11 11 11 11 11 11 11 11 11 11 11 11 11	24 0 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0
* * * * * * * * * * * * * * * * * * *		6 W 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 0 mm 0 mm	40 mm 80 10 mm 80 10 mm 90 10	19200 7904 7104	15088 1876 16964	000 00 mg	M 2 M 2 M 2 M 2 M 2 M 2 M 2 M 2 M 2 M 2	12 28 C C C C C C C C C C C C C C C C C C
* * * * * * * * * * * * * * * * * * * *			* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *			* * * * * * * * * * O D * O M * O M	****	1000
**************************************	4 00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 ** 0 ** 0 ** 0 ** 0 ** 0 ** 0 ** 0 *	# # # # #		# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	I # # # #	T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 44 B 4 70 11 9 9 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9	* * * * * * * * * * * * * * * * * * *	tu to to	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	70 23 3 70 23 3
# ¥ ¥	AUDUNO DATA TANA TANA TANA TANA TANA TANA TANA	LT ANDROSG Co.	UP LT ANDROSG CO.	ANDROSCOGGIN: E POWER CO.	ANDROGCOGOIN E POWER CO.	AL ANDROSCOGGIN TS ALONG CANAL	ANDROSCOGGIN L PAPER CO.	CO. ANDROSCOGGIN	MEGNEDBOAG & MECHANIC FALLS MEGOIZA & ANDROGOGGIN LITTLE ANDROSS DFC & MARCAL PAPER MILLS **********************************
110 NO 4 PRIMARY AND CONTROL OF C		* BARKER MILL LD * ANDROSCOGGIN * H+L RUSSELL CO.	* BARKER MILL UP * ANDROGCOGIN * H+L RUSSELL CO.	# DEEP RIPS # ANDROSCOGOIN # CENTRAL MAINE	# GULF ISLAND # ANDROSCOGGIN # CENTRAL MAINE		* INVERNORE * INVERNORE * INVERNATIONAL * INVE	A AND SOUCH A A AND SOUCH A A AND SOUCH A A AND SOUCH A A A A A A A A A A A A A A A A A A A	* MECHANIC FALLS * ANDROGCOGIN LIT* * ANDROGCOGIN MILLS ***********************************
A T T T T T T T T T T T T T T T T T T T	MANANA MANANANA MANANANA MANANANA MANANANA MANANANAN	MEANEDSOR9 ME 119 2 DRC I	MEANEDSONO ME 120	MEGNED BOOR ME COLON	MEGNED BOOM MEGON TO BE COME TO B	.o :	n 0 r	TEGNED®OSN WAS DECOMEN ON THE CONTRACT ON THE	MEGNEDBOA9

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13.00.37 PAGE 15 OF TABLE 1

* 2024		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	1108	2046	2047	6- 6- 6- 6- 8- 8- 8- 8- 8- 8- 8- 8- 8- 8- 8- 8- 8-	000 0000 0000 0000 0000
# # # # # # # # # # # # # # # # # # #	1000 1000 1000 1000	1524	2005	2028	1108	64 0 C	00 00 00 00 00	1289	2009
* F * F * F		6.60 6.00 6.00 6.00 6.00 6.00 6.00 6.00	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			******	66 60 60 60 60 60 60 60 60 60 60 60 60 6	790°7W # # # # # # # # # # # # # # # # # # #
44444444444444444444444444444444444444	K C	# # # # # # # # # # # # # # # # # # #	****	****	* * * * * *	* * * * * *	* * * * * *		
######################################	K 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C OP OP M M M M	299	0 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	N N E	1183000 1183000	0000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* 4 4 6 * 4 4 6	E O O O O	111 110 100 100 100 100 100 100 100 100	M 44 10 0	108 000 000 000 000	8 U U U U U U U U U U U U U U U U U U U	760000	440000000000000000000000000000000000000	000	を
# # # # # # # # # # # # # # # # # # #		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * 000 000 000 000 000 000 000	##### 0000 1000 1000 1000		000	000		100°0 100°0 100°0 10°0 10°0 10°0 10°0 1
### 0 (0		** OP ***	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	II.	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
LATER DE MENTER	44	44 V V V V V V V V V V V V V V V V V V	45 40.6 68 1.4 920	46 46 46 46 46 46 46 46 46 46 46 46 46 4	46 50.9 68 0.0 1931	69 1.1 2725	47 10.0 68 55.0 4086	46 52 64 46 46 46 46 46 46 46 46 46 46 46 46	46 NQ 4 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
****	* * * * * * * * * * * * * * * * * * *	C L T ANDROUGG	7	RESERVOIR BIG BLACK RIVE	A ANDOMICE CO. TAVICE	A SOCIOU LAKES A SOLI COL	A SOLTOOL LAKERS A SOLTOOL A SOLTO A S	SK D SONO D C KADEOK A K K K K K K K K K K K K K K K K K K	TECNEDYONG TABBARDIS TECHEDONG TABBARDIS MEGGONES ARTHORNOTOR ARTHORNOTOR AIVA
**************************************	*	A ROOFES FIRES	* BANDROFT * ARDOWNDR	* * * * * * * * * * * * * * * * * * *	A CARTBOU DAM A AROOSTOOK MAINE PUBLIC	A DICKEY/LINCOLN A AGOOGHOOK A DAEN NED	* DICKEY/LINCOLN * ARONSTOR * DAEN NED	A LTL MADAWASK A ARDINSTORK A USAR	* XACONOUS * ANCOUTOOK *
17. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MEANTED STATES ON THE PROPERTY OF THE PROPERTY	MESNEOTO22 A MESS176 A 2 DRC I A	MEGNEDTODS MEGGGOOT 2 DRC I	MEGNEDOOSY MEDNOSOSY DRC WR	MEGNEDYOAG NE49026 UPA D	MEENEDTOSO	MEANEOSO72 ME 2245 2 ORC I	MEGNED7006 3 MEGGOOD S

* * * * * * * * * * * * * * * * * * *	* .	•	in The second	Q.	₹	6		* * * * *	***
. 20240	* 6	141	107	147	109	1140			
SONOWORK NO	2087	1416	1075	1472	1094	1140			
FRACONNA FRCONNA FRCCONN GROCON GROUENCE RA GROUENCE RA GROUENCE RA	######################################	1416	1079	472	1094	1140			
* 60 0	****	****	****	****	****	****	****	* * * * *	****
# # # # # # # # # # # # # # # # # # #	* 0 0 * 0 0 * 0 0	6 • 50. 10 (0) 10 (0)	N 10		2724	174	00	00	00
NET COO (8) (8/3/21)	* C C C C C C C C C C C C C C C C C C C	40 to	10 00 40 0	71.	90	80 10 10 10 10 10 10 10 10 10 10 10 10 10			
****	~ * * * * * * * *	****	* * * * *	****	****	****	****	****	****
* X & &	* 96 * MM * HH	44	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1617	20 20 20 20 20 20 20 20 20 20 20 20 20 2	90000 3154 95154	11210	11500	N 100
*XZO	*	****		****	****	****	*****	***	***
	# 33 # 34 # 044	0 M M 0 0 0 0	21 0 20 0 24 0 24 0 24 0	4 4 ~ ~ ~	21 20 20 20 20 20 20 20 20 20 20 20 20 20	12000 14000 3450	2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1050
# M H H H H H H H H H H H H H H H H H H	表 表 表								
***			****	000	000	000	2000	000	000
A P C P P P P P P P P P P P P P P P P P	E 0 0 0 E 0 0 0	.	000	27.	17.	8 8	9 M	age age	9 m
# X & # # # # # # # # # # # # # # # # #	* ***	****	****	****	****	****	* * * * *	****	****
* C F M O + C F	* * * * * * * * * * * * * * * * * * * *	2143	116	-151	8 5 5 5	6437	567	.671	762
*****************	E ON	0.1	10	06	x 6	IO.	x 6	±6	x C
	000	4 → 0	Nr. 5	000	Ø → O	N G O	000	r on	50.2 50.2 50.2
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	0 40 W W H G 4 W	e eo N eo N eo	36 W	N & W M	N S S S S S S S S S S S S S S S S S S S	2 U 2 U 2 S S	2 M	20 20 20 20
******	* * * * * * * * 4 *	4.0	4.0	4 0					— .
* 4 4		****	* * * * *	* * * * *	****	* * * * * 2	****	****	****
# 14 4	# F	C:	T. A A K E	H NL P * * *	*****	Z	****	****	* * * *
* W + S	* <		×	INLA	*****	Z	****	0 0 8 * * * *	* * * *
* * * * * * * * * * * * * * * * * * *	* <		×	A INT MUCON	*****	Z	****	****	* * * *
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* <	ARDOSTOK Paper	SQUAPAN LAK Service CO.	DAM DAMODUM INLA	* * * * * * * * * * * * * * * * * * *	Z	PRESCRIPTION AND A STATE OF POLICE CO. A PART AND A PAR	DUNDER POND *	* * * *
A TOURS A TABLE A TABL	* <	ARDOSTOK Paper	SQUAPAN LAK Service CO.	DAM DAMODUM INLA	* * * * * * * * * * * * * * * * * * *	Z	PRESCRIPTION AND A STATE OF POLICE CO. A PART AND A PAR	DUNDER POND *	* * * *
A TANKE TO SELECT THE SELECT TO SELECT THE S	TRANSPORTED TO THE TRANSPORT OF THE TRAN	ARDOSTOK Paper	SQUAPAN LAK Service CO.	DAM DAMODUM INLA	* * * * * * * * * * * * * * * * * * *	Z	PRESCRIPTION AND A STATE OF POLICE CO. A PART AND A PAR	DUNDER POND *	* * * *
# # # # # # # # # # # # # # # # # # #	# PERSON	* STEPHOAN DAM ARCOGNOSTON NATIONAL PARCONAL PARCONAL PARCE *	* SGUAPAN LAKE * ARDNSTOOK SGUAPAN LAK * MAINE PUBLIC SERVICE CO.	# WHITNEY BROOK DAM * ARTHORYTOK * LUKNOWN *	A BACINGELICK A CLEARFILAND ANDROGODOTIN A CRIMARAL MAINE PORER CO.	A CABOT MANUFACTURING CO. * * CUMBERLAND ANDROGOGGIN * * PEUFPSCOT PAPER CO. * * *	A GORHAN FIVE A CUMBERLAND PRESUMPSCOT RE TA CENTRAL MAINE POWER CO. TA	# GORLAM FOLK # CUMMERTALAND DUNDER POND # 1 # UNKNOWN	* * * *
# # # # # # # # # # # # # # # # # # #	# PERSON	* STEPHOAN DAM ARCOGNOSTON NATIONAL PARCONAL PARCONAL PARCE *	* SGUAPAN LAKE * ARDNSTOOK SGUAPAN LAK * MAINE PUBLIC SERVICE CO.	# WHITNEY BROOK DAM * ARTHORYTOK * LUKNOWN *	A BACINGELICK A CLEARFILAND ANDROGODOTIN A CRIMARAL MAINE PORER CO.	A CABOT MANUFACTURING CO. * * CUMBERLAND ANDROGOGGIN * * PEUFPSCOT PAPER CO. * * *	A GORHAN FIVE A CUMBERLAND PRESUMPSCOT RE TA CENTRAL MAINE POWER CO. TA	# GORLAM FOLK # CUMMERTALAND DUNDER POND # 1 # UNKNOWN	* * * *
THE STATE OF THE STATE S	# PERSON	A GLEGUIDAN DAN ANDOGHOK A ANDOGHOK A MATERIANAL TANDER ANDOGHOK A ANDOGHOK A MATERIANAL TANDER A MATERIANA TAND	SOUAPAN LAKE Aronstook Souapan Lak Maine Public Service Co.	EMITANEY BROOK DAM ARCIONTOOK PRESDUE INLA UNKNOMN	* * * * * * * * * * * * * * * * * * *	Z	PRESCRIPTION AND A STATE OF POLICE CO. A PART AND A PAR	DUNDER POND *	GORHAM ONE CUMBERLAND PREGUEDOCOT 24

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00.38 PAGE 17 OF TABLE 1

	,		* * * * * *	****					- E
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	E R K K		20 6 8 6 6 8	1183	1031	207.0	50 50	1345	数 \$P\$ \$P\$ \$P\$ \$P\$ \$P\$ \$P\$ \$P\$ \$P\$ \$P\$ \$P
	R R						80 80 80		**************************************
	表 表 文 E		2068	1181	1031	2070	-	1345	•
	k K		2071	1183	1031	2073	1385	1345	*
* TE	* * * * * *	***	****	****	****	****	****		* * * * *
100 GE	00	00	50 1	322	0. 4 80 80 L/I	1.01	283	, 40 4	00
#####################################	e e e e		6. 80 0. 10 0. 10 0. 10	8 80 8 80 1 9	4.14.9	56.	1.6 1.6 1.0	190,	•
# # # # # # # # # # # # # # # # # # #	K L								* * * * *
* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	0101 02.0 02.2	000	0 0 0 0 0 0 0 0 0	6 2 2	0 0 0 0 0 N N	0==	24 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	# 4 4 # 6 6	ф ф м м	4. 4. VI VI O O	1671	11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 9	MU MU	2 4 4 4 1 1 1	2
XXZD XXZD									*
* * * * * * * *	* O O O	200	4444	C 60 40		C C C C			
	0002 50002	1000	4.4	6238 6238	2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	67	4C 60	ก็ก็	2250
HAH HOH HOH HOH HOH HOH HOH HOH HOH HOH	k K								*
	; ; ;	****	****	****	****	****	****	***	*********
189 C	1000 1000	000	0 0 0 0	000	0 0 0 0 0	000	000	ww. ono	4 M
XX				249700	ี นี้	คีณ	4 4	N	
# # # # # # # # # # # # # # # # # # #	* * * * *	***	***	****	****	****	****	***	* * * * *
* D D . F	* 6	46.2			•			•	N
	* 40	•	40	N,	NO.	_	•	~ ~	10 1
######################################	# 4 #		, N	9.00 9.00 9.00 9.00 9.00 9.00 9.00 9.00	# #6 #0 0 0 7	IS 1271	0 0P -267	0P -348	37 4
A AVERAGE A COLOR A CO	4 4	* * * * * * * * * * * * * * * * * * *	r.		TC TC NO SE	****	0.00		XC .
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	X C .	**** IN 0) !	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	I PH	NON	~ * * * * * ·	****
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	M W W W W W W W W W W W W W W W W W W W	1	27°7 * 27°4 637 * 4	2 U O W W 6 * W 8 * * * *	20 M 4 4 4 4 4 11 0 M 1 M	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 20 20 20 20 20 20 20 20 20 20 20 20 20	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* * * * * * * * * * * * * * * * * * *		MININ 00.00 00	# # # # # # # # # # # # # # # # # # #	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00 00 00 00 00 00 00 00 00 00 00 00 00	448 408 400 400 444 444 444 444 444 444	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****
# # # # # # # # # # # # # # # # # # #		2 4 4 0 0 4 4 4 0 0 0 4 4 4 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 43 49.7 # 0P # 70 27.4 # 0P	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 C C C C C C C C C C C C C C C C C C C	LAK# 70 46.55 # 0	00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# # # # # # # # # # # # # # # # # # #		2 4 4 0 0 4 4 4 0 0 0 4 4 4 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 43 49.7 # 0P # 70 27.4 # 0P	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 C C C C C C C C C C C C C C C C C C C	LAK# 70 46.55 # 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# # # # # # # # # # # # # # # # # # #		2 4 4 0 0 4 4 4 0 0 0 4 4 4 0 0 0 0 0 0	# 40 40° 4 10° 10° 10° 10° 10° 10° 10° 10° 10° 10°	# 43 49.7 # 0P # 70 27.4 # 0P	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CO. # 45 6.5 # 0 EBAGO LAK# 70 46.0 # 0P	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# # # # # # # # # # # # # # # # # # #		T 4 4 00 00 4 4 4 00 00 00 00 00 00 00 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	THO	# # # # # # # # # # # # # # # # # # #	448 408 400 400 444 444 444 444 444 444	* 45 5.1 * KNNEBGO R * 70 46.6 * OP CO. * 146 * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# # # # # # # # # # # # # # # # # # #	A WOOD A COLOR OF A CO	PRESUMPSCOT Re 70 25.7 & OPCO. **	SACO RIVER F TO 460-9 F TO 400-9	EELWEIR CA # 43 49.7 # OP RAND POWER CO. # 437 # 0P	AM TWO * A 43 40.8 * H PRESUMPSCOT R* 70 22.8 * DP CO. * SS1 *	# # # # # # # # # # # # # # # # # # #	FOWER CO. # 45 6.5 # 0 KENNEBAGO LAK# 70 46.0 # 0P # 112 # 112 #	XNNR96G R # 70 46.6 # DP CO. # 4 0 46.6 # DP	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# # # # # # # # # # # # # # # # # # #	A WOOD A COLOR OF A CO	PRESUMPSCOT Re 70 25.7 & OPCO. **	SACO RIVER F TO 460-9 F TO 400-9	EELWEIR CA # 43 49.7 # OP RAND POWER CO. # 437 # 0P	AM TWO * A 43 40.8 * H PRESUMPSCOT R* 70 22.8 * DP CO. * SS1 *	TLLTPS	AINE POWER CO. 445 6.5 4 0 KENNEBAGO LAKA 70 46.0 8 OP 4 112 4 4 112 4	XNNR96G R # 70 46.6 # DP CO. # 4 0 46.6 # DP	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# # # # # # # # # # # # # # # # # # #	A WOOD A COLOR OF A CO	PRESUMPSCOT Re 70 25.7 & OPCO. **	SACO RIVER F TO 460-9 F TO 400-9	EELWEIR CA # 43 49.7 # OP RAND POWER CO. # 437 # 0P	AM TWO * AM AO. OF THE PRESUMPSCOT R# 70 22.0 * DP CO. * SS1 *	PHILLIPS ANDVRIVER & 70 20.9 & IS	AINE POWER CO. 445 6.5 4 0 KENNEBAGO LAKA 70 46.0 8 OP 4 112 4 4 112 4	ME PWR CO * 45 6.1 * ALIN KNNEBGO R * 70 46.6 * OP ELY POWER CO. * 146 * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# # # # # # # # # # # # # # # # # # #	A WOOD A COLOR OF A CO	PRESUMPSCOT Re 70 25.7 & OPCO. **	4 43 48.7 * I SACO RIVER * 70 46.9 * IS * 1910 * * 27	EELWEIR CA # 70 27 4 0P	AM TWO * AM AO. OF THE PRESUMPSCOT R# 70 22.0 * DP CO. * SS1 *	# # # # # # # # # # # # # # # # # # #	AINE POWER CO. 445 6.5 4 0 KENNEBAGO LAKA 70 46.0 8 OP 4 112 4 4 112 4	ME PWR CO. * 45 6.1 * KLIN KNNEBGO R * 70.46.4 OP ELY POWER CO. * 146 * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# # # # # # # # # # # # # # # # # # #	HEREBERKERKERKERKERKERKERKERKERKERKERKERKERKE	THE GORHAM TWO PRESUMPSCOT RATO 255,7 & OPT RATO 200, TARREN CO. T	THE HIGHLAND PIPS A COMPERLAND SACORIVER & 70 46.9 & 18	* STANDISH DAM * 43 49.7 * * CUMBERLAND EELWEIR CA * 70 27.4 * OP * PRESUMP WATER AND POWER CO. * 437 * * *	* MEGTBROOK DAM TWO * 44% 40.08 * N * CLMBERLAND PRESUMPSCOT R. 70 22.08 * DP * S.D.*WARREN CO. * SSI * SSI * * SSI	A AGOVE PHILLTPS * 444 SO.S & H * FRANKLIN SANDY RIVER & 70 20.9 & IS * A A A A A A A A A A A A A A A A A A	# CENTRAL MAINE POWER CO. # 45 6.5 # 0 # FRANKLIN KENNEBAGO LAK# 70 46.0 # OP# UNKNOWN # 112 # *	TOTE ME PAR CO * 45 5.1 4 4 5 5.1 4 4 5 5.1 4 4 5 5.1 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
STANKER OF A CANADA A	**************************************	THE GORHAM TWO PRESUMPSCOT RATO 255,7 & OPT RATO 200, TARREN CO. T	THE HIGHLAND PIPS A COMPERLAND SACORIVER & 70 46.9 & 18	* STANDISH DAM * 43 49.7 * * CUMBERLAND EELWEIR CA * 70 27.4 * OP * PRESUMP WATER AND POWER CO. * 437 * * *	* MEGTBROOK DAM TWO * 44% 40.08 * N * CLMBERLAND PRESUMPSCOT R. 70 22.08 * DP * S.D.*WARREN CO. * SSI * SSI * * SSI	A AGOVE PHILLTPS * 444 SO.S & H * FRANKLIN SANDY RIVER & 70 20.9 & IS * A A A A A A A A A A A A A A A A A A	# CENTRAL MAINE POWER CO. # 45 6.5 # 0 # FRANKLIN KENNEBAGO LAK# 70 46.0 # OP# UNKNOWN # 112 # *	TOTE ME PAR CO * 45 5.1 4 4 5 5.1 4 4 5 5.1 4 4 5 5.1 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
STANKER OF A CANADA A	HEREKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	PRESUMPSCOT Re 70 25.7 & OPCO. **	THIGHLAND RIPS A 43 48.7 * I CUMBERLAND SACO RIVER & 70 46.9 * IS A 1310 * *27	EELWEIR CA # 43 49.7 # OP RAND POWER CO. # 437 # 0P	AM TWO * AM AO. OF THE PRESUMPSCOT R# 70 22.0 * DP CO. * SS1 *	PHILLIPS ANDVRIVER & 70 20.9 & IS	AINE POWER CO. 445 6.5 4 0 KENNEBAGO LAKA 70 46.0 8 OP 4 112 4 4 112 4	TONEL ME PAR CO * 45 5.1 4 4 5 5.1 4 4 5 5.1 4 4 5 5.1 4 4 5 5.1 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	TAY A NORDSCOOKIN A NORDSCOOKIN A 10 NA 8 0 10 8 8 10 10 8 8 10 10 8 8 10 10 10 10 10 10 10 10 10 10 10 10 10

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,000,38 PAGE 18 OF TABLE 1

ON OF LEA	O NO & PRINARY CO. INAME OF STREAM	LONG	TUDE	6 0	TATUS	MX.STOR.	Ä	INC. CAP.	#INC.ENERGY	A THE COLUMN	COST			
200E CODE *	CUJZ3G	# # #	A C C C C C C C C C C C C C C C C C C C		A V FF	AVE. D APER. HO.	* * *	CKE CAB	ATOT ENERGY A (1000 A (MEH) A (1000	# (1000 S) # (S/MEH)	e Ē		CSEQUENCE R	DAG
のコーミーカ	2. 电电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电	******	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*	* (843)	かかなら 女女女女	**	(XX)	TENTO	***	4	*	(SECUENCI	<u>ar</u>
* MEGNEDS137		4	M 4	42			*			186	86.70	# 127	274	
- 5	A DECEMBER ON AND SERVE AN		4 4		4 4 A A	n c → n	₹		A STATE OF THE STA	4 4 4 4	330	数十	1274	5
		: 8x		. 48	0 8 8 8 8	• •	2 - 4 87	7	# n # n	r e		ge da		1274
			,	•	48		*		•	*		ėt.		
MEGNED7053		4	3 (x ·	-	3.0	在	0	- (4 167		# 2074		
2 DBC 1	N TRANSLES OFNOT REVEN	0	0.0	*			er e	4 W	# +		80 2	#	2071	i
•		B - 82		E 42			k 4	4	-	× 4		* *		2071
		4		-21	. 19 4		r -\$x		· 4 8	. *		k 44		
MEANED S149		# 47		4	*	16,0	数	0	•	169	Φ.	* 1433		
ME 361	TOPICAL TOPICA	0	9.	6	•	•	*	610	2714	e N	368	*	1433	
מאני ד	FUNITA SANUTACIONING COS	æ ,	9	ez d	\$1.00 L \$4	-	₽ 1	610	2714	*		世		1433
-		8 - 8		x 42	ER 162		n er		k &	€X #2		€ €		
MERNED SOOT		27	0	0	-82	24.0	包	0		344	G.	1372		
	FRANKLIN ANDROGOGGIN	0	- C	<u>.</u>	•	9	₩	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000	a Cit	C)	•	37.0	
		* 4		_	80°-100	o ·	3× 4	P 00 0 P 0	N D	es d		包 ·		- CO
		u da		K 48	z 162		p -61		x 4:	* *		t 1		
MEANED 9075		4	0	0	· ex	0	· - #4	0	0	W 334	~	1364	_	
ME 110	TABARKINA ANDROGOGY	0	15.0	ē	48.5		\$ 2 +	40410	70248	# CB	3 7	a	1364	
•			;	- k -8e		v	R -0	7 7 7 7	9 V	作 名		€ 4		1364
			•	ax	: - (水		. 42	4		n ex		
MEGNED 8009	PORGEUNION RIVER	3	6.5	II.	- \$33	0.09	客	6900	4 1.15 S	*	0	: #		
	TANCOCK CONTON MINING		~ . 	5	. e	5	æ '4	0 (0 1	er :	0	*		
	or kind a second	e d		k 40	# # 0 # 0 0 A 8	e n	2 - 61	00.50		数 老		€ 1		
				•	· - 212	1	- 雅		*			R =8x		
MEDNEOSOOR A		3 0	10 to			en en	8			200	e: 87] ·	1227		
	A DENTICON TANDOS GRANDAS TANDOS E DANDOS EN DESTRUCTOR E DE D		3 C	5	7 2 2 3 3 4	C)	e 4	D 6	47.77		- +	4 1	200	
•		z 4z		r est	9	e H	s #s	3				et de		1561
6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		. 4	6	400	**				4	· 48		. 4x		
	T TAKING PALLUS TAKEN TO THE TOTAL THE TOTAL TO THE TOTAL T	\$ 4 \$ 4	24.00 × 40.00	T P	# ·	হ্য ৫	4 8 4	8	0	166	20 E	# 2024		
DRC I)) 	 		9275.84) 60 0 PN	e e	ייי הייי		n n	D D	er e	20 20 20 20 20 20 20 20 20 20 20 20 20 2	200
-		¥	•	æ	•	•	数	ì	*	. 4	-	4.		i i
* DYOGOTINE			in R		₹	•	\$ 4	C	***	-		# ·		
N TO LOS	THE KIND OF THE CONTRACT OF TH	•		409		900	z 49	200	7000	n 0		₩ ₩ # # #	0	
	-			•				1000		m	2	ž	300	

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,38 PAGE 19 OF TABLE 1

# HH OX	* 0	****	## # # # # # ** # # # # #	****	****	****		0	*
* HOIR M	* 4		9	2107				101	P. 化放射性
* C Z C Z M Z M Z M Z M Z M Z M Z M Z M Z	* * * * * * * * * * * * * * * * * * * *		1057	2107			1088	1010	1.01.7
SAN	2		1057	2110			1088	1010	Notion (1000) (
**************************************	****	****	****	****	****	****	* * * * *	***	* * * * * * * * * * * * * * * * * * * *
*00 ez	1 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00	. 3606 . 3606	9 .	00	60	7.703	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	200 W
**************************************	* N * N * E		N .0	M 190			U O	ดี ส	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* < W * * * * * * * * C >> * C O O * Z O C	* C * C * C * C * C * C * C * C * C * C	****		0 IN IN	****	****	****	ο- Ru da # da da da da da	* * * * * * * * * * * * * * * * * * *
* 国国国のラウ	# # # # # # # # # # # # # # # # # # #	19000	6804 110804 10804	10 40 0 10 0 90	M1500	80 80 CO O	in in in	04 W 20 W 11 F 80	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
****	K + + + + + + + + + + + + + + + + + + +	* * * * * ·	000	0.00.00	* * * * * O O O O m m	808		2 # # # # # # # # # # # # # # # # # # #	
# WHP # WO P # WO P	# # # # # # # # # # # # # # # # # # #	00 SE SE	in m c	11 4 10 00 0 10 00 00 00 00 00 00 00 00 00 00 00 00 0	4 4 6 6 0 0	00 80 00 00 00		W 4 4 W 0 W W 0 W W 0 W W 0 W W 0 W W 0 W W 0 W W 0 W W 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
****	****	****	****	****	****	4 8 8 8 8 0 0 0	*****	000	000 *
101010		N 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	w w o°oo°	67.0	6 N 6 N	6 89	80 0 0 0	6 6	0 0 # 4 4
* * * * * * * * * * * * * * * * * * *	K K K & & & & & .			* * * * *		****	****	* * * * * *	*********
* C C C	# 60 # 60		۲. پو	277.7	80 N	321.8	50 50 50		0 #
**************************************		H 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 6 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	π C.	10	T 0	x 6	H 0P 711	OP ******
****	***	* * * * * *	****		****	****	****	****	* * * * *
**************************************	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	550	37.8 97.8	M 4 10	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0 0 0 0 0 0 0 0 0	4	N + 0	24.0 2.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4
CO A A RECO	# 4 0 # 4 0 # # W W	4 0. 4 0. ⊶ 4 N	4 0 4 0 W W	म क य क य क	40 40 40	4 O 4 O	4 0 4 0 M 4	4 0 4 0 4 0	40 # 40 # 50 #
****	k k	****	* * * * *	* * * * *	# # # # W >	* * * * *	**** W	****	M
* 4	لطاحا	င်ပ ပိပစ်	000K	80 X	₩.	8 8 8	80 RR	υ	
* W C	V V V	0 6 C 2 M 2 M	8 C C C C C C C C C C C C C C C C C C C	C MEGOALONOK	80 2 80 2 2 81 2 11 2 11	ARBOALONG Oker co.	SALO CO	A A A A A A A A A A A A A A A A A A A	X TURNE CONTRACT TO THE CONTRA
* X X R * 4 M	M M M M M M M M M M M M M M M M M M M	E X X	SEBASTICOO	9 8 2 7 8	2 X Z	2 C C C C C C C C C C C C C C C C C C C	ME SON	> •	7 0 4 0 2 4 7 6 4 7 7 4
* * * * * * * * * * * * * * * * * * *	E W	IUFAC /ELOF	× E		JUFA JUFA	N N N	S MAH		Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
* C C	0 E	HAN.	C MA1	S C C	¥ ¥	0 . X A .	8 2 X	14: 14: O. O.	Z *
# * * * * * * * * * * * * * * * * * * *	AUTOMATIC CEP KENNEGEC CENTRAL MAINE	EDWARDS MANUFACTURING CO Kennebec Augusta development corp.	FORT HALIFAX Kennebec Central Maine	ANOWAL ON WAREN	MILSTAR HANDFACTURING Kennebec Milstar Hanufacturing CO.	DAKI AND Kenneber Central	ATICE ATPO KENNUMBE CENTARE	SCOTT PAPE SCOTT PAPE	STANTING CONTRACTORNIA CONTRAC
* C	* * * * * * * * * * * * * * * * * * *				X X X X Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	0 X O 4 P F 5 X X	* * * * * * * * * * * * * * * * * * *	S X S	0 X O *
* * * * * * * * * * * * * * * * * * *	********	0	* * * * *	50.00 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5					4
# 10 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ANNAMANAMANAMANAMANAMANAMANAMANAMANAMAN	MEGNED&010 ME60400 P DFC	200 200 200 200 200	MEGNEDAOSS MEGOGOS MEGOGOS MEGOGOS	MEGNEDBOS1 MESO401 PC DFC	MEGNED BORE MEGO 450 PFC PFC	MEGNEDBORD ME60449 2 DRC	MEGNEDA011 ME60402 PRC DRC	MEGNEDAGON MEGOAGON P DRC
FEECO	E C	X V Q X Y M	MEGNED 8082 MESO459 DRC	и В 2 ж	E W	E G	X V	E V	X 4 4 6 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
*		****	* * * * *	* * * * *	* * * *	****	* * * * *	****	* * * * *

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,000,39 PAGE 20 OF TABLE 1

# DOXES	**************************************	1010	70.05 70.05	490 1490 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	en e	# # # W.LG.	50 1160 4 4 4 4 4	20 20 20 20 20 20 20 20 20 20 20 20 20 2	***
# # # # # # # # # # # # # # # # # # #	***********	1310	1024	1498	1525	1413	1160	2098	
* -	****	***	****	****	****	****	****	* * * * *	****
ANUL COST.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	246 30 30 30 30 30	0 m	302.86 78.967	75.476 86.899	227.59 57.881	167	145 62 90 90 90	00
****	****	***** OMM	* * * * * 20 to 100	****	****	0 11 10	****	000	****
A PUUUNA TIISS *	# # # # # # # # # # # # # # # # # # #	## ## ## ## ## ##	W M 70	mm co mm	80 80 80 80	mm or or mm	0 C	MM 99	22.499
* • •	*	N N N N O O O	5 6 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	055	0.4.4	CHH		onn	000
* * * * * * * * * * * * * * * * * * *		in in	M - 4	2008 2008 1009	กั กั	000	in in	4 4	M M M
* * * * * * *	****	000	000	000	000		ono *****	000	000
A C C C C C C C C C C C C C C C C C C C		0 0	ф м м	8 8	0 0	N W	M W A RU	20°0 20000 17°0	70°0
* EG * * * * * * * * * * * * * * * * * *	* * * * *	****	****	****	* * * * *	* * * * *	****	* * * *	* * * * *
# & & & & & & & & & & & & & & & & & & &	0 P P P P P P P P P P P P P P P P P P P	00 90 82 84	T C	0.0 0.0 1.349	0 0 0 0 0	n9 *184	0.00 mg	I H	11 11 1758
*****	* * * * * B	****	****	* * * * *	****	* * * * *	****	* * * * *	* * * *
*HO * CO * CO	2 M M M M M M M M M M M M M M M M M M M	F 0 3	 W O N	6 M 0	N 0 0	6 6 9	- O - O - O - O - O - O - O - O - O - O	ONIN	0 O NI 1
* 4 Z T C C C T I	* 4 0	46	4 6 5 5 6 6 6	4 Q	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 1 1 4 4 1 1 4 4 4 1 1 4 4 4 1 1 4 4 4 1 1 4 4 4 1 1 4 4 4 1 1 4 4 4 1 1 4 4 4 1 1 4 4 1	40 N. N. 40. V.	40 W W 24 W C 11	50 SE
* 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1		4 4 4 4 4 4 0 4 0 4 0	ted ted	40	* * * * * * * * * * * * * * * * * * *	13.	\$0 BU \$0 CU	20 m	80 49 4
* * * * * * * * * * * * * * * * * * *		CODSOSEECONTE* 69 55	M CO WERE & CO M	MILL * 44 1 COBBOSSEECONT* 69 4	DUT 2 * 44 11. CRAWFORD POND* 69 16.	** 444 138 ** 644 138 ** 60.3 ** 64 16.3 ** 64 16.3 ** 64 16.3 ** 11.3	TAGALLONAY # 444 W6.	40 W W 24 W C 11	* * * *
******	STATEMENT OF THE STATEM	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # #	A A A A A A A A A A A A A A A A A A A	2 * 44 11. * 44 11. AMFORD POND* 69 16.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * 4 4 4 4 4 4 4 4 4 4 4 4 4	TO TO THE	7 * * * * * * * * * * * * * * * * * * *

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,39 PAGE 21 OF TABLE 1

THE TO NOTE OF THE	PRITARY CO. INAME		28668	CO AREA CO AREA CO A BOOK	A A A VE		* * * * * * * * * * * * * * * * * * *	HUNCH CKEN CKEN CKEN CKEN CKEN CKEN CKEN CKEN	# INC. ENERGY # CLOOR (MEH) # (100 # (MEH) # (100 # (MEH) # (M	> o ₹	COST* ERC NONECONORIC * ERC COMPOSITE 6) * (OECUENCE RANK) ************************************
**************************************	######################################	CO RIVER	# M O	* # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *		# # # # # #	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	**************************************	* 2080 2080 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
MECNEDURACO ME 197 # 197	H DM UN WTB PR OXFORD RCHDS UNION WATER POWER CO	87 CO RECORD	4 b 4 c	26 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0 4 4 4 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0	* * * * *	440 M C C C C C C C C C C C C C C C C C C	12701 12701	87700 87700	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1162 1182 * * * 1163
MEGNEDGOOV * MEGO110 * * ONC * *	MIDDLE OXFORD ANDRI RUMFORD FALLS POWER	ANDROGCOGGEN CONTRACTOR CO	30	M O O 8 8 6 0 M O M M O	# # # # ED ED ED ED ED ED ED ED ED ED ED ED ED	* * * * *	* * * * *	21970 8013 29983	153000 23861 176861	11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 1363 * 1363 * 1363
AMBONDONG A ENGLANGED A CONCORDA WAS CONCORD	PLEASANT SIVER AND AND	ANDROGOGOEN	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 W & 4 W & 4 W W	SH TH THE	****	N.N. 4. *0. 000	44 44 0 Nun	44 40 90 90 90 90 90	79. 12	* 2091 * 2091 * 2088 * 2088
MEANEDS271 * ME 198 * 2 DRC I *	RICH UPPER CXFCRD RAP UNION WATER DOVER	RAPIO R.	4 4 4 4 4 4 0 0 0 0	N N N N N 3 0 0 0 N N N N N N N N N N N N N N N N N	00 + 7 4 0 0	****	220138	4.4 R. RU 4.4 O RU RU	000000000000000000000000000000000000000	444 444 444 444 444	1450 1450 1450 1450
HENNEDSOOS REO1609	WANN FALLS SACON S	CO RIVER	* * * * * 4 C	เล พ.ช. พ.ช.จ	**************************************	****	000	7117	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	W. P.	* 1406 * 1406 * 1406
MEGNEDOOOB MEGOTII MEGOTII	THIRD FALLS CXFORD RUMFORD FALLS POWE	ANDROGCOGGIN	4 4 4 4 4 4 0 4 0	# 0 0 % # 0 M # 0 # # 0	1	****	4 7	12800	000000000000000000000000000000000000000	66	****
MEENEDYOGO MEGOGASIN DRC I	MACE CONTRACTOR OF THE CONTRAC	© (1) 1 1 1 1 1 1 1 1 1	* * * * *	W W W W W W W W W W W W W W W W W W W	* * * * * * * * * *	****	11 15 00 00 00 00 00 00 00 00 00 00 00 00 00	1053 1053 1053	* * * * * * * * * * * * * * * * * * *	22 22 22 23 24 24 25 24 26 26 24 26 26 26 26 26 26 26 26 26 26 26 26 26	* 2010 2010 * 2010
MEGNEDSOUS MESOTOS	A WANGON HYDRO : DRO : D	GROND STILLWATER RI	4 4 4 4	0 4 4	IG.	***	00 80 80	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	18000	263.87	* 1053 * 1053

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,39 PABLE 1

* HF 0X	* * * * * * ·	****	****	****	* * * * *	****	****	* * * * *	* * * * *
* O O & < X +	1058 1058			1069	1378	2060	2007	2097	· · · · · · · · · · · · · · · · · · ·
**************************************	# 40 # 40			1069	378	0902	2007	7602	1361
				1069	37.8	50 Si	2007	2100 E	361
	# C			្ឋ * * * * *		0 N	0 0 * * * * *	 * * * * *	M * * * *
* F	k k kum kum kum	00	00	PT 40	4 AU	N Re	2	មាស ស្រុស	10 PM #
NE	* • • • • • • • • • • • • • • • • • • •			1 38 . 7 . 4 8 2 1 .	50.7	50.7	348.7	888.63 6.3	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
ENER CI MES	k k k								
* * * * * * * * * * * * * * * * * * *	* O O O O	808	808	000	44 74 088	0.00	0 0 0	000	000
E E E E E E E E E E E E E E E E E E E	3000 3000 3000 3000 3000 3000 3000 300	11000	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	52000 18460 70460	4 4 0 0 4 4	4 4 W W	1.86 1.86	MM	0 10 44 40 40 40 40 40 40 40 40 40 40 40 40
* 4 # # # # # # # # # # # # # # # # # #									* * * * *
	1 - M. 1	1979	8 8 0 4 4 0 0 0	8 1 4 6 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1170	6 6 6 6 6 10 10	0 0 0 0 0 10 0 10	OM M O O	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
# # # # # # # # # # # # # # # # # # #	k - M W	3 3	8 8	Ø → Ø	6 6	60 60	พัพ		673 673 673 674 744
X X Z C X Z C C C C C C C C C C C C C C	K R R								*
******	000	000		****	*****	****	*****	000	0100
A H H H H H H H H H H H H H H H H H H H	000	20.	200	N N	ห์ ห	9 M W	50 d	100 100 100 100	24 4 4 0 10 0 4
EDX3			****	****	****			* * * * *	* * * * *
	¥ 40	4	•	-	616.7		46.1	172.8	# # # # # # # # # # # # # # # # # # #
# 14 > C E E E E E E E E E	# 0. T	100 and 100 an	100 m	H DP =13212,	0 0 •1361	T TS 113302		ø •	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
# CD 60) # CC		****	****	****	****	IH:	****	****	* * * *
	0.0	4 % N	49.7	400	0 0 0	0 M O	2.0 4.0 4.0	* *Q. N O 4	48 44 47 50 60 60
2000 2000 2000 2000 2000 2000 2000 200	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	RU 60 ⊶ KU ⊶	44 60 41 77	4 60 0 W P 6 0 W	4 57 6 7 6 0 7 6 0 0 0 0 0 0 0 0 0 0 0 0 0	8 51. 7710	10 40 4 Nu	10 €0 	40 *
		* * * * *	*****	4444	* * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * *	*****	****
E E	# 02 02 # 02 02		> I &	λ Ε	œ	œ		STREAM	
k «	* *	NO AT	0050	ENDBSCOT	. TAN	ENDBSCOT	B A N C H		30.0
k < M k ≥ k m C k m (r	* L L L L L L L L L L L L L L L L L L L	HOWL AND PISCATAGUIS	PENOBSCOT	. ON	STILLWATER	EN CI	E A S	P C SHAW	PENDBSCOT
	* 00 00 * * 1 * .	* a		a.		Ω.	ia.		20 00
# C C	# 6 C C C C C C C C C C C C C C C C C C	HYDRG HYDRD HYDRD	YORU Yoru	YORG YORG	7080 7080 7080	S L	801-	-	2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	101 101	2 0 K	262	2 0 2 2 0 2 2 0 2	X 80 80	X 00	RAP	3800	0F 0SC 0F
	SANDO EXPENSA SANDA SAND	BANGOR HYD PENDESCOT BANGOR HYD	BANGOR HYORD PENDBACOT BANGOR HYORD	BANGOR HYDR Pendbroht Bangor Hydr	BANGOR HYDRO Pendron Bangor Hydro	BASTN MILL PENDBSCOT	BEAR RAPID Pendbscot	BRADFORD Pendbscot	CHIV OF BANGOR PRYDBSCOT CHIV OF BANGOR
* * * * * * *		****	****	****	***	****	****	* * * * *	****
	400 000 000 000 000	8039 773 C	5058 701 C	306 706 0	05006 0704 80	7033 190 10 I	07013 9163 RC I	7032 189 IC I	7004
TANDERS OF THE PROPERTY OF THE	E CONCORDE C	MEGNED&039 ME60773	MEGNEDBOSSE MEGOTOT	MEGNEDBOSO MESO706 2 DRC	MEMNED5006 ME00704	MEGNED7033 MEGG190 2 DRC I	MESNED 7013 MESS163 2 DRC 1	MESNEDYOUS MESSOLAS PRC I	MERNEDSSOA ME 700 2 DRC
R F F A C	EU EI A				Z 0:				# * * * * * * * * * * * * * * * * * * *

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00.39 PAGE 23 OF TABLE 1

**************************************	SASARRARARARARARARARARARARARARARARARARA	* *		TUDE	ASTACA PARTER BARARARARARARARARARARARARARARARARARARA	*	A HANASARANA A A MANASARANA A MANA	TATA SA	# ₩ # # # # # # # # # # # # # # # # # #	ANA CONTRACTOR AND AND CONTRACTOR	######################################
* ACTV DEP .	CY INI	₩.₩.		AREA *	A VE. 0.	(FT)	· .	*TOT BNEEGY*	ŝ	CSEQUENCE	MPOSITE*
* STATUS	# # # #			CIE COO	(CFS)	_ ;		T CHEE	Î	_	RANK) #
	A DIAMOND INTERNATIONAL PROCESS A PENDENCIAL	ANTERNATIONAL ANTERNATION DE PROPOSCOL DE PR		4 00.00 4 4 60 4 4 60 60 60 60 60 60 60 60 60 60 60 60 60		17.0			**************************************	**********	***
* * * ORC	* DIAMOND INTERN			7380 *	-13212,18	17.0	1	47271	Li F	•	1011
* MEINEDSO42	* 001.84	t 4: 4	100 100 100 100 100 100 100 100 100 100	# # 69 # #	I	(C)	***		a a	P 0	K # 4
	NORTHWOOD A	DOLBY POND	60	. .	# 0.00 PF	- J	4040			2104	* * *
* 1	**		•	*))		•		
* MEGNEDA041	* EAST MILLINGCK	3	£.	57.1 *	* * *	29.0	1370	C		1389	**
* ME60863 .	A DRINING CONTRACT SERVER TO SERVER	EMBH BRANCE DA	4 0	34.7	# 04855.04	00	10847	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	52.440	1389	# # 69 PF
* *	* *	* •		* *	#. 1		* 4	* 1			* 1
* MEGNEDYORG	# GRAND FALLS	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	iù :	101	.				162.40	5005	* *
+ 2 DRC I	TO DO CONTRACT W	d id d E D O d o d d	D	2002	* 0°655=	9000	* *	3 GGOT #	80 41 10	9002	* * 900g
* 1	* 1	*		#	## 1		*	*			•
ED5316	* GRAND LAKE DAM	* *	\$	30 i		in:	c *	0	199. 9	1217	* *
* ME 647	* PENDOGOT GR L MIGMN * EAST BRANCH INPROVEMENT CO	GR C MIGNN *	10	4 0.4	846.0	000000000000000000000000000000000000000	# #	7466 #	99.9	1217	1217
	* 1	* 1		# 1	= 1		*	- * •	•		*
# MEGNEDBOAS	# GREAT ECRKS	6 6	4	34.0	I (17.0	2000	* 56962	* †		* *
DEG E *	THE PROPERTY OF THE PROPERTY O	CHEMICAL TOTAL OR	0	***	*80*	10.0	* 50000	# # IN 0 9 6 NI	.		* *
:		* *		4,4	* *		**	* *			* *
* MEGNEDADIU	* LEDGE TALLS * PENDBOCOT	EAST SEANCH DE	4 0 N 0	37.4 *	± # • • •	0000	20	•	684.30	2031	* *
+ 2 DRC I	* 1)		2	-1980.1*	~	6.00	19114			2031 *
		* * -	u	# # ·	. 451			14 44 4	•		* *
	PENDOCON	PASSADMKG	1 40	27.7) MO	4 4468 4	39,201	1315	* *
A A DRC II	* LINCOLN PULP A	IND PAPER CO. *		 100	-510.3x	000	0	40			1315
# MESNEDTON	CZATOT TOTAL *	**	44	# # M M	.	0.01	C	**		200	* * *
* NE99187	TOUR CONTRACT	PENDBOCOT RIVA	68	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10	0		* 60090000000000000000000000000000000000	0.00	2074	
· · · · · · · · · · · · · · · · · · ·	在新教育的 医克里克氏试验检检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检查检	*		***	***********	* * * *	1070F	9 4	* 1	27 / DW	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,40 PASE 14 OF TABLE 1

C XCCNONIC RC CONDEIC RC CONDEIC RC CONDEIC RC CONDEIC RC CONDEIC ROUENCE NANN) # ROUENCE NANN) # ROUENCE NANN) #	l .		2012 2012 #	1132 1132 **	## ### ###############################	2079 2079 2070 2070	# # # # # # # # # # # # # # # # # # #	4 1017 4 1017 4 1017 4 1017 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	2033	eri eri eri eri	8 10 8 11	S S S S S S S S S S S S S S S S S S S	20 20 20 30 30 30 30 30 30 30 30 30 30 30 30 30	RI 20 O N	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1017
ANXIONAMENTATION	f t		* * * * * *	N. N	- 60		0 0 0 0 0 0 0 0 0 0	28.862 W 1607 W 1607 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W
**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		M 1 M 0 M 0 M 0 M 0 M 0 M 0 M 0 M 0 M 0	000 000 000 000 000	* * * * *	****	* 000000 * 000000 * 0000000
	1000 1000 1000 1000 1000 1000 1000 100	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17190	W	# # # # # OM M TT TT		0 49 40 40 40 40 40 40 40 40 40 40 40 40 40	2. CONN 2. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.
2 X X X X X X X X X X X X X X X X X X X	E CO SO CO	**************************************	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 mm	14 14 14 14 14 14 14 14 14 14 14 14 14 1	****	
* * * * * * * * * * * * * * * * * * *		100 90 90 90 90 90 90 90 90 90 90 90 90 9	11.15 11.15 11.15 11.15 11.15	I 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	X X X X X X X X X X X X X X X X X X X	O M M M M M M M M M M M M M M M M M M M	T * * * * * * * * * * * * * * * * * * *	在
# W W C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #		2 0 0 2 4 0 2 4 0 0 0 0 0 0 0 0 0 0 0 0	24.0 2.0 2.0 2.0 2.0 2.0 2.0	24 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	24.00 20.00 20.00 20.00 20.00 20.00	24.0 20.0 20.0 4.0 4.0 5.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	24 10 10 10 10 10 10 10 10 10 10 10 10 10
****	******		MANUCI DEPART	* * * C TUNYCO LOUGHOUS	PASSADUMKEAS # # # # # # # # # # # # # # # # # # #		* * * * * * * * * * * * * * * * * * *	
SARARARARARARARARARARARARARARARARARARAR	SASASASASASASASASASASASASASASASASASASA		POND PITCH PENDBOCOT	ROCKABREALHEDEAY PENDEBCCT EM	OR PONDO COT	8 H H C C C L C C C C C C C C C C C C C C	SENCINE ALADERO SENCIOLE DE COMPONIO CO	* AMBARDOOMY * OHANTOND DAT * MENONO * PRACTOMOCO! * ONC * DAC * CONO
	4 4 24000000000000000000000000000000000		* ME6NEO7011 # * ME99154 # * P ORC 1 # *	# # # # # # # # # # # # # # # # # # #	* XE6NED 1029 * X X X X X X X X X X X X X X X X X X	T 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		A MEGNEDSOUNT THE DOUGH THE DAY THE DAY THE DAY THE DAY THE

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,40

# # # # # # # # # # # # # # # # # # #	* 6	00 Nu V	0000 0000 0000 0000 0000 0000 0000 0000 0000	2011	1106	# # # # # # #D	* * * * * *	* * * * *	* * * * * * * * * * * * * * * * * * *
*C Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	**************************************	2059	2070 2067	2011	1106	1388	1466	2093	2003
* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	80 M 80 M 80 C 80 C 80 C 80 C 80 C 80 C 80 C 80 C	201. 52. 52. 54. 54. 54. 54. 54. 54. 54. 54. 54. 54	200 200 200 200 200 200 200 200 200 200	00 00 00 00 00 00 00 00 00 00 00 00 00	URD 044	6.00 6.00 6.00 10.00 8.40 8.40 8.40 8.40 8.40 8.40 8.40	112°47 79°7W7 * * * * * * * * * * * * * * * * * * *	N
**************************************	**************************************	2.2 4.6 0.0 4.8 4.4 4.4	* * * * * * O	1007 1007 1007 1007 1007 1007 1007 1007	00 PM 00 PM	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1144	# # # # # # # # # # # # # # # # # # #
E	**************************************	* * * * *	4 4 4 4 0 40 0 00 0 00	M W W W W W W W W W W W W W W W W W W W	66 60 44 60 60 60 60 60 60 60 60 60 60 60 60 60 6	****** O NI NI O O O O O	E # # # # (C D* D* 	0.00-00 01.01 01.01 01.01 01.01	在 医多种性性性 医甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
******	* * * * * * * * * * * * * * * * * * *	000 000 000 000		M M M M M M M M M M M M M M M M M M M	4 4 4 4 4 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	**************************************	(4 d) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	**************************************
A A A T T T T T T T T T T T T T T T T T	**************************************	TI OF A STATE	* * * * * * * * * * * * * * * * * * *	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		2	2	2	在在中央中央中央中央中央中央中央中央中央中央中央中央中央中央中央中央中央中央中
A D C C C C	有意情,我们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们	24.00 00.00 00.00 00.00 00.00	NO M	2.0 2.0 2.0 2.0 0.00 0.00 2.4 4 4 8 8	27-0 0	2.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	24.00 2	2.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	450 M7.00 4 60 W10.4
. 7	6 G.	A A A A A A A A A A A A A A A A A A A		EEST BRANCE DE SE	DNE PIOCATADULG TA * CO. T. CO	COT TWO SECTOR A LONG TO CROST	CT WT DT AGUIS PISCTOS R * OF DOVER-FOXCROFT *		***************************************
	TOZYRO POYU POYU POYU POYU POYU POYU POYU POY	ABOVE POXCROPT Pigcataouis	ABOVE MILO PISCATABUIS	DEBACONEAG Piscataguis	DOVER-FOXCROFT PISCATABLIS AMERICAN WOOLEN	DVR FXCFT TWO PISCATABUIS TOWNS OF DOVER	DVR FXCT WT DT PISCATABUIS TOWNS OF DOVER	EBERMEN LAKE Pigcatadus	MEGNEDYO16 * FOXHOLE RIPS * MEGG166 * PIGCATAGUIG MEGT BRANCH * ? ORC I *
***** **** **** **** **** **** ****	ž.	2	# MEGNED 7035 # MEGNED 7035 # MEGOGO 3 # 4 # 4 # 4 # 4 # 4 # 4 # 4 # 4 # 4 #	S MUSCOLO B B MUSCOLO B B MUSCOLO B B B B B B B B B B B B B B B B B B	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	THE SHAWAY AND WANNING AND	TEANTOUNDON TO THE TANK ON THE	MEDNED 4000 A 4 1000 C	# MEGNED 4016 # # MEGO 4016 # # # MEGO 166 # # # # # # # # # # # # # # # # # #

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,40

~ 1	E .								
DOTAT DOTAT DOSAT	1508		1260	1395	2041	1006	1411	1166	00 00 00 00 00 00 00 00 00 00 00 00 00
	508		1260	1395	2041	1006	1411	1166	054 2052 2052 2053
* CONONIC * * ERC CONONIC * * ERC CONFORTER * (SEGUENCE NANK) * * (SEGUENCE NANK) * * (SEGUENCE NANK) *	10000 10000 10000 10000		190	24 29 20 20 20 20 20 20 20 20 20 20 20 20 20	2043	1006	# # # # # # # # # # # # # # # # # # #	1166	2054
* * * * * * * * * * * * * * * * * * *	*	* * * * *	****	****	* * * * *	****	****	* * * * * *	* * * * * *
(1000 8)	K	00	M 10	946 BU	304.68 41.9893	01 0 0 0	207.78 57.717	172 173 1 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	40-10-6
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* O O O	****	* * * * *	****	****	****	*****	* * * * * * * ·	* * * * *
		009E	44 44 0 10 10 10 10 10 10 10 10 10 10 10 10 10	17071	M M	100000000000000000000000000000000000000	00 99 mm	0 0 0 0	
	* * * * * * * * * * * * * * * * * * *	* * * * * * 		25 20 20 20 20 20 20 20 20 20 20 20 20 20	000 44 000	000	0 90 9	44 WW ONW	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* O 3 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		4 K	1246 1246 1246	6 60		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 0 60	44	2
*****	****	****	****	****	* * * * *	****	000		* * * * * * * * * * * * * * * * * * *
28 82 82 82 82 82 82 82 82 82 82 82 82 8		4 W		714980	.0 . 0 0 0	0 0 8 0 1	80 40 40 40 40 40 40 40 40 40 40 40 40 40	108 48 48 00	0.00 44 44 44 44 44 44 44 44 44 44 44 44 4
. •	* * * * * * * * * * * * * * * * * * *		****	* * * * *	****	****	****	* * * * *	* * * * *
k 5 5 6 k	* M	8	604	92	9	16J	52.7	587	20
		E IC	**** 0P	* * * * * * * * * * * * * * * * * * *	*****	****	0.00	# # # # # C. C. ED.	**************************************
*****	* GO		4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	ø> ₹	T # # # # # # # # # # # # # # # # # # #	~	•	80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
*****	44 9 9 4 0 6 9 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 * * * * * I C	%.1 * 0P	5.50 5.50 5.50 5.50 5.50 5.50 5.50 5.50		****	****	****	N 0- 4
######################################	* GO	* * * * * * * * * * * * * * * * * * *	10 10 10 10 10 10 10 10 10 10 10 10 10 1	40 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	* * * * * * * * * * * * * * * * * * *	4 45 16-1 + 69 7-0 + 0P 371 + 0P	6 6 6 7 5 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	N 0- 4
1		4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T 4 CO SUN CA A CO		LAKE + 69 7.0 + 0P	*BS-1 -	
1		4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2	# 45 35.2 # MOSEMEAD L # 69 42.9 # DP DRIVING CO. # 1240 # # #	TAPLLOS TO TAPLE STANDING OF THE STANDING OF T	T # 80 WE BUT # T # 80 WE BUT # T # WE BUT # # T WE BUT	LAKE + 69 7.0 + 0P	TESTEST : * 69 7.6 * 070 *	
1	AREARARARARARARARARARARARARARARARARARAR	POND DAM * 455 27.0 * ILOMER WILSON * 69 31.0 * DP	P SEBEC R * 60 39.3 * OP ELECTRIC CO. * 341. *	# 45 35.2 # MOSEMEAD L # 69 42.9 # DP DRIVING CO. # 1240 # # #	TAPLLOS TO TAPLE STANDING OF THE STANDING OF T	AT A GUND ON THE GUND ON THE CHECK THAN THE CHECK T	LAKE + 69 7.0 + 0P	TESTEST : * 69 7.6 * 070 *	
1	ALERARA ARAKA ARAKA ARAKA KARAKA ARAKA ARA	LOWER WILSON POND DAM * 45 27.0 * N PISCATABUIS LOWER WILSON * 69 51.6 * DP UNKNOWN	SESECT * 60 39.3 * OP	* 45 45.2 * 10P	PASSANAGORNAC FALLS PISCATAGORNAC FALLS PISCATAGORNAC MEST STANCH PS 68 US.9 5 100	A CHINCONING DAY PROCESSED CARGENCON LAS 6-9 10-7 4 CO CARACON LAS 6-9 10-7 4 CO CARACON LAS 6-9 10-7 4 CONTRACTOR A CONT	SEREC. A 45 16.1 * PISCATABUTS SEREC LAKE * 69 7.0 * OP SANGUR HYDROELECTRIC CORP. * 371 * **	TLS WBST L * 69 7.6 * DP * 270 * *	
######################################	AREARARARARARARARARARARARARARARARARARAR	POND DAM * 455 27.0 * ILOMER WILSON * 69 31.0 * DP	P SEBEC R * 60 39.3 * OP ELECTRIC CO. * 341. *	# 45 35.2 # MOSEMEAD L # 69 42.9 # DP DRIVING CO. # 1240 # # #	TAPLLOS TO TAPLE STANDING OF THE STANDING OF T	AT A GUND ON THE GUND ON THE CHECK THAN THE CHECK T	LAKE + 69 7.0 + 0P	TESTEST : * 69 7.6 * 070 *	A MUNDULA A MUND

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13.00.40 PAGE 27 OF TABLE 1

AC PRODUCT A SAMPLE A	** ** ** ** ** ** ** ** ** ** ** ** **	2000 4000 1000 1000	860T	1105	1001	237 237 2337 2337	### MOU 1000	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	2004	10	1105	1021	1337	1037	2076	0 RI
****	***		****	****	****		****	****	N * * * *
* C C C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	181.48 16.176	51.131 9.7466	38,780 10,844	80	3084.4 42.419	7 7 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	188.97 57.832	355.40 33.662
4 C >>>	** * * * * * * * * * * * * * * * * * *	11000	* * * * * * * * * * * * * * * * * * *	M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	72719 * *	\$ \$ \$ \$ \$	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	# # # # O 00 00 O 00 00 O 00 00
# # # # # # # # # # # # # # # # # # #	**************************************	000 900 910	9 006 9 4 006 9 4 7 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1		0.00	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	* COO	40 M NOW 000	0 0 0 0	000 M M	4 4 0 0 000		W W OCO	11 10 10 10 10 10 10 10 10 10 10 10 10 1	100000 10000 1000
**************************************	**************************************	T	.X	T 00 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	REER E	T I-1 80 10 10 10 10 10 10 10 10 10 10 10 10 10	** * * * * * * * * * * * * * * * * * *
* - 5 - 3		© M © 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	24-0 20-0 20-0 20-0 20-0 20-0 20-0 20-0	44 W W W W W W W W W W W W W W W W W W	44 44 44 44 44 44 44 44 44 44 44 44 44	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2.0 2.0 2.0 2.0 2.0 2.0 0.0 0.0 0.0 0.0	247 000 100 100 100 100 100 100	20 m/2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* E	EXTERNAL SERVICE TO SE	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	E POMER CO.	PAPER CO. ANDROGOGINAS	MR PULO AND DAPMA	MLS D KENNERECR ANTIQUE SHOP	S X X X X X X X X X X X X X X X X X X X	MOD MANAGEMENT OF THE PROPERTY	OM ADUSA 4 M W W W W W W W W W W W W W W W W W W
* 1	R .	A MEDSTER LAKE A PISCATABUIS A BISCATABUIS	* CENTRAL TAINE * GAGADAHOC * CENTRAL TAINE	PECEPSCOT SAGADAHOC ANDROSCOC		A BNDERBON MLG A BDRERBERT A BLD MILL ANT	ANSON PUPPER COMFRONT CENNESSED BIV		AEGNED 7001 & DAIL ITV BROOK DINADEATING AEGNACOOD & DOLENGET BRAKEN BRAN BRAN BRAN BRAN BRAN BRAN BRAN BRA
	MEANEDSHAN	MESONEDIOIO	MEGNEU8061 MESO101 PRC DRC	MEGNEDBO48 ME60102	MEGNEDBO14 ME60405 2 DRC	MUNCOUNT WE WIND ON OUR OUT	MEGNEDBO13 ME60405 2 DRC	MESNED7040 MESSSO1 2 DRC I	ME6NED7001 ME99002 PR DRC II

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,41 PAGE 28 OF TABLE 1

COLORORA COL	K 15	# # # # # # #) #)	20 20 20 20 20 20 20 20 20 20 20 20 20 2	* * * * * * * * * * * * * * * * * * *	1409	1061	14.66 4.4.4.4	1239 2339 244	# # # # # # # # # # # # # # # # # # #
X		40.00	2094	2 2 2	1408	1261	1366	23.9	# # 00 # # # # # # # # # # # # # # # #
	1153	1354	2097	1 424	1408	1261	1366	600	2008 2008
* * * * * * * * *	****			*****	C 0°	*****			****
		1 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	90.28	130 61.30 52.32	54 84 84 84 84 84 84 84 84 84 84 84 84 84	180.36 32.640	189.37	782.8	175.53 20.485 *******
######################################	MM	N M 0 0 0 3 3 0 0 0 0 0 0	11 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			4 0000 P 4 0000 P 4 000 P 4 000 P 4 0 0 0 0		10070 M7 M M M M M M M M M M M M M M M M	# NON00 # NON00
k		* * * * * * * O C C O O		000	0 0 0 40 40	MACON	0 4 4	76600 30783 107383	在 代
	2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5 * * * * 000 900 900 900 900	* * * * * OOO M M W W	0 4 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6 6 0 0 0 0	N	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 000000 000000 00000000000000000000000
**************************************	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	60 80 80 80 80 80 80 80 80 80 80 80 80 80	* * * * * * * * * * * * * * * * * * * *	0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 00 00 00 00 00 00 00	**************************************	# # # # # # # # # # # # # # # # # # #	T	4 0 9 7 10 10 10 10 10 10 10 10 10 10 10 10 10
****	* * * * * * *	* * * * * *	* * * * *	****	* * * * *	****	*****	. * * * * 1	* * * * *
# CO C C C C C C C C C C C C C C C C C C	200 200 200 200 200 200 200 200 200 200	NO	N 4 O M N M Q	4 4 0 4	N N → → • • N O N 4	4 5 W 5 W 6 W 6 W 6 W	N	52. 52. 52. 52. 52. 52.	N N N N N N N N N N N N N N N N N N N
4 Z Z C C C C	* * * * * * * 4 * * * 4 * 0 * 10 *	* * * * * * .	* * * * * * 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	* * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * 4 * 4 * 4 * 4 * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
	AKERAFAFAFAFAFAFAFAFAFAFAFAFAFAFAFAFAFAFAF	CANADA LK FL D BOMMERSET CNADA FL L GREAT NORTHEASTERN NEKOOGA C	E E BRANCH	LAKE DAM Flagstaff Lak	GILMAN ST	CRN PAPER CO. KENNERC RICH	GRTMODSELK DAM SOMFRSET TOWN OF HARTLAND	INDIAN POND NE POWER CO.	THE SECTION OF TOLING FALLO MODGE SIVERS A TOLING FALLO MODGE SIVERS A TOLING FALLO MODGE SIVERS AND SIVERS AN
THE	#	CANADA LK FL GOMERSET GREAT NORTHE	FEAST MADISON	TLAGOTATE LA GOMERGET LUKNOEN	A GHEMAN SHEDAM SHEDAM SHED OF SHHIFT	# GREAT NORTHERN # GREAT NORTHERN # GREAT NORTHERN		A TAIROOM A COLENDON A COLENDON A COLENDON A COLENDON A COLENDA COLEND	本 エロ「四の 下入し」の 一川 本 エロ「四の 下入」 の 一川 の 下入 の の 下入 の の 下入 の の の 下入 の の の 下入 の の の の
* * * * * * * * * * * * * * * * * * *	**************************************	* MECNEDSUSTRANCE MECNEDSUSTRA	MEGNED 1050	* MECNED 30114 MECODSIGN N DAC	A MURED SIME A A MIN DAC MARK A A MIN DAC MARK A A A A A A A A A A A A A A A A A A	A MEGNED BOUGH	# MECNEOS384 # ME 464 # 2 DRC 0	X X X X X X X X X X X X X X X X X X X	# MED NED 70 MG # MED 90 MG # MED 90 MG 90

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13.00.41 PAGE 29 OF TABLE 1

FE SE	* 0						_		~ ~ ~ ~
SA (XXCA MONOMO) * * (XXCA MONOMO) *	* * * *	1523	2001	2081	1165	1277	2044	2016	2077
**************************************	* 00 00 00 00 00 00 00 00 00 00 00 00 00	523	2001	2081	1165	772	6 4 4	2016	77
*C Z Z W D D D D D D D D D D D D D D D D D	# # # # # # # # # # # # # # # # # # #	-				•			
* 3	# O # 4	1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2001	2081	59 11	1277	2046	2016	2080
* * * * * * * * * * * * * * * * * * *	*	7 ·	**************************************	**************************************		* * * * *	****	* * * * * • • •	* * * *
* D C C X D	444 216 40 40 40 40 40	เกิด	9 7 8 0 4 0		7 4 4		4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2 3 3 5 6 6 5 1 3 6 6 1 3 6 1	27 W 20 W 4
######################################	* 0.4	- 6	4.0	6.9	4 V1 V1 →	W W	01.2 2 kJ	⊕ U1	16
A WARANA A A A A A A A A A A A A A A A A A	* * * * * *	* * * * * OMM	000				****	****	****
**************************************	* MM * MM * MM	4 H	.5900E	0 0 6 6 N N	0 0 0 0 0 0	0 0 m m	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20	2627
* 0 * * Z Z Z X X X Z Z Z	*		3 3			***	un un	N N	4
* * * * * * * * * * * * * * * * * * * *	* WW	****	****	****	*****	0.0.0	*****	0 00 00	* * * * *
**************************************	* 00 * 00 *	iu iu 44 Giu iu	00002	10 TU W W C 4 4	9 M 46	8 2 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	10 CO	41 44 41 44 41 44	601
# E E E E E E E E E E E E E E E E E E E	*		ณ ณ				N NI.	ज्यं का जा का	1
*****	* * *	****	* * * * *	****	*****				
* * * * C * * * * * * * * * * * * * * *	* - 0 St * - 0 St * - 0 0 • * - 0 0	000	000	2.0 0.0 0.0 0.0	000	0 N O	000	9 0 9 0 0 9 9 0 9	000
* * * * * * * * * * * * * * * * * * *	# == F] == # #	ณี ณี	W 0 0	± \$	17	122	% " ≒	118	N 9 1
######################################	* * * * * * * * *	* * * * *	****	*****	****	****	****	* * * * *	* * * * * *
± 0 € 0 5	* 6 * 5 * *	-172.	975.	964	P 1166.	85 4.0 4.0	5340.4	99	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	* 5 * 5	o ĉ .	χ. Σ.Ε.	O I H	. r	u B	T EL	± H 60 10 10 10 10 10 10 10 10 10 10 10 10 10	I H #
*****	* * * * * *	* * * * *		* * * * *	*****	****	*****	****	
######################################		11 ac o.	4 M M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	wow own	W 44 40 6 0 0 0	9 0	6 M O	7.5 7.4 570	4 10 0 4 4 10 4 4 10 4 4 10 4 10 4 10 4
*HHEXX	# PO MO					3 3 M			
* _ 0 0 0 0 0 0	* * 10 O * 3 O	Nau Cran	in c	4 Q.	2 Q	N. 0.	40. 40.10	N Dr U N Dr →	un a
****	* * * * * * * * * * * * * * * * * * *	A) MP	→	4 W	2 RJ	Ru da	40 40 40	N O →	* * * * * * * * * * * * * * * * * * *
*****	* * * * *	* * * * * * 4.0 N.O. U.N.	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	7	71	* * * * * * * * * * * * * * * * * * *
*****	* * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # 4.0 4.0 4.0	* * * * * * * * * * * * * * * * * * *	7	71	* * * * * * * * * * * * * * * * * * *
*****	* * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	* * * * * * * * * * * * * * * * * * *	7	71	* * * * * * * * * * * * * * * * * * *
*****	* * * * *	MOXTER POND * * * *	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	SCHOOK LK + 69 4 PAPER CORP. +	A # # # # # # # # # # # # # # # # # # #	1 × ± ± 4 × ± ± ± ± ± ± ± ± ± ± ± ± ± ± ±	* * * * * * * * * * * * * * * * * * *
*****	* * * * *	DAM ACKTE POND # 69 US	PIERCE POND 0* 40	* 444 4 444 44 44 44 44 44 44 44 44 44 4	**************************************	SCHOOK LK + 69 4 PAPER CORP. +	A # # # # # # # # # # # # # # # # # # #	XENNERGE DIVERSE DE CONTRACTOR	* * * * * * * * * * * * * * * * * * *
*****	* * * * *	DAM ACKTE POND # 69 US	PIERCE POND 0* 40	* 444 4 444 44 44 44 44 44 44 44 44 44 4	**************************************	SCHOOK LK + 69 4 PAPER CORP. +	A # # # # # # # # # # # # # # # # # # #	XENNERGE DIVERSE DE CONTRACTOR	* * * * * * * * * * * * * * * * * * *
*****	* * * * *	DAM ACKTE POND # 69 US	PIERCE POND 0* 40	* 444 4 444 44 44 44 44 44 44 44 44 44 4	*** * * * * * * * * * * * * * * * * *	SCHOOK LK + 69 4 PAPER CORP. +	A # # # # # # # # # # # # # # # # # # #	XENNERGE DIVERSE DE CONTRACTOR	* * * * * * * * * * * * * * * * * * *
*****	A GRAVE TO THE PROPERTY OF THE	A MOXTE POND DAM A 45 CO. S. CONTROUND A 60	* PIERCE POND * 459 1 4 0 0 MERCE POND OF 70 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* PITTSFIELD * 444 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A SONDY RIVERS CANDVAR A SOND A CONTROCT A CONTROCT A A SOND A CONTROCT A A A A A A A A A A A A A A A A A A A	A GREAT NORTHERN PAPER CORP. A 6-9 A A GREAT NORTHERN PAPER CORP. A 4-9 A A GREAT NORTHERN PAPER CORP. A A GREAT NORTHERN PAPER CORP. A A GREAT NORTHERN PAPER CORP.	A SOMERON KENNERS OF A SEN CONTROLL	N 197 # BOLDER A BOLD	* * * * * * * * * * * * * * * * * * *
*****	A GRAVE TO THE PROPERTY OF THE	A MOXTE POND DAM A 45 CO. S. CONTROUND A 60	* PIERCE POND * 459 1 4 0 0 MERCE POND OF 70 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* PITTSFIELD * 444 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A SONDY RIVERS CANDVAR A SOND A CONTROCT A CONTROCT A A SOND A CONTROCT A A A A A A A A A A A A A A A A A A A	A GREAT NORTHERN PAPER CORP. A 6-9 A A GREAT NORTHERN PAPER CORP. A 4-9 A A GREAT NORTHERN PAPER CORP. A A GREAT NORTHERN PAPER CORP. A A GREAT NORTHERN PAPER CORP.	A SOMERON KENNERS OF A SEN CONTROLL	N 197 # BOLDER A BOLD	* * * * * * * * * * * * * * * * * * *
*****	A GRAVE TO THE PROPERTY OF THE	A MOXTE POND DAM A 45 CO. S. CONTROUND A 60	* PIERCE POND * 459 1 4 0 0 MERCE POND OF 70 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* PITTSFIELD * 444 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A SONDY RIVERS CANDVAR A SOND A CONTROCT A CONTROCT A A SOND A CONTROCT A A A A A A A A A A A A A A A A A A A	A GREAT NORTHERN PAPER CORP. A 6-9 A A GREAT NORTHERN PAPER CORP. A 4-9 A A GREAT NORTHERN PAPER CORP. A A GREAT NORTHERN PAPER CORP. A A GREAT NORTHERN PAPER CORP.	A SOMERON KENNERS OF A SEN CONTROLL	N 197 # BOLDER A BOLD	* * * * * * * * * * * * * * * * * * *
**************************************	A COUNTY AND THE PROPERTY OF T	* * * * * * * * * * * * * * * * * * *	A PIERCE POND A 455 1 1 4 SUMERSET PIERCE POND S+ 70 1 4 5 1	* PITTSFIELD * 444 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A SANDY RIVERS CANDY RIVERS 4 CANDY REPORT CAND A CANDY REPORT A A CANDY REPORTS A CANDY REPOR	SASS & SEBDOMOOK L DM 59 & SOMERSET SEMOOK LK & 69 4 1 & GREAT NORTHERN PAPER CORP. &	A CONTRACT KENNEGEC AT LE 69 IN A CONTRACT KENNEGEC AT LE 69 IN A CONTRACT A	STATE OF THE PROPERTY KENNERS A 1970 OF 1970 O	TECANDUOSIS S TAYLOR S CARRADAGGETT S AC S MEGGACOS S COMMERCET CARRADAGGETT S 70 S MEGGACOS S C C C C C C C C C C C C C C C C C

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,41 PAGE 30 OF TABLE 1

								_	~ *
ZOZZZ ZOZZZ	870	1407		1141	1047	1200	20 20 20 30	1461	W 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
RECONDENSE RECONDENSE RECONDENSE RECONDENSE RESERVED RESE	2001 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1407		1141	1047	1200	50 64 75	1 4 5 1	2093
							-		*
	E 0	1407		1141	1047	1200	1535	1461	2096 **
* * * * * * * * * * * * * * * * * * *		****		****	**** ****	*****	*****	- N	C 60 4
000 60 000 H	**************************************	96.84 7.868	00	12.00 	- 10 - 10 - 10	5.12	44	11 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	51.818
ERG 100	* 0.0 * 0.0	1 K		44 44 10.40		↔ W	9 8 9	24.0	0 #
*INC. ENGRGY*ENDIC. COST * FRC FCONCHICATION ENGRAPHICATION ENGROPMENT OF THE FRC CONFORMATION A (SECTION ENGRESS A (SECTION ENGRES) A (SECTION ENGRESS A (SECTION ENGRESS A (SECTION ENGRES) A (SECTION ENGRES) A (SECTION ENGRESS A (SECTION ENGRES) A (SECTION EN	*	*****	****	****	. * * *	****	****		* * * *
	K 10 10 K 10 10 K 0 0 0	8 M M 4 4 0 M M	77500	91901 9436 01337	321152 321999 343151	M M	00	2000 2000 2000 2000	000000
	k 141.475 k k		, , ,	p. 0	N W				
****	*	* * * * * 1	000		* * * * *	****	0 M M	. * * * * *	
MHH MHH MHH MHH MHH MHH MHH MHH	# 00 # 00 # 44 # 02	44	2000	3000 3198 6198	M 4 4 C 45 45 C O O O	1290	ณีณี	30 S	200000
# # # # # # # # # # # # # # # # # # #	* *								กัก กั
	É K					****		* * * * * *	* * * *
# # # # # #	7.00 7.00 0.00 0.00	0 10 0	000	000	4 4 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 040	0 0 0 0 0 m m	000	000
XX	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 -1 O 10	W 50	2 2 0 0	4 4	m (n	m m	5	0.51
TEN LE	* * * * * * * *	****	* * * * *	* * * * *	* * * * *	****	****	* * * * * *	* * * *
	* * *	N.		•	•				
	* 3	2	7	=	~	7	á	×	0 1
AVE CE	# # # # # # # # # # # # # # # # # # #	0P -649	H 00 00 00 00 00 00 00 00 00 00 00 00 00	10 80 80 81 81	п +4326.7	0 0P •1019	69 . 60	0 0 p 2 2 3 9	O 00000
	** ** * * * * * * * * * * * * * * * *		T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # #	T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	101,	Q.		1 # # # 0 # #
x D ← 4	* I H * * * * * * * *	****	****	. I.O * * * * * • • • •	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 M M M M M M M M M M M M M M M M M M M	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 # # 0 0 0
A	# # # # # # # # # # # # # # # # # # #	######################################	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 0 10 0	44 % W W W W W W W W W W W W W W W W W W	40 N • *4 48 W • * * * *	E E E E E E E E E E E E E E E E E E E	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
#		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 4 4 8 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	* * * * * * * * * * * * * * * * * * *	0.00	44 54 67 4 67 4 67 4 67 4 60 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# 44 87 4 69 187 4 69 187 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8	* * * * * * * * * * * * * * * * * * *	*********	* * * * * * * * * * * * * * * * * * *	0.00	77.0 \$ 4.0 \$
* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	8EC RIVE 69 400.1 1 1 1 CC. 8 69 400.1 1 1 CC. 8 69 400.1 1 1 CC. 8 69 400.1 1 1 CC. 8 8 69 69 69 69 69 69 69 69 69 69 69 69 69	# 44 87 4 69 187 4 69 187 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8	* * * * * * * * * * * * * * * * * * *	*********	* * * * * * * * * * * * * * * * * * *	TO THE STATE OF TH	77.0 \$ 4.0 \$
* * L L A T T T T T T T T T T T T T T T T T	**************************************	* * * * * * * * * * * * * * * * * * *	8EC RIVE 69 400.1 1 1 1 CC. 8 69 400.1 1 1 CC. 8 69 400.1 1 1 CC. 8 69 400.1 1 1 CC. 8 8 69 69 69 69 69 69 69 69 69 69 69 69 69	* 44 37.6 * H ENNESEC RIVER 69 32.1 * 0 WER CO. * 2740 *	* * * * * * * * * * * * * * * * * * *	EBASTICKR & 69 24 & 4 & 6 & 6 & 6 & 6 & 6 & 6 & 6 & 6 &	* * * * * * * * * * * * * * * * * * *	TO THE STATE OF TH	77.0 \$ 4.0 \$
* * * * * * * * * * * * * * * * * * *	**************************************	# 44 47.7 # SEBASTICKR # 69 23.2 # DP ELD # 320 # "	T 4 4 46 66 1 4 1 4 4 4 4 4 4 4 4 4 4 4 4	# 44 37.6 * T KENNESEC RIVER 69 32.1 * D POWER CO. * 2740 *	TYTAN LAKE 1 69 U4.1 1 T T T T T T T T T T T T T T T T T T	SEBASTICKR * 69 24.4 * CO.	PASARAKEAN # 69 - 26.4 # 0 PASAKEAN # 69 - 38.54 # 0 PP	TO A A BOOM A A CONTRACT THE CO	77.0 \$ 4.0 \$
* * * * * * * * * * * * * * * * * * *	**************************************	# 44 47.7 # SEBASTICKR # 69 23.2 # DP ELD # 320 # "	A 44 46.1 A T KENNEBEC RIVER 69 443.1 A D AAINE POWER CO. A 3050 A	# 44 37.6 * T KENNESEC RIVER 69 32.1 * D POWER CO. * 2740 *	TATAN LAKE 4 69 SE, S T T T SAINE POWER CO. T T POWER S T T T T T T T T T T T T T T T T T T	SEBASTICKR * 69 24.4 * CO.	PASARAKEAN # 69 - 26.4 # 0 PASAKEAN # 69 - 38.54 # 0 PP	TO A A BOOM A A CONTRACT THE CO	77.0 \$ 4.0 \$
* * * * * * * * * * * * * * * * * * *	**************************************	# 44 47.7 # SEBASTICKR # 69 23.2 # DP ELD # 320 # "	A 44 46.1 A T KENNEBEC RIVER 69 443.1 A D AAINE POWER CO. A 3050 A	# 44 37.6 * T KENNESEC RIVER 69 32.1 * D POWER CO. * 2740 *	TATAN LAKE 4 69 SE, S T T T SAINE POWER CO. T T POWER S T T T T T T T T T T T T T T T T T T	HYDRO CO. * * 69 24.4 * O HYDRO CO. * * 611 *	AUTO PASAGASAKEAN # 69 USS # OPOTIONNON # 69 USS # OP	TO A A BOOM A A CONTRACT THE CO	77.0 \$ 4.0 \$
* * L L A T T T T T T T T T T T T T T T T T	**************************************	# 44 47.7 # SEBASTICKR # 69 23.2 # DP ELD # 320 # "	A 44 46.1 A T KENNEBEC RIVER 69 443.1 A D AAINE POWER CO. A 3050 A	# 44 37.6 * T KENNESEC RIVER 69 32.1 * D POWER CO. * 2740 *	TATAN LAKE 4 69 SE, S T T T SAINE POWER CO. T T POWER S T T T T T T T T T T T T T T T T T T	HYDRO CO. * * 69 24.4 * O HYDRO CO. * * 611 *	AUTO PASAGASAKEAN # 69 USS # OPOTIONNON # 69 USS # OP	TO A A BOOM A A CONTRACT THE CO	77.0 \$ 4.0 \$
TATUDE TATABLE OF STREET	TANKE OF THE TRANSPORT	* * * * * * * * * * * * * * * * * * *	T 4 4 46 66 1 4 1 4 4 4 4 4 4 4 4 4 4 4 4	* 44 37.6 * H ENNESEC RIVER 69 32.1 * 0 WER CO. * 2740 *	TATAN LAKE + 69 SI4.SI + CP	# BURNHAM HYDRO CO. # 69 24.4 # 0 # BURNHAM HYDRO CO. # 611 # 4 611 #	PASARAKEAN # 69 - 26.4 # 0 PASAKEAN # 69 - 38.54 # 0 PP	THE THE NEW PROPERTY OF THE STANKING A CO. STANKING	77.0 \$ 4.0 \$
TATUDE TATABLE OF STREET	本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	A TOWNOFPITTSFLD A GRASTICKR & 69 23.2 & DP T T TSFLD SEBASTICKR & 69 23.2 & DP T T TSFLELD & 320 & 320 & 4	A LEGATON A LA LOGUE A A LOGUE	A STILLIANS STATION A 44 ST.6 A T A SCHERSET A CENTRAL MAINE POWER CO. A 2740 A	A EVIAN A EVIAN LAKE A 69 UL. S A CENTROSET EVIEN CO. A 69 UL. S A CENTROL ENTRE EVIEN CO. A 6 200 UL. A 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# BURNHAM HYDRO CO. # 69 24.4 # 0 # BURNHAM HYDRO CO. # 611 # 4 611 #	A COHNOON AUTO TAGAGAGAGAKRAN & 69 24 26 4 28 4 29 4 4 20 4 20 4 20 4 20 4 20 4 20 4	TELEVINANKTORT TELEVINANTTORT TELEVINANTTORT	77.0 \$ 4.0 \$
PROPERTY OF THE PROPERTY OF TH	本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	A TOWNOFPITTSFLD A GRASTICKR & 69 23.2 & DP T T TSFLD SEBASTICKR & 69 23.2 & DP T T TSFLELD & 320 & 320 & 4	A LEGATON A LA LOGUE A A LOGUE	A STILLIANS STATION A 44 ST.6 A T A SCHERSET A CENTRAL MAINE POWER CO. A 2740 A	A EVIAN A EVIAN LAKE A 69 UL. S A CENTROSET EVIEN CO. A 69 UL. S A CENTROL ENTRE EVIEN CO. A 6 200 UL. A 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# BURNHAM HYDRO CO. # 69 24.4 # 0 # BURNHAM HYDRO CO. # 611 # 4 611 #	A COHNOON AUTO TAGAGAGAGAKRAN & 69 24 26 4 28 4 29 4 4 20 4 20 4 20 4 20 4 20 4 20 4	TELEVINANKTORT TELEVINANTTORT TELEVINANTTORT	77.0 \$ 4.0 \$
* * L L A T T T T T T T T T T T T T T T T T	TANKE OF THE TRANSPORT	DSGREE A TOWNOFPITTSFLD A 64 47.7 A 462 A 50MERSET SEBASTICKR A 69 23.2 A DP RC I A TOWN OF PITTSFIELD A 320 A A	T 4 4 46.1 4 T 4 T 4 T 4 T 4 T 4 T 4 T 4 T 4 T 4	116 # MILLIAMS STATION # 44 57.6 # H 17 # SCHERSET KENNESEC RIVER 69 52.1 # 0 # CENTRAL MAINE POWER CO. # 2740 #	A ACHAN A GOMERSET EYEN LAKE & 69 ULL-US & OP A CENTRAL MAINE POWER CO	S # BURNHAM HYDRO SEBASTICKR # 69 27 # 4 0 11 # 1	TOHNOON AUTO PASAGASAKEAN & 69 U.S.S. & OP KALDO PASAGASAKEAN & 69 U.S.S. & OP COSTPH COHNSON & 69 & 40 & 40 & 40 & 40 & 40 & 40 & 40 & 4	BSO4 # TAIN FRANKFORT NORTH BRANCH # 66 US.8 # CO # MALDO NORTH BRANCH # 66 US.8 # OP # LUKNOWN # 1 100 # #	78 * COBSCOOK BAY TIDAL POWER PRO* 44 54.0 * 59 * WASHINGTON COBSCOOK BAY * 67 3.0 * I * DAEN NED

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13.00.41 PAGE 31 OF TABLE 1

	* U U Z S		0	****	# # # # # # # # # # # # # # # # # # #	***** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** **	A A A A A A A A A A A A A A A A A A A	# (INC. EN	£ 8 5	TOUR PERSON A MARCH TO THE PERSON PROPERTY A CHECK TO THE PERSON A MARCH TO THE PERSON TO THE PERSON TO THE PERSON THE PE	A POOL AND
A A A A A A A A A A A A A A A A A A A	*************************************	****	**************************************	****	* * * * * * * * * * * * * * * * * * *	* 0 0 0 * 0 0		* * * * * * * * * * * * * * * * * * *	**************************************		######################################
E MACHIAG DAM Kabilington Toen of Rast	E MACHIAS	4 * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	00 ** 00 **	4 to 000		* * * * * * * * * * * * * * * * * * *	60 00 00 00 00 00 00 00 00 00 00 00 00 0	1440	444044
HOLMES WALLS	MACHIAS RIVE	m cr * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * *	T	850000 350000 7200	900		7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2014	0.00.00.00.00.00.00.00.00.00.00.00.00.0
KELIYLAND Washington Georgia Pactfic	GRAND FALLS	4 4 4 4 4	7 28.8 1320	****	######################################	4 4 0 0	0096	4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00		****
MACHIAS R LD 1 WASHINSTON ATLANTIC SALMON	TACHIAGR	****	4 V 4 V 0 V A 4 V	****	00 00 40 40 40 40 40 40 40 40 40 40 40 4	000		24 0 m m 24 0 m m	01 N 01 O 01 N 01 N 02 N 02 N 03 N 03 N 04 N 05 N 05 N 05 N 05 N 05 N 05 N 05 N 05	1243	* * * * * *
MACHIAS TO PERSHINGTON ATLANTIC SALMON	A PONTE A SOUND SO	****	4 t 0 0 0 0 0 0 0 0 0 0	****	* * * * # # # # # # # # # # # # # # # #	000	0 4 40 90 80 90 80 11 41	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	229.24 30.691	1246	. * * * *
MACHIAS R D 4 WASHINGTON ATLANTIC SALM	R D & MACHIAS R DALHON COTM.	7.0	4 41.5 7 28.9 450	****	* * * * * M M M M S E C C	0 0 0 0	C Sp	2000 2000 2000 2000 2000 2000 2000 200	© RU - CP - CP - CP - CP - CP - CP - CP - CP	1208	# # # # 60 60 61
MACHIAS DV. DV MASHINGTON UNKNOWN	DAY W MACHTAG RIVER	****	4 42.1 7 30.0 450	****	* * * M M M M M M M M M M M M M M M M M		T T T T T T T T T T T T T T T T T T T	* * * * * * O M M © © © ©	1.59 84.60 0.00	1516	1316 **
MILLTOWN MASHINGTON NEW BRUNSMICK	MILLTOWN WASHINGTON ST. CROIX RIV.	4.0	5 10.8 7 17.8 1790	* * * *	T	N 4	* * 9 M OM OM		00		****

DATE 14 JUL 81 NATIONAL HYDRÜELECTRIC POWER STUDY TIME 13,000,42 PAGE 32 OF TABLE 1

THE STATE OF THE S	061	20 20 20 40 40 40 40 40 40 40 40 40 40 40 40 40		400 1400 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # M O O M	*****	1126	0801	# MOTO MOTO
**************************************	10062	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1353	1405	1003	****	1106	1080	2106 2106 2106 210
**************************************		64° 866° 866° 866° 866° 866° 866° 866° 8	21.03 25.03 20.03 20.03 20.03	154,24	1.2927	é e	() +1 () to + () + () + () + () + () + () + () + ()	106. 4.51	220.5366 # 2106. 1851.13 # 210.04 1851.13 # 210.04 010.04
A CAEL A CAER A	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	**************************************	44 666 044 84444	00000000000000000000000000000000000000	**************************************	19186	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2	M
######################################	0 kg	* * * * * * * * * * * * * * * * * * *	C C C C C C C C C C C C C C C C C C C	22 22 22 22 22 22 22 22 22 22 22 22 22	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4	7 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	74.66 # 0.00 @ # 4.40 @ #
**************************************	14.0 M	* * * * * * * O O O M M M	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* # # # # # # # # # # # # # # # # # # #	0 0	# # O . 9 M # # O . 9 M # # O . 10 M # O . 10 M # O . 10 M # I . 10 M # O . 10 M # I . 1
# # # # # # # # # # # # # # # # # # #	-1.28.7		44 44°024	00 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *	II	X CO	T	T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* - 0 - 0 - 0 - 1 - 0 - 0 - 0 - 0 - 0 - 0	F 4 40	64 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	N P 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	64 84 84 84 84 84 84 84 84 84 84 84 84 84	84.0 9.48.0 0.84.0	W 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	200 W W W W W W W W W W W W W W W W W W	2
**************************************	THE REPORT OF THE PROPERTY OF	DRANGE RV. DAM 2 WASHINGTON ORANGE RIVER & UNKNOWN	A VANCEBORD DAM WASHINGTON OT CROIX R A GREDRGIAN PACIFIC CORP.	* WEST STAND LAKE DUTLET ** ***SHINGTON BIG LAKE LOWER* ** UNKNOWN	A WOUDLAND ST. CROIX RIVER GROAGIA PACIFIC CORP	* BAR MILLS * YORK * CENTRAL MAINE POWER CO.	# BONNY EAGLE SACO RIVER # YORK CENTRAL MAINE POWER CD.	* CATARACT STATION * YORK * YORK * CENTRAL MAINE POWER CO.	* ESTES LAKE DAM FORK * YORK * YORK * PLAMPENCE KEDDY
**************************************	4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	MENTONS OF THE MENTON	MEANEUS 4 A ME 19 US A	MECNEDASO7	MEGNED 80 31 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEGNEDROSE TEGNEDROSE TEGNEDROSE TEGNESIA	## ## ### ############################	* MEGNEDRORG * MEGNEDRORG * MEGNEDRO	* MEINEDBO64 * ME63605 * 2 DRC

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13.00.42 PAGE 33 OF TABLE 1

а ш 2 С	- - -	TOWN CONTRACTOR OF THE PROPERTY OF THE PROPERT		S 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	AVE. G *HX. 010R. * AVE. G *PHR. HO. * (PT) * (CF9) * (FT) *	8 8 40 8 8 40 8 8 40 8 8 40 8 8 40 8 8 40 8 8 40 8 40 8 40 8 40 8 40 8 40 8 40 8 40 8 40 8 40 8 40 8 40 8	144 144 144 144 144 144 144 144 144 144	(20 :## :####	# (25 65	SINDLE STREET ST	ECONOMIC RC NONECONOMI ERC COMPOSITI BUENCE RANK) EQUENCE RANK)
**************************************	A Y A Y A Y A Y A Y A Y A Y A Y A Y A Y	*2 V *W O *4 W	تحصر سونت	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	1 N O S O S O S O S O S O S O S O S O S O	**************************************	* * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	*
LTLEOSPEFL Power co.	* * * * * 	N C N N	6 44 14 4 15 4 6 15 4 6	20	**************************************	81 M 0-3 0-10	771	*****	44 00 00 00 00 00 4 * * * * * *	141 34,430	*****	1279
D LEIGHS M	MILL P.	70 4	N Q. Q. 14	٠٥.	1.00 0.00 4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	000	27 - 27 - 27 - 27 - 27 - 27 - 27 - 27 -	****		ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ	0 0 m	1399
FALLS	* * * * * C 0. 0.	24 V V V V V V V V V V V V V V V V V V V	MM O	IO	*****	M 4	1000	****	***** ****** ***********************	00		
EM EM EM EM EM EM EM EM EM EM EM EM EM E	* * * * * * * * * * * * * * * * * * *	4 to	E O O	0.5		000	C 25 15 15 15 15 15 15 15 15 15 15 15 15 15	****	M W C & & & &	65 66 66 80 80	****	1517
~	* * * * * * * * * * * * * * * * * * *	W 0	0 0 ⊶ *•0 *••0	00	# # # # # # 60 	8 8 000	6 W W	****	* * * * * ·	125 59 34 24 24 25	****	1465
F	k # # # # (4)	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N 00 01 0 0 01 0 0 0 01	m 60	W 00 00 00 00 00 00 00 00 00 00 00 00 00	N 4 0 0 0	O 82 80 00 00 00 00 00 00 00 00 00 00 00 00	K-# # # # -	24 004 044 444	176.40 43.331	* * * * *	1346
>	# # # # # # # # # # # # # # # # # # #	20 W	30°0 26°9 1700	TO S	* * * * * * * * * * * * * * * * * * *		6 4 4 6 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		* * * * * O	45.246 4.8203	****	1041
RIVE CO.	* * * * E	W 0 W	# # # # # # # # # # # # # # # # # # #	TO.	# # # # 60 80 80 81	76.0	16800 9875 86475	* * * *	104000 * * 124811 * *	1237.4 59.458	***	418

***	****
A LATITUDE APPARATE APARATE AP	THE OPICE A COUNTY A
* 00724	# 60 # # 10 # # 10 #
* HOZE W	10
* Z D U Z W D Z	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
*0 8 4 3 6	
***	***
AKKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKA	**************************************
* > 0 %	* * * * * * * * * * * * * * * * * * *
######################################	* - *
* 2 2 2	
* 2 9 9	
# • S S I I I	* 0 10 10 14 15 15 15 15 15 15 15 15 15 15 15 15 15
# - M M M M M M M M M M M M M M M M M M	* * * *
* X Z C	
***	**************************************
*440	* 0 0 0 * * 0 50 2 * * 0 0 0 0 * * 0 0 0 0 *
# # U U U U U U U U U U U U U U U U U U	
##UF	
* M H F	
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 10 10 #
A T O . L U L	
A CACA A	* * * * *
VE. C. STREET OF	* 10 *
* 3. H	* 0.*
# C 60	# C #

* W D 4 C C C	THE STATE OF THE S
# # # # # # # # # # # # # # # # # # #	**************************************
* - 0 · 0 0	mo #
* 100000	****
	* *
* 6	**************************************
* 60	# HO #
* # #	* 02 *
* Z E C	* 60 *
* Z Z Z * U * Z Z Z Z Z Z Z Z Z Z Z Z Z	# W#
* W C	*
* C C	** **
* 4	* 2 *
# PM # DE	# M C M #
* 0.	****
# 000 M	* *
# # # # # # # # # # # # # # # # # # #	* 600 1
******* 12 1D 14 1D 16 CD 17 C	* NU * * NU * * NU * NU * NU * NU * NU
S ALLE S S S S S S S S S S S S S S S S S S	CREATER TREATER TREATE
SERVICE OF THE SERVICE SERVICES SERVICE	* * * * *

ě

SCALE D R V R L O P M R N T SMALL N A N Y L A N ADDITIONAL > N N STATE Ω. C CAPACITY ia. POTENTIAL HYDROELECTRIC PHYSICAL

is.

T.

z H

***************************************	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	POTENTIAL PROPERTIES	POTENTIAL PROPERTIES	* *	* *	* *	ž ž	INCREMENTAL	L CAPACITY	*	2	*****	***	***	******	* * * * * * *
		NE S	in 3	***		1 3 5 9	0		·	Œ		* * *	•	E E	3. 3.	***
* H Z U 1	* * * * * * * * * * * * * * * * * * *	WARRARRARRARRARRARRARRARRARRARRARRARRARR	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	* O O 4 1	M D C S S S S S S S S S S S S S S S S S S	# HO	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 3 D D S S S S S S S S S S S S S S S S S	* 1220.	**** * L L L L L L L L L L L L L L L L L L L		# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #
,-,-, 1	* * * * * * * * * * * * * * * * * * *	K 02 6 K 02 6 K 60 6 K 8 8 8 8 8		K			* * * * * * * * * * * * * * * * * * *		K -			* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
				¥ - 1			* •0 +			* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *
		K W K K K K K K K K K W W W W W W W W W		k -					0					# # # • • • • • • • • • • • • • • • • •		± 400 ±
	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		K K K K K K K K K K K K K K K K K K K		K +1- +			* * * * * 0 0		* *0			* * * * * * * * * * * * * * * * * * *	* • •	* * * * * * * * * * * * * * * * * * *
* ************************************	K -	K		x -	K *0 *0 K * 0 K *	* ** * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	3 * 0 * 0				* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		
-0%	K 11 11 H	STATED ST	INSTALLED CAPACITY A INCREMENTAL CAPACITY A POTENTIAL CAPACITY A	·	EXTOTING DAM UNDEVELOPED	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	k ຜ k k bi	K	F	K 999 K 0-H K 0-H K 0-H K 0-H K 0-H K 0-H K 0-H	K	CAPACITY COUNTY SERVING COUNTY SERVI		**************************************	**************************************	*** * * * * * *

PHYSICAL POTENTIAL FUR ADDITIONAL

DEVELOPMENT >-05 ய 2 ted N Q CAPACITY HYDROELECTRIC

N THE STATE OF MARYLAND

* * * * * * * * * * * * * * * * * * *	- 1	# 0.0 # 0.0 # 0.0		* * * * * * * * * * * * * * * * * * *		* MOO	4 (N CA C C)
****	-	*	* * * * * * * * * * * * * * * * * * *	* *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*
* * *	* * * * * * * * * * * * * * * * * * *	* NO O	* 000	* " " " " " " " " " " " " " " " " " " "	* * * * * * * * * * * * * * * * * * *	* 000 * 000 * 000 * 000 * 000	4r talki
* * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #					* * * * * * * * * * * * * * * * * * *	A A B A A A A A A A A A A A A A A A A A
* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	X				# 000 # # 00 # 00 #	K A T
* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *			K * * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	POTENTIE
* *	#K1611	90	00	171	00	1 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TOTAL TOTAL
* * * *	* H	* 00 t				K 000 1 K 00 1 K	K 0 30 10 10 10 10 10 10 10 10 10 10 10 10 10
# M # M # X	* * * * * * * * * * * * * * * * * * *				* * * * * * * * * * * * * * * * * * *		* 9 00 0 8 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *					* COC :	# J 55 E 4 C 6 5
# # #		* 00	00			2	K MINOHAM
**************************************	A*************************************	K 042 K 05 K 05 K MMP 6 K K K K K K K K K K K K K K K K K K K	k 60 (k Mor	WER DEVEL
* 32 * 5							HYDROPOWE AND ALPOTENTI
* 20	* W A: +	* 0.0 * 0.0 * 0.0 * 0.0		X	K + + 100	* * * * * * * * * * * * * * * * * * *	REXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
* * * *	**************************************	K * * * * * * * * * * * * * * * * * * *				* * * * * * * * * * * * * * * * * * *	K H H H K - A:
. ⊐ ヿ ⋖ ► o ► ⋖ ヿ o	+2 ; +>u ;	2 (1) ks 1	E DAZ	CAN THE CAN TH	**************************************	* * * * * * * * * * * * * * * * * * *	NWD TOO
	1	6	6 4	* * * * * * * * * * * * * * * * * * *	00	OTAL	E E K K K

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,37 PABLE 1

######################################	在我们的有效在我们的有效的有效的有效。		1014 1015			1001			C
**	* * * * * * * * * * * * * * * * * * *	N	20 00 00 00 00 00 00 00 00 00 00 00 00 0	00	44. 44. 60. 60.	818 818 996 96	00	80 44 80 80 80 44 80	M M M M M M M M M M M M M M M M M M M
######################################	TO SEE SEE SEE SEE SEE SEE SEE SEE SEE SE	NN 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1719000 * 1719000 *	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # OF # OF # # OF # OF # # OF # OF # # OF # # # #	# 00 7 KB
# # # # # # # # # # # # # # # # # # #			17000 17000 17000 14400	474480 474480	# # # # # © ± ± 0 ± ± 0 ± ± 0 ± ± 0 ± ±	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	19800	114499	# # # # # # # # # # # # # # # # # # #
* * * * * * * *		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	103000 103000 103000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.0004 0.0000 0.0000	75.000 Mg	* * * * * * * * * * * * * * * * * * *

を C		S S S S S S S S S S S S S S S S S S S	* * * * * 0 0 0	# # # # # # # # # # # # # # # # # # #	80 80 80 80 80 80 80 80 80 80 80 80 80 8	4 40° M	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	C80 PP 100 100 100 100 100 100 100 100 100 100
# # # # # # # # # # # # # # # # # # #		303.0	0.08	0.000	S C M	7°0	:	ช ผ ผ ผ ທ	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #		DAM # 39 26.0 % SR GUNPOWDER RIVA 76 M2.0 % DP GOW.O	DAM GUNPOWDER RIVE TO 42.9 4 DP	# 39 40.0 # HR SUSGUEHANNA # 76 10.1 # DP HIA ELECTRIC # 27089 # 38000.0	# 39 51.9 # 708 # 77 15.0 # 108 # 308 # WSO	* 39 24.0 * CSOR N BR PGTOMAC * 78 52.5 * LIC * 287 * 437.0	0 ELEC DAM * 39 30 5 8 HCRS DEEP CREEK * 79 23 5 8 18 CO. * * * * * * * * * * * * * * * * * * *	* 39 34.5 * T * CHGHENY * 79 25.9 * IS * S42.9 * IS * S42.9 * IS * S42.9	
ASKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAK	ARREST AR	LOCH RAVEN DAM # 39 26.0 * SR BALTIMORE GUNPONDER RIV* 76 32.0 * DP BALT CITY * 303 * 303.0	4 39 37.55 4 3R 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	A M9 40.0 A ITA A 76 10.1 B DP A 27089 A 38000.0	# W9 51.9 # #08 # #0 10.0 # #08 # #00 # # W50 # # W50 # # W50	# 39 24.0 # CSOR BR PGTOMAC # 78 52.5 # 110 # 287 # 437.0	ELEC DAM * 39 30.5 * HCRS FP CREEK * 79 23.5 * 18 5. * 4 671.	* * * * * * * * * * * * * * * * * * *	* MO

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.37 PAGE 76 OF TABLE 1

	を	****	****	2016 2016 2016 2016 2016	****	****	****	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
RYERS COST (1000 S)		0.00 0.00 0.00 0.00	10 00 00 00 00 00 00 00 00 00 00 00 00 0	& 80 80 80 80 80 80 80 80 80 80 80 80 80 8	187.18		N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	60 C. 60 C. 60 C. 60 E. 60 E.	80 44 60 6
******* ***** ***** ***** ***** *****			379906	****		* * * * *	00100 00100 00000 00000 00000	* * * * * * * * * * * * * * * * * * * *	70000
# 4 4 4 6 # 4 4 6 # 6 6 6		2 ec es	128006	0 0 0 2 mm	7 W 4 7 4 4 7 4 4 7 4 4 7 4 4 7 4 7 4 7		0.00 th	24 40 00 00 00 00 00 00 00 00 00 00 00 00	- 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
*****		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6 6 0 14 0 0 4	00 - 00 - 00 - 00 - 00 - 00 - 00 - 00 -	1193000 1193000 1193000 1193000	**** **** **** **** **** **** *** ***	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M
* * * * * * * * * * * * * * * * * * *		T	10 11 11 14 10 10 10 10 10 10 10 10 10 10 10 10 10	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TO T	68.00 P.00 P.00 P.00 P.00 P.00 P.00 P.00	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	TO 00 00 00 00 00 00 00 00 00 00 00 00 00
A A A A A A A A A A A A A A A A A A A	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	38 58.0 ** 77 15.0 ** 11460 **	77 0 11.6	39 1.9 x 77 20.9 x 11400	# # # # # # # # # # # # # # # # # # #	44 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	40 W44.9	M
* * * * * * * * * * * * * * * * * * *		ENY R UPPER YOUGHIOA	POTOMAC	PATUXENT BIVE	POTOMAC	UXENT RIVE	POTOMAC	POTOMAC	S TOTOMAC TERTOR
**************************************	SWARRY NATURAL NATURAL SWARR NATURAL CONTROL C	UPPER YOUGHIOGHENY GARRETT UPP	BEAR ISLAND MONTGOMERY P	BRIGHTON DAM MONTGOMERY MASH SUB BANT CO	SENECA HONTGOMERY P	ROCKY GORGE DAM PRINCE GEORG PAT NASH.SUB.SANT.COMM	HARDERS FERRY WASHINGTON POTOMAC EDISON	DRLEANS WASHINGTON P	* MDGNAB9999 * POTTOMAC DAM NO S * EAGHINGTON POTTOMAC * DFC II U. DEPT OF INTERIOR
* * * * * * * * * * * * * * * * * * *	****	* MD6DRPOOOL * MDUOOLS * S DRC I *	* MD6NABD014 * * MDU0002 * * 5 DRC I *	* MDCNABOO16 * MDCNABOO16 * MD000005 * MD0000005 * MD00000005 * MD000000005 * MD00000005 * MD000000005 * MD000000005 * MD000000005 * MD000000005 * MD000000005 * MD000000005 * MD0000000005 * MD0000000005 * MD00000000005 * MD0000000000000005 * MD00000000000000000000000000000000000	* MD6NABOO153 * MDUOO053 * S DRC I *	* MDCNABOO18 * MD00020 * * S DFC I *	* MDGNABOO23 * MD00137 * * S DFC I *	* MD4NABOD19 * MD4NABOD19 * MDUOD04 * * 5 DRC I * *	THE CONTRACTOR A THE CO

DATE 15 FEB B1 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.37 PABLE !

TO GONDAICS TO GONDAICS GONDAI	张秋秋花 安 · · · · · · · · · · · · · · · · · ·	***	V) O O O	
**************************************		15672 * 100 sus * * * * * * * * * * * * * * * * * *	0000 0000 0000 0000 0000 0000 0000 0000 0000	00069 1597.4 x
* 4 W * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 *	4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	155667 # 4 155667 # 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7177 24600 # 31777 #	* * * * * * * * * * * * * * * * * * *
TATA TO THE TOTAL TO THE TATA		6 110 10 10 10 10 10 10 10 10 10 10 10 10	44 10 00 00 00 00 00 00 00 00 00 00 00 00	# # # # # # # # # # # # # # # # # # #
****		N 000000000000000000000000000000000000	01.44 00.4 00.0 00.0 00.0	127 88000 101 101
A PARA PARA PARA PARA PARA PARA PARA PA	# CO CO CO	69 4 4 4 0 0 0 0 0 4 4 4 4 4 4 4 4 4 4 4 4	0005 0005 0005 0005 0005	ROS * 138 118 0 4
######################################		25 95 7 95 95 95 95 95 95 95 95 95 95 95 95 95	44 M 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	39 60.0 78 9.9 11.0 11.0 11.0 11.0 11.0 11.0 11.0 1
SERVERS SERVER	MDENANCE AND TOWARD DAM & REDEVELOPMENT & WULDOO! & WASHINGTON POTOMAC & S. DRC E & WASHINGTON	* POTOHAC DAM NO. S REDEVELOP* * WASHINGTON POTOMAC *	* POTOMAC RIVER DAM 4 * * WASHINGTON POTOMAC RIVER* U.S. DEPT OF INTERIOR * *	* MD6NABOO21 * TDMOLOWAY CREEK * MDUODOO * WASHINGTON TONOLOWAY CRE* * 5 0 07C 1 *
# # # # # # # # # # # # # # # # # # #	# MD6/NA9996 # # S	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* MD6NABOO21 * MDUO009 * A S DRC I *



SCALE DEVELOPMENT SMALL > 5 10 21 10 10 ADDITIONAL N A BUNTIAL FOR CAPACITY HYDROELECTRIC PHYSICAL

_
80
-
-
~
لها
•
_
I
U
⋖
•
9.764
40
~
I
ŭ.
_
·
تعا

⋖
-
60)
w
I
-
Z

Ibi∢í	* * * E 3 ·				;		F0 4	4	REMENTA	CAPAC	Z 4	6E8	•	•	1	9	****
H 2	* # # # 4 Z O (k # #	* 3 * X * III		k k		1 3 2 1 1	x Σ 2			: 3 : 3 : 2 : C	3 E			. 3 . Σ . Σ	N.	
		* * * * * * * * * * * * * * * * * * *	**************************************		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * # & & * # # # # # # # # # # # # # # # # #	* O F O .	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* X H = 1	* * * * * * * * * * * * * * * * * * *	* Q F O 1 * Z D M 1 * D B M 1	1014 1014 1008 1008 1008 1008 1008 1008	***	* * C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	* L Z Q
# 0 # orl # 1 # 0 #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	*	* •0				0		0		* * * * * * * * * * * * * * * * * * *	2 N 2 O 2 O	0 0	* *
* O O O O O O O O O O O O O O O O O O O	**************************************	* * * * * * * * * * * * * * * * * * *	#	# * * * * * # 0	* *	K 00 (U) K 00 (U) K 00 (U) K 00 (U)				0 0		* * * * * C C		k +		* * * * * ° ° °	
* 0 d d d d d d d d d d d d d d d d d d	* * * * * * * * * * * * * * * * * * *	* 0.4 * 0.4 * 0.0 * 4.0	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	# MIN		* * * * * * * * * * * * * * * * * * *					* * * * * * * * * * * * * * *		k :	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	
*	* * * * * * * * * * * * * * * * * * *	* 4 * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	\$ *			* * * * * C		0 0 M		0 0			* *		. • 191
# # # # # # # # # # # # # # # # # # #	* * * * * * * * C > >	* 00° * 4 00° * 4 00° * 4 00° * 6 00°	* # # # # # # * # # # # # # # # # # # # # # # # # # #		ž T	* ******				10 0 M		0	* * * * * * * * * * * * * * * * * * *	x 00 -	N M M M M M M M M M M M M M M M M M M M	* * * * *	
· 收 收 付 付 在	###### NEU 100	# # # # # # # # # # # # # # # # # # #	NO THE PART OF THE	* C C C C C C C C C C C C C C C C C C C	* <	EX POPULA NEW			x	UM OF C	NAME NAME NAME NAME NAME NAME NAME NAME	TIAL PFOR OR GI	CHAP TENDE	CSUM TO RAN	COL	UMNS 2 AND GAWATT)	3

The second of th

-

DEVELOPMENT FUR ADDITIONAL CAPACITY AND ENERGY POTENTIAL PHYSICAL HYDROELECTRIC

90年1年1899日末0149994年 压力 电上点压力 图书区 人

在 在 我 在 我 在 我 在 我 在 我 在 我 在 我 在 我 在 我 在	· 保安市位表现常在市场的公司 V L L L L L L L L L	A WASHASARAKARAKARAKARAKARAKARAKARAKARAKARAKAR	######################################	在	######################################	**************************************	**************************************	INVEXTERNATIONS 2 AND 33 NATE (MEGAWATT)
· 在	≰ ,	AND		4		数	CU	2
		**************************************	* * * * * * * * * * * * * * * * * * *			* * * * * * * * * * * * * * * * * * *	**************************************	POTENTIAL AT AL CAPACITIES FOR 6
TAL CAPACITY		**************************************				* * * * * * * * * * * * * * * * * * *	1	B TOTAL SUM OF C
AL INCREMENTAL	3 2 10	DONE TO A STANDARD OF THE STANDARD STAN				* * * * * * * * * * * * * * * * * * *	00 ******* ******* ********	HH A COLUMN COLU
POTENTIAL	3		****** ******* ********	X		* * * * * * * * * * * * * * * * * * *		E U S E E C S E E C E E E E E E E E E E E E
**************************************	* * *	1	******* *******	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	7	DEVELOPMENT AT EXISTIN
		F - Z () 4	k	CO	12.000	* * * * *	M M	- ⊸1≪
6 9 9 9 9		E	23 PU 6 - 40 40 4 4 44 44 44 44	40:	0 th C 0 th C 1 th	M H H H H H Br (CD) Pr G (G - or pr	**************************************	DESTINCT TO SECOND THE
* * * * *		3 # # 	M 40	E FF 1		20 20 4444		
	* * * * *	HZ HZ	E CO OC 1	20 m	20 H		. ZOW 4	N N N N N N N N N N N N N N N N N N N
IW <c< td=""><td>HZ</td><td>4 4 4</td><td>0</td><td>0 4</td><td></td><td>0</td><td></td><td></td></c<>	HZ	4 4 4	0	0 4		0		

DATE 14 JUL 81 NATIONAL HYDROELECYRIC POWER STUDY TIME 13.00.35

#	1427 ************************************	1490 1490 1490 1490 **	****	4 3001 4 3001 4 3001	* * * *	1457 1457 P	* * * * *	1307 1307 1307 #	1460 # 1460 # #
***	**************************************	41. 46. 76. 76. 76. 76. 76. 76. 76.	***** co	17 17 17 17 17 17 17 17 17 17 17 17 17 1	* * * * *	144 644 644 8464 844	* * * * * C C	60 00 00 00 00 00 00 00 00 00 00 00 00 0	80 40 80 40 80 40 80 40 80 40
TAIN OF THE PARTY AND THE PART	** * * * * * * * * * * * * * * * * * *	111111111111111111111111111111111111111	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * *	N. N	106401	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100 A A A A A A A A A A A A A A A A A A
* 62.02. *	**************************************	0 60 60 0 40 0 40	10000	7 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4	o in in	M M 00 00 00 00 00 00 00 00 00 00 00 00	O -0 -0 M M 60 -00	C P P 9 P N N
TX A TX C			11.9.00.0	M W W W W W W W W W W W W W W W W W W W	N 00 60 00 00 00 00 00 00 00 00 00 00 00	****	* * * * * O O 40 IJB		47.0°72
* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	00 96* 846*	10.00 00 00 00 00 00 00 00 00 00 00 00 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 6	0.00 mg/s	T 0	8 00 9 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0.0 4 4 4 0 0 1 10 10 10 10 10 10 10 10 10 10 10
* * * * * * * * *	*		* * * * *				****	****	****
1		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 000 000 000 000 000 000 000 000 00	42 16.1 73 11.9 9 8	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	40 14. 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 1 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A A A A A A A A A A A A A A A A A A A	STATEMENT OF THE PROPERTY OF T	4. (1 N) * • N)	N N		73 11.	4 E	() 4 W (0 * * W)	3.2 2.4 2.4 3.6 3.6	

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,000,36 PAGE 8 OF TABLE 1

ERC BONOMA ERC NONECON ERC NONECON ERC COMPO (SEGUENCE RAN (SEGUENCE RAN (SEGUENCE RAN (SEGUENCE RAN (SEGUENCE RAN		1308 1308 1308	1400	1076	1177
* 9 C C C		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	## 0 0 0	N & 01 * 40 *** 00 & 44	
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA			11 12 14 14 14 14 14 14 14 14 14 14 14 14 14	W W W # W # W # W # W # W # W # W # W #	
# * * * * * * * * * * * * * * * * * * *		6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11 12 0 12 0 12 0 12 0 12 0 12 0 12 0 1	4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	######################################
*****			0 0 0 0 m	***********	
* T T T T T T T T T T T T T T T T T T T	4 00 00 00 00 00 00 00 00 00 00 00 00 00	90 00 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	TO TO		10 T CD 41 C
A D C C C C C C C C C C C C C C C C C C	2 t 3		40 00 00 00 00 00 00 00 00 00 00 00 00 0	00 00 00 00 00 00 00 00 00 00 00 00 00 00	000 000 000 000 000 000 000 000 000 00
**************************************	CALCANAL CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CANAL	# FRANKLIN DEERFIELD RIVE # NEW ENGLAND POWER CO. * * * * * * * * * * * * * * * * * * *	A FRANKLIN SOUTH RIVER A PRANKLIN SOUTH RIVER A A MASSACHUSETTS DEPARTMENT OF A DEEPFIELD FIVE A FRANKLIN DEERFIELD RIVER NEW ENGLAND POWER CO.	POEESPIELD THREE POREBAY FRANKLIN DEERFIELD RIVA NEW ENGLAND PORER CO. FRANKLIN DEERFIELD RIVA FRANKLIN DEERFIELD RIVA FRANKLIN DEERFIELD RIVA	* AGNEDGO22 * DEEPTIELD FOUR STANKLIN DEERFIELD RIVE N AGNEDGO16 * GARDINER FALLS * AAANGESS CO. * * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *		MASIBIO DEC DEC MADNEDOSO MADNEDOSO MADNEDOSO MADNEDOSO MADNEDOSO MADNEDOSO MADNEDOSO MADNEDOSO MADNEDOSO MADNEDOSO MADNEDOSO MADNEDOSO MADNEDOSO MADNEDOSO MADNEDOSO MADNEDOSO MADNEDOS MADNEDO	MACNEDSS60 MACNEDSS60	TABLES OF THE TABLES OF TABL	A MAGNED BOOR B MAGNED

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,36 PAGE 9 OF TABLE 1

* 00044		* * * * * * * * * * * * * * * * * * *		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	1267
######################################		e 00	*	MM (MH) MM	25.0 2.0 2.0 2.0 2.0 2.0 3.0 3.0 4.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	© Ni 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0°
* C C C C			110000000000000000000000000000000000000			
*		4 4 8 84 0.00 0 0	100000	MO 041		N 3000
E TOTOLO	E 0 0 E 0 0 E 0 0 E E E E E E E E E E E	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	
**************************************		# # # # # # # # # # # # # # # # # # #	6. 20. 3. 3. 4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.		0	
# # # # # # # # # # # # # # # # # # #	.	. 4r	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	TOPPED TATES TO THE TATES TO TH		CLO MT. PUMPED STORAGE NOTHFIELD BR	* TURNER FALLS CONNECTION RANKER * TURNER FALLS CANNECTION RANKER * TURNER FALLS CANNECTION RANKER	CHICOPEE WALLS THAT OF CHICOPEE CHY OF CHICOPEE CONSIGNOUNTAIN RESERVOIR CONSIGNOUNTAIN RESERVOIR CONSIGNOUNTAIN RESERVOIR CONSIGNOUNTAIN RESERVOIR	
**************************************	AN MAN WAR AN WA	A T T T T T T T T T T T T T T T T T T T		T C C C C C C C C C C C C C C C C C C C		THE DOGO THE DOGO THE

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00.36 PAGE 10 OF TABLE 1

X	* * * * * *	* * * * *	****	***	****	***	****	***	****
* HH (X * DODLE X * DODLE X * DODLE X * DODLE X * DODLE X * DODLE X * DODLE X	* * * *	1033	1046	1063		1014	191	1018	0 1
00000000000000000000000000000000000000	* * * * * * * * * * * * * * * * * * * *	1033	1046	1063		1014	1397	1018	1092
* OH OHO	* * ~ * W	M M O	1046	1063		1014	1397	8101	2001
	* * * * * * * *	* * * * *	****	****	****	****	****	* * * * *	* * * * *
* 0 0 8 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	58 549 4 3004	00 00 00 00 00 00 00 00 00 00 00 00 00	44.978 6.9787	¢ ¢	18 18 18 18 18 18	1111 2 6 2 6 2 6 2 8 2 8 2 8 2 8	16.690 3.2661	90° 40° 40° 40° 40° 40° 40° 40° 40° 40° 4
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	14297 * * 0 0 * * 4 4 4 4 4 4 4 4 4 4 4 4 4 4	F III =================================	* * * * *	4800 4800 4800 4800 4800 4800 4800 4800	10000 E W W W W W W W W W W W W W W W W W
#	表 女 女 女 女 女 女 女 女 女 女 女 女 女 女 女 女 女 女 女		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	## ## ## #############################	* * * * * 0 0 0 0 0 0 0 0 0	01 M 00000 00000	# # # # # # # # # # # # # # # # # # #	# # # # # O O O O	4 4 000mm
* * * * * * * * * * * * * * * * * * *		N N N		N N 11 11 11 11 11 11 11 11 11 11 11 11	AL A		2 2 N N 000		* * * * * * * * * * * * * * * * * * *
* & C O O O O O O O O O O O O O O O O O O		H H G G G G G K K K K K K K K K K K K K	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* I * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
4 M M 4 X X & .	* * * * * * * * * * * * * * * * * * *	44 44 44 44 44 44 44 44 44 44 44 44 44	44 04 04 04 04 04 04 04 04	* * * * * 7 N N 10 N N N N N N N N N N N N N N N N	72 42 42 42 42 42 42 42 42 42 42 42 42 42	**** 000 000 000 000 000	0 M M M M M M M M M M M M M M M M M M M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 100 00 00 00 00 00 00 00 00 00 00 00 00
A T T T T T T T T T T T T T T T T T T T	ASSESSED SESSESSESSESSESSESSESSESSESSESSESSESSES	HOLYOKE DAM-CANAL SYSTEM HAMPDEN CONNECTICUT R. SAMPONES PLANTS ALONG CANAL	* INDIAN DRCHARD * HAMPDEN * MEMPDEN * MEMPDEN * MEMPGEN *	* LUDIOW MANUF. ASSOCIATION * THAMPOEN CHICOPEE PIVES * WESTERN MA ELECTRIC	A MUNDERVILLE A HAMPDEN CHICOPEE DIVER A MEGATERN MAGG, ELECTRIC	* STRATMORE PAPER * HAMBORN WESTFIELD RICK * HAMMERHILL PAPER CO.	A THE GORGE A HAMPDEN LITTLE RIVER A SPATNOFIELD MATER MORKS	* * MEGH SPRINGFIELD 3 * * HAMPDEN WEGIFIELD RIV* * HAMMERHILL PAPER CO	A MAGNEDBOOM A MESTERN NA FLECTRIC A MAGNEDBOOM A HAMPDEN NA FLECTRIC STVER 2 DRC S MESTERN NA FLECTRIC STVER 2 DRC S MESTERN NA FLECTRIC S MESTERN NA FLE
* E E A CO * E E CO CO * D CO		T T T T T T T T T T T T T T T T T T T	A MAGNEDBOOS A MAGNIO	MAGNEDSOO4 MAGNEDSOO4	MAGNEDBOODS MASSUOT PFC OFC	MAGNEDBOOT MASSITOS MASSITOS MASSITOS	P C S S S S S S S S S S S S S S S S S S	TAGNED BOOOD WAY TO THE CONTROL OF T	TAGNIDOCOM TAGNICOCA TAGNI

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,000,36

TACOOUNCE OF THE COOUNCE OF THE COOU	T Y T Y T Y	* * * * * *	ON O	****	, e	0 0 U	4 # # # # # # # # # # # # # # # # # # #	****		**	CSEGUE CSEGUE CSEGUE CSEGUE CSEGUE	CONCERNO CON
# # # # # # # # # # # # # # # # # # #	**************************************	****	# # # # # # # # # # # # # # # # # # #	*****	# # # # # # # # # # # # # # # # # # #		****	* * * * * * * * ONN * OMM	# # # # # # # # # # # # # # # # # # #	在在在在在在在在在 1000 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *	# # 80 # # 0 1 8 4 8 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8
TACNEDOGRO * TATESING * TATESING *	KNIGHTVILLE DW. HAMBGHIRE WOTFLD R	* * * * * *	14.5 162	****	C	00 m	****	* * * * * ONN • • •	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	26.04 0.04 8.09 8.09	1329	9 1329
EATNEDSOOG ** EAGUSTON ** DRC **	CUARBIN ZEGERVOIR TAMBULTRE GENET RIVER MOC	* * * * *	16.7 20.4 186	****	T 0P *184.1*	18 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	****	0 0 0 0 m m * * * * *	4 W 40 60 F- RU 60 RU RU 60 RU 60 RU RU 60 RU 60 RU RU 60 RU RU 60 RU 60 RU RU 60 RU	14.343 3.8227	1027	1027
MACNEDOSSINA MAD17055 W DRC **	TIGHE CARMODY RESERVOIR HAMPSHIRE MANHAN RIVER HOLVOKE WATER HORKS	* * * * * * * * * * * * * * * * * * *	5.4 5.4 5.4 5.4	****	4 # # # # # # # # # # # # # # # # # # #	0 0 0 0 0	****	C 10 40 O 10 10	1070	0 KU 6 80 4 6 0 6 0	1414 1414	1414
		2 ~	. 41 . 44 . 6	****	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	₽ •	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	1.61	1387	1387
r n o	THOUCH CHAPLES ALVER TO TANK CHAPLES ALVER T	V * * * * * * * * * * * * * * * * * *	N M O	* * * * *	0P * 274.4*	n 11	20 M	* * * * * *	100000000000000000000000000000000000000	## ## ## ## ## ## ## ## ## ## ## ## ##	6 7 1 1 2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1461
E 6 0	NORTH CANAMIONESSEX A RETIRED	* * * * * * 4 * * * * *	4000 4000	****	0P *6468.7*	0°0 m		0 00 0 4 4 4 4 4	111880 111880 111880 111880 111880 111880	2767.1 24.732	1195	8 1198
MANNEDOGONA MACONIOGONA PORCIONA NA CANA	OLD GUARD LOCKS = CANAL SYS MIDDLESEX MERRIMACK RI A RETIRED POWER PLANT ALONG	F * * * * * * * * * * * * * * * * * * *	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		0.0 mm	0 0 0 0 0	0.00 2.2 0.00	. * * * * *	88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1897 1801 183	1179	1179
AGNEDBORG #	PANTUCKET CANAL OYGIEN HIDDLEGEX A POWER PLANTS ALONG CANAL	* * * 45 7 12 7 12	49.6		H DP **	0 4 0 0 4 0 0 0	4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	10 40 H	28700 41900 70600 + 1	30,316	1000	0

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,37 PAGE 12 OF TABLE 1

K CONTRA	# # # # # # # # # # # # # # # # # # #	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		* * * * *	# # # # # M6 9 T	# # # # 1000 1000 1000 1000 1000 1000 10	* * * * * OO OO	* * * * * M P	4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4
MODEL A CONTRACTOR OF THE CONT	K	1894	452	1244	1493	1501	6. 6. 0. 8.	1435	1456
	* # # # # # # # # # # # # # # # # # # #	1494	4 80 80	12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1493	1501	2102	1 4 3 5	1456
* * * * * * * * * * * * * * * * * * *	**************************************	77.051	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1.00 m	161.74	177 .08 80. 08 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 * * * * *	6 WW	106 10 x 67 2 486 x
. * * * * * * * .	* * * * * * * * * * * * * * * * * * *	44 04 044 044		* * * * * C OF UP 9 -9 OF OP UN UN	000 000 000 000 000	22 22 22 24 44 44 44 44 44 44 44 44 44 4	10000		20 MW 16 A 16 A 16 A
MHH O C C C C C C C C C C C C C C C C C C C			0 00 00 00 00 00 00 00	1791 1797 1797 1797 18	素を水水水 ○ 87 87 でで ママ	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M = 4 GN RI O = 1 O = 1 O = 4 O = 6 O = 6	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 4 O 0 0 In in
1010F0				* * * * *	* * * * *	* * * * * COO 0 0	* * * * * O O O O O	* * * * * O D D O O O O	0.00 0.00 0.00 0.00
2 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		0 00 00 *132.1*	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0P ******	T C C C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	0.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00
	# # # # # # # # # # # # # # # # # # #	42 17 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	47 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	42 39 39 47 1 19 8 8 9 9 8 8 9 9 9 8 8 9 9 9 9 9 9	42 21.07 11 11.02 266	2.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	42 24.0 71 40.7 108	42 10.8 71 41.4 133	42 20 9 71 21 7
	SAPAPASANASANASANASANASANASANASANASANASA	* RESERVOIR ONE SUDBURY RIVER* * * METROPOLITAN DISTRICT COM * *	A CONTILL DAX POND A MIDDLEGEX A MIDDLEGEX A CONTINUEX	A SEATP LOCKS & CANAL SYSTEM A THUDLESSEX MEDDINACK DIVA TA A PHITAGO POLES PLANT ALONG & A THUDS A A THUD A THUD A A THUD A A THUD A THUD A A A A A A THUD A A A A A A A A A A A A A A A A A A A	A WATERTOWN DAM * MADDLEGGEX * MIDDLEGGEX * MIDDLEGGEX	* BLACKSTONE DAN * EDRCESTER BLACKSTONE RIA * UNKNOWN	* COSGROVE PHACHUSETT AGUADUCT* * * EURCESTER NASHUA RIVER * * * MOC.	* FISHERVILLE POND * * WORRESTER GUINSIGAMOND * * DURA LITE COMPANY * *	A TAINED1090 4 FT DEVONS DAY A ALSON 4 FT DEVONS DAY A A LUSTED NAMEUA A A DAC II A NINA HORGAN
	A NAMA A A A A A A A A A A A A A A A A A	TACONFOUNT A TACON	* * ACNEDBOLG * * * AACNEDBOLG * * * AACNEDBOLG * * * * * * * * * * * * * * * * * * *	AMNRDOGOUS A A MANNRDOGOUS A A MACHICOM A A CORC WAS A CORC A A CORC A A	* XAANBO8300 * XAANBO8300 * 2 D20 * 4 D20	AMNEDBURK MANEDBURK MAO4766 * P DRC *	* MAGNEDBO11 * MAGAUSIS * P DRC *	* * * ACCNED BACK TO THE TO TH	T MAMNED1090 T T MAMN

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,37 PAGE 13 OF TABLE 1

TA MAC MCCONDINC TA MAC MCCONDINC TA COMPONIA TA COMPO	1507	1404	6 1476 1476	1474 1476	, 1356 1356	1219	1180
# * * * * * * * * * * * * * * * * * * *	****** ******	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1476	* * * * * * * * * * * * * * * * * * *	: * * * * * * * * * * * * * * * * * * *	0 0 0	* * * *
NERBY COST	**************************************	11 12 14 14 14 14 14 14 14 14 14 14 14 14 14	76.606 72.342	137.48 71.285	67 23 728	186.74 27. 75	60 M 60 M 60 M 60 M 60 M
THE PROPERTY OF THE PROPERTY O	# # # # # # O NO # # O O W # # # O W			* * * * * * O	11470 4440 444	44 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 * * * 90 90 90 90 90 90 90 90
M H H H H H H H H H H H H H H H H H H H	* * * * * * * * * * * * * * * * * * *	T T T T T T T T T T T T T T T T T T T	0100 24.4 0.000		# # # # # Om m 	* * * * * * * * * * * * * * * * * * *	* # # # O #0 #0 C #1
TAN A		N N		17.00.74	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 # # # #	199500 *
A A T T T T T T T T T T T T T T T T T T		000	* * * MO	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 000 000 000 000	0.0 4 4 4 10 0 0 14 4 4 4 4 4 4 4 4 4 4 4 4	0.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00
# 1 C C C C C C C C C C C C C C C C C C	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24.4 M1.4 M2.4 0.00 0.00	24 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	247 247 20 20 20 40 20 40 20 40	71 74 74 74 74 74 74 74 74 74 74 74 74 74	27 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	71.000
PRIMARY CO. INAME OF STREAM	LAKE ROHUNTA MORCESTER WILLOW BROOK RODNEY HUNT POWER CO	LANCASTER MILL POND MORCESTER NASHUA RIVER A LANCASTER MILLS	MACTAGGARTS POND MORPESTER CORCKER PAPER *	OUTNEBAUG RIVER POND ** WORCESTER OUINEBAUG RIV* DUDIEV PAPER CO. **	BUDRURY RESERVOIR WORCESTER BIONY BROOK METROPOLITAN DISTRICT C. *	TUPPER DAM MURCHER BLACKSTONE * DART INDUSTRIES	MAANED1074 # MACHUSETT RES MA 4300 # MORCESTER NASHUA RIV #
ACT		MACKEDSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	MADNED BISTAR A MADING SING WAS BROUNDED W	TACNED ORGANG WAR A MACHINE ORGANG WAR ORGANG WAR A K K K K K K K K K K K K K K K K K K	MACCEDOUNUM RANGOUNUM RANGOLOUNUM RANGOLOU	MAANED109W # WA 44W W # W DRC M # # W	MAANED1074 # MA 4302 #

			-

SCALE DEVELOPMENT SMALL ADDITIONAL > 0 0 1 1 1 1 1 1 1 1 Z V 02 C) UL CAPACITY POTENTIAL HYDROELECTRIC PHYSICAL

ž
⋖
69
I
-
-
×
12.
0
12.3
-
≪
-
60
ia!
I
-
z

***************************************	PRESENTATION OF THE PROPERTY O		2	# W # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	2	DF CULUMNS Z AND 3 (GIGAMATT)
***************************************	**************************************		100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Mine (00 00 00 00 00 00 00 00 00 00 00 00 00	CAPACITY (SUM (GIVEN HEAD RANGE
· · · · · · · · · · · · · · · · · · ·	**************************************	**************************************	0 0 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		* * * * *	0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A C N C C C C C C C C C C C C C C C C C
***************************************	2000	# * * * * * * * * * * * * * * * * * * *	C C C C C C C C C C C C C C C C C C C		C 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		6 6 8 N D COLUEN 4 H TOT
* *	RESTRUCTION OF STRUCTURE OF STRUCTURE SENSON OF STRUCTURE SENSON OF STRUCTURE OF ST	# # # # # # # # # # # # # # # # # # #	**************************************		* * * * * * O O	000	EXISTING DAMS IT EXISTING DAMS IT EXISTING DAMS UNDEVELOPED SITEA
***************************************	######################################	**************************************		****	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	• `⊢
*****	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		****	* * * * * * * * * * * * * * * * * * *	K * K * * K * K * K * K * K * K * K * K	1 H INSTALLED CAPACITY A H INCREMENTAL CAPACITY A H POTENTIAL CAPACITY A
* * * * * * * * * * * * * * * * * * *	*E - * * * * * * * * * * * * * * * * * *	**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************	NWO TOO OO TOO OO TOO OO TOO OO TOO OO TOO OO

DEVELOPMENT ADDITIONAL л л ж э œ э <u>ч</u> CAPACITY AND POTENTIAL PHYSICAL A C la.I HYDROEL

* * * * * * * * * * * * * * * * * * *	****	*	· 林俊 俊 俊 俊 俊 俊 俊 俊 俊 俊 俊 俊 俊 俊 俊 俊 俊 俊 俊	***************************************	**	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在	* 2	*		* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	***	**	张 李 李 秦	· · · · · · · · · · · · · · · · · · ·	* * * *
µz 1	* * * * * * * * * * * * * * * * * * *	* -	K IN				k Ru i	K Z K		* 02	* -	* VI * VI * AU * Z	* * * * * * * * * * * * * * * * * * *	*	* 0	* * * *	* * * *
1	HZ +>W +	TXH TXH TXH TXH TXH TXH TXH TXH TXH TXH	K		*	* * * d	K	M D D M C C D M C C D C C C C C C C C C	K	X X X X X X X X X X X X X X X X X X X	K K K C C C C C C C C C C C C C C C C C	W C C C C C C C C C C C C C C C C C C C	* + + + + + + + + + + + + + + + + + + +		* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #
	CONTRACTOR STATE OF THE CONTRA	200 200 8 8 8 8 8	2 C	00			* * * * * 000	* * * * * C C C	200		* * * * *			# (U	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
4	**************************************	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0		MU 10 10 10 10 10 10 10 10 10 10 10 10 10	000 00		* * * * * ** * * * ** * * *		000	K		K H M M H H H H H H H H H H H H H H H H		
	**************************************	900 M	N M M	000	10 4	* * * * * **** *** *** ***	# # # * # # # # # # # # # # # # # # # #	000	**************************************	0 M 0 O 0 O 0 O 4 4 4 4 4	000	*****	*****	K	K * * * * * * K MUN K MM K MM K MM		* * * * * * * * * * * * * * * * * * *
100			THE	40 H		00	000	000	200	000 00			* * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	*	* * * * * * * * * * * * * * * * * * *
## TOTAL	* * * * * * * * * * * * * * * * * * *	4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6			t #	* * * * * * * * * * * * * * * * * * *	1010 170 1 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	M / / / / / / / / / / / / / / / / / / /	* * * * * * * * * * * * * * * * * * *	10701		* * * * * * * * * * * * * * * * * * *	* NG T *	* * * * * * * * * * * * * * * * * * *	*	* * * * * * * * * * * * * * * * * * *
******	** COLUMN 1 H EXISTING HYDROPOWER COLUMN 2 H ADDITIONAL POTENTIA COLUMN 3 H UNDEVELOPED POTENTH ************************************		CISTING COLTION COLTION COLTION COLUMN	EXISTING HYDROPONER ADDITIONAL POTENTIA UNDEVELOPED POTENTIA ************************************	INER DECE	N	# # # # # # # # # # # # # # # # # # #	2 Jaw * 0 < 2 * 0 0 0 # 0	* * * * * * * * * * * * * * * * * * *	11000 *	1		FOR GIVEN TEAD (2	COCCOCC COCCOCC COCCOCC COCCOCC COCCOCC COCCOC	2	X

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.41 PAGE 99 OF TABLE 1

AANUL COOL ACCONDANCE	* 0	* * * * * * *	NOS 0100	* * * 6202	1000 1000 1000 1000 1000 1000 1000 100	0100		7 * * * * * * * * * * * * * * * * * * *	IN THE T
A L L L L L L L L L L L L L L L L L L L	**************************************	* * * * <i>*</i>	70°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°	00		CO	0.44 0.00 0.00 0.00 0.00 0.00 0.00 0.00	M M M M M M M M M M M M M M M M M M M	# # # # # # # # # # # # # # # # # # #
A CAEL) A CAEL A CAEL	######################################	4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	N. O.	60 60 77 W W O 60	* * * * * * * * * * * * * * * * * * *	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MA * * * * * * * * * * * * * * * * * * *	2477 W 9477 W 94	161180 # 1217000 # 1378180 #
## ## ## ## ## ## ## ## ## ## ## ## ##	######################################	1200	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 RS RS	72200 14400	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MW 4	# # # # # # # # # # # # # # # # # # #	18400 275000 #
######################################	* * * * * * * * * * * * * * * * * * *	2	*** * * * * * * * * * * * * * * * * *	N 0 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	#### 000 000 000 000	N N N	4 N W W W W W W W W W W W W W W W W W W	* * * * * * * * * * * * * * * * * * *	# 0 000 M # 4 000 M M # 4 00 00 M M # 4 00 00 M M M # 4 00 00 M M M M M M M M M M M M M M M M
* 0 ~	**************************************	TC	HYDRUEL OP 1030.94	T C C C C C C C C C C C C C C C C C C C	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	T 000 1111 000 000 000 000 000 000 000 0	# # # # # # # # # # # # # # # # # # #	# # 1000 PT # # # 1000 PT # # # 1000 PT # # 1000 PT # 10
* * * * * * * * * * * * * * * * * * *	**************************************	**** 4 * * * * 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 41 S6 6 19 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	46 49 9 64 30 0 80000
A SA A S	A A LCONSURERS POWER CO.	* ALGEN OCLINE AL TRAIN * CLEVELAND CLINES IRON CO	* FOUR MILE DAM ** ALPENA POWER CO.** ** ALPENA POWER CO.** **	* PRICKETT DIVERSION DAM * BARAGA * U. P. POWER CO	A BERRIEN GRRINGS A CERRIEN BRILD COSEPH A IND + MICH ELECTRIC CO	* BUCHANAN * BERRIEN * IND + MICH ELECTRIC CO	* KLEBER DAM * CHEBOYGAN UPPER BLACK * * NORTHERN MICH ELECTRIC C *	EDISON SAULT ST MARYS RIVE EDISON SAULT ELECTRIC CO	A GARA GARA A SANTA DALLO A SANTA DALLO CALANTO A SANTA DAL SANTA DAL SANTA DAL SANTA SANT
**************************************	MINCESSO MISO150	MINCESSON MINCES	MINCEOOIS MINCEOOIS MINCEOOIS MINCEOOIS	MINCESORI MISSIPS 2 DRC I	THINCEOUGH	MIGNCEOORS MIGNOSS MIGOLS7	A WIINCEOOWS A WII	MIHNCEO143 MIUOO36 2 DFC I	MIGNCEO144 MIUO046 2 OFC I

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POMER STUDY TIME 01.18.41 PAGE 100 OF TABLE 1

2 CB ~	*			****	***	****	****		
THE STANKS AND THE ST			12 13 13 13 13 13 13 13 13 13 13 13 13 13	1037	15 15 15 15 15 15 15 15 15 15 15 15 15 1	202	9002	202	0102
A PROCES	# 10 # 0		20	2	õ	20	2	80	02
	# # #								
	# # # ISI # IO		•	_	-				
	# IN # IO # IN		85 60 60	1037	2023	2022	9008	2024	;
*****	***	* * * * *	****	****	****	* * * * * *	****	****	***
* P C C C	# # # 0 0	00	00	N 04	P) 40	00	00	0 F	င္ဝ
# # # # # # # # # # # # # # # # # # #	* * * *			1194. 48.64	0.00 11.00 10.00 1			116.3	60
NERGY C1000 C8/H	4 4 *			~ 4	0 m			Q →	
****************	* * * * * * * * *	****		****	****				
* C > > · · · · · · · · · · · · · · · · ·	*	202	H 0 H	47.4	- W - W - W - W - W - W - W - W - W - W	471	N N N N	0.00	5903 5905
	14 4 1 14 4 1 14 4 1	7127	W 80	10714 24557 35271	39481 6575 46097	447	12 12 13 13 14 14	47119 7919 45034	15905 15905
ESCENTIFICATION OF THE PROPERTY OF THE PROPERT	je Le								
***	****	****	****	****		****		****	
	4 4 0 0 0	9 50	00 00 E	5000 3990 1990	7200 14932 22132	000 000 000	200	6233 6533 2765	0084 0084 0084
*ひひそへへへ・	# # # # # # # # # # # # # # # # # # #	2 2	in in	2 - M	2 4 4	- ,**	m m	4 6 6	3 3
									4
GA F									
	000	000	000	000	O in vi	000	006	900	000
	100 P	40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	0 0	24.00 mm	8 64 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	200 370 4400 690	δ 4. δ ω	4.00 4.00 0.00 0.00
KA WE DA	e e e								1
ν Σα. Σα * * * * * * * * * * * * * * * * * * *	* * * * *	****		****	****	****		. * * * * 1	
		₩.	***	0	N	No.	En .	•	i in
123 · F	* 4	89 60 60	8 ° 6	85 0		4. N	ED	9. 9.	4 N = 7 O
24 24 24 24 24 24 24 24 24 24 24 24 24 2	# G # 60 # 40 # 40 # 40	1058	6564	10. 10.	4 0 10	- 214	2987.5	1649	e 697 . S
		H DP 1058.6	636	7 00 10 10 10 10 10 10 10	- IN -	214	ED	1649	T
* C. * * * * * * * * *	*	1058	6564	10. 10.	IO 40 00 00 00 00 00 00 00 00 00 00 00 00	TO S	2987.5	TO .	***
* C. * * * * * * * * *	*	7 * H 37 * DP 30 * ±1058	10	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		Mulos Mulos Mulos	E E E E E E E E E E E E E E E E E E E	M. 000	***
* C. * * * * * * * * *	*	47°7 H 4°7 H 900 H 000	10.04 10.04 10.44 10.44	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	22 00 00 00 00 00 00 00 00 00 00 00 00 0	248 248 248 248 248 248 248 248 248 248	N 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22.3 # H 4.2 # OP 1790 # :1649	***
A	*	7 * H 37 * DP 30 * ±1058	1. 4. 07.0 0.04 0.04 0.04 0.04	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #		10000 10000 10000 10000 10000 10000	200 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	***
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	47°7 H 4°7 H 900 H 000	10.04 10.04 10.44 10.44	0. 4 4 7 4 4 7 4 4 4 4 4 4 4 4 4 4 4 4 4	80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1	50 50 50 50 50 50 50 50 50 50 50 50 50 5	***
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	4 45 47 4 T T 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	1	***
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	4 45 47 4 T T 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	1	***
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	4 45 47 4 T T 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TINEE A CO TO TO THE TOTAL A CO TO	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	1	***
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	47°7 H 4°7 H 900 H 000	10.04 10.04 10.44 10.44	0. 4 4 7 4 4 7 4 4 4 4 4 4 4 4 4 4 4 4 4	80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# 45 40 40 8 H H H H 45 4 47 47 47 8 B DP 8 8 2 14 47 8 B B B B B B B B B B B B B B B B B B	AMNONINEE & 67 SEC. 1 & OP SEC	AENDMINES + 88 492 + 07649	***
# # # # # # # # # # # # # # # # # # #	## ## ## ## ## ## ## ## ## ## ## ## ##	4 45 47 4 T T 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TALLS A CO A C	A CO A CONTROL A GO A TOPOSO A STATE OF THE CO A CONTROL A GOVERNO A STATE OF THE CONTROL A	STURGEON & GY 47.8 W F TO CO CO & SP. 4 A A A A A A A A A A A A A A A A A A	AMNONINEE & 67 SEC. 1 & OP SEC	MENDMINER # 40 MOON # I DO # 400 MOON # I DO # 400 MOON # I DO # 41049	***
# # # # # # # # # # # # # # # # # # #	## ## ## ## ## ## ## ## ## ## ## ## ##	# 45 47.7 # II EGCANABA # 87 4.7 # DP # 980 # #1058	# 45 49,9 # I ESCANABA # 67 50,5 # I 67 6 # I 67 6 # 67 6 # 69369	SEC TALLS * 445 47°22 * II SECULINEE * 500 22°55 * DP CO * REVOIL * * DP CO * REVOIL * * DP	MENONINER & 88 7.55 & 17405.	# 4 01 4 08 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AMNONINEE & 67 SEC. 1 & OP SEC	# 45 55 4 H H MENOMINEE # 88 4 2 4 DP 4 4 649	***
# # # # # # # # # # # # # # # # # # #	A CONTROL OF A CON	1	# + 45 49.9 * II	SEC TALLS * 445 47°22 * II SECULINEE * 500 22°55 * DP CO * REVOIL * * DP CO * REVOIL * * DP	MENONINER & 88 7.55 & 17405.	# 4 01 4 08 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AMNONINEE & 67 SEC. 1 & OP SEC	# 45 55 4 H H MENOMINEE # 88 4 2 4 DP 4 4 649	***
# # # # # # # # # # # # # # # # # # #	A CONTROL OF A CON	1	# + 45 49.9 * II	SEC TALLS * 445 47°22 * II SECULINEE * 500 22°55 * DP CO * REVOIL * * DP CO * REVOIL * * DP	MENONINER & 88 7.55 & 17405.	# 4 01 4 08 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AMNONINEE & 67 SEC. 1 & OP SEC	# 45 55 4 H H MENOMINEE # 88 4 2 4 DP 4 4 649	***
# # # # # # # # # # # # # # # # # # #	TO CONTRACT OF THE PROPERTY OF	# 45 47.7 # II # 45 47.7 # DP # 97 4.07 # DP	# 45 49.9 # I # 45 49.9 # II # 67 # 10.5 # 10.5 # 670 # 40.59	TALLS A CO A C	A CO A CONTROL A GO A TOPOSO A STATE OF THE CO A CONTROL A GOVERNO A STATE OF THE CONTROL A	STURGEON & GY 47.8 W F TO CO CO & SP. 4 A A A A A A A A A A A A A A A A A A	1	MENDMINER # 40 MOON # I DO # 400 MOON # I DO # 400 MOON # I DO # 41049	***
A PANAMAN AND AND AND AND AND AND AND AND AND A	TOOL O S A CONTRACTOR OF S A C	# ESCAN 1 # 455 47.7 # II # DP	A COCAN WAS A 45 49.9 A T SOCANABA A 87 5.5 F T T T T T T T T T T T T T T T T T T	A BIG GUINNEGEC TALLS A 455 A70.2 A 1 A 10.5	T 4 NGOPONO TONOTINER 4 00 40 10 10 10 10 10 10 10 10 10 10 10 10 10	A STURGEON BY CO A CHURGEON A CHURCEN A	A CHIRCHON FALLS TO CONTROL TO CO	# TWIN FALLS # 455 500 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	***
A PANAMAN AND AND AND AND AND AND AND AND AND A	TOOL O S A CONTRACTOR OF S A C	# ESCAN 1 # 455 47.7 # II # DP	A COCAN WAS A 45 49.9 A T SOCANABA A 87 5.5 F T T T T T T T T T T T T T T T T T T	A BIG GUINNEGEC TALLS A 455 A70.2 A 1 A 10.5	T 4 NGOPONO TONOTINER 4 00 40 10 10 10 10 10 10 10 10 10 10 10 10 10	A STURGEON BY CO A CHURGEON A CHURCEN A	A CHIRCHON FALLS TO CONTROL TO CO	# TWIN FALLS # 455 500 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	***
ID NO * PRITARY CO. *NAME OF GTREAM *LONGITUDE *P. ID NO * PRITARY CO. *NAME OF GTREAM *LONGITUDE * DEP * DENEM * OF MAN * OF MAN * CODE * COE * CO. *NAME OF GTREAM *LONGITUDE * CODE * CO. *NAME OF GTREAM *LONGITUDE * CODE * CO. *NAME OF GTREAM *LONGITUDE * CODE * CO. *NAME OF GTREAM *LONGITUDE * ATUS * CO. *NAME OF	TOOL O S A CONTRACTOR OF S A C	# ESCAN 1 # 455 47.7 # II # DP	A COCAN W A 45 49.9 A T SOCANABA A 87 5.55 A DP A MEAD CORP A 670 A 693.9	A BIG GUINNEGEC TALLS A 455 A70.2 A 1 A 10.5	T 4 NGOPONO TONOTINER 4 00 40 10 10 10 10 10 10 10 10 10 10 10 10 10	A STURGEON BY CO A CHURGEON A CHURCEN A	A CHIRCHON FALLS TO CONTROL TO CO	# TWIN FALLS # 455 500 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	***
A PANAMAN AND AND AND AND AND AND AND AND AND A	A COO CANA CANA CANA CANA CANA CANA CANA	18 A ESCAN 1	240 # ESCAN 3 # 45 49,9 # H 56 # DELTA ESCANABA # 87 5,5 # DP 1 # NEAD CORP # 90399	A DIG DUINNESSO TALLS A DICKINGON MINONINES A CU A7.0 A T A CO N. S. S. S. S. D. S.	TOO47 * TINGGFORD MENDAINER & BO 7.00 A OF OILO 17 * U.04 A OILO 17 * U.04	A MICHAGEON STURGEON A GT 47-22 A DP TA MICHAGEON A GT 47-22 A DP TA MICH PER CO A SERIA	1049 & STURGEON FALLS 99 & DICKINSON MENDAINEE & 67 52.1 & OP 1 & CITY OF NORMAY	# TWIN TALLS # 45 500 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	223 * EDENVILLE 443 48,9 * 19 * GLADMIN TITTABAWASSEE* 84 23,2 * I * WOLVERINE POWER CO

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.42 PAGE 101 OF TABLE 1

ATALET PRESENTATION CONTRIBUTION OF CONTRIBUTI	20000 10000	2010		37 00 N4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O S Ng	000	37 KB	80 80
	*						0.00	103	20.02
NUL COST	# # # # # # # # # # # # # # # # # # #	W W 44 64 14 14 14 14 14 14 14 14 14 14 14 14 14	4 M M M M M M M M M M M M M M M M M M M	N 00 00 00 00 00 00 00 00 00 00 00 00 00	00	00	# # # # # M CU M CU M CU M CU M CU M CU M CU M CU	00	
2		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2000 2000 2000 2000 2000 2000 2000 200	M * * * * *		M W W W W W W W W W W W W W W W W W W W	M W W W W W W W W W W W W W W W W W W W	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	50 00 00 00 00 00 00 00 00 00 00 00 00 0
	# # # # # # # # # # # # # # # # # # #	11 11 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	**************************************	M 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * 00000000000000000000000000000	4 4 000 000 4 4 8 8 8	# # # # OMM M OOOO OMM OOOO	8 8 8 8 8 00 0 00 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
A C T T C T T C T T C T T C T T C T T C T T C T T C T T C T T C T T C T T C T	# IN	000 000 000 000	4 + + + + + + + + + + + + + + + + + + +	* * * * * * * * * * * * * * * * * * *	24 20 20 20 20 20 20 20 20 20 20 20 20 20 2	(N P R R R R R R R R R R R R R R R R R R		8 4 4 4 5	MANO WAS WAS WAS
AVE G		HYDROEL # OF CONT.	TO OF M & M & M & M & M & M & M & M & M & M	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	100 100 100 100 100 100 100 100 100 100	TO C = C = C = C = C = C = C = C = C = C =	110 1100 600 600 600 600 600 600 600 600	X C C C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #
CONGITUE CO MAREA CO	4 4 4 4 4 0 6 0 7 0 8 0 8 0 8 0 8 0	A B B B B B B B B B B B B B B B B B B B	> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 W 4 W 5 O O O 5 O O 6 O O 6 O O 7 O O O 7 O O O 7 O O O 7 O O 7 O O 7 O O 7 O O 7 O O 7 O O O O	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 8 8 8 8 8	3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 4
PRITARY CO. LVANG OF GIRBAN	(O) (D) 32	SMALLWOOD DAM ** GLADMIN TITTIBAXAGGER* WOLVERINE POWER CO. **	SAXON FALLS GOORBIC MONTREAL RIVER LAKE SUPERIOR DIGH PER C *	EERRER TONAL CONSUMERS DER CO	FOOTE AU SABLE R + CONSUMERS PWR CO	LOUD TOSCO AU SABLE * CONSUMERS POWER CO	BRULE ISLAND IRON WISSMI PWR CO	CRYSTAL FALLS INDN CITY OF CRYSTAL FALLS *	HEMLOCK FALLS IRON MISSENI PER CO
A ACTIVE OCTOR A ACTIVE OCTOR	MIINCEOOS4 MINOS47 P ORC I	MINCESORE * MICOSAS * DRA DRA	MIINCE0057 ** MI00196 ** S DRC I **	MIINCEOOS4 * MIOOOOO 1 * MIOOOOOO 1 * MIOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO	MINCEOO58 # MINCEOO58 # MINCO169 # # DRC I # #	MINCEO069 ** MINO178 ** 2 DRC 1 **	MINCEDOTO # MINOSISS # 2 DRC I # 1	MINCECOTS A MINCECOSTS A MINCESS A M	MINCEOOVI & MICOOVI & MICO

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.42

# COXYX	######################################	****	2019	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	# # # # # # # # # # # # # # # # # # #	****	***	* * * *
# F O O O O O O O O O O O O O O O O O O		00	00	W W W W W W W W W W W W W W W W W W W	88 . 8 . 8 . 8 .	0.0	00	00	0 0
* Z CK CK		4	4000		M.W.	* * * * * * * * * * * * * * * * * * *	20 00 00 00 00 00 00 00 00 00 00 00 00 0	######################################	
* * * * * * * * * * * * * * * * * * *	4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	16000	0 0 0 0 n	4 4 6 4 6 4 6 4 6 4 6 4 7	\$ 24 \$ 25 \$ 26 \$ 26 \$ 26 \$ 26 \$ 26 \$ 26 \$ 26 \$ 26	00 00 00 00 NI NI	4 4	00 00 00 00 00 00 00 00 00 00 00 00 00	M C M 4
(AC 41 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	0000 m 0000 m 0000 m	* * * * * * * * * * * * * * * * * * *	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4 8 8 8 8
6 0 m		15. 9. 1.	80 4	51.7	.78.0	376 _e 0	17493	80 60 6-	20 20 20 21 20 21 20 21 20 21 20 21 20 21 21 21 21 21 21 21 21 21 21 21 21 21
+ 0.	TO D	10	I 0	σο 2	15	16	10	10	I.O.
*******	* -	-	_ *	a. *	•				4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
TANKARARARARARARARARARARARARARARARARARARA		20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	6 23 6 6 8 8 17 6 6 6 5 8 8 8 17 6 6 6 8 8 17 6 6 6 8 8 17 6 6 6 6 8 8 17 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.00 W 0.	10 00 00 00 00 00 00 00 00 00 00 00 00 0	0 M4 4 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.42 PAGE 103 OF TABLE 1

# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	1040 1040 1040	*****	MOON * * * *	0 * 1066	02050	O100	K # #
# MNUME COOM # # MNUME COOM # # (1000 00) # # (1327) # # # # # # # # # # # # # # # # # # #	** ** ** ** ** ** ** ** ** ** ** ** **	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4						206.65 82.66
A CARIO A COOO CARIO A	* * * * * * * * * * * * * * * * * * *	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26141	17621 **	7 98 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M 96711 0 0 0 W	101 101 00 00 00 00 00 00 00 00 00 00 00	NO INCOME
- XXX 0.0333 0.04000 0.04	**************************************	1999 99 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M M M	6. 6. 9. 0.	MON 00 00 00 00 00 00 00 00 00	* * * * * 00 0 m m m m	# 0006 # 0008 # 0008
XX	2		* * * * * +	0 TH 00 TH 0	M 24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	80 0 0 00 0 00 0 00 0	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A V E C B B B B B B B B B B B B B B B B B B		1 14 60 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	E A A A A A A A A A A A A A A A A A A A		TO 00 00 00 00 00 00 00 00 00 00 00 00 00	TD 00 00 00 00 00 00 00 00 00 00 00 00 00	# # # #
1		N.F.	2.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	24.00 NU P - 20	24 W W 2 W 2 W 2 W 2 W 2 W 2 W 2 W 2 W 2	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	84 22.0 1090 1090 4 4 4 4 4	2.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
PRIMARY CO. TANE OF STREAM	LUDINGTON PUMPED STATES THE STATE	CONSUMERS PWR CO CHALK HILL MENOMINEE MISSMICH PWR CO	GRAND RAPIDS MENOMINGE MENOMINGE MISCONSIN PUBLIC SERV CO		UPPER MENOMINEE MIVEN DAM ** MENOMINEE MENOMINEE ** SCOTT PAPEN CO MENOMINEE **			COUNTRACTOR ALBANDON A NORTH A
	MILNOE1404 MINOE1404 MINOE1404 MINOE0108 MIOO195		MHNDED110 MHNDED110 MHD00010 MHDAC II **	* * * * *		MINCEOLLA * MICOROL I * MICORO	MINCESORA MICOSSO # DRC II #	MIINCEO120 * MIOO162 *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.42 PAGE 104 OF TABLE 1

	****	****		ACT TO C	**************************************	ANTOCAPOLLO CANCOLA CONTROCA CANCOLA C	* * FOOO O O O O O O O O O O O O O O O O	TOTAL STATE OF THE
TARDY TORNER TORNE	* * * * * * * * * * * * * * *	* 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0	**************************************	# # # # # # # # # # # # # # # # # # #	**************************************	**************************************	# # # # # # # # # # # # # # # # # # #	
VICTORIA DIVERSION ONTONAGON ONTONAGAN U.P. PWR CO	* * * * * * * * * * * * * * * * * * *	441. 650. 650. 444.	7.0 6.0 10 10 10 10 10 10 10 10 10 10 10 10 10	12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11.0000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00	
PAPER MILL Schoolcraft Manistique Manistique Pulp + Paper	* * * * * *	57.2 14.7 1100	TO 00	000 1488 MH	3 4 8 60 00 00		00	
HURON RIVER	**** 40 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T 000 000 000 000 000 000 000 000 000 0	44 600 000 000 000 000 000 000 000 000 0	000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	oc	***
N D & D.	* * * * 4 W	20 00 00 00 00 00 00 00 00 00 00 00 00 0	90 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	88.80 88.80 88.80 88.80 88.80		428.10 47.20	

SMALL SCALE	DEVELOPMENT	₹ .
ITIONAL	2 2 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3	0 0 2 2 2
O 4	o z ∢	O F
A L F D R	PACITY	# 4 ►
⊷ ≻ z	o ک	ω F
A L P 0 T E	LECTRIC	Z H
D H & H G	H 0 0 0 0 × H	

							POTENTIAL		INCREMENTAL	L CAPACITY	TY KANGE	10 10 10 10 10 10 10 10 10 10 10 10 10 1					* *
* * * * .	* * * * < ZO () - < JO ()	*	* 32	* E	** * * * *	在收收收款在	# X # X	* * * 0 *	*	**	* *	* * * * * * * * * * * * * * * * * * * *	***	# 0	**************************************	* * * * * * * * * * * * * * * * * * * *	* * * * *
	* * * * * * * * * * * * * * * * * * *	* W W W W W W W W W W W W W W W W W W W	* * * * * * # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * 4 * * * L * O O C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * * *	* IN IN <	4 H D A A A A A A A A A A A A A A A A A A	* * * + 0 * * H H H H H H H H H H H H H H H H H H	* 00 U 4 : * H Z U : * X H	* 20 C - * C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * # DOZH * * DOZH * DOZH * * DOZH * DOZH * * DOZH * DOZH	UNDER VER VER VER VER VER VER VER VER VER V	4
			* # # * * * * * * * * * * * * * * * * *		x		* 10 4 * 40 4 * 40 4 * 4 4 4 4		* * * * * * * * * * * * * * * * * * *		x		* * * * * * * * * * * * * * * * * * *	*	* 300 * 00 * 00 * 00 * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * O * * * * O * * * O * * * O *	* 200 * 00 * 00 * 00 * 10 7 *
	* * * * * * * * * * * * * * * * * * *		K * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	보 각~~ (보 보	#		* * * * * * * * * * * * * * * * * * *		** ** * * * * * * * * * * * * * * * *	*		* MO G G G G G G G G G G G G G G G G G G	* 01	* 20.4	* C * C * C * C * C * C * C * C * C * C	* M4 * * * * * * * * * * * * * * * * * *
		* * * * * * * * * * * * * * * * * * *		* * * * *	k (* * * * * • 0		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		****			# # # # # # # # # # # # # # # # # # #		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
	* * * * * * * * * * * * * * * * * * *										* 6			* •0		* O * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
		20 m	K 00 07 1		k -	* Mb- * mg- * mg- * mg-	K	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	r 0 nr 1	k P/M		* * * * * * * * * * * * * * * * * * *		x	* * * * * * * * * * * * * * * * * * *	
	בפרחש כפרחש כפרחש	- WW	NN X X NN X X X NN X X X NN X X X X X X	INSTALLED CAPACITY A INCREMENTAL CAPACITY A POTENTIAL CAPACITY A	k ⊢ ⊢	THE STATE OF	TANK TANK TO BE TO SELLED SOLITE		1	HO ENDO	U	K H H H H H H H H H H H H H H H H H H H	COAP ***	CSUM *** CSUM *** CONTROLL RANGE CG		AXXXXXX AXXXXX ANS 2 AND AMATT)	* * * * * * * * * * * * * * * * * * *

7 7

D R V E L C P M E N 1 ADDITIONAL A T O O M N N N N N > 09 02 14 14 14 14 ож О Z W O F POTENTIAL STATE CAPACITY ω I PHYSICAL HYGRUELECTRIC

* * * *	26 26 26 26 46 46 26 46 46 46	1024 1024 1036 1036 1036 1036 1036 1036 1036 1036			1 N P P 1		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*****
· 在		4 H O S	2 O' (N.)	เพิ่ง	. 0.00 +	, p	M A	M #
**	et .	M D C W C C C C C C C C C C C C C C C C C	000	* * * * * * * * * * * * * * * * * * *		000		NS 2 AND WATT) TTEHOUR)
· · · · · · · · · · · · · · · · · · ·	* TO TO T	* * * * * * * * * * * * * * * * * * *		0.00 → 0.00 + 3. * \$ *		M 00 00 00 00 00 00 00 00 00 00 00 00 00	M (N)	COCCUCA A WAS A WA
· · · · · · · · · · · · · · · · · · ·	我 在	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	00 0.24 0.04 0.05 8.88.88	M.N.	60 60 60 60 60 60 60 60 60 60 60 60 60 6		0
· 有	4 3 ·	* * * * * * * * * * * * * * * * * * *				(A) 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TARRES TO THE TOTAL TOTAL TO THE TOTAL TO TH	0 M C 8 K M C
* * * * * * * * * * * * * * * * * * *	# A! # Z	* * * * * * * * * * * * * * * * * * *			000	000	000	A M M M M M M M M M M M M M M M M M M M
* 00	# E	* * * * * * * * * * * * * * * * * * *		## \$ # # NMO → M		M	# # # # # # # # # # # # # # # # # # #	A FEACH A STANDARD A S
**************************************		* * * * * * * * * * * * * * * * * * *		000		# # # # # # → LD 00 0 M 1	20 H	1
* 22	* *	**************************************		*****	* * * * * * * * * * * * * * * * * * *		00 01 01 01 01 01 01	0 EF-0 *
* i	# # # #	* * * * & * * * * * * * * * * * * * * *						
* Z	* 10 * 2 * 3 * 3	* * * * * * * * * * * * * * * * * * *		X				x
**	** ** ** ** ** ** ** ** ** ** ** ** **	* * * * C						DEVELOPMENT AT EXISTE L *********************************
**************************************	* * * * *	**************************************	* 30 UI * 00 UI * 4 5 7 5 5 * 4 5 7 5 5	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		**************************************	* ~~**
经按条件 法法律 医克拉氏试验检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检	**************************************	**************************************		ķ.	*	* * * * * * * * * * * * * * * * * * *	*	**************************************
**	* * * * * * * * * * * * * * * * * * *	A VARA A RA R	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* OO H	*	* 0.4 * 0.4	X
* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4	*	* M.S * M.S * M.S * M.S * M.S	*	*	*	*	* XQZ * XQZ * XQZ * X UV X X V X X X X X X X X X X X X X X
* * * * * * * * * * * * * * * * * * *	F 4 1 30	* * * * 0 3 I H Z H > W * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************	** COLUEN 1 BEXTOTIONAL POTENTA COLUEN 3 BENDEVELOPED POTENTA ** COLUEN 3 BENDEVELOPED POTENTA ** COLUEN 3 BENDEVELOPED POTENTA **
* I W 4	1 1.1	w w F	* • • • • • • • • • • • • • • • • • • •	* ! * 0 * N	* N	* C *	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

DATE 15 FEB 81 NATIONAL HYDROELECTRIC PUWER STUDY TIME 01.18.42 PAGE 105 OF TABLE 1

* * * * * * * * * * * * * * * * * * *	* * * * *	****	****	****	***	***	****	****	* * *
* COXXX	926	1961	1947			1994			1944
*CZCHCZ *ZFCH* *ZFCH* *ZFCH*		3							4
# ZO CZ W	* 0	1961	1947			\$ 66 \$			•
# 20年 記念 * 12年 日本の * 12年 日本の	***	1961	1947			9 9 4			1944
****	* * * * *	***	****	****	****	****	****	****	***
400 GX	# # #	5.4	**************************************	00	o ö	• B	00	00	N 6
X 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 00	101 44 64	1220			⇔ 80 60 • 67 •			656.
*	* * *	****	****						: اند مد مد ا
# 6 > > / # 6 0 0 # 2 6 6	* 0 d d	9 60	999	4 4 6 0 0	202	SNN	110		0
* - K K K K K K K K K K K K K K K K K K	* NN * 311 * 00 * NN	M M 4 N M 80 N M N D 00 70	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	174	1107	31.00 31.00	119		4 4 4 4
E HOLOGO	*								
* * * *	* * * * * * * * * * * * *	000	0 M M	808	808	888	000	4 4 NO 01 F 4 4 4	* * *
# 4 4 E	# 10 40 # 10 10	M 10 00 00 00 00 00 00 00 00 00 00 00 00	2 2 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1 60	4 W O 4 O O 0 O O 0 O O	9	4 4 M M	491
ENOF ENOF	# # #					-			1
		****	****	****	*****	****	****	****	***
**************************************	2007 2004 2004 2004	000	% → @	0 M O	M 21 210 NV	M 4 40 0 4 40 0 W 0	200 12 → 01 0 0 0	000 000	000
K K O . F O F C F C F C F C F C F C F C F C F C	2 0 0 L	a M	400	~~~	Pr. S.	W 4 40	4 0 W	4 5 W	000 000 000
E E E E E E E E	* * * * * * *	****	****	****	****	****	****		* * *
# Z Z Z		2217.0	2347.0	8 W 9.0	M 1	321.0	0 • 1 ep	0.68	N # DP 10313,04
* • • • • • • • • • • • • • • • • • • •	* 0 * I	10 N		* C		7.C. 6. W	pr ≠ 0	x € x € x €	N 00 1
******	* * * * *	****	* * * * *	****	****	****	*****		***
	riu 4 O	WN 4 * *W U+O	2.00	9 6 9	0 M 0	# • • • • • • • • • • • • • • • • • • •	W-W	000	1000 m
THHAME OF	# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 (1 W	14.7 160	4 MW W 0 4	4 (I) W	10 C	⇔ W W W W	u r	2 N 40 1
	* * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 0 0 0	40	4 0 4 0 0 0	2 G 2 G		0 0 7 0	# # # # # # # # # # # # # # # # # # #
k * X * 4	K 144 R 2K		·	· · · · · · · · · · · · · · · · · · ·				H	
k 193 k 02 k 1- k 60	**************************************	e i o	S.	8	810	13	(5 2 H	MISSISSIPP CO	NE OUNCE
k #	ж я	ST. LOUIS	Louis	LOUIS	er cours	ar Lauts co	CROW WING + LT CO	818	NO TO
K 4 M K 4 M K 5 M K 6 M K 6 M K 7 M K 6 M K 6 M K 7 M K 6 M K 7 M	N4 P. L.	ST.	, ecc	, s		# 0 ±	- CBG	E C	9 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
PRIMARY COUNERS	BLUE I	B	5	5	60		σ 3 α	PAPER	TANTINGO THOO TOO
KENTA KOTA KOTA KOTA KOTA KOTA KOTA	EARTH EARTH		∢ +	ALLS R +		. +	± .		x 1
A R Y	NA A	CLOQUET CARLTON NORTHWEST	FOND DU LAC CARLTON MINN PWR +	KNIFE FALL CARLTON HINN PWR +	SCANLON CARLTON MINN. P+L	THOMBON CARLTON MINN PER	COYLLANS HASS	CROW ERROR	LDCK 2 DAKOTA DAEN NCS
ά κα κα	RAPYDAN BLUE EAN	CLODUET CARLTON NORTHWE	7 0 0 E	X O E X A H M X X	SCANLON CARLTON MINN. P	H O E	SA FINANCE A SA S	5 C C 5 C C 5 C C 5 C C 5 C C	DAKOTA DAKOTA
* * * * * * * * * * * * * * * * * * *	*	****	* * * *	* * * * *	****	****	****	****	* * * *
IIO NO IIO NO COEP COEF	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 000 000 1	0028 603 C	0025 606 C I	0000 0000 0000 1	0003 604 504	0031 601 C I	2 P	0 0 0 0
COOFICORPER COFFE COFFF COFFF COFFF COFFE COFFF	MANCOOORO MNOOSIR	MUINCOOONI MNOOOOOO	MNINCSOOZZ MNOO603 Z DRC I	MNINCSOORS MNOOGOG	MNINCSOONE MNOOSOONE NOOSOON	MNINCSOOES MNOO604 P OFC I	MNINCSOOSI MNOOSOI 2 DRC I	P COCK	ANDOUGOUNG A CONTROL OF CONTROL O
: 1	Z Ai	z v	E V	X X M X	X N	I Q		E N	# MNANCSOSOS # LOCK 2 HASTINGS, MN # MNOOSOS # DAKSTA MISSLOSIUSSIPPI # N DAC I # DAKN NCS
. * * * * * * *	* * * * *	****		****	****	***	******		* * * *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.43 PAGE 106 OF TABLE 1

本化 のし	######################################	2	1991	1976 1976	ree e e e e e e e e e e e e e e e e e e	****	****	## ## DOD!	
* F * F * D * D * D * D * D * D * D * D	**************************************	0.00 54.00 54.00 54.00 54.00	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	200 20 20 20 20 20 20 20 20 20 20 20 20		00	00	10 00 00 00 00 00 00 00 00 00 00 00 00 0	「春 春 春 春 春 春 春 春 春 春 春 春 春 春 春 春 春 春 春
******	* * * * * * * * * * * * * * * * * * *	0 M M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	98737 466304 144944 1444	# # # # # # # # # # # # # # # # # # #	# m27w4 0 7 7w4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4490050 168020 217076 444	* * * * * * * * * * * * * * * * * * *
* C C C C C C C C C C C C C C C C C C C	**************************************	16161 16161	## PP-09-09-09-09-09-09-09-09-09-09-09-09-09-	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * 00 00 00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N 0000 000 000 000 000 000 000 000 000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
1	## ## ## ## ## ## ## ## ## ## ## ## ##	00 NE	W 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	#### O O O O O O O M (M O P)	***** * 000 * 00 * 00 * 00 * 00 * 00	4 4 4 4 4	12 12 12 12 12 12 12 12 12 12 12 12 12 1	40000 40000 60000 60000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #
	44 44 44 44 44 44 44 44 44 44 44 44 44	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10000000000000000000000000000000000000	H # 00 40 7500 80 80 80 80 80 80 80 80 80 80 80 80 8	NO 044 0.004 0.004	1100 0011	10 60 60 60 60 60 60 60 60 60 60 60 60 60	T 0.00	TO # # # # # # # # # # # # # # # # # # #
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24.4 24.6 26.6 20.0 20.0 20.0 20.0 20.0 20.0 20	44 56 56 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 88 88 88 88 88 88 88 88 88 88 88 88 8	# # # # # # # # # # # # # # # # # # #	47 174 93 29*1 446	9 4 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	47 57 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
PRILEARY CO. FINAME OF GHREAM ONNER	CANNON RIVER FILLMON RIVER DAKOTA + GDODHUE COUNTY	COON RAPIDS HENNEPIN HENNEPIN COUNTY PARK RESERVE	FENERAL TO. ALBOHADAY TALASTAND TO ALBOHADAY TALBOHADAY	LOCK 1 APLOSENT PAUL, EN MINENIEPIN MINENIEP	COMER DAY, S4. ANTHONY TAL HENNEPIN MISSISSIPPI * HENNEPIN MISSISSIPPI * NATES POWER CO.	BLANDIN TAPER CD **	PRATRIE RIVER A ITASCA BLANDIN PWR CO PRAIRIE **	RAINY LAKE ** KOUCHICHING RAINY RIVER ** GOISE*CASCADE CORPORATION **	TAND DER + IT CO TAND DER + IT CO TAND DER + IT CO
## ## ## ## ## ## ## ## ## ## ## ## ##	E .	* MANCOOODO * * * MANCOOODO O * * * * * * * * * * * * * * * *	# WOONCOODON # # WOONCOOD W # # # WOONCO W # # # # # # # # # # # # # # # # # #	* MNGNGS0991 * MNGNGS0991 * MN008991 * * * * * * * * * * * * * * * * * *	* MOGNCOOSI * * MOGNCOOSI * * MOGNCOOSI * * * * * * * * * * * * * * * * * * *	* MNINCSOONS * MNOOSOON * MNOOSOON * * * * * * * * * * * * * * * * * *	* MNINCOGO16 * * MNO0600 M * * MNO0600 M * * * * * * * * * * * * * * * * * *	# X L D D D D D D D D D D D D D D D D D D	A MNINCOGOLG WAY MNOOCOT WAY MNOOCOT WAY

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.43 PAGE 107 OF TABLE 1

* * * * * * * * * * * * * * * * * * *	* 4 * * * * * * * * * * * * * * * * * *		. * * * * * * * * * * * * * *	*******	***
* COVAC * COVAC * COVAC * CHOXX * CHOXX * CHOXX	* C	1941		1981	1946
# X W O W U C C C C C C C C C C C C C C C C C C	2 L O L	1941		1924	986
AC ACA SACA SACA SACA SACA SACA SACA SA		19941		20 60 60 60 82 82 82 82 82 82 82 82 82 82 82 82 82	1946
# # # # # # # # # # # # # # # # # # #	**************************************	****	****	******	****
# CO		## ## ## ## ## ## ## ## ## ## ## ## ##		M M M M M M M M M M M M M M M M M M M	11 12 12 12 12 12 12 12 12 12 12 12 12 1
K		********			****
E COCC	**************************************	DO HERD IN NOW O MININ	M 4 4 W N 2 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	99999999999999999999999999999999999999	2000 2000 2000 2000 7000 7000
****	*****	****	*******	******	****
REEC .		4 60 00 00 00 00 00 00 00 00 00 00 00 00		24 44 24 44 24 44 24 44	3172 1673 1673 1673 1673 1673
	*	*****	*******	******	***
E	K 0 10 d 2 d 0 M K 0 10 d 2 d 0 M K 0 10 d 2 d 0 M K 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M M M M M M M M M M M M M M M M M M M	M W 4 4 40 00 00 00 00 00 00 00 00 00 00 00	19960 0 000 0 000 0 000 0 000	N 00 11 10 10 11 10 10 11 10 10 11 10 10
* EU	* * * * * * * * * * * * * * * * * * * *	****		********	* * * *
**************************************	7 176 P 3176 P 3176			00 00 s. 441 s. 60 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *	*		*****	*****	****
EATHTUDE CO. ACT OF CO	**************************************	2001 111 70 400 20 400 20	4 4 4 048 14 984 904 4 • • 8 • • 8 0 800 9 6 0	80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 37.1 4 12.1 12265
	k 3 6 4 6	40. 40. N.a. 40.0	40 40	30 30 60 80	* * * * * * * * * * * * * * * * * * *
AND TO NO A PRIMARY CONTRACTOR AND	DIALETTO DIE EING RIVERS AND	* * * * * * * * * * * * * * * * * * *	WER COMPANY OTTERTAIL ER CO ALLS ALLS W L DEPT	CCCGUET ** T CC ** T CT T CC ** T TREBAINY RIVE* TO POWER CO**	* MNINCSOLUGE * GARTELL MISSOLUGGIFFI * * MNOOSOS * SOTERANG NATERIA MISSOLUGGIFFI * * * * * * * * * * * * * * * * * *
PRIMARY CO	MUNICAL MARKANA MARKAN	LITTLE FALLS MORPISON MN POWER AND HOOT LAKE	4 D	MALAND LAKE MINN PER + LT MINN	AC SIGNATURE SERVICE S
**************************************	M NOO00111	* • • •	T T T T T T T T T T T T T T T T T T T	TONCOOLURA	MNINCSOLUS MNOOSOUS P DNC I

DATE 19 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.43 PAGE 108 OF TABLE 1

TATION OF THE PROPERTY OF THE	在在安全市中的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的企业的	有效条件	1987	1933 1933 1933 1933 1933 1933 1933 1933
A * * * * * * * * * * * * * * * * * * *	**************************************	* * * * * i	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100-00-00-00-00-00-00-00-00-00-00-00-00-
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *
MIN A	# 000001 # 000001	# # # # # 00 00 00 m n	UN 00 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #		M N N 4 N O 0 0 O O	* * * * * 000° 090° M00°	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# + E	00 00 00 00 00 00 00 00 00 00 00 00 00	T C M	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* * * * * * * * * * * * * * * * * * *	24.00 M 24.00 M 20 M M 20 M M 20 M	4 C C C C C C C C C C C C C C C C C C C	24 th	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
THE STANDARD	E HOTH NOW HOW IN	KE ZUMBRO RIVER A	AINNESONA CHINE AINSONA CHINE	LOCK 7 LA CREGCENT, TN & MINOSIOGIPPI & MINOSIOGIPP
4 CC 4 4 CC 4 CC 4 CC 4 CC 4 CC 4 CC 4	STEARNS CITY OF	ZUMBRO LAKE MABASHA ROCHESTER CITY	LOCK SI EINONA DAEN NCS	LOCK 7 WINDNA DAEN NCS
######################################	* MNANCSOSSO * ST CLOUD * MNOOSO6 * STEARNS * S DRC I * CITY OF	A MINCOSOCCA A MOOOUS A MOOOOUS A MOOOUS A MOOOUS A MOOOUS A MOOOUS A MOOOUS A MOOOUS A MOOOO		A MNANCOGOG & LOCK 7 A MNOOSG7 & MINONA A UN DAC O & DAGN NCG

S C A L E DEVELOPMENT 8 M A L L AUDITIONAL X 33 05 07 × 33 O Z b. я. С CAPACITY STATE POTENTIAL ш 1 ECTRIC Z ن 4 ا 0 6 . > I Q >

F 0 F	* * *	4 4				4	Z .		OK :	G A	æ ≻ ⊢	60					
) _ < + + +	***		* Z	在水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水	K K K K K K K K K K K K K K K K K K K	k k k k k	* * *	10 M M M M M M M M M M M M M M M M M M M		# #	* I * O * M	大 女 女 女 女 女 女 女 女 女 女 女 女 女 女 女	* * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*** ***	* * * * * * * * * * * * * * * * * * * *	* * * * *
	* * * * * .	RANKAN A HONON A ANA ANA ANA ANA ANA ANA ANA ANA A	* * * * * * * * * * * * * * * * * * *	ARRAGARARARARARARARARARARARARARARARARAR	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# W W W W W W W W W W W W W W W W W W W	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * + Q * * Q * Q * Q * Q * Q * Q * Q *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* F Z O	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* + 0 + 4 + 0 + 4 + 0 + 4 + 0 + 0 + 0 + 0
	**************************************											* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* O * O * * O * * O * * O * * O * * O * * O * * O * * O *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# 0 e :
	k -				ik K	* * * * * 0 * 0 *						* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	#
	F 4			X 4									X	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *				* •0								* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* O a * O a
= = = = = = = = = = = = = = = = = = = =	k R****** E OZ>>											K + + + + + + + + + + + + + + + + + + +	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	
	LEC 1		CREALL X	10 CAPAC TAL CAPAC CAPAC		T EXISTING DA STATE TO THE CONTROL OF THE CONTROL O	K _≥		2	- X X Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	*	× 40°	CAPACITY (SUM DIVEN HEAD RANGE GIVEN HEAD RANGE GIVEN HEAD RANGE		REPRESENTED TO THE PROPERTY OF	*	

DEVELOPMENT AUDITIONAL > 0 x w ≥ w 3 13 14 N O POTENTIAL CAPACITY PHYSICAL ပ æ **>**

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.44

# # # # # # # # # # # # # # # # # # #		***
A CACACA MONTON A SACACA MONTON MONT		年 0000 年 100 1000000 年 100 1000000 年 100 100
# FO (T T T T T T T T T T T T T T T T T T		## ## ## ## ## ## ## ## ## ## ## ## ##
TATOM CENTER OF THE PROPERTY O	### 0 MM 1 MM 1 MM 1 MM	* OMMINU * OMMOUT * OMMOUT * OMMOUT *
A CASH A CHARLES A CASH	# # # # # # # # # # # # # # # # # # #	4 4 4
**************************************	22.45.0 2.45.0 2.14.4 4.4.4	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
在	10 00 00 00 00 00 00 00 00 00 00 00 00 0	# 104 9.44 # CR # 1990 W # 1980 W # 1990 W # 199
**************************************	00 00 00 00 00 00 00 00 00 00 00 00 00	
* * * * * * * * * * * * * * * * * * *	M 60	
本語・「National Original Original Original Andropaga and andropaga androp	CHICKAGAELA	* MSCLMXO111 & ENID DAM * MSC1495 * YALDSUSTA YOCONA RIVERS * D DRC * DAMB LAK * R DRC * DAMB LAK ************************************
**************************************	CHOSSION CHOSSION CONC.	TALCOCOTA
* * * * * * * * * * * * * * * * * * *	A TOGOSANOIGE A EAVERSON A TOSOOON A WAVER A TOSOOON A WAVER A TOSOOON A A A A A A A A A A A A A A A A A A	* MSCLMXO111 & MNID DAM * MSC1490 * YALCBUSH * 10 DRC * DAMN LXX ***********************************

· · DEFINITION PROPERTY · · ·

SCALE DEVELOPMENT 3 × × 5 ADDITIONAL o z v 54. () STATE р. С. CAPACITY POTENTIAL III II HYDROELECTRIC z PHYSICAL

* *	*	1		在 ED 000 在 ERE 在 0004 日 在 0004 日	* ** * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	** * * *
假性食 化食 化 食 化	***	TANDERA MANA MANA MANA MANA MANA MANA MANA MA	* •0	* * * * * * * * * * * * * * * * * * *		****	* * * * * * *	# # 00 # # AN ON A
**	*********	EXTONS INCOME	*	* SO	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	** ***********************************
**	* * * * * * * * * * * * * * * * * * * *	EX # # # # # # # # # # # # # # # # # # #	* * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* 0 0	* * * * * * * * * * * * * * * * * * *	* * * W T S)
**	***	## HOUSE ### ################################	****** * * * * * * * O * * C *	****** ****** * 0 * * 0 * 0	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************
K K K K K U K U	***************************************	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * O * * O * * O * * O *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* HB
ITY RANGE	***	**************************************	* * * * * * * * * * * * * * * * * * *	* * * 0	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*
CAPACITY	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * * *			* * * * * * * * O * * O *	* * * * * * * * * * * * * * * * * * *	* 4
REMENTAL	***	4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	* * * * * * * * * * * * * * * * * * *	*	* ** * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	M	**
	* Σ	W D C X X X X X X X X X X X X X X X X X X			****	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*
POTENTIA		**************************************		k N ↔ •N ÷ • + + + + + + + + + + + + + + + + + + +	* ** * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	
1			* * * * * O O	0 0	***** C *O O			K
• • • • •		1	* •0 1	****	: 4		M	* * *
* * * * * * * * * * * * * * * * * * *	3	DUDEN CAR	* * * * *	****	****	* * * * *	* * * * *	CAPACII X
***************************************	3. 3. 0.	(F & C +	* * * * *		**************************************	* * * * *	##### #140 # #0 #	TALLED REMENTA
*****	**************************************	EXTOT* 1 CAP*	* * * * * * 0	*****************	* * * * * *	* * * * *	* * * * * * * * * * * * * * * * * * *	แแ ⊷ณ
* * * * * * * * 3 	20 0 4.10 4.10	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	CAPCTY*			NWN COLUMN
EM < ∪	F. W	*	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	O *	* WON * * * * * * * * * * * * * * * * * * *	

ADDITIONAL 0Z 03 POTENTIAL

DEVELOPMENT > 0 0 1 1 1 1 HYDROELECTRIC

•
800
5
40
×
ta.
0
in in
₩
,
Ø3
L.
-
Z:

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.43 PAGE 109 OF TABLE 1

これはつひまり	K K K								1
20240	*					o [*]			
	E E T T T T T T T T T T T T T T T T T T					•			1
C KEDS	# # #								
						•			1
* * * * * * * * * * * * * * * * * * *	* * * * *	****	****	****	****	****	****	* * * * *	***
	# # # # # # # # # # # # # # # # # # #	66	4984.9 554.86	5. 5. 6. 6.	66	W W W W W W W W W W W W W W W W W W W	00	40 TO 10 TO 10 TO 10 TO	5710.8
36 00	4 0 0 4 0 0		2 K	199		7.6		3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	10 to
ZZ U		****	****	****	****	****	****	****	****
200 200	000	000	0 0 0 0 0 4 4	088	40 80 44 0 44 0 44 0 44 0 44 0 44 0 44	0 2974 2974	1802	0 0 4 4 0 4 4	000
PER MISS	99	20477	ec ec	347 747	e e	W W	15 E		0.0
XZD	k K								
* * * * * *		909	omm omm	* * * * * *	200	055	202	0 NI NI 0 NI NI	240
440	K 0 0 0	160000	570	44	3000	24367 24367	45200 0 45200		0 44 0 14 14 10 10 10 10 10 10 10 10 10 10 10 10 10
F	K	4 4							
XZC WHF	k k								
- 2 C	K O O Ø	001	000	000	000	000	000	000	000
A C T T T T T T T T T T T T T T T T T T	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	96.0 2000 47.3	V 4 4	110.0 66.9	20°0 000009 27°0	9 9	138	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 000 000 000
X X X X	k K		**				16	****	
**	* * * *	****	* * * * *	****	****	* * * * *	* * * * *	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	
1 m G	* •		•	10 0		Ň	or or	19	4
1	* M * M * M		321.	1.25.5	627	9 4 2 5	1049	8 1 1 1 M	# # # # # # # # # # # # # # # # # # #
A VERNER OF COLORS	* 10	CHR UC 7393	321	1 5 8 8 8	7	1 9 4 2	. 5	t to	** * * * * * * * * * * * * * * * * * *
******** *****************************	* Min	* * * * * * * * * * * * * * * * * * *	* * * * *	* * * * * * * * * * * * * * * * * * * *	***** FO.	****	#### 100 100 100 100 100 100 100 100 100	* * * * * *	****
	* Min	* * * * * * * * * * * * * * * * * * *	8.0 * C 0.0 * 16 182 * = 321	20 20 00 00 00 00 00 00 00 00 00 00 00 0	60.00 60.00 60.44 60.07 60.07 60.04	# # # # # # # # # # # # # # # # # # #	#### 100 100 100 100 100 100 100 100 100	α 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	****
A M M M M M M M M M M M M M M M M M M M		8 15.9 * CHR 3 23.8 * UC 11500 * 7393	6 W& O & O & O & O & O & O & O & O & O &	66 42 90 44 45 10 10 10 10 10 10 10 10 10 10 10 10 10	7.056.02 A M M M M M M M M M M M M M M M M M M	# # # # # # # # # # # # # # # # # # #	7 41.4 # CH 3 45.4 # DP 1160 # 1049	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	80 m 80 m 80 m 80 m 80 m 80 m 80 m 80 m
A * * * * * * * * * * * * * * * * * * *	A WARANA KARAKA	15.9 * CHR 23.8 * UC 11500 * 7393	1000 A 100 100 100 100 100 100 100 100 1	24 M M M M M M M M M M M M M M M M M M M	4 W V V V V V V V V V V V V V V V V V V	4 4 5 6 6 1 0 0 4 4 4 5 6 6 1 0 0 0 4 4 4 5 6 6 1 0 0 0 4 4 4 6 6 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	41.4 * CH 45.4 * OP 1160 * 1049	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * 37 150 * 4 * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
AM AMANA CONSTRUCTIONS CONSTRU	**************************************	* 38 15.9 * CHR * 93 23.8 * UC * 11500 * 7393	10	* * * * * * * * * * * * * * * * * * *	IVER 4 92 51.0 4 0P	# # # # # # # # # # # # # # # # # # #	# WY 41.44 # CH # 9W 45.44 # CF # 11.60 # 09049	# WAY 0.00 # # CO X # C	# 6 * 00
AM AMANA CONSTRUCTIONS CONSTRU	**************************************	* WG 15.9 * CHR * 98 28.6 * UC * 11500 * 7893	10	# # # # # # # # # # # # # # # # # # #	A MV 156-2 A I AIVERA 90 513-0 A DP A 657 A 657	# # # # # # # # # # # # # # # # # # #	# WY 41.44 # CH # 9W 45.44 # CF # 11.60 # 09049	TREET + 90 9 + 10 TREET + 90 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	# 6 * 00
AM AMANA CONSTRUCTIONS CONSTRU	**************************************	RIVER # 93 23.6 # CHR RIVER # 93 23.6 # UC # 11500 # 7393	THE THE ME WE WE O TO THE	# # # # # # # # # # # # # # # # # # #	A MV 156-2 A I AIVERA 90 513-0 A DP A 657 A 657	# # # # # # # # # # # # # # # # # # #	A 37 41.4 A CH A 1VER B 98 45.4 A OP A 1160 A 1049	TREET + 90 9 + 10 TREET + 90 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	# 6 * 00
AM AMANA CONSTRUCTIONS CONSTRU	**************************************	RIVER # 93 23.6 # CHR RIVER # 93 23.6 # UC # 11500 # 7393	10	* * * * * * * * * * * * * * * * * * *	A MV 156-2 A I AIVERA 90 513-0 A DP A 657 A 657	# # # # # # # # # # # # # # # # # # #	# WY 41.44 # CH # 9W 45.44 # CF # 11.60 # 09049	# WAY 0.00 # # CO X # C	# 6 * 00
AM AMANA CONSTRUCTIONS CONSTRU	**************************************	RIVER # 93 23.6 # CHR RIVER # 93 23.6 # UC # 11500 # 7393	THE THE ME WE WE O TO THE	DIACK RIVERS & SOURS & SURGER	NIANGUA RIVERA 92 51.00 * 0P	A DESTRUCT TO THE SE	* 37 41.4 # CH SAC RIVER # 98 45.4 # OP # 1160 # 1049	FINLEY CREEK # 90 9-44 # 10 FINLEY CREEK # 90 9-44 # 16	# 6 * 00
AM AMANA CONSTRUCTIONS CONSTRU	**************************************	TRUMAN DAM * 36 15.9 * CHR DSAGE RIVER * 93 23.8 * UC * 11500 * 7393	A MG MG.O A LO CANE CREEK A 40 MG.O A 100 MG.C A 100 MG	DIACK RIVERS & SOURS & SURGER	DAM NIANGUA PIVERA 92 51.0 4 DP	A DESTRUCT TO THE SE	1.4KE	FINLEY CREEK # 90 9-44 # 10 FINLEY CREEK # 90 9-44 # 16	# 6 * 00
AM AMANA CONSTRUCTIONS CONSTRU	**************************************	TRUMAN DAM * 36 15.9 * CHR DSAGE RIVER * 93 23.8 * UC * 11500 * 7393	L CANE CREEK * 90 MO.O. * 10 TO	# 36 46°9 # # 36 46°9 # # 36 46°9 # # 36 46°9 # # 3126°0 # # 120°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # # 126°0 # # # 126°0 # # 126°0 # # # # 126°0 # # # # 126°0 # # # # 126°0 # # # # 126°0 # # # # 126°0 # # # # # # # # # # # # # # # # # # #	DAM NIANGUA PIVERA 92 51.0 4 DP	CREEK CURRENT RIVERS 90 109.04 # 159400 CURRENT RIVERS 90 109.04 # 159400 # 159400 # 159400 # 159400	1.4KE	FINLEY CREEK # 90 9-44 # 10 FINLEY CREEK # 90 9-44 # 16	# 6 * 00
TANAMANANANANANANANANANANANANANANANANANA	**************************************	TRUMAN DAM * 36 15.9 * CHR DSAGE RIVER * 93 23.8 * UC * 11500 * 7393	L CANE CREEK * 90 MO.O. * 10 TO	# 36 46°9 # # 36 46°9 # # 36 46°9 # # 36 46°9 # # 3126°0 # # 120°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # 126°0 # # # 126°0 # # # 126°0 # # 126°0 # # # # 126°0 # # # # 126°0 # # # # 126°0 # # # # 126°0 # # # # 126°0 # # # # # # # # # # # # # # # # # # #	DAM NIANGUA PIVERA 92 51.0 4 DP	CREEK CURRENT RIVERS 90 109.04 # 159400 CURRENT RIVERS 90 109.04 # 159400 # 159400 # 159400 # 159400	1.4KE	FINLEY CREEK # 90 9-44 # 10 FINLEY CREEK # 90 9-44 # 16	# 6 * 00
TANAMANANANANANANANANANANANANANANANANANA	ANGANGANGANGANGANGANGANGANGANGANGANGANGA	* HARRY G. TRUMAN DAM * 38 15.9 * CHR * BENTON 08AGE RIVER * 93 23.8 * UC * DAEN MRK * 11500 * 7393	A MG MG.O A LO CANE CREEK A 40 MG.O A 100 MG.C A 100 MG	* * * * * * * * * * * * * * * * * * *	* NIANGUA DAM * NIANGUA RIVERA 92 51.0 * DP * SHO ME POWER CORP * 627 * 627	A MO MER A TER CREEK CAREEK A MO MESA A A CARTER CAREEK CLERENT RIVERS 90 M9.W H 45942	* STOCKTON LAKE * ST 41.4 * CH * CEDAR SAC RIVER * 93 45.4 * OP * DAEN MRK * 1160 * 1049	A FINIEY CREEK A 37 20.9 A C R A CHRISHIAN FINIEY CREEK A 93 9.44 A 18 A A A A A A A A A A A A A A A A A	# 6 * 00
A CONTRACTOR OF THE CONTRACTOR	A A A A A A A A A A A A A A A A A A A	* HARRY G. TRUMAN DAM * 38 15.9 * CHR * BENTON 08AGE RIVER * 93 23.8 * UC * DAEN MRK * 11500 * 7393	**************************************	* * * * * * * * * * * * * * * * * * *	* NIANGUA DAM * NIANGUA RIVERA 92 51.0 * DP * SHO ME POWER CORP * 627 * 627	A MO MER A TER CREEK CAREEK A MO MESA A A CARTER CAREEK CLERENT RIVERS 90 M9.W H 45942	* STOCKTON LAKE * ST 41.4 * CH * CEDAR SAC RIVER * 93 45.4 * OP * DAEN MRK * 1160 * 1049	A FINIEY CREEK A 37 20.9 A C R A CHRISHIAN FINIEY CREEK A 93 9.44 A 18 A A A A A A A A A A A A A A A A A	# 6 * 00
A CONTRACTOR OF THE CONTRACTOR	A A A A A A A A A A A A A A A A A A A	* HARRY G. TRUMAN DAM * 38 15.9 * CHR * BENTON 08AGE RIVER * 93 23.8 * UC * DAEN MRK * 11500 * 7393	**************************************	* * * * * * * * * * * * * * * * * * *	* NIANGUA DAM * NIANGUA RIVERA 92 51.0 * DP * SHO ME POWER CORP * 627 * 627	A MO MER A TER CREEK CAREEK A MO MESA A A CARTER CAREEK CLERENT RIVERS 90 M9.W H 45942	* STOCKTON LAKE * ST 41.4 * CH * CEDAR SAC RIVER * 93 45.4 * OP * DAEN MRK * 1160 * 1049	A FINIEY CREEK A 37 20.9 A C R A CHRISHIAN FINIEY CREEK A 93 9.44 A 18 A A A A A A A A A A A A A A A A A	# 6 * 00
A CONTRACTOR OF THE CONTRACTOR	**************************************	* HARRY O. TRUMAN DAM * WG 15.9 * CHR * BENTON OSAGE RIVER * 93 23.8 * UC * DAMN MRK * 11500 * 7393	10107 * HARVIELL * 36 38.0 * C 0198 * BUTLER CANE CREEK * 90 30.0 * 18 RC 1 * 182 * * 321	* 36 48 9 * * 36 48 9 * * 36 48 9 * * 36 48 9 * * 36 48 9 * * 36 48 9 * * 36 48 9 * * 36 48 9 * * 36 48 9 * * 36 48 9 * * 36 48 9 * * 36 48 9 * * 36 48 9 * * 36 48 9 * * 36 48 9 * * 36 48 9 * * 36 48 9 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	DAM NIANGUA PIVERA 92 51.0 4 DP	A ME DREEK CREEK CLERKENT RIVERS 90 199.33 x 15942	STOCKTON LAKE * 37 41.4 * CH CEDAR SAC RIVER * 93 45.4 * OP DAEN MRK * 1160 * 1049	A STAILEY CREEK & 37 2.9 * C ROST CREEK * 93 9.44 * 18 RC I * 153 * 153 * * 155 * * * * * * * * * * * * * * * *	BRIDGE A STVED & ST. 150.9 A CAMES RIVER & 93 19.9 A Edus

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.16.43 PAGE 110 OF TABLE 1

	****	* * * * * * * * * * * * * * * * * * *	98 # 1040 57 # 1036 1040	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	***	****	*6 * * 106 W ** 106 W	# # 10%0 6 * 10%0	# # # # # # # # # # # # # # # # # # #
644 FNERS 64 COS 65 4 (1000 65) 4 (1000 65	大学の大学のでは、	W	M. 41 60 C) 60 G	80 24 CF 11 CF 11 CF	5782 7067	110000000000000000000000000000000000000	(1) (1) (2) (3) (4) (4) (5) (4) (5) (4) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6)	2702s 18,97	1988. 22.11
# # R X I GO	444444444444444444444444444444444444444	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		0 M M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0	1449 1449 1449 1449 1449 1449 1449 1449	100 100 100 100 100 100 100 100 100 100	14244 14244 14244 14344 14344	00000000000000000000000000000000000000
H M M M M M M M M M M M M M M M M M M M	# O (1) (1) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	0 3 3 0 m m	360 A A A A A A A A A A A A A A A A A A A		0.00 0.44	0 0 0 7 7 7 7 9 0			(**** OMM 37mm 19mm 19mm
**************************************			* * * * 1	00 00 00 00 00 00 00 00 00 00 00 00 00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	69 69 69 69 69 69 69 69 69 69 69 69 69 6		44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	UI 0
# # # # # # # # # # # # # # # # # # #	**************************************		*	4 4 1 2 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# * * * * * * * * * * * * * * * * * * *	2	2	# UP # # # # # # # # # # # # # # # # # #
CONSTRUCTOR *** CONSTRUCTOR	***********************************	M 0-	00000000000000000000000000000000000000	M O	37 7 1 94 21 4 207	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	40 8.5 91 30.7 134000	149 90 411 148000	38 47.9 90 11.9 700910
NO * PRIMARY CO. TINAME OF STREAM COE * CONNER CO. * CONN	ATTITUTE STATES AND	STATION JAMES RIVER	TERRE LAKE POMME DE TER	E CONTRACTOR	V BEGERVOIT	A COLD ONIGHT	* * * * * * * * * * * * * * * * * * * *	A TEGINORIONIA * TEGINORIONIA *	A NUTCH NY NOTON'S AND SOUTH NOTON'S N
. Σ . Σ 		F 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	D TOOM TO	A SOUTH A SOUT	O A DO S O S O S O S O S O S O S O S O S O	WACO RESERVOID LASSER DAEN SET	MIGG L+DBO LHBAG LARKO DARKO	LOCK AND D Lincoln Slo	LOCK 27 MADISON SLD
A A A A A A A A A A A A A A A A A A A	MOTOWIOSTICS AND STATE OF COLUMN TO THE COLUMN TO THE COLUMN TO THE COLUMN TH	MOGUE DITO	MUNCHARKOOV6 **	# # MONON MO	MOGOWIOSSIG A MOUOTO! A MO	MOSOKTOPUS MOUO1255 & WCP I & S	MDANCROOTY A HOLOWOW A H DRC A H	MUALMSOOS1 ** MU10301 ** O DRC D **	MOALMOOOVU & MOJONOOVU & MOJONOOVU & O ORA O & ARARRARARARARARARARARARARARARARARARAR

A CONTRACTOR SANGERS AND CONTRACTOR CONTRACT		****	****	****	****	****	****	****	
**************************************		N W W W W W W W W W W W W W W W W W W W	444 0.00 0.00 0.00 0.00 0.00 0.00 0.00	60 M 60 M 60 M 60 M 60 M 60 M 60 M 60 M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	136.0 136.0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		80 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -
*****	4 1 6 7 1 8 4 8 4 8 4 8 4 8 8 8 8 8 8 8 8 8 8 8	44 44 00000 0000 00000 00000 00000 00000 0000	* * * * * O ~ ~ O O M M O O	SERRE OMPI OMPI OMPI OMPI OMPI OMPI OMPI OMPI	44 00 00 00 00 00	M W W W W W W W W W W W W W W W W W W W	10 10 10 10 10 10 10 10 10 10 10 10 10 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
**************************************		172000 130000 302000	**************************************		6.00 0.00 0.44	# # # # # O M M O O O O O O	******	444 444 4444	1.7887. 1.7887. 1.7887.
## ## ## ## ## ### ### ###############	# 4 4 # #	19927000 11972000 117000 117000	4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10000000000000000000000000000000000000	0 0 0 0 0
######################################	**************************************	0.0189 9810.04	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 T T T T T T T T T T T T T T T T T T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	*****	* * * * * * * * * * * * * * * * * * *	# # # # 0 37 10
######################################	**************************************	9810.0	260.2	076.7	7.91	ି ଷ ୬	794.7	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
A CONTINUE A PARTICION A CONTINUE	**************************************	AIVER # 90 10.65 # IR 14.000 # 0810.0	TREEX * 94 100 * 81	CREX + 94 M6.4 + 91 + 400 + 40	# 36 54,4 # CSRU AL CREEK # 94 7.9 # SI # 141 # *146.7	# M5 400.0 # # W1 100.0 # # 91 100.0 # # 91 100.0 # # 91 100.0 # # 910.0 # # 910.0 # # 910.0 # # 910.0 # #	# 36 42.0 # # DOINT # 91 11.9 # #794.7	A NA WA WA WA WARRAN WA	* WG WG * A WG GG
A CONTINUE A PARTICION A CONTINUE	EXECUTE A COUNTY A A	# 400 W 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 46 UN6 * CONTO	4 37 N°S 4 1620 4 4 36 4 4 61 4 4 166 4 4 61 4 4 166 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 36 54.4 * CSRC * 94 7.9 * SI * 141 * *146.7	* * * * * * * * * * * * * * * * * * *	4 46 40 0 4 4 91 15 9 4 4 94 8 4	N + C C C C C C C C C C C C C C C C C C	* 36 M0 00 * * 4 00 M0 00 * * 4 00 M0 00 * * 4 00 M0 00 * *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,44

**************************************	なった。 ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	10016	1047	****	***	****	****		
****	を表をなるのだだ。 で でのだだい で で のだだい	urar Nu sa Nu sa Nu Nu sa Nu s	10 10 10 10 10 10 10 10 10 10 10 10 10 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	200 200 200 200 200 200 200 200 200 200	6367 ° 7 ° 8 ° 104 ° 4 ° 7 ° 8 ° 104 ° 4 ° 104 ° 4 ° 104 ° 4 ° 104 ° 4 ° 104 ° 4 ° 104 ° 4 ° 104	200 200 200 200 200 200 200 200 200 200	12671 80.756 8 80.756	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
######################################	# X OM 30 00 00 00 00 00 00 00 00 00 00 00 00		* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *			15691 15691 15691 1501 1501 1501 1501 1501 1501 1501 15	######################################
# # # # # # # # # # # # # # # # # # #	**************************************	# # # # # # # # # # # # # # # # # # #	2008 2008 2008 2008 2008 2008	SU 4440	C 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		300000 000000 0000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #
* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	000 37F-39 39 000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 00 6 0 16 0 7 0	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * * * * * * * * * * * * * * * * *	******	N 000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N TO TO TO TO TO TO TO TO TO TO TO TO TO	**************************************	****		# # # # # # # # # # # # # # # # #	***********	100 H
*0	* *								
		000 000 000 000 000 000 000 000 000 00	19 36 22 x 491 14 e-7 x 4137 500 x 4	00 00 00 00 00 00 00 00 00 00 00 00 00	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	V 00 00 00 00 00 00 00 00 00 00 00 00 00	# # # # # # # # # # # # # # # # # # #	36 98 99 99 98 98 98 98 98 98 98 98 98 98	# O * M O O O O O O O O O O O O O O O O O
# # # # # # # # # # # # # # # # # # #	* ON * * * * * * ON * * * * * *	AS A TOTAL SOLLOSIA AS 400 AS 100 AS	A SAC NOT REAL TRACES	2 2 8 2 8 3 9	LO O		R DAM RAWT FORK BLAF 90 49.	4 N V 0 V O	900 # # # # # # # # #
# # # # # # # # # # # # # # # # # # #	HOLLOW NORTH FORK RIE 920	OD A REPORTED BEING THE STATE OF THE STATE O	M 6	* * * * * * * * * * * * * * * * * * *	700 XX 80 XX 80 40 40 40 40 40 40 40 40 40 40 40 40 40	A I VERA * * * * * * * * * * * * * * * * * * *	BLA * # 40 49 9 9	RIVER* 36 40 * 400 SE	BLACK # 190

* CONTR	你还有你家会你家你你你你你你你你你你你你你你你你你你你你你你你你你你你你你你你你		* * * * *	****	****	****	****	****	***
	k k k k k k k k	****	****	****	****	****	****	****	***
A # # # # # # # # # # # # # # # # # # #	**************************************	1712 4	2869*1 147*98	5603 164.59	1.900 as 4.000 as 4.0	5901 849.60	761.38	00	15 15 16 16 16 16 16 16 16 16 16 16 16 16 16
**************************************	K K K K K K K K K K K K K K K K K K K	MW 00 WW 00 W0 W	*****	2.2 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6 WC C C C C C C C C C C C C C C C C C C	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	30 00 00 00 00 00 00 00 00 00 00 00 00 0	444717 * 444717 * 444717 * 4	27 da 7 da
* 0 0 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	######################################	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* * * * * * * * * * * * * * * * * * *	4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* # * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * *	**************************************	213.0 # 1499000 # 173.8 # # 4	14 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.00	44 4 4 4 4	10000	10 00 00 00 00 00 00 00 00 00 00 00 00 0	4460000 44 44 44 44 44 44 44 44 44 44 44 44	100.00 x 100.00 x x 100.00 x x x 0.00 x x 0 x 0 x 0 x 0 x 0 x
# # # # # # # # # # # # # # # # # # #	4	* * * * * * * * * * * * * * * * * * *	* * * * *	~ * * * *	****	*****	* * * * * *	****	7.3
**************************************	* * * * * * * * * * * * * * * * * * *	1.00 0.00 0.00 0.00	10 00 00 10 10	M Q G B	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * *	** * * 1177 ° W
######################################	* * * * * * * * * * * * * * * * * * *	M T T T T T T T T T T T T T T T T T T T	20 M	NO 00 100 100 100 100 100 100 100 100 100	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0 0 0 4 W W W W W W W W W W W W W W W	W6 49.9 * TR	14 15 0	36 59.0 a 90 30 3 4 90 310 4 9117
**** * LATITUDE * LONGITUDE * DR. AREA * (D M.M) * (GG. MI) * (GG. MI)	* * * * * * * * * * * * * * * * * * *	C # # # #	80 60 - 64 - 40 60 - 4 4 4 4 4		00 00 00 00 00 00 00 00 00 00 00 00 00	2 4 4 4 4	**************************************	* 36 35.7 * CH * 493 18.5 * EUS9 * 4020 * EUS9	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	TORX ***	* * * * * * * * * * * * * * * * * * *	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CARRES 4 WG 4 CO = CO	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	A MS MS A CH A C	# 36 59.0 # # # # # # # # # # # # # # # # # # #

DATE 15 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,44

THE DISCRIPTION OF THE PROPERTY AND A COLUMN AND A CASE A CASE AND A COLUMN AND A CASE AND A COLUMN AND A CASE AND A COLUMN A CASE A CA	*****************	***************************************
ANUL # CORT # # CORT # # CORT	**************************************	799880 1260sc
**************************************	**************************************	# 100001 # 0600 # 100001 # 10000 # 100001 # 10000
######################################		4 0070 4 0070 4 0070 4 0070 4 0070 4 0070 4 0070 4 0070 4 0070
A A C C L L L L L L L L L L L L L L L L	* * * * * * * * * * * * * * * * * * *	# 160°0 # # 160°0 # # 0 °0 °0 °0 °0 °0 °0 °0 °0 °0 °0 °0 °0 °
*LATITUDE *PROG.PURP.* DAM INT. *LONGITUDE * STATUS *RIX.SGTOR.* * DR.AREA * AVE. G *PRR. HO. * (D M.M.) * (RT) * (O M.M.) * (RT) * (O M.M.) * (CTS) * (RT) * (GO.M.) * (CTS) * (RT)	0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	# # # # # # # # # # # # # # # # # # #
LONGITUDE LONGITUDE DR.ARD CO M.S. (CO M.S.)	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
**************************************		* * * * * * * * * * * * * * * * * * * *
######################################	* MOILHMOO18 * MAPPAPELLO DAM * MOSCOC4 * MAYNE * P DRC I * DAEN LMM * *	A MOBSWIOLUGG & COUNTY LING A MOUO1944 & MERGYTER CAMES RIVER F U DRC I & RARRARARARARARARARARARARARARARARARARAR
## ## ## ## ## ## ## ## ## ## ## ## ##	* MOILMMOO18 * EAPPAPELL * MOSO204 * WAYNE * DRC M * DAEN LWM * *	MOSSMLO135 % COUNTY LINE * MOUO194 % WERNTER * S DRC I & KRARERERERERERERERERERERERERERERERERERER

. . PRELIMINARY ESTIMATE . . .

SCALE D E V E L O O X E N X A 8 M A L L > 00 0X W Z W ADOITIONAL O. O Z 9 T A T 6X 63 64 CAPACITY POTENTIAL T E HYDROELECTRIC T A D I S A H G

被放弃者的有效的现在分词的现在分词形式的现在分词现在分词形成的现在分词形式的现在分词	: 14 : 4	10 10 10 10 10 10 10 10 10 10 10 10 10 1	CALGIA UNDECA TOTA INCER POTENA HAC	M	20 42 00 42	0 47 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 0 4 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************	IM DF COLUMNS & AND 3) ANGE (MEGAMATT) (GE (GIGAWATT=HOUR)
1	K K K K K K K K K K K K K K K K K K K	O	ALCONTA A A A A A A A A A A A A A A A A A A	* * * * * * * * * * * * * * * * * * *	M	4 W 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	100 * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	***	4	# # # # # # # # # # # # # # # # # # #	# 00 # # 00 # # 00 #	0	****** Ulm * NUO *	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0	000>
RANGES	化基金基金基金基金基金基金基金基金基金基金基金基金基金基金基金基金基金基金基金	10 m	A C C A A A A A A A A A A A A A A A A A	* * * * *	0 8	(1) O 0 4	* * * * *		A DI CI
CAPACITY RA	在我我在我我的	3 E	**************************************				* * * * *	****	# * * * * * * * * * * * * * * * * * * *
-J	***	* * *	A T T T T T T T T T T T T T T T T T T T	# 10.4 # 0.0	****	- 0	* * * * * * * * * * * * * * * * * * *	**************************************	A
IAL INCREMENT	经验证证证证证证证证证证证证证证证证证证证证证证证证证证证证证证证证证证证证	10 ME	CONDER TANGET OF CONTRACT OF C	*	****	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	** * * * * * * * * * * * * * * * * * *	** B SH
POTENTIAL	化学女女女子女子女子女子女子女子女子女子女子女子	ED.	**************************************	* NA * * * * * * * * * * * * * * * * * *	**************************************	* 00 * 00 * 00 * 00 * 00	# O # A # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
	# # # # # # # # # # # # # # # # # # #		** * * * * * * * * * * * * * * * * * *	* C * C * C * C * C * C * C * C * C * C	* * * * * * * * * * * * * * * * * * *	* 0	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
E E K K	4	**************************************	**************************************	10 10 10 10 10 10 10 10 10 10 10 10 10 1	**************************************	* * * * * * * * * * * * * * * * * * *	# N 3	* * * * * * * * * * * * * * * * * * *	# 4 000 # HOP # H
化苯酚 医医克勒氏 医克勒氏 医克勒氏 医克勒氏 医克勒氏 医克勒氏 医克勒氏 医克勒		*****	* > 0	**************************************	* 0	* 0	* *0	*	* 5 J
我我我我我我我我我我我我我我我我我		在 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	0	* *	* 201	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	T T T T T T T T T T T T T T T T T T T
* *	* 3	*	* * * * * * * * * * * * * * * * * * *	U * 0	* *	*	*	*	A * * * * * * * * * * * * * * * * * * *
ik ik		> → <	אר אר אי	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * *

OEVELOPMENT ADDITIONAL N V I N O E > Œ ax w z OX CO <u>в</u>. 2 **ta**. ⋖ OTENTIAL 23 T A T E2 CAPACITY ω I ۵. PHYSICAL Z. CTRIC HYDROELE

M A D	≆ ∢	***	· 中午中午中午年年年春日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日	1 1 1 1 1	1	1	POTEN	A L	¥	CAPAC	ax —	みんられる					e e e e
HZ	20 0 410 +**		3. E	3 E In	* * * * * * * * * * * * * * * * * * *	k k k k	* * * * * * * * *	* (I) * (I) *	* * * * * * * * * * * * * * * * * * *	* * * (2) * (2)	***** EATER T	* * * * * * * * * * * * * * * * * * *	****	**	*******	****	* * * * * *
* - ui	X	* * * * * * * * * * * * * * * * * * *	SANTANAMANAMANAMANAMANAMANAMANAMANAMANAMA	**************************************	# # # # # # # # # # # # # # # # # # #	**************************************	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	* 3 G M S S S S S S S S S S S S S S S S S S	**************************************	**************************************	* # # # # # # # # # # # # # # # # # # #	CNOCK CNOCK CAP*	######################################	*******	**************************************	UNDER **	* Jan 4
0 **	# * * * * * * * * * * * * * * * * * * *	000 #	##### ################################	* * * * * 000 00			* • • ·	* 00	* * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	****	* 000	* WINO	******	7 *
00 # # # # # # # # # # # # # # # # # #	**************************************	. :	M 2 0 1	000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	k 60 +++			* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * * *	# 75 # 75 # 75 # 75 # 75 # 75 # 75 # 75	27 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *
σ *	A	M	10 4 10 4 10 4 10 4 10 4 10 4 10 4 10 4		* * * * * * * * * * * * * * * * * * *	17	* 87	* 000	* 00° * 00° * 00° * * * * * * * * * * * * * * * * * * *	*	* W/O	* * * * * * * * * * * * * * * * * * *	* 00 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 00 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
4 00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	NO 0 X	81 m 3	****	£	000	. 000		* * * * * * * * * * * * * * * * * * * *	* ************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	***********	* * * * * * * * * * * * * * * * * * * *	# MO-01	* * * * * * * * * * * * * * * * * * *	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TAL	* * * * * * * * * * * * * * * * * * *	M **					* " " " " " " " " " " " " " " " " " " "	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* M (1) G * H (5) G * H (5) G * H (6) G		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# 000 # 000 # 000 # # # # # # #	* 0000 * 0000 * * * * * * * * * * * * * * * * * * *	1000VW	1962
	D D D D D D D D D D D D D D D D D D D	# # # ~ ~ M	HIING FILDNA		A T	N I ST		* G G G G G G G G G G G G G G G G G G G	** # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	* HXH * HXH * HXH * HXH	* 20 4 * 20 4 * 20 4 * 20 5 * 20 5	COLUMNS (MEGAWA)	2 2 AND ATT)	* (A)

OATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.27 PAGE 166 OF TABLE 1

# UDE 4 K W W # Y W D W W D W W D W W D W W D W W D W W D W W D W			* * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			1975	1988	
# # # # # # # # # # # # # # # # # # #				974 130 130 144 144 144	作事を作 (A) で (A) で	SO WAS A SE	2164 2164 206 306 444	000 000 000 000 000 000 000 000 000 00	# # # # O O Ph O Ph O Ph
		107069 * * *	************	****	** 1466876 **	* * * * * * * * * * * * * * * * * * *	142727	# # 100636 # # 156566 # # 3174465 # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * * * * * * * * * * * * * * * * *		7117 7117 7117 0MM	0000058	10000	758939	in in	18000 31027 49027	4 0000 01010 01010	O 99 9
A A A A A A A A A A A A A A A A A A A	# 00000 # 00000 # 00000 # 00000	######################################	# # # # # # # # # # # # # # # # # # #	*****	* * * * * * * * * * * * * * * * * * *	****	* * * * *	* * * * * * * * * * * * * * * * * * *	* 4 00000000000000000000000000000000000
* T + T > C + T + T + T + T + C + C + C + C + C +		100 TE 11170 N		0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	18 18 18 18 18 18 18 18 18 18 18 18 18 1	1 + 1 OP + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +	T C T T T T T T T T T T T T T T T T T T	I 4444 444 444 444 444 444 444 444 444	# # # # # # # # # # # # # # # # # # #
LATITUDE LATITUDE DR.ATITUDE CO M.N)		# # # # # # # # # # # # # # # # # # #	4 45 18 4 4 107 157 6 M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	47 36 6 108 46 4 109 46 4	12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 27 24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	47 34°1 111 9°8 73292	** 47 S.9 ** 111 40.0
* Σ	ARANTHENNESS AND ARANTES AND A	MANULE RIGHT	BICHORN RIVER	AFTERBAY. Bighdrn River	MISSOURI RIVE	DAM MISSOURI RIVE TRES + CONS	MISSOURI RIVE	DAM MISSOURI RIVE. POWER CO	* MT6MRD0128 * HARDY * MTUO124 * CASCADE MISSOURI RIVER * 6 DRC I * INKNOWN
* CD * A A A A A A A A A A A A A A A A A A A	A CLARK CANVERSAN CLARK CANVERSAN CANVERSAN CANVERSAN CONTROLL CONTROL CONTROLL CONTROL	* REICHLE * BEAVERHEAD * DOI USBR	F BIGHDRN LAKE F BIG HORN	* YELLOWTAIL * BIG HORN * DOI *PRS	* HIGH COM * BLAINE * C OF E	BROADWATER BROADWATER	BLACK EAGLE CASCADE MONTANA POW	COCHRANE D CASCADE MONTANA PO	* HANDY CASCADE INKNOWN
* * * * * * * * * * * * * * * * * * *	A MTCMRDD119 A MTCONSD0119 A NTCONSD0119 A NTCONSD0119 A NTCONSD0119	# MT6MROO117	# MTIMROOARA	* MTAMROOSSO :	* * MT6MR00126 * * * MTU00111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* MTAMROO127 * MTOO016 * Z DRC I	* MTGMRDO667	* * MTGMRDO659 * * MTG0556 * *	* MT6MR00128

DATE 14 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.27

# A A A A A A A A A A A A A A A A A A A	ない 一切のの 一切のの 一切のの 一切のの 一切のの 一切のの 一切のの 一切の	8061 8061 8061	1989	***			₹ ₹ ₹ ₹	* * * * * * * *	* * * * * * * * * * * * * * * * * * *
***	***	*****	****	****			****	***	****
	######################################	442001	12 00 00 00 00 00 00 00 00 00 00 00 00 00	19091	00	2000	## ## ## ## ## ## ## ## ## ## ## ## ##	18,371	4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W
######################################	**************************************	表 表 表 表 表 表 表 表 表 表 表 表 表 表 表 表 表 表 表	362919 # 404090 # # # 604090 # # # # # # # # # # # # # # # # # #	66 64 64 64 64 64 64 64 64 64 64 64 64 6		0 in in 0	******* ******************************		
# * * * * * * * * * * * * * * * * * * *	######################################	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 000004 000004 000004 000004	362760	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	O of of		4 + 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
*****	**	*****	****	****	****	****	****	****	***
* * * * * * * * * * * * * * * * * * * *	# 00 0 m	120°0 1064 107°6	0 m 0 m 0 m 0 m 0 m 0 m 0 m 0 m 0 m 0 m	177.0 765000 134.8	37.0 50000 717.0	166.0 120500 153.8	10.0 80008 7.9	4 10 E	2 0 4 2 - 10 8 2 - 10 8
## ## ## ## ## ## ## ## ## ## ## ## ##	***	. * * * * * * * * * * * * * * * * * * *	W # # # #	****	* * * * * * * * * * * * * * * * * * *	*****		M 2 2 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *
# EE	* 10	70 7483	TO 90	HI HOUSE	# G.	11 13 605		T H S S S S S S S S S S S S S S S S S S	
******	* * * * * * * * * * * * * * * * * * *	10	***** TO	HH	. * * * * *	06 H 60 H 70 H 70 H 70 H 70 H 70 H 70 H 70 H 7	+ + + * *	₹	****
******	**************************************	_	4	H 80 B		9		₹	****
# # # # # # # # # # # # # # # # # # #	44444444444444444444444444444444444444	AIVER 111 1169 A DP A BARDON A BARDON A DRINGS A TA	# 47 MS. 1 # II # 114 0.0 # DP # 2 DW292 # 74	27.55 # HI 0 40.6 # HS 24740 # #4	DAN * 46 12.6 * 6 T	4 24.0 4 HI 08 30.0 4 HB 38000 4 40	# # # # # # # # # # # # # # # # # # #	00 00 00 00 00 00 00 00 00 00 00 00 00	本 1000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# # # # # # # # # # # # # # # # # # #	ASAKANAAASASASAAAAAAAAAAAAAAAAAAAAAAAAA	A 47 31.7 A T A 47 31.7 A 4 D D D D D D D D D D D D D D D D D D	# 47 35.1 * II WISSOURI RIVE* 111 8.3 * OPPONER CO * * * * * * * * * * * * * * * * * *	A A A A A A A A A A A A A A A A A A A	DAN * 46 12.6 * 6 T	AT A A A A A A A A A A A A A A A A A A	ASHLEY CREEK # 114 W7.0 # DP # 121 W7.0 # DP # 414 W7.0 # DP # 414 W7.0 # DP # 414 W W7.0 W W W W W W W W W W W W W W W W W W W	LD A FILATHEAD & A1M 57.0 & 11G	本 1000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
A PATENCY PART A PART A PART A PART A PART A PART A PATE OF STATE	ASKARAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKA	HISSOURT RIVER 111 110 G * OP CO	RYAN ASCADE MISSOURI RIVE* 111 8 W * OP MONTANA POWER CO	RIVER 110 40°5 × IN	TARREX * * * * * * * * * * * * * * * * * * *	# 17 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ASHLEY ASHLEY CREEK # 114 W100 # 10 P ASHLEY CREEK # 114 W100 # DP ASHLEY MRW DIST.	A 48 29.9 A MC D M F FLATHEAD & 113 57.9 A 13 A 941 A 824	本 1-100 27 本 本 1-100 27 本 本 1-100 27 本 本 1-100 27 本 本 4-100 27 本 4-100 20 20 20 20 20 20 20 20 20 20 20 20 2

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,27 PAGE 168 OF TABLE 1

# END CONSTRAINT	***************************************	****	****	****	****	****	****	****	***
######################################	K	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	18914 25.759	2048.7	м м м м м м м м м м	3336.4 48.110	1729.7	1723.0	6311.6
**************************************		10000000000000000000000000000000000000	7 A W C C C C C C C C C C C C C C C C C C	00 00 00 00 00 00 00 00 1 0 00 00	* * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * OOOOOOOOOOOOOOOOOOOOOOOOOOOO	44.00	
# # # # # # # # # # # # # # # # # # #		80 RU 80 RU	129498	0 th lin	5 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	O IR IR VI VI VI VI VI VI VI VI	24 25 25 25 25 25 25 25 25 25 25 25 25 25	0 006 m	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
*****	KIN -7	00° 6	2 W 2 G 2 G	2 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	* * * * * O * O * O * O * O * O * O * O	100°00 100°0°	509°0 3675000 4778000 4 * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	10 0 0 10 10 10 10 10 10 10 10 10 10 10
* a a	# # 0.000 # # # # # # # # # # # # # # #		* * * * * * * * * * * * * * * * * * *	* * * # # * * * * * * * * * * * * * * *	T	T	X X X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 0 M 1 X 0 0 0 0 M 1 X 0 0 0 0 M 1 X 0 0 0 0 M 1 X 0 0 0 0 M 1 X 0 0 0 0 M 1 X 0 0 0 0 M 1 X 0 0 0 0 M 1 X 0 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 0 M 1 X 0 0 M 1	T * * * * * * * * * * * * * * * * * * *	0.001
## C ## ## ## ## ## ## ## ## ## ## ## ##	k 3 ↔ k	114 3.0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	48 37 °0 114 9 °0 1460	48 10 10 10 10 10 10 10 10 10 10 10 10 10	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	47 42.7 113 22.6 740	48 20 4 114 0 7 1 1654	88 88 88 89 89 89 89 89 89 89 89 89 89 8	48 30 4 114 7 6
# X	* * * * * * * * * * * * * * * * * * *	FLATHEAD RIVERS	N FLATHEAD	678 AN H - FE CX FE	M F FLATHEAD	SOUTH FORK FL.	SOUTH FORK OFF	L DNG CREEK	* MTSNPS0050 * LDWER CANYON CREEK * 48 30.4 * MTU0196 * FLATHEAD N F FLATHEAD * 114 7.6 * 50.4
* 1	k .	CORAM FLATHEAD	GLACIER VIEW FLATHEAD	GRANITE CREEK FLATHEAD	GRANITE DRYAD FLATHEAD	HUNGRY CREEK FLATHEAD	HUNGRY HORSE FLATHEAD DOI USBR	LONG CREEK FLATHEAD	LOWER CANYON CREEK FLATHEAD N F
* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* MT4NPS0033 * MT4NPS0033 * MTU0176 * * * * * * * * * * * * * * * * * * *	* MTGNPSOONS: * * MTUS198 * * 6 OFC D *	# MT4NPSO047 # # MT4NPSO047 # # # MT40193 # # # # 5 DRC II # # # # 5 DRC II # # # # # 5 DRC II # # # # # # # # # # # # # # # # # #	* MT4NPS0046 * MT4NPS0046 * MT4NPS0046 * * MT4NPS0 * * * * * * * * * * * * * * * * * * *	* MT4NPS005W * MT4NPS005W * MT4NS0W6 * * * 6 OFC E * *	* MHINDSOONS * MHOONS * W MHOONS N * W DFC I * *	A MTANDSDOAUS A MTANDSDOAUS A MTANDSDOAUS A MTANDSDA MTAN	# MTSNPS0050 # # # # # # # # # # # # # # # # # #

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,28.

	****	Σ	* LONGITUDE * * DR. AREA * * (D M.M) * * (D M.M) * * (D M.M) *	正本 * * * * * * * * * * * * * * * * * * *	**************************************	HE CONTRACTOR OF THE CONTRACTO	TA TOOL OF THE TOO	CTOOOL CHOOLO	*HOC. MENERGY *FENERGY COMPA MACCOLOTICATION IN MENERGY * MACCOLOTICATION A COMPUNITY A CO
A THE CONTRACT OF THE CONTRACT	**************************************	20 T FLATHRAD	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************	147681 4	######################################	# # # # # # # # # # # # # # # # # # #
MTENPSOONS MTUO182 6 OFC D	* MEADOW MOUNTAIN * FLATMEAD *	S F FLATHEAD	4 47 47 47 47 47 47 47 47 47 47 47 47 47	2 * * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 4 4 4 4 0 4 4 4 4 4 0 4 4 4 4 4 4 4 4		4. (A. 10- N. 10- M. 10- N. 10- N. 10- C.	
MT6NPSGG41 MTUG184 G DFC D	* MILE 77 * FLATHEAD	S F F LATHEAU	47 41.0 113 21.1 700 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #		70716	C S S S S S S S S S S S S S S S S S S S	7661.S	
MTANDSOOMS MTUO195	* MORRISON CREEK * FLATHEAD	MORRIGON CREEK	448 7°0 × × 110 × × × 000 × × × × × × × × × ×	: * * * * * * M N N N S S D T H		0 m m 000 1111	60 60 24 24 0 40 40	11 14 14 14 14 14 14 14 14 14 14 14 14 1	
MTANPSOD40 MTUO183	* PICTURE CREEK * FLATERAD	S F FLATHEAD	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	27 M O O O O	76.7 76.7 76.7 76.7 8.8 8.8 8.8 8.8 8.8 8.8 8.8 8.8 8.8 8	M W 00000000000000000000000000000000000	7620.0	
MT6NPS0048 MTU0194 6 DFC I	* SCHAFER MEADOW * FLATHEAD	N F FLATHEAD	40 50 W # # # 11W 170 W # # # 170 W # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16-6-9 16-6-9 16-6-0 16-6-0 16-6-1	0000 0000 0000 0000 0000	44 50 14 60 14 60 14 60 14	
MT6NPS0051 x MTU0197 x 6 DFC Ex	* GMOKY RANGE * FLATHEAD	FLATHEAD & NF	48 31.9 ** 114 6.7 **	TO T	M M M	11 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	C S S S S S S S S S S S S S S S S S S S	11747	
MTANPSOOM4 MTUO177 S DRC D	A SPOTTED BEAR PLATHEAD	OF FLATHEND	47 36e4 # 113 33e0 # # 1140 # # 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	** * * * * * * * * * * * * * * * * * *	0 4 0 0	1001 001 000 000 000 000 000 000 000 00	149629 149629 149629	10291	
MTSNPSODUS W MTUO178 W	* SPOTTED BEAR * FLATHEAD	ALT ************************************	47 55.4 * 113 31.6 *		* * * 4	# # # O	* * * * * * * * * * * * * * * * * * *	80 -00 80 -00 80 80 -00 80 -00 80 80 -00 80	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,28

* CM 800	保保证券的企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业	****	*****					9007 9007 44	***
# F 80 C C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	4 G G G G G G G G G G G G G G G G G G G	10510 18.161	**************************************	En en la e Marin Ma Marin Ma Marin Marin Ma Marin Marin Marin Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma	4 + 10 4	F In	81 +1 - 681 - 691 - 691	3170°4 150°64
# WHP # W W W W W W W W W W W W W W W W W W W	** * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	***** O 4 4 * O 4 4 *		24 24 24 26 36 36 36 36 36 36 36 36 36 36 36 36 36	101137 # # # # # # # # # # # # # # # # # # #	1019000 1019000 10190000 10190000	本 本 本 〇 所 的 可 的 可 的 可 的
# # # # # # # # # # # # # # # # # # #		10 10 10 10 10 10 10 10 10 10	101820	10000000000000000000000000000000000000	* * * * * * O o	* # # # # O MMO O MO P M	4 # # # # # # # # # # # # # # # # # # #	# # # 00000 000000 # # # 000000	* * * * * * * * * * * * * * * * * * *
*****		0000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N	M 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N 80 00 80 00 80 00 90 00 1 1 1 1 1 1 1	000 M M M M M M M M M M M M M M M M M M	419100000 # # 1900000 # # 1900000 # # 1900000 # # # 1900000 # # # 1900000 # # # 1900000 # # # # # # # # # # # # # # # # #	# 0 0 0 5 11 # W 0 1
		T = 1 = 2 = 2 = 2 = 2 = 2 = 2 = 2 = 2 = 2	HC IS	1	E E E E E E E E E E E E E E E E E E E	T C C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	H 100	ON E STAN
بالقالعة ≠	* * * * * * * * * * * * * * * * * * *	44 50 50 50 50 50 50 50 50 50 50 50 50 50	48 10 % 11 % 33 % 4 08	11 20 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	48 9 44 113 24.7	44 51.9 111 20.8 904	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 47 89 0 * 106 84 0 * 37 800	46 19 8 113 32 7
Σ	SPINITED BEAR MY SYSTEMS SEPTEMBERS OF FLATHERD SPINITES OF FLATHERD	MIN ALH	M F FLATHEAD	SWAN RIVER	E E	OIR MADISON RIVER	GALLATIN RIVE	MISSOURI RIV	ж Э Э
t -	E	SPUTTED BEAR FLATHEAD	SPRUCE PK FLATHEAD	UPPER BIG PORK PLATHEAD	25 MILE CREEK FLATHEAD	HERGEN RESERVOIR GALLATIN MONTANA POWER	LOWER BASIN GALLATIN DOI USBR	LAKE FORT PECK GARTELD DAEN MRD	* MTGNPSOO62 * ATKINS * MTGNPSOO62 * ATKINS * MTGNS27 * GRANITE ROCK CR
* * * * * * * * * * * * * * * * * * *	ť	A THOODONNER A THO	* M47NPSDO4W *	* MT6NPS0076 * MTU0173 * MTU0173 * * S	MTSNPS0044 MTU0190	* MTCMRDO14W * MTCO1W4 * MTCO1W4 * * * * * * * * * * * * * * * * * * *	MT6MRD0141 MTU0133 6 SCP I	* MTIMRDO144 * * MT00025 * * 2 DFC I *	* MTGNONGNA * * 10 000 00 00 00 00 00 00 00 00 00 00 00

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,28 PAGE 171 OF TABLE 1

* ERC CONTICE * * ERC CONTICE * * ERC CONTICE * * CONTICE RANK) * * (SEDUENCE RANK) * * (SEDUENCE RANK) *	在 保 · · · · · · · · · · · · · · · · · ·	*****	* * * * * *	· · · · · · · · · · · · · · · · · · ·	****	****	* * * * * * *	****	6161
######################################	を食事を含む (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	M: W:	11. 50.00	48.470°7	0 m 0 m 0 m 0 m 0 m 0 m 0 m	M M 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M ~ A M A M A M A M A M A M A M A M A M A M	M 400 M	
	**************************************	* * * * * * O = M = M M = M M = M M = M M = M	44.4	11 12 12 12 12 12 12 12 12 12 12 12 12 1	000				* * * * * * * * * * * * * * * * * * *
MHH MHH MHH MHH MHH MHH MHH MHH	######################################	100 100 100 100 100 100 100 100 100 100		* * * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * O			17 m to 17 m t	**************************************
## (F () () () () () () () () ()	# # # # # # # # # # # # # # # # # # #	000° 35 00°	**** 0 0 0 MO 0 P 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		***** OOO	* * * * * O 0 0 M 0 M 11	# # # # # # # # # # # # # # # # # # #
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* * * * O * * * * * * * * * * * * * * *	H	T	***** *****	HC 188	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11 H 80 H	# E E E E E E E E E E E E E E E E E E E
	**************************************	46 00 4 4 4 6 00 4 4 4 4 4 4 4 4 4 4 4 4	46 333 7 11 14 15 15 15 15 15 15 15 15 15 15 15 15 15	46 33.4 * 113 42.6 * 724 *	46 14e 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	46 26 20 11 13 44 9 4 4 4 9 4 4 4 9 4 4 4 9 4 4 4 9 4 4 4 9 4 4 4 9 4 4 4 9 4 4 4 9 4 4 4 9 4 4 4 9 4 4 4 9 4 4 9 4 4 4 9 9 4 4 4 9	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	46 M6-1 # 109 M6-6 # # 109 M6-6 # # # # # # # # # # # # # # # # # #
Σ.	**************************************	ADOK CAREEK	LOWER WILLOW CREEK GRANITE LOWER WILLOW	80 CK	F 3 00 00 00 00 00 00 00 00 00 00 00 00 0	# # # # # # #	HOGS ACK ROCK CREEK	5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	FRESION REGERACOINS FILL. FILL. FURST * ALL MOST ************************************
m _ D	* *	0684	ILLOW WER W	> W	6 2 11	5.50 Y-0.50	UPPER LITTLE GRANITE	UIST TE	000 E 00
C 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	** * * * * * * * * * * * * * * * * * *	LITTLE HOGBACK Granite	LOWER WILLOW CREEK GRANITE LOW OIST LOWER WILLOW	OUIGLEY GRANITE	00 A D D D D D D D D D D D D D D D D D D	UPPER JOY Granite	UPPER Grani	WAHLOUIST Granite	FRESOND RESERVED TO THE CONTRACT CONTRA

M 1 ID NU X CTV DEP X ODE CODE X FILE X	* FM 1 ID NO * PRIMARY CO. * NAME OF STREAM * ACTV DEP * OWNER * CODE CODE * FILE * FILE * STATUS * STATUS *	***	LONGITUDE DR.AREA (D M.M) (O M.M) (SG.MI)	A CE	***	4 C C C X X C C C X X C C C X X X X X X		ENST COOL (8) COOL (8) COOL (8)	MACONDIANA MACOND
**************************************	**************************************	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #		**************************************	# # # # # # # # # # # # # # # # # # #	化合成 化水质 医水质 化二甲基苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
MINDGOOS A * * 1 CONCON W	BIG CREEK LAKE Bureau of	HELLROARING CANNOTAN AFFAIR	114 42.4 114 11.4 10 110 11	10 10	* * * * * OOO IN IN OO	* * * * * * O O O M M	000 9 9 0 0	00	
MT4NPS0073 # MTU0169 # 6 DFC E # #	BUFFALO RAPIDS Lake	NO 4 LOW * FLATHEAD RIVE*	47 26.2 114 20.4 8085	* * * * * * * * * * * * * * * * * * *	004	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	S49178 # # S49178 # # # # # # # # # # # # # # # # # # #	12562 23, 56	
#14NPS0075F #100171 # 0FC FF	BUFFALO RAPIDS Lake	NO 2 FLATHEAD RIVE*	47 35.4 114 21.1	IS 11920.6 5 # # # # # # # # # # # # # # # # # #	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	400010 400010 4 4 5 5 10 10 10 10 10 10 10 10 10 10 10 10 10	11182 27,956	
MT6NPSOO71 # MTUO149 # # ATUO149 # # ATUO149 # # # ATUO149 # # # ATUO149 # # # ATUO149 # ATUO149 # ATUO149 # # ATU	BUFFALO RAPIDS Laké	4 HIGH. FLATHEAD RIVER	47 26.2 114 20.4 8085	T H C C C C C C C C C C C C C C C C C C	20 00 00 00 00 00 00 00 00 00 00 00 00 0	* * * * * * * * * * * * * * * * * * *	101 101 101 101 101 101 101 101 101 101	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
MTJNPSOO78 * MTGO226 * Z DFC I *	KERR Lake Montana Power C	FLATHEAD R * * * * * *	47 40°6 114 13°9 7096	T.O. + C.O. + C.	186. 1960000 186. 186. 186.	168000 31100 199100 * * *	1060000 ** 111 10000 **	1306.9 24.660	
MTCNPS0081 * MTCNPS0081 * MTC00890 * MTC II * MT	MCDONALD Lake Doi bia		7.1. 7.1. 7.1. 7.6. 7.6. 7.6. 7.6.	* * * * * * * * * * * * * * * * * * *	M M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	044	N W C & & & &	988.96	
#T4NPS0072 # #TU0168 # 6 DFC E #	T A T III III III III III III III III II	FLATHEAD RIVER	47.21.4 114.19.1 8100	T + T 100 101 M 10	0 0 0 0 0 0 0 0 0 0 0 0	36 PB CO 49 PB CO 40 PB CO 49		7-0-0-1 0-0-0-1 0-0-0-1 0-0-1 0-0-1 0-1 0	
# MT4NPSSZOZ # SLNAN BRIDGE LOW # MT4NPSSZOZ # LAKE # C DPC I *	SLUAN BRIDGE Lake	FLATHEAD R. *	47 29.6 114 19.2	T 4 4 4 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	110°0 10°0 10°0 10°0 10°0 10°0 10°0 10°	00096		10997	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,29

* CONDUCTOR TENT * FRC NONCONOTION * FRC COMPOSITOR * CONDUCTOR TENT * CONDUCTOR	在在在在在在在在在在在在在在在 在 在 在	*****	****	1 年 4 年 4 年 4 年 4 年 4 年 4 年 4 年 4 年 4 年	. * * * * * *	1974 # 1974 #	****	4466 1-986 1-986 1-986	***
* 600 61	在在在在在在在在在 在 2000年100年 2000年 2	5 00 00 00 00 00 00 00 00 00 00 00 00 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20	00000000000000000000000000000000000000	(44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 44 44 44	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	444	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M W		M M M M M M M M M M M M M M M M M M M M	2000 2000 2000 2000 2000 2000 2000 200	4 CO
0333 6004000 844 844 844 844 844 844 844 844 8	**************************************		000	50000 90000 1400000	2 2 2 2 2 O M M O O	11	4 6 6 7 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	104949 104949 144449 144449	* t * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
****	**************************************	M	# # # # # #	0.000 0.000 0.000 0.000 0.000 0.000	00 00 00 00 00 00 00 00 00 00 00 00 00		* * * * * * O O O O O O O O O O O O O O	1000 1000 1000 1000 1000 1000 1000 100	
14 A A A A A A A A A A A A A A A A A A A	在在在在在在在在在在在在在在在在在在在在上,可以把一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个	TH	# # # # # # # # # # # # # # # # # # #	IICORH OP SG62		T.D. (1)	MIN	I CO	女女 の の の の の の の の の の の の の の の の の の
t www.	######################################	115 58 3 671 671	47 16.0 113 56.0	46.38.6 x 111.43.55 x 119004 x	47 15.4 * 112 49.3	111 500 111 500 15676 16676	11 11 11 11 11 11 11 11 11 11 11 11 11	112 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 46 55 0 0 4 4 112 45 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	**************************************	2	DRY CREEK	LAKE MISSOURI RIVE	N F BLACKFOOT	MISSOURI	N F BLACKFOOT	MISSOURI	> *
ID NO * PROJECT NAME ID NO * PROJECT NAME DEP * CON * INAME CON * CON * INAME CON * CON * INAME CON *	A VALUE OF THE VAL	O E A A A A A A A A A A A A A A A A A A	TABOR Lake Doi bia	CANYON FERRY L Lewis and CL Doi USBR	COONEY CR LEWIS AND CL	HAUSER LAKE LEWIS AND CL Montana Power	HEINZE Lewis and Cl	HOLTER LEWIS AND CL MONTANA POWER	UPPER LINCOLN LEWIS AND CL
A	RESERVE SERVE SERV	# MTVNPS0077 # # MTU0174 # # DRC I # # # # # # # # # # # # # # # # # #	# MTDNPS0079 # # MTD0588 # # # 5 DRC I # #	ATIMROO1556 8 MTOO556 8 8 MTOO56 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	# MT4NPS0127 # # MT40220 # # # ORC 1 # #	* MTIMRODIST * MTOOS60 * * PORC I *	MT6NPSO126 ** MTUO219 ** S DFC I **		AT COUNTR AT UTOUR STATE AND UTOUR AT UTOUR STATE AND UTOUR AT UTOUR STATE AND

		* * * * *	******		(養養養養)	* * * * * *	* # # # # <u>*</u>	* * * * * *	
##### 	4 20 40 4 4 4 4 4 4 1 4		****	* * * * * *		****	***		****
	# # # # # # # # # # # # # # # # # # #	11 41 24 41	90 (A 45 RU 90 .0 10 RU 10 RU	16 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		9878. 33. 77	W 9 W 9 W 9 W 9 W 9 W 9 W 9 W 9 W 9 W 9	4458.0 35.186	10000 10000
2000 2000 2000 2000		. * * * * .	000	222	900	000	000	4444	****
XXO WENTER W		976670 976670	NO TRANS	10 00 00 00 00 00 00 00 00 00 00 00 00 0	1655640 1655640	260320	7 2 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	126697	4 0
*****	* * * *	4444	****	000	****	000	000	* * * * *	* * * * * * * * * * * * * * * * * * *
002553	K K K K K K K K K K K K K K K K K K K	0 220437 220437	7990 V	4 W W W W W W W W W W W W W W W W W W W	420000 0 420000	6 6 0 44 0 0 0	1 A A	000 000 m m	O M M & & B M M M M M M M M M M M M M M M
***		000	000	000	****	000		000	000
TOT OF OF	140000 100000 100000	180.0	2	W N	362.0 6027000 341.0	70.0 33750 54.7	15.0	380°0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A G ~		# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	#### M M M M M M M M M M	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 T T T T T T T T T T T T T T T T T T T	文 4 年 50 年 5 年 5 年 5 年 5 年 5 年 5 年 5 年 5 年	TH 60 M 76 B W 7	* * * * * * * * * * * * * * * * * * *
***		* * * * *	****	.000 W .V M .	****	* * * * * N *0	0 · · · · · · · · · · · · · · · · · · ·	0 *0	N .N *
	111 112 129 131 149 159 159 159 159 159 159 159 159 159 15	48 27.3 115 45.9 10500	48 24.7 115 30.0 10035	24 25 37 37 30 30 30 30	48 25.0 115 18.4 8900	48 248 115 248 248 248 248 248 248 248 248 248 248	2 t 8 t 1 t 2 t 3	20 11 12 13 13 13 13 13 13 13 13 13 13 13 13 13	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
E * * * * * *	. A	* * * * * * * * * * * * * * * * * * *	· · · · ·	χը 	RIVE	* * * * * œ	02	****	****
¥ 8J 87 87	* * * * * * * * * * * * * * * * * * *			O S THE			RIVE	and the same of th	R * * * * * * * * * * * * * * * * * * *
E	MARIA	KODTENAI	KOOTENAI	LAKE ND LI	KOOTENAI	KOOTENAI	VAAK RIVER	A A A A A A A A A A A A A A A A A A A	* * * * * * * * * * * * * * * * * * *
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1	FALLS	2 3 > 1 a	EK DAM LAKE CREEK POWER AND LIGHT CO	- .			0 × × × × × × × × × × × × × × × × × × ×	*
			E Z	CREEK JLN INA POW	O Z Q A W I	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2	A A	* * *
-	LIBER	KONTENAI	KOOTENAI	LAKE CRE	LIBBY DAM LINCOLN DAMN NPS	LIBBY REREG Lincoln Daen NPS	LONG MEADOWS Lindoln	LINCOL	A MICANDODOU A MILE S * MICANDODOU & LINCOLN YAAK RIVER * 6 DFC E *
****		* * * * *	8 # # # # 90 H 10 CC	00 00 00 00 00 00 00 00 00 00 00 00 00	* * * * 9 20 9 00	* * * * *	996 * * * * I	0 0 0 0 0 0	391 * * 3091 * * * # * * * * * * * * * * * * * * *
	MTCMRD0161 MT00578 2 DFC I	MT4NPS0087 MTU3001 2 DFC S	MT4NPS0088 MTU3002 Z DFC E	MTHNPSO095 MTOO221 2 DFC I	MTINPSOO96 MTOO652 S DFC S	MTANPSOOS9 MTUSOOS	MT6NPS0094 MTU3008 S DFC I	MT6NPS0090 MTU3004 6 DFC S	MTANPSOD99 MTUSOOS 6 DFC (
C C C C C C C C C C C C C C C C C C C	Z 0	E U	E U	Σ Λ:	X Nu	Σ Vi A Σ	Σ Rυ 10 Σ	Σ 9 Σ Σ	Z 0 *

DATE 14 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.29

U □ L < Œ	化佐花性物化佐花性物化佐花性物 化佐花性物 化		1984 1984 1984 1984	****	· # # # # #	1901	*******	****	***
# (# COOT) # (# COOT) # (# COOT)	# # # # # # # # # # # # # # # # # # #	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	60 00 00 00 00 00 00 00 00 00 00 00 00 0	00	4444 4444	***** O D N O O O O O O O O O O O O O O O O O	04 04 04 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M 0 0 0 W
E		000 240 240 240 240 244	107711 # 107711 # #	30367	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	160011	0 00 00 00 00 00 00 00 00 00 00 00 00 0	M W W W W W W W W W W W W W W W W W W W
****** ***** ***** **** **** **** ****		# # # # # O N N SO O N N N M	# # # # # C 9990 8900 6900	* * * * * 0 0 0 0 0 0 6 0	101190011011011	* * * * * * O Ni Ni O O Ni Ni Ni Ni	* * * * * * * * * * * * * * * * * * *	# # # # # O N N: O O O O O O O	76407 # 76407
		* * * * * 000 % % % % % %	00000000000000000000000000000000000000	4 4 4 4 4	09000000000000000000000000000000000000		80 90 0 00 8 8 8 8 8	* * * * * 0 0 0 0 0 0 0	# # # # O O O O O O O
A A T A A A A A A A A A A A A A A A A A		* *	0 m m 1127.0*	H DP +1770-64	A T A A A A A A A A A A A A A A A A A A	1 00 1 100 1 100 1	01 00 1 00 1 00 00 1 00 00 00 00 00 00 0	THE	T
00 00 00 00 00 00 00 00 00 00 00 00 00	110 W 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 00 00 00 00 00 00 00 00 00 00 00 00 0	44 49.9 ** 111 25.8 ** 1283 **	45 29.2 * 111 39.1 * 2181 *	# # # # # # # # # # # # # # # # # # #	4 2 2 4 2 4 2 4 4 2 4 4 4 4 4 4 4 4 4 4	114 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	47 16.1 115 4.1 10000	47 19.6 # 115 2.6 # 10718 #
	UPPER YAAK CANYON ***********************************	YAAK RIVER **	LAKE MADISON RIVERS	××× ασοισουν α α α α α α α α α α α α α α α α α α α	######################################	ERVOIR RUBY RIVER * NOSY RIVER * NOSY RIVER * NOSY RIVER * NOSY RIVER * *	7. A.	C. ARK TOURK	* MT6NPSO100 * FOURMILE RAPIDS * MTUSO18 * MINERAL CLARK FORK R *
PRIMARY CO. CENER	UPPER YAAK C.	YAAK FALLS LINCOLN	EARTHOUAKE L.	LAKE ENNIG MADISON MONIANA POMER	REICHIE Madison Doi usbr	RUBY RESERVOIR MADISON DEPT OF NAT RES	ALBERTON Mineral	COLO CREEK Mineral	FOURMILE RAPIDS Mineral
ACT COOP STATE COOP STATE	**************************************	MT6NPSODGS # MTUSOO7 # 6 DFC S #	MTCMRD0166 ** MT00882 ** S SAN I *	MTIMR00165:4 . MT00561 * S DRC I *	MT6MRD0162 * MTU0130 * 6 SCP I *	MTCMR0016W # # MT00004 # # # REAL I # # # # # # # # # # # # # # # # # #	MH4NPSOO97 ** MHUO150 G ** DFC G **	MTENDSOLOSS A MTUGORO S A DFC S A A A A A A A A A A A A A A A A A A	MT6NPSO100 ** MTU3018 **

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,29

ACTV DEP CODE CODE FILE STATUS	****	E 0 U X X X X X X X X X X X X X X X X X X	Σ	# # [CNGITUDE # # CD M # M CD M M M M M M M M M M M M M M M M M	-	A T T T T T T T T T T T T T T T T T T T	100 100 100 100 100 100 100 100 100 100	FINCE TRANSPORT OF THE PROPERTY OF THE PROPERT		ONTE ERRO NOVECONOMICA DATA ERRO NOVECONOMICA ERRO COMPOSITEMA * (MEQUENCE RANK) * * (MEQUENCE PANK) *
REPORT OF THE PORT	**************************************	**************************************	* 02	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	01017	**************************************	**************************************	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MTANPSOLOS MTUSORS P OFC E	A NEW A A A A A A A A A A A A A A A A A A A	CLARK FORK	œ	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TH 900 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		7 7 7 0 8 0 8 0 4 0	* * * * * * * * * * * * * * * * * * *	914 84 868	* * * * * *
MTANPSO110 MTUSO28	A A A A A A A A A A A A A A A A A A A	CLARK FORK	2 ×	47 00-4 114 380-8 14 9500	T III	* * * * * * * * * * * * * * * * * * *	27200	119600 ***	4837 .4 85.370	
MTENPSOLOG MTUSORA 6 DFC D	* GUARTZ CREEK * MINERAL	CLARK FORK	X M M	47 1.6 * 114 44.8 * 4 9710 * 4	130 130 140 130 130 131 140 140 140 140 140 140 140 140 140 14	* * * * * * O O IS O G G G G II	28 27 7 25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	W W W W W W W W W W W W W W W W W W W	F- +4 M &0 M 0 M 0 M 0 M 0 M 0 M 0 M 0 M 0 M 0 M	****
MT4NPSD099 MTU3017	* * CEVEN WILE RAD	RAPIOS Glark Fork	Z.	47 20.5 * 114 58.6 * 10730 * 1	## 0 4 C E V F 8	0 N 0 N 0 0 0	44 44 01010	00707000 00707000	7107.1	****
MTANPSO103 MTUSO21	* * * MINERAL	CLARK FORK	 	47 13.0 * 114 57.4 # 10130 *	**************************************	N 3 N 0 000	C 0 0 0 0 00 00 00 00 00 00 00 00 00 00 00 00 00		4639.736.661	****
MT4NPS0104 MTUNORR	* GUPERIOR (ALT) * MINERAL	CLARK FORK	Z X X X X	47 10.0 x 114 81.7 x	X 00 00 00 00 00 00 00 00 00 00 00 00 00		44 64 64 64 64 64 64 64 64	20271W # # # # # # # # # # # # # # # # # # #	7505°0 37 • 22	
MTANPSO108 MTUSO26 P OFC E	* TARKIO * MINERAL	CLARK FORK	ж ж ж ж ж ж ж	47 00-11 114 470-0 96-90 * * *	#### 6000 501 501	110000000000000000000000000000000000000	62171 62171 62171 63171 6314	10 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7872.6	****
MT4NPSO107 A MTU3025 A	* WHISKEY GULCH * MINERAL	* MT4NPSO107 * WHISKEY GULCH * MTU3025 * MINERAL CLARK FORK G		47 0 7 # 114 44 1 #	T 100 100 100 100 100 100 100 100 100 10	24 60 00 00 00 00 00 00 00 00 00 00 00 00		370416 #	6939.1 18.733	. * * * .

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,29

TO CONTROL CON	化保存性性 化化合物 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	****	****	· * * * * * *			****	****	
NERGY COGT * (NERGY COGT * (1000 %) * (600 %)	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4	で (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 00 00 00 00 00 00 00 00 00 00 00 00 0	00	TARTE	1000mm 10
A	* * * * * * * * * * * * * * * * * * *	101331 101331 101331 101331	* * * * *	100 mm	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * *	M M M M O M M O M M M M M M M M M M M M	783584 763584 763584
NAME OF STREET O		* * * * * O 9 M M M M M M M M M M M	* * * * * 200 27 27 27 27 27			1000 1000 1000 1000 1000 1000 1000 100	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4	167008 #
AX. 04020 AX. 04020 (AT. 110 (AC. 110 (AT. 110) AX. (AT. 110)		20 24 20 30 20 00 24 4 4 4 4	110000	11.00.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M M M M M M M M M M M M M M M M M M M	80 00 00 00 00 00 00 00 00 00 00 00 00 0	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00 W W W 00 00 W W 00 00 00 00 00 00 00
2		100 1 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	T	T T T T T T T T T T T T T T T T T T T	E 4 4 6 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T	T W T W T W T W T W T W T W T W T W T W	# # WO T W
# # # # # # # # # # # # # # # # # # #	k 4 ↔	26 20 20 20 20 20 20 20 20 20 20 20 20 20	26 58 8 11 13 13 0 6 1900 6	46 57.6 113 22.6 1960	46 41 42 40 40 40 40 40 40	46 45 0 113 40 6 2158	46 113 552 6040 6040	47 111 113 113 113 113 113 113 113 113 11	4 47 67 0 8 4 113 113 113 113 113 113 113 113 113 1
ž	KERKAKAKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	BLACKFOOT RIVE	* BLACKFOOT PIV**	8 ACKFOOT 72 A **	# * * * *	BLACKFOOT RIV**	CLARK FORK * * * * * * * * * * * * * * * * * * *	CLEARWATER RISK **	> 1
PRIMARY CO. INAME OWNER	R	BONNER MISSOULA	CAHOON Missoula	CLEARWATER Missoula	FINCEN	MCNAMARA MISSOULA	MILLTOWN Missoula Montana Power	MYRTCK Missüula	MINEMINE PROBLEM
# # # # # # # # # # # # # # # # # # #	×	* MT6NPS01122 * MTU0206 * * MTU0206 * * * * * * * * * * * * * * * * * * *	* MTSNPS0116 * MTUO211 * MTUO211 * * * * * * * * * * * * * * * * * *	* MT6NPS0120 * MTU0209 * MTU0209 * * 6 DFC E *	* MT6NPSOO60 * MTCOSSS * MTUOSSS * MTUOSS * MTUOSSS * MTUOSSS * MTUOSSS * MTUOSSS * MTUOSSS * MT	* MT4NPS0113 * MT4NPS0113 * MTU0201 * * * * * * * * * * * * * * * * * * *	* MTGNPSO117 * MTGNPSO117 * MTG0222 * * S DFC I * *	* MT6NPS01255 * MTU0215 * MTU0215 * * MTU0215 * * * * * * * * * * * * * * * * * * *	* MIGNEGILL * NINEMILE PRAIRIE * MILOZOS * MISSOULA BLACKFOOT RUA 6 DFC 6 8 * MISSOULA BLACKFOOT RUA 6 B * MISSOULA B * MISS

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,30 PAGE 178 OF TABLE 1

* * * * i	A ACT		*****	CO S S S S S S S S S S S S S S S S S S S	ATUS VE.	# # # # # # # # # # # # # # # # # # #	***	XXX	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	(1000 B)	TILUCULUS A COOLA MACCOLUS A CONTROLUS A C
* * * * * k	ANNANANANANANANANANANANANANANANANANANA		* * * * * * C:	10 WW.0 11 W.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		# # # # # # # # # # # # # # # # # # #	* * *		# # # # # # # # # # # # # # # # # # #	本年本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	***************************************
MT6MR00172 * MTU0128 * NWR I *	YANKEE CIM PARK UNKNOWN	YELLOMOTONE	****	45 12.0 110 54.0 2700	20 99 M	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	****	2004 4400 4400 4400 4400 4400 4400 4400		10308 10.008	****
MTCMR00182 # MT01125 # # NER 1 # # # # # # # # # # # # # # # # # #	FRANCIS LAKE PONDERA PONDERA CANAL	OFFGHOTABANEG	* * * * * *	48 15.7 112 12.3	11 8 9 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	** 111900 ** 111900	****	66 64 64 64 64 64 64	44 44 44 64 64 64 64 64 64	4 6 6 9 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************
MTCMR000181 W MTCO0581	SWIFT RESERVOIR PONDERA B	R BIRCH.CREEK	****	48 10 0 11 0 0 11 0 0	0.00 mm	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		4 4 0 00 00 0 00 00 0 00 00		4 4 0 0 0 4 0 4	
MT6NPGO18W MTUO212W MTUO212W MTUO214 MT MTUO214 MT	ARRASTRA CREEK Powell	BLACKFOOT R	* * * * * > •	11 12 13 13 13 13 13 13 13 13 13 13 13 13 13	TH ST		****	2079 2079 2079 2079		44 044 04 0 0	****
TANDSOLLS AT USE DEC DE A	BOX CANYON (OVANDO) POWELL BLAI	B) CKFOUT R	****	46 59.9 ** 113 12.7 *	I H	1 # # # # # # # # # # # # # # # # # # #	****	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1917 1917 1917 1917 1917 1917 1917 1917	0.10 0.10 0.10 0.00 0.00	****
ATENDODING A ATENDATION A ATENDATION IN A BECOME A A A A A A A A A A A A A A A A A A A	PRA715R CREEK POWELL	BLACKFOOT R1	****	46 56 8 * 113 7 0 * 8	I H		****	On in	で 本 本 本 市 ·	n. 0	****
MT4NPSO128 * MTU0221 * TORC I *	LOST PONY CR POWELL	EF OF NF BLAC	****	47 10 62 4 1112 48 55 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N H N N N N N N N N N N N N N N N N N N	O O O O	****	0.00		in co are on co are on co are are	
MT6NPSO122 * MTUO213 * S DRC S *	* MT6NPS0122 * LOMER LINCOLN CANYON * MTU0213 * POWELL BLACKFOOT RI	CANYON BLACKFOOT RI	* * * *	46 56 4 * 112 55.4 * 470 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 E	* * * * * * * * * * * * * * * * * * *	****	18967		4 15 15 15 15 15 15 15 15 15 15 15 15 15	****

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,30

ATTAING A PART AND A STATE AND A STATE A STATE AND AND A STATE AND AND A STATE AND	**************************************	****	*****	****	****	****		****	***
30) + (9 0001) 30) + (9 0001) 30) + (132\8)	* # # # # # # # # # # # # # # # # # # #	6.00 10.00 1	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 000 000 000 000 000 000 000 000 00	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M P	4 + 100 - 10
	# # # # # # # # # # # # # # # # # # #	* * * * * 0 mm 900mm 100mm	0104 040 040 040 040 040 040 040 040 040	** * * * O M M M M		17766 # # # # # # # # # # # # # # # # # #	0000 000 000 000 000	N W W W W W W W W W W W W W W W W W W W	* * * * * * * * * * * * * * * * * * *
 OO 4 0 0 0 E G	* * * * * * * * * * * * * * * * * * *	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	* * * * * O & O M M T T M	***** OMM	# # # # # O 80 80 	10 00 00 00 00 00 00 00 00 00 00 00 00 0	# # # # # 0 0 0 0 0 0 0 0 0 0 0 0 0		0 90
* * * * * *	* * * * * * * * * * * * * * * * * * *	000 000 000 000 000 000 000 000 000 00	000	4 4 5 4 4 0 0 0 0	400 m	* * # * * O O O * B O O * B	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* * * * O O O O O O O O O O O O O O O O
A V E LOS O	**************************************	# # # # # # # # # # # # # # # # # # #	TH 0000	MD MA	E E E E E E E E E E E E E E E E E E E	X H C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	T 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* # * * * * * * * * * * * * * * * * * *
A A A A A A A A A A A A A A A A A A A	**************************************	47 32.0 118 17.9	11 10 10 10 10 10 10 10 10 10 10 10 10 1	46 21°4 114 19°0	46 44 44 44 44 44 44 44	45 53.8 114 10.6 546	45 43.0 114 16.7 318	45 48.9 114 15.0	45 50.1 113 59.3
	* CC * CC * CC * CC * CC * CC * CC	FLATHEAD ***	**************************************	* * * * * W C C C C C C	0 8 8 8 7	*****	** ***	######################################	A BITTERROOM
	**************************************	* * * * DONELL BURNT OF FLA	BLUDGETT CR W F BIT	FRED BURR DAM RAVALLI FRED BURR MONT STATE WATER RESOURC	* LAKE COMO * RAVALLI * DOI USSR *	LOWER TRAPPER CR RAVALLI W F BITTERR	PAINTED ROCKS DAM AND REG. RAVALLI WF BITTERROOT ROEPT OF NAT REG + CONS	PICKERAL LODGE R RAVALLI R	* UPPER AND LOWER BULA * RAVALLI E F BIT

	A A A	JAME OF STREAM	* * CD * * * * * CD * * * * CD * * * *	A C M	. * * * * *	TAC CXX CXX CXX CXX CXX CXX CXX CXX CXX C	######################################	#	STA ERC NONECONDMIC * ERC COMPOSITE * (SEQUENCE RANK) * (SEQUENCE RANK) * (SEQUENCE RANK)
MTENPOOISE MTUOPOI	AND	**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	######################################	有我有我我我我我就看我我就就就看到我们就会会会我们我们我们我们我们我们我们我们的我们的我们的我们的我们的我们的我们的我们的我们
MTSNPS0144 MTU0161 S DRC I	* * * * * * * * * * * * * * * * * * *	VERMILLION CR	* 4 47 50 80 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TH	11 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ↔ ↔ 0 0 0 N	0.00 0.00 0.00 0.00 0.00 0.00	40 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****
MT4NPSO155 X MTU3030 X X DRC E X	P BULL PIVER NO.	1. BULL RIVER	4 4 8 4 4 8 4 4 8 8 4 4 8 8 8 8 8 8 8 8	* * * # # # # # # # # # # # # # # # # #		M W W W	0 N N N O O O O O O O O O O O O O O O O	2016 2016 2016 2016	
MTANDG2608 MTUMON1 S ORC OR	BULL PIVER NO.	2. BULL RIVER	* * * * * * * * * * * * * * * * * * *	T H # # # # # # # # # # # # # # # # # #	0 M 0 M 0 M	2	0.0 20.0 0.00 0.00	44 44 60 60 60 60	* * * * * *
MT7NPS0146 * MTUO166 * 6 DFC E *	S NO	FLATHEAD RIVER	**************************************	102 103 100 100 100 100 100 100 100 100 100	00000 00000 0000 0000 0000 0000	MA A A W W W W W W W W W W W W W W W W W	010 010 010 010 010 010	24048 11 • 3 3 2	
A AWDWOLLS THUWOWL THE INC. IN THE	LOWER SCRIBNER SANDERS	VERMILLION RI	* * 47 50.00 x * 115 150.00 x * 4 150.00 x *	TI 00 11 12 00 00 12 14 14 14 14 14 14 14 14 14 14 14 14 14	80 4 O 4 O 0 0 1 4 4 4 4 4	C C C C C C C C C C C C C C C C C C C	C NJ NJ NJ NJ NJ NJ NJ NJ NJ NJ NJ NJ NJ NJ	768.41	****
MTSNPSS202 * MTUOS45 * S DRC I *	MILLS DIVERSION	VERMILION RI	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	* * * * * OO 00 M	***** O D D N N N N N N N N N N N N N N N N N N	0 2 2 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2412.7 68. 50	*****
MTINPSO161 * MTOOPES F PEC I *	NOXON RAPIDS DAM F SANDERS CL WASHINGTON WATER	AM CLARK FORK ER PWR CO	* 47 57°5 * * 115 43°9 * * 218333 * * *	3. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	800000 800000 8000000 8000000000000000	# 0 0 0 0 0 M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00	* * * * * *
* MT6NPS0153 * PARADISE * MTU3015 * SANDERS CLARK FORK R * 6 OFC E *	PARADISE	-	* 47 24.7 * 114 50.1 * 19900 * *	# # # # # # # # # # # # # # # # # # #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	***************************************	56009 19.196	* * * 4

CATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,30

THE STATE OF THE S	ir k g g k k k k k		• • • •						* * * *
******	***	****	****	****	****	****	****	****	****
100 ex	40946 40946	2 5 2 5 3 5	779	5408.9 31.994	4 4	938	• • • •	40	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	N 4	13220	12879	540 31.	1861.4	2497	1051	787	96. 388 888 888
	! !								
0.00	0	ဝစ္စ	0.55	000	C IN IN	222	000	055	000
	2114447 2114447	477756 677756 697756	409271	169089	1075	100000 1100000 1100000	7130	1000	244640 244640
	000	066	0 77 77	60 40 60 40	0 M M 90 90 00 00 N N	000	000	044	044
	3.35.55.00 3.35.55.00 3.35.55.00 3.35.55.00	100369 100369	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	M W 80 80 80 80 80 80 80 80 80 80 80 80	N N	00000 00000 00000	& &	unt unt	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
*****	****	000	****	****	****	****	****	000	000
## D ## ## ## ## ## ## ## ## ## ## ## ##	000	000	1 40 ° 0	30.00	0 0	81 4 81 0 80 8 0 0 8	0 a	# 4 0 4	800 00 1
AVE. D. T.	986	## ## ## ## ## ## ## ## ## ## ## ## ##	T	10 17010 14010 14010	T	T 00° 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# X X X X X X X X X X X X X X X X X X X	* * * * * * * * * * * * * * * * * * *
			* * * * *	****	****	****	****		4
LATITUDE CONSTITUDE CONSTITUDE (CONSTEA (CONSTITUTE)	K 47	47 30°3 114 56°8 20160	47 18.5 114 49.4 10820	47 19.2 114 48.1 10825	48 2.9 115 49.9 138	47 35.5 115 21.5 20968	47 39.7 115 7.9	47 49.0 115 17.8	A TTONDSOLLES A VIENDENT THOMBOON TIVE A TONDSOLLES A SANDENS THOMBOON TIVES A TONDSOLLES A TOND
k	F > H	* * * * *	****	****	****	****	M N M	ў. Н * * * * * *	* * * * * ·
は (E は (E) は (E)	# ## # ##	FORK	FORK	F OR X	ξ.	ar ar	Œ	Š	Ω 2
E es	FLATHEAD	. A		F.	RIVER	CLARK FORK O	NONAMOHE	VERMILLION	NONGEN
* * * * * * * * * * * * * * * * * * *		CLARK	CLARK	CLARK	nant	LAR	Ĭ C	E E	X C
# C B C E E E E E E E E E E E E E E E E E	K Ma.	Ü		ပ	5	့္အပ			!-
	k K		87 12		¥	FALLS POWER (RIVER	2 20 1	
20	k k k (s)	øs -	8 8 8	ø	ய் ம ம	_ <u>a</u>	2 0 9	သ လ လ	N 80
PROJECT NAME OF THE STATE OF TH	ANDERS ANDERS AND ANDERS AND	PLAINS	OUINN OPRINGS Sanders	SIEBEL	SEDKY CREEK	SANDERS MONTANA P	SANDERS	UPPER SCRIBNER SANDERS	VIEWPOINT SANDERS
			* * * * *	****	£ # # # #	N	O M	0 H	2. C
ARANAMENTAL STATEMENT OF STATEM	* MT6NP90147 * MT00167 * DFC E	MTANPSOISS MTUSOIA 6 DFC E	MTANPSO154 MTU3016 2 DFC E	MTANPSO101 MTU3019 2 DFC S	MT4NPS0155 MTU3029 S DRC D	MTHNPSO162 MTO0224 2 DFC I	MT4NPS0160 MTU3035 5 DRC E	MTANPSO158 MTUSO33 S DRC I	MTTNPS0145 MTU0164 S DFC D

DATE 14 FEB BI NATIONAL MYDROELECTRIC POWER STUDY TIME 22.29.30 PAGE 182 OF TABLE 1

	TRIMATY CO. INAME OF STREAM	: tui		**************************************	*** *** *** *** *** *** *** *** *** **	A CANANA A A A A A A A A A A A A A A A A	FNETS COST (1000 S) (8/MM)	AINC. BNEAGARNUL. COG! AMAG MCGNOSTAC AINC. BNEAGA COG! A MAG COLFOSING A MAIN A (1000 A) A CHOUNCH RANN A MAIN A (1000 A) A CHOUNCH RANN A MAIN A (4000 A) A CHOUNCH RANN A MAIN A (4000 A) A
	SULL RIVER	## M - M - M - M - M - M - M - M - M - M	######################################	* * * * * * * * * * * * * * * * * * *		**************************************	######################################	· 有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有
MEEKSVILLE SANDERS	CLARK FORK RI	# 46 31.4 114 559.9 # 20700	100 100 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	1030501	4 4 00 WW 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	13498 7.528	
PENSONS BLUFF STILLMATER LUNKNOWN	F VELLOWSTONE R	* 45 35 9 4 10 9 10 9 10 9 10 9 10 9 10 9 10 9	# # # # # # # # # # # # # # # # # # #	8 00000 N N N N N N N N N N N N N N N N	on a a municular a	678949	20373	
MYSTIC LAKE STILLWATER MONTANA POWER	MEST ROSEBUD R CO	* 45 13 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 10 10 10 10 10 10	M	10000	11771	00	* * * * *
GREY CLIFF SWEET GRASS UNKNOWN	YELLOWSTONE R	4 45 42.0 4 109 41.9 7 7447	11	000 000 000 000 000 000	4 4 4 4 6 4 0 0 0 0 0 0 0 0	44 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4	50 50 50 50 50 50 50 50 50 50 50 50 50 5	****
GTBSON RESERVOIR TETON S DOI USBR	VOIR SUN RIVER	2 2 4 2 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10.8 00 177.2 18	105000 105000 1770000 177000 177000	11000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	836 831 834 834 834	MOON NOON TO THE
* MTAMROO819 * SUN RIVER DIVERSION * TETON SUN RIVER	VERGION SUN RIVER	* 47 W7 W * 110 42 4 * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	130 00 11 11 11 11 11 11 11 11 11 11 11 11	991	000	96 4 96 9 9 9 9 9 9 9	

			-

SCALE OFVELOPARNT S M M L A X 8 A X 8 M X ADDITIONAL z • ы. О STATE 3r 0x CAPACITY POTENTIAL I HYOROELECTRIC Z PHYSICAL

:ui≪ c	* * * : *	4	1 1 1 1		4	4			4	4	4	1			•	•	
HZ	4 Z Q (# #	* ** ** ** ** ** ** ** ** ** ** ** ** *	* 3 * E * D	**************************************	# # #	# Z # Z # Z	* * * 3	* * * * * * * *		*	4 4 E 4 E	* * * *	**************************************	4 3 3 5 6 4 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6	*****	然 你 你 你 你 你
•	* * * * 53 I H2 H>W	* * * * * * * * * * * * * * * * * * *	* # # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	10144 10144 10084 10084	* # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# D C # C C # C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* F & & & & & & & & & & & & & & & & & &	0 X X X X X X X X X X X X X X X X X X X	* * * * * * * * * * * * * * * * * * *	* # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* H A A A A A A A A A A A A A A A A A A
* *	* * * * * * * * * * * * * * * * * * *	** *** *** *** *** *** *** *** *** ***	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*	# 60 + # 0 #	* * * O · · · · · · · · · · · · · · · ·	* * * * * * * * * * * * * * * * * * * *	* * *	* 0 *	#	* * * * * * * * * * * * * * * * * * *	* 04 * 04 * 00 * 00 * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * *	# O •
* C :	* * * * * * * * * * * * * * * * * * *			X X X X X X X X X X X X X X X X X X X	k .	* 0 .	*	* 0		* • • •	* 0	* 0 *	* * * * * * * * * * * * * * * * * * * *	*	* C * C * C	* •	* 0
	* * * * * * * * * * * * * * * * * * *		X * * * * * * * * * * * * * * * * * * *		k -		* ° °	* 0 •	* * * * * * * * * * * * * * * * * * *	* ** 1		* 0 * 5	****	* 6	* ~ ~ · · · · · · · · · · · · · · · · ·	* 6	* ***
V 100	* * * * * * * * * * * * * * * * * * *				k (1) 1 k	* *O		* 6		K 0 1	* 6 4	* • •	* * * * * * *	* ° *	x -++O *	* ° °	ge ofte w
OTAL	* * * * * * * * * * * * * * * * * * *	K 在 N 本 A A A A A A A A A A A A A A A A A A	K W. U. P. S.		* WP * * * * *	K	0				* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	x	K WW 4 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		K PINI K
k K K M M	A WUD CO COLUMN A WUD CO COLUMN A WUD CO COLUMN A W A W A W A W A W A W A W A W A W A	* H H H	*	* * * * * * * * * * * * * * * * * * *	*	A A A A A A A A A A A A A A A A A A A	# 00 M # # 00 M # 1 0 M # 1 0 M	* W CCW * G * G	A P P P P P P P P P P P P P P P P P P P	* HE	# 370 m # 360 m # 370 m # 370 m # 370 m # 370 m	* * * * * * * * * * * * * * * * * * *	2	#	* 100	* * * * * * * * * * * * * * * * * * *	* C C

DEVELOPMENT ADDITIONAL > 05 0X UJ X ia. Э Э Z O <u>ند</u> POTENTIAL le) CAPACITY STAT I YSICAL HYUROELECTRIC z x

包 包 电 包 电 包 包 包 包 包 包 包 包 包 包 包 包 包 包 包	* D H 4	* 00					2 AND 3)
******** TOTAL	ATTENTAL STATES OF THE STATES			K	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	COCCES AND
**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	6 (SCUM CF)
*****	44 44 44 44 44 44 44 44 44 44 44 44 44	000	k e a	000		00	2
# E	* * * * * ! * * * * * ! * O L O ! * C D . M !					K	183 G 4 7 G
* # E	* * * * * * * * * * * * * * * * * * *		K			Z	* BOO * PEB
を (X (女 (5) (女 (女 (女 (女	* * * * * * * * * * * * * * * * * * *	k ⊶O ;				K K	UN 101 A L
# # # # # # # # # # # # # # # # # # #	* H H H H H H H H H H H H H H H H H H H	222	2000	. 000 1	x • • -	K CIC	k : 3*## K : 2>>
	W DO H						k m cocar
* * * * * * * * * * * * * * * * * * *	**************************************			* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		, a
**	# # HO Z H H # # # H A H A H A H A H A H A H A H	2 000		k 0 0 1	K 60 0 1 1 K 10 0 1 K 10 0 1 1		K GO
* * * * * * * * * * * * * * * * * * * *	**************************************		*	E +1 +1 +1 E +1 +1	j r	¥ -	* WW * W
* 10 * 25 * 25 * 3	UNDER**	000				K	* H A G A C A C A C A C A C A C A C A C A C
在各种的现在分词 医	**************************************	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		*
* *	* * * * * * * * * * * * * * * * * * *	ĸ .	K	* * * * * * * * * * * * * * * * * * *		*	K
****	HZ 1	* * * * * * * *	**************************************		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	NEO 10 0
	n m ⊢ +	6.11	K 00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	50 ± 99	00	* -	re Be Be Be Be Be Be Be Be Be Be Be Be Be

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.48 PAGE 132 OF TABLE 1

*FXHON-SENTGRAND() COONTRIBLY STATES				****	999 600 999 600 999 600 999 600 999 600 999 600 999 600 999 600				
ANUL. COST ENERGY COST (1000 8) (8/MEH)	**************************************	00	00 00 00 00	© ©	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CO	00	00	00
MACOUNT MAC	70116 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	C # # # # # # # # # # # # # # # # # # #	000000000000000000000000000000000000000	0 4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *		0000
440	**************************************	* * * * * * * * * * * * * * * * * * *	UI UI O O O O O O			##### 0000 9 M	M M M M M M M M M M M M M M M M M M M	14 8 8 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26100 26100 26100
*****		0 m	000 000 000 000 000	10000000000000000000000000000000000000	######################################	11 4 M 11 4 M 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 N 00 S M0 O S M1 O S	4444 9040 004 004	000
A Y E A Y E A A A A A A A A A A A A A A		I OP -1491.7	1 IR 0 P 244	HIC OP 1496.61	IR SI 300.0	HIC 09 1450	TC OC MIP MIP MIP MIP MIP MIP MIP MIP MIP MIP	1100 1400 1400 1400 1400 1400 1400 1400	* * * * O
35000	24 24 24 24 24 24 24 24 24 24 24 24 24 2	40 99 20 90 20 90 10 90 10	42 M G M G M G M G M G M G M G M G M G M	41 14.2 101 39.9	40 40 40 60 64 64	40 99 130000 130000	42 46 49 44 44 44 44 44 44 44 44 44 44 44 44	40 57 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	41 5.9 *
PRIMARY CO. TNAME OF STREAD NOT READ NOT STREAD NOT STR	NORDEN BROWN EPRS	** KEAPMEY DIVERSION DAM RESERV** BUFFALO PLATTE RIVER ** NE PUBLIC POWER DISTRICT **	MERRITT RESERVOIR ** CHERRY SNAKE RIVER ** DOI USBR	LAKE MC CONAUGHY DEITH NORTH PLATTE * CEN NE PUB PWR + IR DIST *	CALAMUS CALAMUS RIVERS WPRS	ACTOVATION TO SEGMENT OF A CHORTON THE CHART OF THE CHART AND CHART A CHORTON THE CHART A CHORTON THE CHART A CHARTON THE CHAR	NORTHERN NEGRASKA PLANT NO 1* HOLT NOBRARA RIVER NE PUBLIC POWER DIST	JEFFERY REGULATING RESERVOIRA- LINCOLN PLATTE OFFSTRA- CEN NE PUB PWR + 18 D1ST *	NORTH PLATTE CANAL * LINCOLN PLATTE CANAL * NPPD
A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* NECMRO0240 * * * * 0 020 1 * *	ARIMAGORON NEO-MAGA A R DRA I A R I	NECHROSSOS NESTOSSOS NESTOSSES NEW H * * *	NEITHROOPIS * * NEOLOGES * * S OFC I * * * * * * * * * * * * * * * * * *	NECMRO0247 *	NEIRROCCRS NEOROS NEORO	NEGMROO228 * NEOO628 * S DRC I *	NEHMRDORUS # NEO1036 # S DRC I # S	* NEIMROOSOS * * * * * DRA I *

DATE IS FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18,48 PAGE 133 OF TABLE 1

* *	3	# ini	*	*	*	*	*	*	*	*	*	*	*	*	*
THE OF THE STATES OF THE STATE	* INC. CAP. *INC. ENERGY*FINERGY COGT* FRC NONFICENCY IC.	ERC COMPOSITER	A COMPURNOR RANK)	. (SEQUENCE RANK)	(SEQUENCE RANK)*	法教授教授者教育教育教育教育教育教育教育教育教育教育教育教育教育教育教育教育教育教									经保存的股份股份股份股份股份股份股份股份股份股份股份股份股份股份股份股份股份股份股份
E C	ECO	OHO	KA	32	Ž,	***									***
E CO	Ŝ	2	ENC	DENG	OUE	***									***
K (1)	3	•	SEGL	(8EG	(36	***									***
* * * * * * * * * * * * * * * * * * *	* 100	*				***	*	*	*	*	*	*	*	*	***
K (1)	2		8	LEIV		***	C	0				0	•		***
1	ERG		(1000 8)	(TEEL)		***									***
A * 0	7.*E	*	*	*	*	***	*	*	*	#	*	*	*	*	****
X X	2002	ATOT . ENERGY #	ZEE.	(XXX)	CERE	****	19540	Č	19540			30000	Ö	_	***
	E C	01.6	Σ	ž	Ē	松水水水	-		- •			P)			***
	. * I	*	#	#	*	***	*	*	*	#	*	# 00	*	*	***
1 V	CA P	AP	£	£	(XX)	****	39900		39900			7838			* * *
181)	ပ္	OT. CAP.	ž	£ ₹	3	在 本 年 年									***
₩	≘	<u>~</u>	*	*	*	***	*	*	*	*	*	*	*	*	***
I	е С	÷	_	FT.	· ~	*****	32,0	20000	21.5			0	0	0	· 安安在安全的有效的,但是一种的,我们们的有关的,我们们的有效的,我们们的有关的。
DAM	Fe.×	Œ Œ	(FT)	(AC FT)	F (FT)	***	6 -3	8	N						***
 	ALCINGTATOR A STATES AMX STORS	AVE. D .PMR. HD.	*	*	*	***	*	*	•	*	*	*	*	*	***
1 N	1708	'n.			(CFS) *	***			1636.04						* * *
ROS	E CO	⋖				***	I	Č	•			I	8		***
	* !!!	*	*	#	*	***	*	*	*	*	#	*	*	*	***
ITU	in Li	ARE	Co M. CO	(D H G)	E.	***	41 28.0	7 22.0	57600			30.0	35		**
LAI	9 10 10 10	DR. AREA	9	9	(SO.MI)	*******	4.1	6	g.			41 30.0	4		***
K *K K K		*	-tx	*	#	*	*	*	*	*	*	7	•	*	
k k k	STRE					***	X	ANAL	100				ANAL		***
	is.					***	202	L'OUP CANAL	H DI				LOUP CANAL		***
X Z	N W W	Œ W Z Z C				***	A.X.	2	Ē				9	_	***
JEC	1	ī				***	JCK-L		¥nd ~					īdd ~	***
i OL	ນ *					****	MARCE	.	IVER			. -		IVE	· 有 年 年 1
K K	TAAR				4	**	E E	ATTE	9			30 av	۲	<u>4</u>	***
K K t	O.	*	*	*	*	***	* LA	<u>₽</u>	* .E.B	*	*	Œ₩.	* POLK	-	· · · ·
2	D Z	OE O	300		ec.	***	243	10 10	H			801		н	***
10	1 ID	- -	Ü	12.1 1 51 14.	STATUS	***	VROO.	£010	ORC			MROOM		A CO	***
A PE N TO NO A PROCED NAME	Σ	* ACTV	CODE CODE	-	6 03	T 教育教育教育教育教育教育教育教育教育教育教育教育教育教育教育教育教育教育教育	* NEHMROOS43 * LAKE BARCOCK-LAKE NORTH	z	+ 5 DRC I + LOUP RIVER PUB PWR DIST			* NEINTOOBOL * MONTOR		* 5 DRA I * LOUP RIVER PPD	化物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物
r 🛊	*	*	*	*	*	*	*	*	*	*	*	#	*	*	*

DEVELOPAENT ADDITIONAL > 0 13 13 13 13 13 14 POTENTIAL FOR CAPACITY AND PHYSICAL HYDROELECTRIC

A O A A ME A O P A P A D A

* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # #	** ** ** ** ** ** ** ** ** ** ** ** **	*	***	**	**************************************	*	***************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************	**	**	***	** ** ** ** ** ** ** ** ** ** ** ** ** *
HZ	* * * * * * * * * * * * * * * * * * *	* 1 * 1 * 4 * 3	* 3 1 * 2 1 * 5 1	*	* * * * * * * * * * * * * * * * * * *	*	* * * * * * * * * * * * * * * * * * *	* 10 1	****	# CC + C	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* 3	**	******* TOTA.	1 A M M M M M M M M M M M M M M M M M M	**************************************
4 (1) (4 4 4 4 4	**************************************	X X X X X X X X X X X X X X X X X X X	EXECT OF SECTION AND ADDRESS OF SECTION ADDRESS OF SECTIO	* 1	2	EXISH INSH	* * * * * * * * * * * * * * * * * * *	W P C C C C C C C C C C C C C C C C C C	x - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	K	* * * * * * * * * * * * * * * * * * *	UNDEK UNDEK BOTEN BOTEN BOTEN	* + + + + + + + + + + + + + + + + + + +	**************************************	**************************************	CND CK	1
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	000	**** ***** *****	(1		* * * * * CCC	* * * * * 000 00	000	000	000	000	000	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * * *	* OO * * * * * * * * * * * * * * * * *	* * * * * * * * OOO * CO * CO
00 #	**************************************			000		000	* * * * * C C C C	000	222	000	000			* * * * * * * * * * * * * * * * * * *	* * * * * * * * OOO * OO	* * * * * * * * COO * B * OO *	* * * * * * * 000 * 00
	**************************************					000	* * * * * * * * * * * * * * * * * * *	000	00	000	000	000		# 01 M # 02 M # 03 M	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # NOO : # MN
0 # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	000		000	· •	000	***** 000 00	* * * * * C C C	000	000	000				* * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# # # # # # # # OOO # # 0 # OO
TOTAL	* * * * * * * * * * * * * * * * * * *	Man a	MU +			000	* * * * * OCO OO	****	900	0000	000			* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
*****			EXISTING ADDITIONA UNDEVELOP *****	EXISTING HYDROPOWER ADDITIONAL POTENTIA ************************************	* ▶ 1.	2	*		# * # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #		A A T	A GIVEN HEAD RANGE CALVEN HEAD RANGE CANNOT CANNOT HEAD RANGE CANNOT CAN	(0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	F COLUMN (GIGAWAT)	8 8 AND 4417 ATT) 41 A	* * * * * * * * * * * * * * * * * * *

S C A L O E V E L O P M R N A 1 A E S O V N ADDITIONAL > © 32 33 34 34 34 0 O N 8 T A T 0. 0. CAPACITY POTENTIAL RUELECTRIC PHYSICAL 0

iai

iii I

z

"好多为外的母亲还是有多	£ .	M	** * * * * * * * * * * * * * * * * * *		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		N o o o o	F COLUMNS 2 AND 3) E (MEGAWATT) (GIGAWATT-HOUR)
*****	: 1	K * * * * * * * * * * * * * * * * * * *		****	M	0	n o n	OF COLUMNS 6 GE (MEGAWATT
***	t 1	* * * * * * * * * * * * * * * * * * *			00 ↔ W	C	กกก พ	SUM ARAN EE
***************************************	t 1	2	0 0	0 0	0 0	0	0 0	COAPTION COA
	2 2 3 3 4	W P C C C C C C C C C C C C C C C C C C	****	****	*****		****	Z O X
1	3 X		0	0 0	0 0		* * * * * • O	2 4 2 2 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4
T CATACLITY		K # # # # K H H O O O O O O O O O O O O O O O O O	0		0 0		0	## ## ## ## ## ## ## ## ## ## ## ## ##
INCREMENTAL	r :	K	****		****	0	0	
	10	* D D W S D D W S D D D D D D D D D D D D	* * * * *		* * * * * * * * * * * * * * * * * * *			
POTENTIAL	k 33 -	N	****					* ONG * AC ONG
1	E E	* * L O O O O O O O O O O O O O O O O O						A X X X X X X X X X X X X X X X X X X X
1		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	k .	*	* * * * * * * * * * * * * * * * * * *	*	*	î ⊢ `⊢
	THE STANFORM	*	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * O * * C	* * * * * * * * * * * * * * * * * * * *		* OPD * * OPD * * * OPD O
	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*	化 化 ★	* *	* * * * * * * * * * * * * * * * * * *	# H M M M M M M M M M M M M M M M M M M
	**	* * * LOZ =	* 0 * * * * * * * * * * * * * * * * * *	* ** * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* (1)(1) * * (2) * (4) *	# = 67 W # H H H #
(* * (* * - - - - - - - - - -	* * * * 4 Z O	UXI	* @COG * WHO * X>>	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
: # # :	H Z		* 5 * 4 * 1 * 0	* O * D * 5 * 5 * 8	* 0° * 10°	* C	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #

CATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,31 PAGE 188 OF TABLE 1

FM 1 10 NO ACT 1 DEP CODE CODE STATUS	PRIMARY CO. TENERS CO.	# M M 1 10 NO # PRIMARY CO. #NAME OF GHREAR # ACTV DED # DENNER OF CODE # PILE # FILE # # FILE # # COTATUS # # FILE # # # # # # # # # # # # # # # # # # #	CONSTRUCTION OF THE CONSTR	. a ~	# # # # # # # # # # # # # # # # # # #	LE CONTRACTOR CONTRACT	ALNOTATION TO THE CONTROL OF THE CON		A MANO MODELIC A MANO MODELIC A MANO CONTROL A COMPOUNCE NANK) A COMPOUNCE NANK NANK NANK NANK NANK NANK NANK NAN
A NOOD ON A NOOD ON A NOOD ON	** TALTON TOORTA OF THE FORK T	ATATATATATATATATATATATATATATATATATATAT	######################################	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	## ## ## ## ## ## ## ## ## ## ## ## ##	# 0 0 0 0 # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	在 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化
NVZSPKO750 NV8COO1 9 ICT	* LAMNILLE POWE * ELKO * NEVADA POWER	POMER PLANT LAMOILLE CREEK MER CO	40 411 11 11 11 11 11 11 11 11 11 11 11 11	21 24 34 34 44 45 45 45 45 45 45 45 45 45 45 45 45	000	900	00 4	CO	
NV6NPW0386 NVU0001 S DRC I	* PATSVILLE * ELKO	**************************************	41 47.9 115 57.2	TH 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	W W W W W W W W W W W W W W W W W W W	C * ** (** **) *** *** *** *** *** *** *** *** *	Cara Onio Min Min Min	1417.7	
NV6NPH0387 NVH0002 S DRC I	* SKULL CREEK * ELKO	* * * * * * * * * * * * * * * * * * *	41 11 11 11 11 11 11 11 11 11 11 11 11 1	1	100 m 100 m	O IN 49 0 40 14 41	44 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 4 10 4 10 6 10 6 10 6 10 6	
NV6SPKO742 NVUOOO4 S DRC I	* VISTA RESERVOIR * ELKO	RTI A M A M A M A M A M A M A M A M A M A M	41 19.7 115 15.0		W-0000 W-0000 W-0000 W-0000	000	0444	000 000 000 000 000	
NVCSPK0749 NVO0110 S DRC	* ELKO THE RESERVOIR * ELKO TH TH MESOUITE LAND CO.*	VOIR THOUSAND GPRIA CO	41 31.7 114 21.7 801.7	1 0p ***********************************	N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		000	10 1- 10 - 10 - 10 - 10 - 10 - 10 - 10 -	
NV63PK0756 NVU0007 S DRC I	* FORT MCDERMITT * HUMBOLOT *	A * * * * * * * * * * * * * * * * * * *	41 86.4 4 4 140 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100 III	44 000 000 000 000 000	9 G	ON 60 60 60 60 60 60 60 60 60 60 60 60 60 6	17.1 10.00 10.00 10.00 10.00	
NV6SPK0755 NVU0006 S DRC I	* MCDERMITT CREEK * HUMBOLDT *	MK KROSERVOIR MCDERWITH CRE*	11. 11. 11. 10. 10. 10. 10. 10. 10. 10.	HH D 80 14 44 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	01:04 01:04 00:04 00:00 00:00 00:00	O 4 4	* * * * * * * * * * * * * * * * * * *	M UR M M M M M M M M	
NV6SPK0757 NVU0D08 S DRC I	* SUGARLOAF RESE * HUMBOLDT	NV6SPK0757 * SUGARICAF RESERVOIR * NVUODOS * HUMBOLDT MARTIN CREEK * S DRC I * HUMBOLDT	41 We 1 * 117 24 * 9 * 172 4 * 6 * 4	M H M M M M M M M M M M M M M M M M M M	MS0.00 167400 897.7	000	#### Onin © e M m	5568	

ACTV DEP ** CODE CODE ** STATUS **	DAILIARY CO. INAME OF GHAMAI	1 to 1	* * * * *	****	AT CAS	* * * * * > > 0 0	# (8000) # # (81000) # # (81000) # # (81000) # # (81000) # # # (81000) # (81000) # (8	FRC NONECONOMIC FRC COMPOSITE (SECUENCE RANK) (SECUENCE RANK)
A NVUODIS A A UNIONIONA A A NVUODIS A A A UNIONIONA A A A II	**************************************	######################################	**************************************		**************************************	* * * * * * * * * * * * * * * * * * *	44 44 44 44 44 44 44 44 44 44 44 44 44	化银铁银金银铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁
NVGSPK0765 NVRQOOO	26 FOOT DROP POWER PLANT LYON V CANAL CCARS. SIERRA PACIFIC POWER CO	**************************************	100°00°		# # # # # # O O O BO #9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88	. 6
NVCSPK0766 S NV10132 B S DRC S	F MEDRY RESERVOIR F MINERAL FALKER RIVER F DOI DIA	4 W9 Ra7 4 4 118 Site 6 4 4 4 10 10 10 10 10 10 10 10 10 10 10 10 10	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	- K-	99 89 0 44 0 44 8 8 8 8 8	100.970	
NVCSPKO768 NVOCO6W	LOWER PITT TAYLOR RESERVOIR PERSHING HUMBOLDT RIVER	4 100 Mb . 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # C M.D.	000 000 000 000 000	** * * * * * * * * * * * * * * * * * *	999	2. 0 2. 0 2. 0 2. 0 3. 0 3. 0 4. 0 5. 0 5. 0 5. 0 5. 0 5. 0 5. 0 5. 0 5	
NVCSPKO769 NV10124	RYE PATCH RESERVOIR * PERSHING HUMBOLDT RIVE * US - WPRS	** ** ** ** ** ** ** ** ** ** ** ** **	185. 0P 170.05	213000 # 63.9 #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2000 2000 2000 2000	
NVASPKO770 NV10121	DERBY DAM BOTOREY TRUCKER RIVER BUS + MPRS	# M9 MS.1 # # 1400 # # # 1400 # # # # # # # # # # # # # # # # # #	11 HS 800 008	00 P		0 N N	36 11 100 100 100	
NVCSPKO771 NVOODSS S ORC	* UPPER WALL CREEK RESERVOIR * WASHOF WALL CREEK * LEMTS COCKRELL	* 41 41 9.6 119 48.9 843 4	1 00 04 40 00 00 00 00 00 00 00 00 00 00	10 00 0 0 00 0 0 0 0 0	5 5 5 5 5 C 10 10 10 OH 04 OH 04	66 60 60 64 64 64	20 00 00 00 00 00 00 00 00 00 00 00 00 0	
NV6SPK0777 NVU0023	* KEYSTONE RESERVOIR * HITTE PINE GLEASON CREEK	4 39 17 9 4 4 114 136 4 4 4 114 136 4 15		0.00		* * * * *	477 4W	

'			
			- -
			· ·

I

te:		
_	-	
~	Z	
Ü	فعة	
	æ	
6 0	О.	
	0	
ئـ	نــ	
ك	ia)	
⋖	>	نده
Σ	ia.i	œ
62	0	 -
U 2	0	
		I
_	>	
4	G	0
2	Œ	I
0	LLJ	•
	z	×
<u>-</u>	W	
H	W.	k
۵	0	2
0	z	
⋖	⋖	
		ŧ.
æ		0
0	>	
La.	-	
LA.	-	₩
	u	
_	⋖	▼
~	Q.	
-	⋖	60
-	Ü	
z	_	لطا
Tau		I
3	u	-
.	₩	-
	æ	
۵	}- -	2
	u	-
_	i.i	
⊲ ⊠	_	
ن	ini	
⊢	-	
002	œ	
• ≻	6	
T	æ ≻	
_	-	

w < c	* * *	+ + + + +	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1		1	70 TEN	AL T	REMEN	Y C	α ×	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8					***
E EL	. 4 J 0	-	Σ 3.	35 32 10			* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * *	* * * * * * *	* 3 2 4 0 4	* 3	* * * * * * * * * * * * * * * * * * *	***	************	* 3 %	**
# 4년 # #	3 T 9	**************************************	**************************************	M W W W W W W W W W W W W W W W W W W W	10 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * *	M X H X H X H X H X H X H X H X H X H X	* E E C :	* # * * * * * * * * * * * * * * * * * *	* F F G A A A A A A A A A A A A A A A A A	* W U U W W W W W W W W W W W W W W W W	**************************************	TOTAL** TOTAL** INCR**	**************************************	**************************************	FNDEX*	4 HO 4 H H H H H H H H H H H H H H H H H
0			K K K K K K K K K K K K K K K K K K K		•		# N	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * O * * O * * O	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* C	0.00 ± 0.00 ± 0.00
5		7.0		k k	# 60 t/n +	# # # # # # # # # # # # # # # # # # #	# P.U. # P.U. # eM. # em. e # # # # # # #	* * * * * * * * * * * * * * * * * * *	* **** * ****	* 00 ° * 4 ° 00 ° * 4 ° 00 ° * 4 ° 00 ° * 4 ° 00 ° * 4 ° 00 ° * 4 ° 00 ° * 4 ° 00 ° * 4 ° 00 ° ° 00 ° ° 00 ° 00	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 000 * 200 *	* * * * * * * * * * * * * * * * * * *	**************************************	# # W # # # # # # # # # # # # # # # # #
O 4					* - ;	*	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* 0.00 0	* * * * * * * * * * * * * * * * * * * *	* O.O.O.
C		. ecc . ecc . ecc . ecc	* * * * * * * * * * * * * * * * * * *			* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* • •		* *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* ** * * * * * * * * * * * * * * * * * *	* M M M M M M M M M M M M M M M M M M M	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
\		MO-14	R R R R R R R R R PP (U) 4 1 R PP (U) R PP (U) R PP (U)	表 表 表 表 表 表 表 表 表 表 表 表 表 表 表 表 表 表 表	* * * * * * * * * * * * * * * * * * *	* 00 00 00 00 00 00 00 00 00 00 00 00 00	# M # M # W # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	* N * N * OO * * N * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 000 * 000 * 000 * 000 * * * * * * *	* * * * * * * * * * * * * * * * * * *	* WRU * MORU * O 0 0 0 * O 0 0
	WALL OF THE COLUMN	# H H H	TNSTALLED CAPACITY A TOCKEMENTAL CAPACITY A POTENTAL CAPACITY A	A CAPA		*	* 3 SE	* Z Jaw * D 4 Z * W D U W * B	N 0 N % % % % % % % % % % % % % % % % %	* * * * * * * * * * * * * * * * * * *	*	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* M

N H N 0 DEVEL ADDITIONAL ex ex ندا æ 0 Z Z POTENTIAL CAPACITY PHYSICAL HYDROELECTRIC

E E E

=

la.

0

STATE

ILI I

z

# 1 # 1				**************************************		**************************************	AND 3)
# # # # # # # # # # # # # # # # # # #	K Z Q F Q #		*****				NA A P
# · · · · · · · · · · · · · · · · · · ·	***********	1 00 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *	****	(wice d (d (d t t t t t t t t t t t t t t t t t t		
* * * * * * * * * * * * * * * * * * *	* * * *			# # # # # #		MO 1	ES CONTRACTOR
# 3 ·	# # # # # # # # # # # # # # # # # # #	CC	CC 1	CC		(00 e4 4 (erieri 4 (i erieri 4 (i erieri 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ALL SIVEN
	X	00		00	00		IAL AT
	X			CC		1	C P C P C P C P C P C P C P C P C P C P
*	* * * * * * * * * * * * * * * * * * *				1 0 00 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	**************************************	# H D E D D D E D E D E D E D E D E D E D
	# 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	00				* * * * * * * * * * * * * * * * * * *	N DEN N N N N N N N N N N N N N N N N N
# # # # # # # # # # # # # # # # # # #	2 2 0 1 2 0 0 1 2 0 0 1 2 0 0 1 3 0 0 1	CCC	CCC				
r * m	E E E E E E E E E E E E E E E E E E E		K 666 1				X
**	* * * * * * * * * * * * * * * * * * *	000		* * * * * * * * * * * * * * * * * * *		بيسيسب ع	
* * * * *		# # # # # # # # # # # # # # # # # # #	*	* ~ ~ 0 * ~ 0	* -	k () k	NATION NA
* 10	# # # # # # # # # # # # # # # # # # #		* * * * * * * * * * * * * * * * * * *	* CO	* 00 * *	*	*
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 00 * 2 'C * 12 'C * 12 'C	* M * M'*L * M'*L	# (m) (() # 0:10 # m 0 #	# # = = = = = = = = = = = = = = = = = =	* * * • • • • • • • • • • • • • • • • •	**************************************
在 在 在 在 在	* * * * * * * * * * * * * * * * * * *	* * 4 * 0.0	* = = = = = = = = = = = = = = = = = = =	# MGM # .40 # .50 # #	*	# @ QU OF #	# H H H # #
****** *	#2 #2 #>₩	* NOW * DAN * NOW * NOW * NEW	* 0.00 * 200 * 342	* * * * * * * * * * * * * * * * * * *	* WF5 * 808 * X&W * D4Z * 20W	* 20M * 20M * 20M	## ###################################
			# 0° # 21 # 16 # 16 # 16 # 16 # 16 # 16 # 16	*	* 4 * 5 * 0 * 0	* * * * * * * * * * * * * * * * * * *	**************************************

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,000,42 PAGE 35 OF TABLE 1

K #	* *	* *	* *	* * *	#	* *	*	* *	* *	*	* *	# 1	* *	*	# 1	* *	*	* *	*	* *	#	* *	•	* *		* *	*	* *		* *	## 1
	ACHEONOCONOCON COM	1 C	NA WAY	4 4 4 4	434			502			0 2 0				2049			1402				1468			1285			7 2 4 4	7		1428
1 日 1 日 2 日 3 日 3 日 3 日 3 日 3 日 3 日 3 日 3 日 3	DUBLIC	. α. Συ	NCE F	# 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	-			1505			1450	•		5049	•			1402			1468			E. C.) }			453			1428
* CO # CO	200	OUEN BUEN	(SEQUENCE RANK)	有有有有有有有有有有有 在 是 是 是 是 是 是 是 是 是 是 是 是 是	•		1505			1450	-		2051				1402	-		1468			!	1285	•		453	_		428	
K W	•	S S	<u> </u>	* ~ * ~			=======================================	* *	* *	*	* *		iñ * *	*	# -	* :	 * *	* *	*	* *		* •		 * •	. #	* *	-	* 1	. *	* *	* *
# I-	0.81	_	_	# # * ~ 3	-		5	_		40	4		•	4			€0:	ι,		. 1	0			10 4	•		79	P 1		•	
REPRESENTATION OF THE PROPERTY AND THE PROPERTY OF THE PROPERT	NERBY C	(1000 \$	(H3E/6)	**************************************			302.14	81.40		203,1(66.16		1370.	46.304			212,5	_		486.3	70.180			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7			66.36		145	61,775 * 1428
¥ 5	× ×	*	* *	* * * *	.#	* *	*	* *	* *	*	* *	*	* *	*	*	* 4	*	# # M M	#	* *	*	* *	* **	* *	*	* *	*	* +	x - ≰x D	* *	* * *
EXHOU ERE	************************************	CIEL)	CI X X	***********	3204		,	3711		. •	304 04 04 04			2960	960			374			269	C.		2000	35.			200 A			2348
		*	* #	* * *	*	# #		* *	* *	*	* * © ©	**	* * O	*	* *		•	* *	#	• •	4	* *	•	0 3	. 60		0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		•	99
EXHGH COAD	INC. CAP	(\$\$ \$\$	**************************************	. KU		1	132			AN IL AN IL AN AN	1		20000	2000			709			3894	60 60	-	40 M	1 			3	ř		1046
* *	* *		* *	* * *	*	* *	*	* *	* *	*	* *	*	* *	*	*	* *	* *	* *	*	* *	*	* *	*	* *	*	* *	*	* *	* *	* *	0.0
10. 11. 11. 11. 11. 11. 11. 11. 11. 11.	.XX.840%	(7.7)	(AC FT) (FT)	****	11,0		11,0	11.0			0000 0000 0000		8 4	4500	95.			2 N			47200			0 C	68,0			0511	2	112.0	112.0
* .		•	* *	* * *		* *	.	* *	* *	*	* *	*	* *	*		* 1	* *	* *		* *	*	= 1	* *	* *	, N.	* *	*		K *	* *	* *
* 2	ATUS		(CF3)	* * *	-878.8			536.0			4 20	3			*1051.1			-911	•			169-			96.				7		W.
N TO KE	STATUS	t		* C C			0			Š		•	1		-			6		-	Q.	•		ı c	à		•	6	•	C	09 •33
# # # W	# 4 Mai	*	* *	* * *	#	* *	#	* *	* *	#	* 1	* *		*	*	* 1	*	* *	*	• •		* 1	* *	* *	*	* 1				* *	
*******	ONGITUDE	֓֞֝֞֝֞֝֟֝֟֝֟֝ <u>֚</u>	(80 M)	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	403		N.	363		8.3	1.9	3	6.7	38.7	4.82			35.6 418		4.4	3.4	357		6 °	, W		58.6	- ·	'n	*	0
****	SNC	(<u>)</u>	200	* M **			43			43 2	_						43			~	==			- - - - -	:		£ 5	7.		97	=
* *	* *	* *	* *	* * * *	*	* *		* *	* *	. *	* 1	* *	* 1	1 N (4)	*	* 1	* *	* 1	*	* 1	x *	* 1	* *	# 1	* *	* 1	* *	*	* *	* *	**
*	EAM			* ×	<u> </u>			¥.			_ 6	Š		UKEE				1 -1							د . د د			o.			980
*	S 1.2			* 4	B0A			15 SA			THE PERSON			MINNIPESAL				11日 20日 22日 3日				cu.			ELEC			X			-
÷ ₩	40			* 4	(A)						ニュー	S U		1 2 2				ŭ 2 2				er er			HYDRO			PEGUAWKT			WILDCAT
* * Z	¥ u	r L		¥ = 3	DUR			3 K			3 0			3							C	POEM RES						O.			3
## EC##	CO. INAME	2		44.44.44.44.44.44.44.44.44.44.44.44.44.	RESOURCES BOAR		Z.	TINNEDEROAUKER TEGOLISERS BOATO			12213	0 U					n:	NOF		3				FALLS	FALLS						CARROLL WILDCAT BR UNKNOWN
* C	E			* * I	Or LLL)		_	_									<u>د</u>			2 2 3	3 -	HAINE					0			a	
# Q. # #	> a			**************************************	T. Z		ORT	BELKNAP Ni mater	ı	ERE	0 4 7 2 2 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	*	2	4			S d	BELKNAP TOWN OF	•			RAL		GOODRICH	GOODRICH		PEGIIAWKT	CARPOLL	Z 3. 3.	į	E S
*	MID			***	Ξ		LAKEPORT	2 Z		LOCHMER	BELKNAP	r.	20	BELKER			Z	E X		> 0 0	CARPOLL	CENTRAL		600	200		E 0	A 70	Z Z Z	74.00	CARROLL
*	ā.	* *	* *	* * *	Z	* •	こ •••	ē ž	* *	ت • :	æ :	z	:ř	- 60	*	* +	Z * *	60 F	: *	. * 1	: .	*		* 4	* *	* 4	* *	*	⊃ * *	* 1	* * *
* D	2 1	7 E	FILE *	* 40 C	H	•	5	•		7.3	N F	-	2		H		89		•	2		•		020			397	943		C	
* QI	£ 6	נו	rie Tus	# # C	25.0		0.85	NIONING DRC		503	382) E	10.00	9147	Dic		E055	4017		e C	3	DRC		100g	2000		ED 5	6	280	e c	NHOROO
化化学 医克里氏性 医克里氏性 医克里氏性 医克里氏性 医克里氏性 医克里氏性 医克里氏征 医二乙二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二	E C	> LL	F 8	キャネネルルタイトン アエアアのいいしい アンド・ハーズス			NHONED8501	Ĭ		NEWNEDSSAN	Z,		7	0101V	_		NEWNED 51368	Ĭ		. 6	TO THE TANK	_		NHGNEDBORD			NHANEDS597	I			Ž
**	1	7 2		* Ż	ณ				ا . م	ź	* *	V -	* 1		a;		z * *	* 1		* 1	: . *	™		Z			Z • •	*	ņ * *	* 1	

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,42

- A W	Q.	* CD MARCA CO MARCA C	* * * * * * * * * * * * * * * * * * *	2	1MF 400 400 400 400 400 400 400 40	O O O O O O O O O O O O O O O O O O O	ANUL. COGT ENERGY COGT (1000 6) (S/KKH)	AFRC ECONOMICA * ERC NONECONOMICA * ERC COMPOSITE * (SEQUENCE MANK) * * (SEQUENCE RANK) *
A # # # # # # # # # # # # # # # # # # #	SANSARANANANANANANANANANANANANANANANANAN	****	* 00 * 00 * 00 * 00 * 00 * 00 * 00 * 00	# O O	在		# # # # # # # # # # # # # # # # # # #	ORGUNDUC
NHANEUS SIGNATURE SIGNATUR	ASHUELOT R CHESHIRE HOMESTEAD MODLEN CD.	4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	0.0 M M M	000	900	表 集 集 表 表 表 O 可 可 m m m m m m m m m m m m m m m m m	181. 17.70	1 7
TINEOUSELL NICHTANN N	ASHUELOT RIV ASHUELOT R ASHELOT PAPER CO.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	000 N +	0 N N		(1) M (1) M	1275 1275 1275 1275
NITANGONGON X X T 4406 N X T C C C C C C C C C C C C C C C C C C	ABNIELOT JIV RAUBELOT RAUBELOT RAUBELOT RAUBEL ONEAL PAPER GERVICE RAPER	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	N	2.0 0.0 0.34	IN IN	200 400 30 30 30 30	1323 1323 1323
NIMNEDUSES WAS TANKED OF COLORD WAS A MANAGEMENT OF COLORD WAS A MANAGEMENT OF COLORD WAS A MANAGEMENT OF COLORD WINDER OF COLORD WAS A MANAGEMENT OF COLORD	ASHUELOT RIV CHESHIRE PURLIC SERVICE CO. OF N.H.	2 th 2 th 2 th 5 th 0 th	***** 0°909 000 ****	* * * * * C C C C C C C C C C C C C C C	000 N440	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00.00 00.00 00.00	1350 1352 1352 1350
NHGNEDSO21 # NHGZO28 # # DFC # #	CONTOCOOK RIVER 4 CHESHIRE CONTOCOOK RIV	40 40 10 10 10 10 10 10 10 10 10 10 10 10 10	T T T T T T T T T T T T T T T T T T T	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* * * * * * * * * * * * * * * * * * *	ÇO	
T A RECOGNINATA OFFICE OFFI OFFICE OFFI OFFICE OFFI OFFICE OFFI OFFI OFFI OFFI OFFI OFFI OFFI OFFI	MINNESARA BROOK TERRIN * CERBITION MINNESARA BROOK	40 40 40 40 40 40	*****		N N N N N N N N N N N N N N N N N N N	111000 11000 11000	9.00 8.00 9.00 9.00	1503 1503 1503
NHGNED 8004 # NH61506 # # OFC	ANDROGOGGIN TEO COOS BROWN, NH INC.	44 23 4 71 10 2 1431	T	***** OOS ** O	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	27000 27000 27000 8 * * * *	CC	
* NHGNEDSO16 * NHG1605 * NG DRC	A ANDROSCOGN ONE A A COURS A ANDROSCOGN RIAR B ORDEN NH INC.	48 36 18 18 18 18 18 18 18 18 18 18 18 18 18	T T T T T T T T T T T T T T T T T T T	2 2 2 4 0 0 0 8 4 4 8 8	4 4 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	80.659 4.5012 4.5012	1036

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,43 page 37 of table 1

* COUNTY		* * * * *	1369	1401 **	* * * * * * * * * * * * * * * * * * *	1162 * 1162 *	* * * * *	K K K MONT	を
* # # # # # # # # # # # # # # # # # # #	k k k k		1369	1401	1050	1162		1398	1373
* F		****	4 * * * * * * * * * * * * * * * * * * *	26.00 26.00 26.00 26.00	11 12 14 15 15 15 15 15 15 15 15 15 15 15 15 15	246.67 20.836	00	147 . US	10 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A C TEE) A C CEE) A C CE		* * * * * * * * * * * * * * * * * * *	* * * * * * O	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	110000	11 11 00 00 00 00 00 00 00 00		**************************************
######################################		* * * * * * * * * * * * * * * * * * *	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	130000 174000 174000		# # # # # # # # # # # # # # # # # # #	44	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * * * * * * * * * * * * * * * * *	# # # 4 4 # 0 10	* * * * * O O O H O	1000000	* * * * * * * * * * * * * * * * * * *	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * 0000 900 900	* * * * * * * * * * * * * * * * * * *	000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* # # # # # # # # # # # # # # # # # # #		T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	0.09	T C C C C C C C C C C C C C C C C C C C	0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	T C + T C M M M M M M M M M M M M M M M M M M	0. *** 0. *** 0. ***	4
*	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	44 44 44 109 109 109	11 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	44 84.0 71 7.1 1372	2.1. 2.1. 0.0. 0.0. 0.0. 0.0. 0.0.	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 44 M7 • 1 400 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
AKAKKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKA	AFARARARARARARARARARARARARARARARARARARA	A ANDROS DOMERA ANDROSCOGGIN A SROEW, NH INC. A SROEW.	FERRIL DAM ANDROGCOGN ** COOS MATER POWER CO. **	COOS CON R COON R COOK	4 J. BRDDIE SMITH CODS PUBLIC SERVICE CO.	COOS FRANCIS CONN R COOS ROARD	* LEAD MINE BRIDGE * COOS * BROWN, NH INC.	* NEW ENGLAND ELECTAIC SYSTEM ** CDDS CONFECTICUT R. * NEW ENGLAND POFER CO. **	* NHCNEDS71S * PONTOOK DAM: * NH 1202 * COOS * ND RC OT * DIPECTOR DIVISION OF PARK +
77 2 40 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	** NHGNEDBOO1 ** NH60426 ** ** 2 DFC **	*	NHINEDSALS	NHGNEDBOOD NHGORDBOOD NHGORNO NHGORNO NHGORNO	THE MEDIANGE TO THE MEDIANGE TO THE MEDIANGE TO THE	THURNESOON THE THURNESOON THE THURNESOON THE THURNESOON THE THURNESOON THE THURNESON T	A NIENNED SURGES A NIEN	NHCNEDS715

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,000,43 PAGE 38 OF TABLE 1

ANUL. COMT ARRC CONDITION OF THE PROPERTY OF T		* * * * * *	1278.0 * 1457 46. 51 * 1457	149.74 # 1496 78.278 # 1496 1496	141.47 # 1469 70.887 # 1469	1554 4 1451 446,801 4 1451 446,801 4 1451	198.57 * 1382 51. 59 * 1382 518 5	314,22 h 1161 19,980 h 1161	2050a1 * 1321 39.768 * 1321
A	**************************************	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #		* * * * * * * * * * * * * * * * * * *	**************************************	Omin CO MM MM	M 137 969 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9	
M W W W W W W W W W W W W W W W W W W W	######################################	M1748	Omm Inth No No No No No No No No No No No No No		24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 h h	20 M W M W O W W O W W W W W W W	0 M 0 M 0 M 0 M 0 M 0 M 0 M 0 M 0 M 0 M	14 400 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
E SE CE	**************************************	7	17.00.77	000	M M M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	# # # # # # # # # # # # # # # # # # #	444
	**************************************		* 0 * 0P * 12575.1	0.0 mm mm m m m m m m m m m m m m m m m	0.0	***** GO 4 8 8 8 9 9 9	0.00 0.00 0.00 0.00	TC 1000000000000000000000000000000000000	II IIP W170.63
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 26.2 71 10.7 1370	44 28.2 71 10.7 1370	44, W 55, W 50, W	44 01 07 11 04 04 04 04 04 04 04 04 04 04 04 04 04	44 12.8 71 51.7 258	44 10 0 71 57 7 327	23 MS 9 4 4 4 4 4 4 4 6 4 4 6 4 6 4 6 4 6 4 6	44 19.7 72 0.0 1635
10 C C C C C C C C C C C C C C C C C C C	A NOROGOOOAA	ANDROSCOSCIN * * * * * * *	ANDROGOGN RES	CC RIVER AHMONGOR	CO PPER AMONOUN	AMMONOOUC CO. OF N.H.	AMMONDOSCO KING CO.	* * * * * * * * * * * * * * * * * * *	****
TO NO # PRIMARY CO. TANAME OF SHREADED OWNERS TO SH	RTVERSIDE ANDROSCOGGI	SAHMILL CODS BROWN, NH INC.	SAWATLL DAM COOS BROWN NH INC.	UPPER AMMONGOSUC COOS GROVETON PAPER C	UPPER AMMONDOSUC RIVER COOS UPPER AF GROVETON PAPER CO.	AMMONODSC RV 1 GRAFTON PUBLIC SERVICE	AMMONDOSUC ONE GRAFTON DIAMOND WOODWORKING CO.	AYENG INCAND GRAFTON PUBLIC ORBVICE	COMERFORD GRAFTON CONNECTICUT NEW ENGLAND POWER CO
* * * * * * * * * * * * * * * * * * *	NHGNEDBOOM NHGOBUGOOM	NHGNGDBOON A WINGOOM A WINGOOM IN DIFC	NEWNEDOWOO # NEOCOM M	NHKNEDDSDW # NHOWING # PRC PRC # PRC	NHMNEDAGGO NHONGOA NHONGOA P DRC	NIMNEDS0100 NH 20100 S	NIMNEDUSSIA NI Wife A DRO G		NHGNEDBO10 # NH62792 #

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,000,43

E EHOXZA	274 274 274 274 274 274 274 274 274 274	267 1267 * * * * *	552 1987 4 7591	ERRET	60 60 44 60 60 60 64 64 64 64 64 64 64 64 64 64 64 64 64	25.54 1.55.54 1.55.54 1.55.54	1035	4 0200 4 0200 4 0200 4 0200 4 0200
	1202 1202 1204 1474 1474 1474 1474 1474 1474 1474 1		1527	1513	1458	1524	1035	1426
**************************************	**************************************	600 000 000 000 000 000 000 000 000 000	00 00 00 00 00 00 00 00 00 00 00 00 00	4 4 4 4 1	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	200 200 200 200 200 200 200 200 200 200	4 4 4 4 4 4	00 10 10 10 10 10 10 10 10 10 10 10 10 1
*****		M M M M M M M M M M M M M M M M M M M	* * * * * *	000 000 000 000 000 000 000 000 000 00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	UIU 00 00 00 00 00 00 00 00 00 00 00 00 00	4	** * * * * * * * * * * * * * * * * * *
K 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	K K K K K K K K K K K K K K K K K K K	ww 44 000	*****	**************************************	C 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6.6 2.3 0.00 8.8 8.8	1109601110960	4 10 1/2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
# # # # # # # # # # # # # # # # # # #		***** 000 • • • • •	* * * * * *	N N COO	000		000 000 000 m m	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	######################################	60 60 60 60	09 0P *212.9	00 075 44 44 44 44 44	00 40 45 60 84 84 84 84 84 84 84 84 84 84 84 84 84	950	T.O.O.	0.0
* Jeauuu	x x x x x x x x x x x x x x x x x x x	44 44 44 44 44 44 44 44 44 44 44 44 44	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MU 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	27 W W W W W W W W W W W W W W W W W W W	24 25 25 25 25 25 25 25 25 25 25 25 25 25	100 mm m
TAMEN TO THE TAME TO THE TAME	A SA	A MAD RIVER DNE MAD RIVER A GRANTON MAD RIVER A CUBDA FOREST GRIVICE A A CAST A	A HASCOMA ALVEN TINEE # GRAFTON MASCOMA RIVERS # TOWN OF LEBANON	THE MACCORA PIVER TEN TAGGOLA RIVERATA GRAFION TAGGOLA RIVERATA TOWN OF LEGRANON	THE TROUBLE DIVER GRANTON TANCOTA RIVERS RE ORANTON TANCOTA RIVERS RE OR DRVELOPMENT CORP.	HANGOUA RIVER EIGHT REGRAFTON. RASCOTA RIVERS R DANTELS TRANSPORTATION CO	A N E POWER O CONN. RIVER A R E POWER CO.	A NHANEDASSA * NEWFOUND BIVER ELEVEN A NH20560 * GRAFION A DRC * HENRY HARRIS
* 6 6 4 6	A COO O O O O O O O O O O O O O O O O O	NIANTED BUSES	MINION NINCE NO SERVING NINCE NINC	NHMNEDBUS AND NO SHOOT OF CORCOUNTS	** NHXNEDSS17	MONOUNCE OF THE PROPERTY OF TH	A NIGNED BOLL A NIGNED BOLL BROWN BR	N THEORES

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,43 PAGE 40 OF TABLE 1

đ.	ID NO & PRIMARY CO. INAME OF GIRCHARD CORP & CODE & ILE & ATUS &	****	CON STATE OF	****	AVE S S S S S S S S S S S S S S S S S S S	XX	18 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #			RC ECONOMIC RRC NONECONOMIC RRC COMPOSITE SEGUENCE RANK)
**************************************	**************************************	****	# # # # # # # # # # # # # # # # # # #	*	**************************************	# CO . T. C. I. E.		**************************************	**************************************	10000000000000000000000000000000000000	FACE NANKU AABABABA Wiii Wiii
CONTOCCOOK RI HILLSBORD NOONE MILLS I	RIVER TWO CONTODCOOK RI	चिक्तिः (कक्ष्मक्रकः	12 12 13 14 14 14 14 14 14 14 14 14 14 14 14 14	*****	0 00 41100.34	W W		* * * * * *	92 94 94 95 95 95 95 95	* * * * * * * * * * * * * * * * * * *	526 1526
GREGGS FALLS HILLSBORD N.H. KATER RE	S PISCATAGUG	****	3 1 0 1 34 0 1 4 0	****	0.00 mm m	2 RU 0 00 0 0 00 0	0 40 40		162.73	* 1171 * 1171 *	71 1171
N ML DRO B ASSDC	JACKSON ML HILL GBORD WANDERS ASSOC.INC.	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****		0000	OMM MM PP	2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	194. 7	70 H 177 M 17 A 18 A	MAN MAN MAN
MINES FALLS HILLSBORG NASHUA PARK AN	NAGHUA WA AND ARCREATION OF	****	404 8 4 61			0 IN	O IO IO ED E	8 60 0 00 0 00 0 00 0 00 0 00 0 00 0 00	198 ₀ 17 24 ₀ 726	1194	194
SOUMEGAN RIVER HTLLSBORD HTLLSBORD HTLLS	SOUTHERN ATAM	* * * * * 4 4 70	24 04 0 00 W 01 P	****	0P + 166.9 * *	**** 000 000 N N	COO	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	113 25 13 13 13 13 13	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	60 40 40 40 40 40 40
SOUHEGAN RIVER HILLSBORD TOWN OF MILFORD	SOUHEGAN RIVE	* * * * *	# 00 00 • • PA • • PA • • PA	****	00 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * O O O N N	2 2 0 40 40	* * * * *	146.79 68.90	1463	M. 60
AMOSKEAG Hillsbordugh Public service	MERTHACK RIV	* * * * *	0 4 0	****	TO 000 01 100 01 01	4 4 0 0 0 0	26000 7460 8768 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	20 C C C C C C C C C C C C C C C C C C C	310.20 12.171	1117	1117
CONTOCCOX 3 HILLSBORGUGH MONADNOCK MILLS	CONTODCOOK RI	* * * * * * * * * * * * * * * * * * *	0 5 4 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0	****	# # # # # # # # # # # # # # # # # # #	W W	4 1 M	M N N CO	10 . 4 . 5 . 5 . 5 . 5 . 5 . 5 . 5 . 5 . 5 . 5	1038	20 C S S S S S S S S S S S S S S S S S S

* 20244	* * * * * * * * * * * * * * * * * * *	* * * * * IN	* * * * * *****	1374 *	##### 0183	* * * * * 0° 00°	* * * * * *	1919	* * * * ON * *
**************************************	48488848848484848484848484848484848484	11 W	52.5	374	1310	1489	1480	1519	1420
* * \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	# * * * * * * * * * * * * * * * * * * *	1.1 10.1 10.1 10.1	5.52	1374	1310	1489	1480	18 18 19 19	1420
# # # # # # # # # # # # # # # # # # #	** * * * * * * * * * * * * * * * * * *	M W 44 W	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	167° 88 88 88 88 88 88 88 88 88 88 88 88 88	* * * * * * * * * * * * * * * * * * *	* W * W * W * W * W * W * W * W * W * W	20 00 W		192.67
AN WENT	****	- In H	~ 6	~ in	- AM -	& F	****		··
* Z & E * U U U C C C C C C C C C C C C C C C C	# C O O O O O O O O O O O O O O O O O O	8 000 0 000 1 0 4 0 0	1687	O I	M W 40 40 40 40 40 40 40 40 40 40 40 40 40	11000	11 6 6 6 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 0 0 1 1 0 0 1 0 0 1 1 0 0 0 1 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 0	14 14 00 00 00	ww and on m
包	なななながらなななななななななななななななななななななななななななななななな	M W W W W W W W W W W W W W W W W W W W	97 P.	77.	OP W M M P P	in in	M W W	Osnan OO MM	6 6 W W W W
# # # # # # # # # # # # # # # # # # #		# # # # 0 0 0 14 4 14 6 15 6 16 7 16 8 17 8 18 8 18 8 18 8 18 8 18 8 18 8 18	M M	* * * * * COO N N			44 000 44 4 4 4 4		000 M
* C C C C C C C C C C C C C C C C C C C		100 000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		0 0 10 10 60 1.	* * * * * * * * * * * * * * * * * * *	C DP *211.94	0 ** 00 ** 00 **	5 C C C C C C C C C C C C C C C C C C C
St to I for	# # MO I W	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	43 0°0 4 4 0°0 7 1 55°7 4 1 92 4	21.000 000 0000 0000 0000 0000 0000 0000	43 4.7 4	42 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 44 44 44 44 44 44 44 44 44 44 44 44	4	43 8 5 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
**************************************	SERVER SE	A CACKMAN REGERVOIR A HILLSBOROLGH GACKMAN REGERV 7 A PUBLIC GERVICE CO.	* MONADNOCK MILL * 4 * HILLSBORDUGH CONTOCOOK RI* 7 * MONADNOCK MILLS	* PISCATAGUNG 1 * 4 * HILLSBOROUGH PISCATAGUNG R* 1 * HILLSBOROUGH PISCATAGUNG R* 1 * A NH WATER BEG. BOARO	* GTEFLE POND * HILLGRONDUGH NORTH BRANCH * 7 * NH WATER DES. BOARD	* WALFRLOOM POND * 4 * WALFRLOOM POND * 4 * WITLESBOROUGH SOUHEGAN RIVE* 7 * GREENVILLE MILLS	* BLACKWATER DAK * MERRINACK BLACKWATER * * * * * * * * * * * * * * * * * * *	* BLACKWATER BIVER ONE * * * MERRILACK BLACKWATER RI* 1 * DAVE CHAMBERLAIN * *	* CONTOCOK VALY * MERRIMACK CONTOCOK R * CONTOCOK R * CONTOCON R * CON
**************************************	A A A A A A A A A A A A A A A A A A A	* NHINEDBOIS * NHS1848 * NHS1848 *	* * NICNEDSSIAN * * * NICORDSSIAN * * * DRC ON 1	NHMNEDOSO7	* * * DEC	* NHCNEDSSTAM	A A A A A A A A A A A A A A A A A A A		A NHWNEDSORY A NH 1040 A DRC I

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,44 PAGE 42 OF TABLE 1

MACHON AND AND AND AND AND AND AND AND AND AN	# 10 # 10	4	9921	* * * * * 10 21	* * * * * * * * * * * * * * * * * * *	* * * * * MO W	*****	* * * * * * * * * * * * * * * * * * *	1111
	## ## ## ## ## ## ## ## ## ## ## ## ##	1447	1266	intra i	1492	1103		1394	1114
. + s C C C C C C C C C C C C C C C C C C	**************************************	01-0 6-18 6-18 6-18 60-18 80-18 81 81-18 81 81-18 81 81 81-18 81 81 81 81 81 81 81 81 81 81 81 81 8			# # # # # # ## # # # # #	74 00 00 00 00 00 00 00 00 00 00 00 00 00	00	0 IU 0 IU 0 IU 0 IU 0 IU 0 IU 0 IU 0 IU	97.701 12. 031 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
AMENIA-BENDER AND CONTROL OF A CASE OF	**************************************	**** 000 in in in in in in	444 1949 0 0 0	2000 2000 2000 2000 2000 2000		17 17 17 17 17 17 17 17 17 17 17 17 17 1	4 4 0 0 0 0 0 0 0 0	*****	
MMH	* * * * * * * * * * * * * * * * * * *	9.0	1077	* * * * • O & & O O En En	44 0 0 0 1 4 4 4 4 4	M 4 O 6 O		2 4 0 0 0 0 0 0 0	# # # # Opp Opp op op N
######################################	# #	000	17 10 00 00 00 00 00 00 00 00 00 00 00 00	1.2 0.0 0.0 0.0 0.0	000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * OO 0- M	* * * * * 000 N N	M W
AVE 0 0 (0 80)	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			00.000	6038,65	I I I I I I I I I I I I I I I I I I I	T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	T 000
15000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	43 16.1 71 35.4 769	71 35 1	4 W 4 % 0 % 0 % 0 % 0 % 0 % 0 % 0 % 0 % 0 %	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7 1 W 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	41 44 44 44 44 44 44 44 44 44 44 44 44 4	24 W 47 W 49 W 49 W 49 W 49 W 49 W 49 W 4	43 5.9 71 26.9 2807
RIMARY CO. TANKE OF STREAM ONNER	CONTOCATANT SANTANTS	CONTOCOOK RIVER ** HERRIHACK CONTOCOOK RI* NH WATER RES. BOARD **	CONTOCOOK RIVER ** HERRIMACK CONTOCOOK RI*	CONTOCOOK RIVER ** MERRIMACK CONTOCOOK RI*	CONTOCOOK RIVER 2 MERRIMACK CONTOCOOK RIX UNKNOWN	EASTMAN TALLS HERRIMACK THRESILD SERVICE OO.	GARVIN FALLS MERRIMACK RIVA PUBLIC SERVICE CO.	GTLES.POND MERRIMACK MARTIN A. CRAWLEY	HODGORTT MERRIAACK MERRIMACK RIVA PRIMILIC GERVICE CO.
ACT 10 NO 00 00 00 00 00 00 00 00 00 00 00 00 00	NH N	NHKNEDOSTON NHOOSOUS A K K NHOOSOUS STORES OF	NHWNEDDS20 ** NHOOB96 **	NHWNEDOSR1 ** NHO1850 ** N DRC **	A NIENEDOUGH A NIE	NHGNEDSO14 ** NH61462 ** P DRC **	NHGNED30000 A 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	** NHONEDOSO6 ** NHONEDOSO6 ** NHONEDOSO6 ** NHONEDOSO6 **	A NHGNEDSOAN A NHGNEDSOAN A NHGNOGO A A NHGNOGO A A A DRC A A A A A A A A A A A A A A A A A A A

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,44 PAGE 43 OF TABLE 1

* 50544 * 50540	在	1.065 1.065 1.065	1449	1396	1253	1229	1531	1491	1479
	* *** * M * M * M * * * * * * *	`B) © P) ++***	* * * * * * * * * * * * * * * * * * *	* * * * M 4	N	* * * * *	* * * * *	* * * * *	* * * *
# D D D D D	E CON	1561.0 48.776	163.78 63.787	™ ™ 0 ™ 0 ™ 0 ™ 0 ™ 0 ™ 0 ™ 0 ™ 0 ™ 0 ™	176.40 31.914	176.97	11 8 8 8 8 1 6 8 1 1 1 1 1 1 1 1 1 1 1 1	120.79 76.466	126.84 73.60
	** ** ** ** ** ** ** ** ** **	* * * * * * * * * * * * * * * * * * *	U U U U U U U U U U U U U U U U U U U	* * * * * O M M 9 6 0 0 M M		6 6 2 2 2 2 2 3 3 4 4 4 4 4	* * * * * O # * M M M M M	* * * * * O O O W W W	# # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
R 1	E E E E E E E E E E E E E E E E E E E	137 32	N N 0 0 0 0 0	C D O	0 IS IS	C to to M M M M	ww 000 044	C O O MM	2 4 4 0 6 8 4 0 6 8 6
	71500	* * * * * * 1 O 80 O M .0 OI W	000	2	***** OOO M. M. M. M.	W M	17.00.17.00.14.4	N N N	0 0 0
A A A C C C C C C C C C C C C C C C C C		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	00 P P P P P P P P P P P P P P P P P P	0 4 4 5 0 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.00.00.00.00.00.00.00.00.00.00.00.00.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0.0	# 0 # # 0 # # # # # # # # # # # # # # #
	k k Mi⊶	2 t W = 1 W W W W W W W W W W W W W W W W W W W	217 W 11 Q 410 Q 480 Q 480	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	71 25 91 100 9	43 7.1 71 26.4 252	71 19 00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	43 18.7 71 20.2 120	43 18 7 71 19 9
PANCH NAME OF GIRBAN	TOPKINATOR CONTOCCOK * THERETALK CONTOCCOCK * DAMEN NINO *	* SEWALLS FALLS * MERRIMACK * MERRIMACK * * M.H. WATER RESCURCES BOARD * * * * * * * * * * * * * * * * * * *	# SUNCOOK RIV 6 * # HERRIHACK SUNCOOK R * # HERRIHACK SUNCOOK R * # N.H. WATER RESOURCES SOARD * *	* SUNCOOK RIVER 1 * * * MERRIMACK SUNCOOK RIVER* * DOLE*SUNCOOK INC. *		# GUNCOOK RIVER W # ALERGENACION RIVER # DOLM:BUNCOOK HYC.	# SUNCOOK RIVER ONE # # MERRINACK SUNCOOK RIVER* # CATHOLIC SISTERS	* SUNCTOR RIVER THREE * * * MERRIHACK SUNCTOR RIVER* * NH WATER RESOURCES BOARD * *	A NHANGOSSAS & SUNCOOK RIVER TWO A NHOUSSAS & MERRIMACK A NHOUSSAS & MERRIMACK BUNCOOK RIVERS A ORC & NEWATER RESOURCES BOARD
A A A A A A A A A A A A A A A A A A A	* * * * * * * * * * * * * * * * * * *	DODO CONTRACTOR OF THE CONTRAC	NIANEDSOGNES NIANES NIA	NHANNONNOS NHONONNOS S NHONONNOS S NHONONNOS	P COMOUNT A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NHANEDOG10	ONNOCIUL A A A A A A A A A A A A A A A A A A A	A NIEZENDOUGH A	* NHMNEOSS48 * NHOUSE6 * P ORC

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,44 PAGE 44 OF TABLE 1

A CACA THE A STANDARY TO THE A STANDARY THE A STAND	# # # # # # # # # # # # # # # # # # #	K # # # # #	10 mm	1319	44 44 44 44 44 44 44 44 44 44 44 44 44	* * * * *	* * * * * ** ** **	4 4 4 4 4	* * * *
	1302 1302 1308	1303	1215	1319	1304	1299	1281	1268	1459 1459 1459
NEEGY COGH * (8000 6)	**************************************	NN	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	39.616 **	37.08 37.08 3.08 3.08 3.08 3.08 3.08 3.08 3.08 3	M W W W W W W W W W W W W W W W W W W W	M W W W W W W W W W W W W W W W W W W W	14 W W W W W W W W W W W W W W W W W W W	147° 51° 51° 51° 51° 51° 51° 51° 51° 51° 51
P. * FEXION ENEGRANCI. COST *FEXI ECONOMIC P. *INC. ENEGGY FENERGY COST * FRC NONECONOMIC * * (MEXI) * (1000 B) * (SECUENCE RANK) * * (MEXI) * (SECUENCE RANK) * * (MEXI) * (SECUENCE RANK) * * (MEXI) * (SECUENCE RANK) *	# # # M M D O O O O O O O O O O O O O O O O O	***** OMM OM OM OM OM OM OM OM	77 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	#### #################################		6170 6170 6170 6170	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	**** C 40 40 M M) ALA M M)	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
A A W	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1100 1100 1100 1100 1100 1100 1100 110	* * * * * O SD SD O T O T O T O T O T	*****	11000 11000	111000	1164 * * * * * * * * * * * * * * * * * * *		81 81 C (1) (1) 8 8 8 8
*****		17.00.71	M M OOO	* * * * *	000	17 17 00 0	# # # # # O O O	M M 0 M 0 M 0 M 0	# # # # 00 00 0 00
2	在 在	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00 mm + # # # # # # # # # # # # # # # # #	0 00 11048.94	0 * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		* * * # # # # # # # # # # # # # # # # #
ANGOOS HHARE O HHARE O	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 44 44 44 44 44 44 44 44 44 44 44 44	24 W W W W W W W W W W W W W W W W W W W	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 W W W W W W W W W W W W W W W W W W	4 W W W W W W W W W W W W W W W W W W W	4 W W W W W W W W W W W W W W W W W W W	2 t t t t t t t t t t t t t t t t t t t	10.00 10.00
TACLECT NAME TACLECT NAME TACLECT NAME OF STREAM OF CODE 8 THIE 8 TATLE 8		2 WINNIPESAUKE	MINNIPESAUKE	E E INNERSE AUKE	M MINNIPESSALIKE	6 WINNIPESAUKE E CO.	E INNIPERALKE	LAMPREY R	A A A A A A A A A A A A A A A A A A A
LING LING COU AGE FIRE	3 X D	MINNIPEGALKE MERRIMACK LUNKNOWN	MINNIPEGALKE MERRIZACK UNKNOWN	MINNIPEGALKE MERRIMACK UNKNOWN	EMNNH PROALKA Kroem Proalka Unknokn	ETNNIPEGALKE 6 MERRINACK PUBLIC GERVICE	EINNIPEGAUKE Introlarok Unknoer	LAMPREY RIVER LAMPREY ROCKINGHAM LAMPREY ESSEY INTERNATIONAL INC	MERRIMACK ROCKINGHAM PENNICHUCK
# # # # # # # # # # # # # # # # # # #	NITANIEDOSSISSISSISSISSISSISSISSISSISSISSISSISSI	NHENEDOUIN * NHOLESS * NO DEC	A K WINCOMMIN A STREET OF CO.	NIMNEDOS14 # NHO1456 # NO DRC #	A T T T T T T T T T T T T T T T T T T T	ATTORNATION OF A STATE	NHMNEDDS17 x x NHN NHO1460 S17 x x x NHO1460 S17 x x x x x x x x x x x x x x x x x x x	NHWNEDSORB NH WORD H	NIENBORRAN A NIONOCORA A NIONOCORA A NIONOCORA A A NIONOCORA A A A A A A A A A A A A A A A A A A

* ON A	P中央中央中央中央中央中央中央中央中央中央中央中央中央中央中央中央中央中央中央	* LATITUDE	· · · · · · · · · · · · · · · · · · ·	A PA MARAGA	本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	在水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水	**************************************	THEONOUS COMP. HO	######################################
SEP SOF	E A B D	CORP. AREA	* 01-8-10 4 * AVE. 61 4	* * OK * OK * * OK * * OK * OK * OK * O	# 101. CAP. # 101. CAP.			ERC NO ERC NO COROLENC	NECONOTICA COMPOSITER
SILVES *	1	(SO MI)	(CFS)	(AC FT) * (FT) *	33	CESE)		A CORDURNOR CORDURNO	RANK)
ODDO DO COMPOSITE A A A	H > H		# 26 # 26		6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6				# 60 m
A NHWNED 9510 NHOWOLU ORC ORC	* COCHECO RIVER ONE * * STRAFFORD COCHECO RIVER* * RINDGE INDUSTRIES	43 16.7 40 58.8 77	0 + 0 0 + 4		0 P P	****	97 62 63 9	1511	91 91 80 91
NI N	* COCHECO NV FOU * STRAFFORD COCHECO NV * CITY OF DOVER	70 H H H H H H H H H H H H H H H H H H H	0 * 00 * 00 * 00 * 00 * 00 * 00 * 00 *	**** 000 3 m	11001	* * * * * * * * * * * * * * * * * * *	446 446 44 66 96	1301	1301
* NINNEDBOOM	* ISINGLASS SIVER THREE * STRAFFORD ISINGLASS RIV. * TONE BARRINGTON	10 P	00 44 40 00 14 44 44 44 44 44 44 44 44 44 44 44 44	# # # # # 0 0 0 M M	M W	****	0.00 0.00 0.00 0.00 0.00 0.00	1483	1483
ON COORDER A A A A COORDER WAS COORDER OF COORDER COOR	* SALMNFALLSRIVE * STRAFFORD SALMONFILR * TOWN OF ROLLINGFORD	43 144 17 44 18 18 18 18 18 18 18 18 18 18 18 18 18	4	0 4 0 4 0 0 0 0 0 0	44 44 000	67100	25 27 27 27 27 27 27 27 27 27 27 27 27 27	1209 1209 1205	in Oai
* NHANED6081	* SALMON FALLS R * STRAFFORD SALMNFALLR * CITY OF SOMERSHORTH	M	0 MM 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 M	M M O	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	17 8 W.	1269	1269
NI WIND BORD BORD BUT	* SALMON FALLS * STRAFFORD * PURLIC SERVICE CO. OF N.H.	M		N - 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N NU 축축 O NU NU	****	**************************************	10000000000000000000000000000000000000	# # #
	* SALMON FALLS RIVER * SALMON FALLS A * STRAFFORD SALMON FALLS A * SO. BERWICK MANU. CO.	4 W W W W W W W W W W W W W W W W W W W		* * * * * * OO OO OO OO OO OO OO OO OO O	7.7 0.00	* * * * * * * * * * * * * * * * * * *	167 a 7 54 a 34	1390	1390
* NIKNEDBSOS * * NIKNEDBSOS * * NICONOCO * * * ONC * * * * * * * * * * * * * * * * * * *	A SALKON FALLS FLEVEN * GHRAFFORD SALKON FALLS * GHRAFFORD SALKON FALLS ** GHRAFFORD SALKON FALLS ** GHRAFFORD SALKON FALLS ** GHRAFFORD SALKON FALLS ** GHRAFFORD ** GHRAFF	70 00 00 00 00 00 00 00 00 00 00 00 00 0			C N N N N	* * * * * * * * * * * * * * * * * * *	0110 0110 0100 0100	1506	1306

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13.00.45 PAGE 46 OF TABLE 1

CNOMIC NONECONOMICA C. COMPOSITÉS NOE WANK) *		**************************************		01 P	# # # #
FRC FC FRC SEGUE (SEGUE (SEGUE	# 02 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1443 1204 1204 1204		1032 1032 1497 1497	1363 1363 1363
80 8E	######################################	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	어디 어	CO NO	51,187
ANTION OF THE CASE	# # # # # # # # # # # # # # # # # # #		하는 전체적 하는 이미이 하는 이미의 이미의 이미의	MIN	* *
AHP AND O AND	### ### ### ##########################	44 00 000 000 444444444		N → Ø NIN O → → O NIN O → → O NIN	* * * * O M M O O O O
(FT) (FT) (FT)	* * * * * * * * * * * * * * * * * * *				4 4 4
F		0 0 0 0 0 0 174,1		10 00 4 1 0 0 0 1 0 0 0 1 0 0 0	0 0P 76.7
1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MO WO WO WWW WWW WWW WWW WWW WWW WWW WWW	MW M	M W W W W W W W W W W W W W W W W W W W	20 M M M M M M M M M M M M M M M M M M M
A A RECT - CO	AKACACACACACACACACACACACACACACACACACACA	SALMON TALLS 1 SALMON TALLS 1 SOTARTICK MANU. SALMON TALLS 2 SALMON TALLS 2 SALMON TALLS 2 SALMON TALLS 2	SULITVAN SUGAR RIVER A SULITVAN SUGAR RIVER A SUGAR RIVER	SUGAR RIVER TEN SUGAR RIVER A SUGAR RIVER A SUGAR RIVER 1 SUGAR RIVER 1 SUGAR RIVER 4 SUGAR RIVER 6	* SUGAR RIVER TIRRE * * SULLIVAN SUGAR RIVER * * PUBLIC SERVICE CO
ACTV ID NO SECTION OF	N TE NEWS TENEDS TO THE PROPERTY TO THE PROPER	M	# # # # # # # # # # # # # # # # # # #	NE N	* NHWNEDBS19 * * NHWWSBW *

DATE 14 JUL 81 NATIONAL MYDROELECTRIC POWER STUDY TIME 13,00,45

****	**************************************	**************************************
A A A A A A A A A A A A A A A A A A A	10000000000000000000000000000000000000	80 8289 70 7 1 1 8
EXEMPLE SERVING SERVIN	* * * * *	*
# WHH # W 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	E	4
**************************************	C (1)	10.00 to 10.
######################################	0 40 40 40 40 40 40	1
* LATITUDE * PROC. PURP. * DAM III * LATITUDE * STATUS * MX.STOR. * DR.ARE. * DAM III * DX.ARE. * DX.ARE. * DX.ARE. * DX.ARE. * CO. M. * A.C. * A.	44 10 10 10 10 10 10 10 10 10 10 10 10 10	# #
A MANUAL COLOR A DRIMARY CO. ENDING A COLOR CANADA CO. ENDING A COLOR CANADA CO. ENDING A COLOR CANADA CO. ENDING COLOR A COLOR COLOR CANADA CO. ENDING COLOR A COLOR CANADA CO. ENDING COLOR A COLOR	~ ~ ~ ~ ·	A NHONEDTOIG A THATCHER A SOUTH BRANCH A THANDSOLD A GOLLLIVAN SOUTH BRANCH A PO DRC II B COLLLIVAN SOUTH BRANCH A PARABANANA A PO DRC II B COLLLIANA A PARABANA A PA
**************************************	SUCAR RV ONE SULLIVAN N.H. PUBLIC	# THATCHER B GULLIVAN
** * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* NHONED7018 # THATCHER * NHO3074 # GULLIVAN * 2 DRC I #



3 A C B T N B K G O J B A B O 8 M A L L > (5) (3) (3) (4) (2) (4) ADOITIONAL z v **u**. æ CAPACITY STATE 0 is. POTENTIAL <u>isi</u> r HYDROELECTRIC z H PHYSICAL

: : : : : T la)				*************************************			POTENTIAL		INCREMENTAL	. CAPACITY	Ω¢	<i>ரை</i>	4		******	*******	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
⊢ 2	* * * * 0 Z P L P + O	* * * * * * * * * * * * * * * * * * * *	******	***************************************	***	* * * * * * * * * * * * * * * * * * * *	本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	*	*****	在 化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化	*****	k 3.	* * * * * * * * * * * * * * * * * * *	C	3 E	1	* * * *
ច្មម⊨	03I 03I H2	* # * # * *	* * * # # # # # # # # # # # # # # # # #	SATAXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	****		* * * * * * * * * * * * * * * * * * *	**************************************	**************************************	2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	****	NU TER	TOTAL HNORR
* G. *	* * * * * * * * * * * * * * * * * * *	100	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *			• • • • • • • • • • • • • • • • • • • •		* # # * * O * O	C	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
****	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 0 0	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* ****** * ****** * ******	* * * * * * * * * * * * * * * * * * *	* O * O * O * O * O * O * O * O * O * O	* * * * * * * * * * * * * * * * * * *		01 m e.c. m 42 e * * * * * *	* * * * * * * * * * * * * * * * * * *	* # # # # # # # # # # # # # # # # # # #	****** * 0 0 0 * 000 * 000 * 4 * 4 * 4 * 5
* * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* 34	* 0 * 0 * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	*****	* 0 * 0 * 0 * * * * *	* * * * * * * * * * * * * * * * * * *				* * * * * * * * * * * * * * * * * * *	****	0.01 + 10 + 10 + 10 + 10 + 10 + 10 + 10		E SUN E CO E CO E CO E CO E CO E CO E CO E CO
*	* * * * * * * * * * * * * * * * * * *	* O * * O * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 0 *	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* 0 *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *			0	0	0
* * * * * * * * * * * * * * * * * * * *	*	* VI-1	* ***	* °C			* * * * * * *	0	* * * * * * * * * * * * * * * * * * *	* 0 *	* *** * * * * * * * * * * * * * * * *	* 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0	* * * * * * * * * * * * * * * * * * *	2			
* * * * * * * * * * * * * * * * * * *	# H H H # # # # # # # # # # # # # # # #	# HIII # - 000 # 222 * 255	*** INSTANTED INCREMENTA DOTENTIAL	*	4 × × ×	EXISTING DAM EXISTING DAM ONDEVELOPED	# 07 4 20	* 0 * u	# # # # # # # # # # # # # # # # # # #	*	*	*	60 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 CG			AND 3) UR)

ADDITIONAL 0£ () () POTENTIAL PHYSICAL

DEVELUPMENT >-(5) (1) (1) (1) (1) ⊙ ∠ ∢ CAPACITY HYDRUELECTRIC

>- tul
•
æ
لط
,
*
ia.
Z
۱£.
0
ie.
-
⋖.
-
0 0
ᄑ
Z
> −-3

. C	-	*****	*****	*****	*******	******	***	****	***	****	***************************************	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4				
kw HZ	* * * * * * * * * *	3 3 4 4 4	E I	35 (n	- 1	4	E ·	* *	***	OX OS	A T E R T T T	K		**************************************	* * * * * * * * * * * * * * * * * * *	***	* * *
# -4 LU } # # # #	* * * * * * * * * * * * * * * * * * *	**************************************	K K K K K K K K K K K K K K K K K K K	C C C C C C C C C C C C C C C C C C C	7	K	* * * * * * * * * * * * * * * * * * *	M C C C C C C C C C C C C C C C C C C C	* - 201	* 0 0 4 * 4 2 0 * 3 1	* * * * C C C C C C C C C C C C C C C C	* * * * *	* 4 U 4	* * * * * * * * * * * * * * * * * * *	EXHOUNT AND CONTRACTOR CONTRACTOR AND CONTRACTOR AN	CINDER PROPERTY OF CAPA	4 + 0 + + + + + + + + + + + + + + + + +
	A POPER STANDS	000	000	000				K .	. 000	* 000	* * * * * * * * * * * * * * * * * * *	* * *	* * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* 000
0 * 5 *	E DAN *	100 H		* * * * * * * * * * * * * * * * * * *	,			* • • •		* * *	* • •		* * * * * * * * * * * * * * * * * * *	* NO * NO *	* * * * * * * * * * * * * * * * * * * *	# 000 # 000 # # # # # # # # # # # # # #	* 000
6 4	A * * * * * * * * * * * * * * * * * * *	*****		* * * * * * * * * * * * * * * * * * *	•	000					* 000	* 000	* 000	* * * * * * * * * * * * * * * * * * *	# 60 E	* * * * * * * * * * * * * * * * * * *	# + + + + + + + + + + + + + + + + + + +
C 0 4	20 00 00 00 00 00 00 00 00 00 00 00 00 0	000	* * * * * * * * * * * * * * * * * * *	000					300		K	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * 000 * 00	* 000
0 T A L.					F 4	000		* * * * * * * * * * * * * * * * * * *	K * * * * * * * * * * * * * * * * * * *	* • •		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	# 00 # 00 # 00 # 44 # 44 # 44	# UND # 4 # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* 01 V * 10 W * 4 U B
	COLUMN	- C M	ISTING DITIONA DEVELOP	HYDROPO ED POTEN	0 EV F	COPMENT EXISTING	0 A A C C C C C C C C C C C C C C C C C			* + + + + + + + + + + + + + + + + + + +	* HH 9 *	*	* * * * * * * * * * * * * * * * * * *	*	COLUMN **	4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	* M

DATE 15 PEB B1 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18,50 PAGE 147 OF TABLE 1

	* * * * *		44 6000 0000 0000	4 # # # # # # # # # # # # # # # # # # #	TOUR TOUR TOUR TOUR TOUR TOUR TOUR TOUR	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 F	DELAWARE	TOCKS ISLAND SUSSEX DAEN NAP
1005 1005 1005	#####################################	4 4 4 5 5 0 4 4 0 4 6 0	* * * * * * * * * * * * * * * * * * *	10.00 10.00	* * * * *	15.50 11.00 17.00 14.00 16.00	**** 2 P 0 2	PASSAIC	SUM HYDRO Passaic
1008	41.614		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N 99	* * * * * * * * * * * * * * * * * * *	13.0 13.4 13.4 13.4	* * * * * 0 7 0 7	PASSAIC	LTTTE FALLS Passaic
1017	208 208 208 208 208 208 208 208 208 208	* * * * * * * O O O M M O O H M			# # # # # # # # # # # # # # # # # # #	M 00 00 00 00 00 00 00 00 00 00 00 00 00	7 h	DGE RESERVOTR DAM PEQUANNOCK RI Municipal utility	OAK RIDGE RESERVOTR Morris Newark municipal uti
	00	000	000	000 m	* * * ¢ ;	37.0 33.4 10.4 10.4	****	GREEN POND BR	LAKE PICATINNY MORBIS DA
	o c	000	000	000	w C	NW WW W	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	GREEN POND BR	LAKE PICATINNY Morris Da
	50 50 50 50 50 50 50 50 50 50 50 50 50 5	* * * * * * *	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	200 200 200 200 200 200	2 H H H H H H H H H H H H H H H H H H H	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * 2 \ 0 \underset	DELAWARE	RIEGELVILLE Hunterdon
1013	M 100 M 100		**************************************		* * * * * * * * * * * * * * * * * * *	20 0 20 0 20 0 20 0 20 0 20 0 20 0 20	*****	MAURICE RIVER Delaware	CUMBERLAND WANA MFG. CO. LUMBERVILE HUNTERDON
THE STATE OF	# - 000 - 10		44	XX	A の の の の の の の の の の の の の	1 645	*****	OKNURA OFTONIA	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.51 PAGE 148 OF TABLE 1

* *	6278.6	*	* 0	* 0° 211	T D) r			
		F ##		* **	: +z +	: * +		4 4 5		1- 00 01 01 01 01	A LOCKOANAL
* 1		10980 10980 10800 10800 10800 10800 10800 10800 10800 10800 10800 10800	* *	114.3	*189.6#	# # (1)	25	* *			4 4 H
	479.9	* 0560T	100 M	100000	18	# CD (in in	¥ 74	PAULINS KILL	LARREN	
k 4z	5246.1	0	•	137,0 #	0X 60	*	58,7	¥ 40		PAUL INA	NJSNAP8007
*		* 1	* 1	* 1	# 1	* *		* 1			
r #z	: : : :	* 925	1918	86.2	-201.8*	*	~				SCP I *
×. •	59.4	92.00	1.0101	4.0000	* #	. # > ao	9,78	7	MUSCONETCONG	A EARREN	***
* 1	\$ CC CU	4 4	# *	# C 8001	0	* *		4		SCHONER SES	* ACCRORNAL'S
*		•	# '	*	**	#		_			= '
	•	647 *	101	168.9 #	*6.2*	*	M			*	SCP I *
x - ≇		647 *	101	\$ 0000 B	#C	*		7.5	MERRILL CREEK		
·		* 4	* *	* 1	* 1	* :	2 7 7	*			** 000000
*		*	•	*	*	*					
	•	4171 *	1256 #	# 4°65	*114.8#	*	~	*	•		SCP I *
x #	906.71	41714	1256.#	30000	5 H	. 4	4 0	7.	RUSCONETCONS	* EARDEN	**
≠ 1	1983	* *	* # C		* *	* *		4 4		* HACKETTSTOWN	* DCCGGANGLA
*		*		*	*	*				٠	# 1
	•	167100 *	23200 *	42.7 #	6240.0*	#	462			-	DRC I *
* 4	14 14 14 14 14 14 14 14 14 14 14 14 14 1	167100	# 00 es	* 00000E	E #2	. *	11.2	7 7	DELAWARE	E E ARREN	N TOOUTA
*	1	*	* 1	* 1	* 1	* 1		· ·			* 1
*		*	*	*	*	#					#
*	•	185075 *	4 96569	45.8 *	7579.0#	*	436	_			DRC I *
* *	9989	* 0 20 20 1	* * 9 (F) 6	65.0 *	# # 60 11. H	* *	50 50 50 50 50 50	5 K	DELAWARE	* BELVIOERE * MARREN	NGENATOONS *
***	*********	**********	在	****		* * *	*****	* * * *	***************		****
	(BYRE)	* (232)	* *	(AC FT) *	* 1	* *		25			STATES
8 (SEO	(1000 8)	*	*	(FT)	*	*	£:	S:			CDDE CDDE *
STEPPORTO ONE		* TOT . ENERGY *	TOT. CAP. *		AVE. G *	*	DR. AREA	A DR		_	ACTV DEP *
・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	NEG VOICE	INC. ENERGY + F			COLO XXX SOLVIO	. *	*LONGITUDE	S	STREAM	* PRIMARY CONAME OF	ON CI

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,31 PAGE 183 OF TABLE 1

# 002X4 # 00XX4 # 00XX4		****	*****	****	****	****	*****	*****	* * * * *
NENG SANCE DOST SERVES SANCE SERVES SANCE SERVES SANCE SERVES SANCE SANC	· 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在	1044		2036 2035 2035 2048		2030 2006 2047			
ANCIL COUNTRY	* * * * * * * * * * * * * * * * * * *	24 20 20 24 24	4 4 • N • N • • O • • O	1911.7 435.2	34 60 60 60 60 60 60 60 60 60 60 60 60 60	41.171	N 60 60 40 60 40 60 60 40 6	N (1)	24 60 84 84 84 84 84 84 84 84 84 84 84 84 84
######################################	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		000	44 044 044	000				on in mm mm
* 00 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************	80 80 NU NU C-0-0	0 # #	Ost in	in in O	OMM	6100	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.00.00
######################################	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M 40 40 40 40 40 40 40 40 40 40 40 40 40	# # # # # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6600 6600 6600 6600 6600 6600 6600 660	6-9-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-	1 W 4 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W	# # # # # # # # # # # # # # # # # # #	27 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * # # # # # # # # # # # # # # # # #	10 20 168 0.08	Ad Ad Muse A A A A	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	C C C C C C C C C C C C C C C C C C C	10.00 00 356.00 4 4 40.00	# # D C O N O N O N O N O N O N O N O N O N O
LAST TANDERS OF THE CONTRACT O	# # # # # # # # # # # # # # # # # # #	44 W 40 W	1804 15°0 4	32 30 9 * 104 24 0 * 16090 * *	30 35 7 8 104 20 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	35 1.7 1.04 41.04 4 4.04 4 4 4.04 4 4 4 4 4 4 4 4 4 4	36 14.4 * 106 25.7 * * 2146 * *	46 MS 400 106 45 W 87 W 8	106 400 N N N N N N N N N N N N N N N N N N
* <	* W	PECOS RIVER	PECOS RIVERS	PECOS AIVER	######################################	***	RIO CHAMA	RIO CHAMA	211103 CRMEX * * ********************************
**************************************	PERSONAL LAKE PERSONAL LAKE COURTE NOT LAKE COURTE NOT CARACTER PERSONAL COURTERS PERSONAL COURTES	A LAKE SUNNER POEBACA POOI USBR	AVALON EDDY DOI USBR	BRANTLEY EDDV DOI USBR	MCMTLLAN EDDY DOI USBR	CUADALUPE GUADALUPE DAEN SEA	ABIOUIU DAM RIO ARRIBA DAEN SWA	EL VADO RIO ARRIBA DOI USBR	A NACSMADOSA & HERON REGERVOIR NACSMADOS & RIG ARRIBA WILLOW CREE P. SCP I P. DOI USSR ***********************************
A P T T T T T T T T T T T T T T T T T T	A KANDON CANDON	A THOOMEN OF A THO	NACONADOSD NACONADOS NACONAS NACONAS NACONAS	NYESSHAOOE1 NY NYESSHAOOE1 NY NYESSHAO	4 W 000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A WACOERAOOSU A A A STORE IN STORE IN STORE IN A A A A A A A A A A A A A A A A A A	A WACCARDON A A A A A A A A A A A A A A A A A A A	* NHCOEADOBUS * NHCOEADOBUS * N NHCOEAD	# NMCOWADOBG # NMCONES # N WCONES # K # # # # # # # # # # # # # # # # #

CATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,31 Page 184 OF TABLE 1

11		* * * * * * * * * * * * * * * * * * *	CONCONCONCONCONCONCONCONCONCONCONCONCONC	DIPO (XXX 0) DIPO (XXX 0) X (VIII)	X. STOR. X. (FT.) X X X X X X X X X X X X X X X X X X X	# * * * # # # # # # # # # # # # # # # #	000	Y 000 Y 00 0 X 100 0 X	* CONTROL NO NECONDATO * * CONTROL NO NECONDAT
**************************************	**************************************	***************************************	# # # # # # # # # # # # # # # # # # #	***********	* * * * * * * * * * * * * * * * * * *	**************************************	**************************************	******* 2510.2 91.991	**************************************
NM68WA0078 NMU0198 R	RIO ARIBA	A K K K K K K K K K K K K K K K K K K K	36 30.7 106 43.3 925	393.0	, G	ראי אל ני רונו רונו	44	0000 0000 0000 0000 0000	
NAGOWADO77 ** NMUOROO 17 ** O O O O O O O O O O O O O O O O O O	PLANT NO 3 R MID ARRIBA	AHA CHAMA	36 18.7 106 35.1 1630	6 H H H H O O O O O O	144 1400 1400 1444 1444	20 20 20 20 20 20 20 20 20 20 20 20 20 2	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1898 106.36	
NM6SWAOO78 # NMUORWS # S DRC I	WILLOW CREEK RID ARRIBA FERC	NO 1 WILLOW OREEK **	36 49.7 106 38.1 110		000 900 900 900 900 900 900 900 900 900	000	O est est	9 36 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	
NM6SSEA0079 ## NMUODNS ## UDSC II ##	WILLOW CREEK R RID ARRIBA FERC	NO 3 WILLOW CREEK * * *	36 44°4 106 37°4	* * * * * * * * * * * * * * * * * * *	160.0 174000 127.0 4 * * * * *	C M M C M M U U		2005.8 7677.9	
NEGOPEONS NEUCONNO S DRC WA	FARMINGTON TO	GHIPROCK SAN GUAN RIVE*	36 47.5 108 43.4 7240		2	66 67 67 60 60 60 60 60 60 60 60 60 60 60 60 60	* * * * * * * * * * * * * * * * * * *	2	
2000 N 2000 N 2000 N 2000 N 2000 N	MORGAN LAKE SAN JUAN ARIZONA PUB	PF STREAM SAR ABRV CO **	36 0.00 0.00 0.00		11 12 14 14 14 14 14 14 14 14 14 14 14 14 14	* * * * * *	000	35. 1096057	
NASSPKO779 * * * * * * * * * * * * * * * * * *	A NAVAJO DAM TO FARMINGTON * NAVAJO DAM TO FARMINGTON * * SAN JUAN * *	AND GENERAL AND NACE AND NACE AND NACE AND NACE AND A 4	36 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	11 0- 11 0- 12 0- 13 0- 14 4 4 4 4	N N 44 94 94 94 94 94 94 94 94 94 94 94 94	0000 1000 1000 1000 1000 1000 1000 100	12261 46.707	
* NMCSPKO782 * NAVAJO RESERVOIR * NMCO120 * SAN JUAN * 2 DRC * JS * NPRS	** NAVAJO RESERVOIR * SAN JUAN * JS * EPRS	SAN GUAN RIVER	36 47 6 107 36 4 8195	A TREC	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		M650 000 000 000 000 000 000 000 000 000	56. 16. 18. 18.	

SCALE DEVELOPMENT 9 M M L 0. 3: 1: X: 3: E ADDITIONAL > 0 0x w 2 w N O <u>u</u>. 02 03 04 CAPACITY STATE POTENTIAL I HYDROELECTRIC z PHYSICAL

	* * *	* F 4	* 0 * * * * * * * * * * * * * * * * * *	資 数 数			k	6
•	* * * * * * * * * * * * * * * * * * *	* 3 2 4 .					K AK AK AK AK AK AK K CULET A I K augs K augs K augs K	
	# # W	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *			* * * * * * * * * * * * * * * * * * *	COCUANS COCUANS CHEGAS
	* 0 * •	* > + 0	* * * * * * * *				* * * * * * * * * * * * * * * * * * *	CSUM CSUM CSUM CSUM CSUM CSUM CSUM CSUM
	* * * * * * * * * * * *	* E U U	* * * * * * * * * * * * * * * * * * *					CAPACITY GIVEN HEA
ص ص	# X X X X X X X X X X X X X X X X X X X	* O T O .	* * * * * * * * * * * * * * * * * * *		k •0 1			A T T A C
3X .		* H X A X A X A X A X A X A X A X A X A X	* * * * * * * * * * * * * * * * * * *		K 64 K 64 K 64 K 64 K 64 K 64 K 64 K 64			0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
CAPAC	장 ~ 경 성 성 (********************************	****					0	
EMENT	* * * * * * * *	* # # # # # # # # # # # # # # # # # # #	* # * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * O	K	* * * * * * * * * * * * * * * * * * *	Z > 2
	# # 3 # 5 # 5	* # # # # * # # # # #	* * * * * * * * * * * * * * * * * * *		K	K *O 1		
:22 نيون	# # # # X # X # X # X	* H Z U	* * * * * * * * * * * * * * * * * * *				**************************************	
	教教教教教教教教		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *				9
	******************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*	* 6	在	k K	# · · · · · · · · · · · · · · · · · · ·	1
	* * * * * * * * * * * * * * * * * * * *	W CAN * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	K # # # # # # # # # # # # # # # # # # #	K	K 44 K K K K K K K K K K K K K K K K K	NSTALLED CAPACITY A
	t	*****	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*		NSTALLED NOTALLED NOT
		**************************************	*	* * * * * * * * * * * * * * * * * * *				
	- 4 J S	**** 931 HZ H>W	* * * * * * * * * * * * * * * * * * *	* Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	NO N	* * * * * * * * * * * * * * * * * * *	* 8000 4 * 8000 4 * 8140 4	
	ь. н 2	m m F	*	* 6	K 6 -	00	TOTAL	

DRVELOPAENT ADDITIONAL > 05 00 31 22 ax ⊃ 1⊾ C) W E-POTENTIAL CAPACITY 2 T & T E ш Т Н A C A C A C HYDRIECTRIC

	TOTA	4		* * * * * * * * * * * * * * * * * * *	**************************************	**************************************	* 014 + 1	COLUMNS 2 AND 3) (MEGAWATT) GIGAMATT*
*********		**************************************	*	*		# 000 # 000 # 000 # # # # # # # # # # #		
*****	***	* 4 U 4		* 000		* WW W W W W W W W W W W W W W W W W W		ATER ATER ATER ATER ATER ATER ATER ATER
*******	in Ni	# # # # # # # # # # # # # # # # # # #		* • •				2 A A A A A A A A A A A A A A A A A A A
**************************************	. A = E x	* H H N + X H N N + X H N N N N N N N N N N N N N N N N N N					K NO 0 K NO 0 K NO 0 K NO 0	# 00 A M M M M M M M M M M M M M M M M M
*******		****** ****** ******* *************	K -	* * * 1		000	00	# HO ENO
*****		* * * * * * * * * * * * * * * * * * *	000	* * * * * * * * * * * * * * * * * * *	0		K 40.5	X Z D Z M Z M Z M Z M Z M Z M Z M Z M Z M
	. En	* Z D S + Z D S + Z D D D S + Z D D D S + Z D D D D S + Z D D D D D D D D D D D D D D D D D D	000	* * * * * * * * * * * * * * * * * * *				
	3. 3.	* * * * * * * * * * * * * * * * * * *				000	r nior -	x 」 の x
***		* * * * * * * * * * * * * * * * * * *	000		K • • •	K 000 K 240 K 240 K 440 K 44 K 4 K	* 0.15 ×	EX ISOUTH A STANDARD A
***	***	4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +		*	# 4 6	× -1	t -	**************************************
经股份股份股份股份股份股份股份股份股份股份股份股份股份股份股份股份股份股份股份	NE CO	* > 0.M	000	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		k k k	HYDROP PED POTE
***	33 × 5	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	K + K + K + K + K + K + K + K + K + K +		K * * * * * * * * * * * * * * * * * * *	X
*		* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *		K -0.7
. 4	. * * * . V C . (**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*	N N N N N N N N N N N N N N N N N N N		W0100
. ⋖ ©	HZ	⊔ iui⊢ 1	0 1 9	* 0 * 0	k 6	100	X 10 4	

ACTV DEPA CODE CODE FILE ATUS	C. ****	S R R R A R A R A R A R A R A R A R A R	CONGULATION ON THE CONTRACT ON		* * * * * * * * * * * * * * * * * * *	CENTRAL COLUMN C		P 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RECONOMINATION OF THE PROPERTY
A A A A A A A A A A A A A A A A A A A	**************************************	**************************************	70	* * * * * * * * * * * * * * * * * * *	*	**************************************	****	本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	1
NMSSSPKO781 NMUO240	A STREET OF STRE	A THE LI CHOOL AND LEAD NAD AND LEAD NAD	37 4-109 109 109 109 109 109 109 109 109 109	A A A A A A	* * * * * * * * * * * * * * * * * * *	C M PH IN IN IN IN IN IN IN IN	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9156 356 300 300	
NACOENADOBO	* CONCHAS DAM * SAN MIGUEL * DAEN SWA	CANADIAN RIVER	35 23.2 * 104 11.4 * 7409 * *	2	70000 1611 1611 1844 1844	0.00 0.00 0.00 0.00 0.00	44 040 040 444	10 12 12 12 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	1045
NMCSWAOO92 NMOO404 P DRC I	* COCHITI * SANDOVAL * DAEN GEA	A A A A A A A A A A A A A A A A A A A	35 37 35 31 106 20 00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		7 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O IN IM O O O O O O O O O O O O O O O O O O O	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	* * * * * * * * * * * * * * * * * * *	
NM68WA0090 NMU0281 S DRG I	* GUADALUPE * SANDUVAL * DOI USBR	JEMEN PIVER	MS 400 0 106 450 0 4 4 7 W 4 4 7 W 4 4 7 W 4 4 4 4 4 4 4 4	* * * # # # # # # # # # # # # # # # # #	M 00 00 00 00 00 00 00 00 00 00 00 00 00	0 m m m m m	C S S S S S S S S S S S S S S S S S S S	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
NMCSWADO91 NMOOOOM S DRC I	S JEMEZ CANVON DAM S SANDOVAL JE P DAEN SKA	* * * * * * * * * * * * * * * * * * *	35 23.6 x 106 32.7 x 1034 x 1034 x 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		000	000		
NMCSKAO105 A NMOO131 A DRC I A	CAMALLO RESERVOIR SIERRA RIG F DOI USBR	RIO GRANDE	32 53.6 * 107 17.4 * 30700 *	1CR DP 864.0*	000 # 000 # 000 # 000 #	0 m m m m m m m m m m m m m m m m m m m	44 W W O O O O K 4 4 4 4 4		
NMISWAD104 * NMOO129 * CORC I *	ELEPHANT BUTTE SIERRA DOI USBR	AEGGRACOLR BHO GRANDE A * * *	13 9 9 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M	124 134 134 134 134 134 134 134 134 134 13	T T T T T T T T T T T T T T T T T T T	本本 dy dy d	
NM6SWAO107 * NMUO193 * S DRC I *	F LOWER HIDDEN MO F SOCORRO F DAEN SWA	* LOWRR HIDDEN MOUNTAIN DAM * SOCORRO RID PUERCO * DAEN SMA	34 34.1 * 106.53.2 * 10810 *	#### MI DZ	138.0 ±	**** 00% mm	0 4 4 4	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POMER STUDY TIME 22,29,31 PAGE 186 OF TABLE 1

5	#	*	*	*	#	* (SEDIENCE BANK)*	*	*	*	*	*
		F	Ξ	_	Ş	¥	*				#
k		2	80	×	Z	Z	*				*
	ដ	8	Q.	ž	Œ	L	*				*
ľ	Ξ	뿔	2	is.	2	ž	*				#
×	č	2	U	Z	Z	뿔	*				=
K	ü	U	E	끸	3	8	*				#
K	ပ္ဆ	er.		Ä	20	2	*				Ĭ
	튑		_	2	_	_	经会会在我们的政治的,我们的现在分词,我们的对对的对对的对对的对对的对对的对对的对对的对对的对对对对对对对对对对对对	_	_	_	Ē
ķ	_	Ē	_	•	•	•	*	_	•	Ī	*
ž.	80	8		ŝ	Î		*	63	08 * 884 63		*
×	ច	<u> </u>		0	X		*	9	4		*
K K	تـ	œ		8	8		*	3	8		*
k k	2	뿚		J	ب		女女				*
	*	*	*	*		*	*	*	708 *	#	÷
į.	ä	5	é				ž	0	9	708	ě
ż	ũ	ÿ	¥	Î	Î	Î	ŧ		~	~	
	-	핔	ij	3	Ŧ	X	*				*
K.	X	ç	6	ت	=	J	*				#
Ė		#	*	*	*	*	*	*		*	*
							*	0	98	* 98	*
E.	4	4					#		30	•	*
	3	O	3	3	3	3	*				*
	6			Š	Š	Ž	×				Ē
į	×	ž	5				į				ŧ
k	-	*	•	*	*	*	*	*	*		*
t	-	•			_		*	125.0 *	0	71.9 *	*
K	Ξ	3	운	~	-	_	*	ŝ	11810	-:	*
ĸ	Σ	9		1	ی	-	*	~	=	-	#
K	ă	×	3	_	3	Ŭ	*				*
K	*	*	*	*	*	*	K	*	#	*	į
è	2	_	œ			2	*			•	Ē
Ξ											
÷	3	ž	e Lei	ı		5	*			9	ž
	J. P.	TATUE	A VE.	ı			***	ø	H	19	***
	ROJ. PU	STATUS	AVE	ı		<u>CF</u>	*******	8	H 69	9	****
	*PROJ.PU	* STATUS	* AVE.	•	*	* (CF3	*******	9 H	100 +	*	- 张松子子女女女女子
	DE *PROJ.PU	DE * STATUS	A * AVE.	*	*	1 + (CF3	- 不是不不不不不不不	50 × 30	IS * 0*		- 张松子学女学女学女女
	TUDE *PROJ.PU	TUDE * STATU	REA . AVE.	¥ .	* (x.	MI) + (CF	- 水量水水水量水水水水水	5.8 * 18	30°0 + 81	163 * #61	张林安全在农农农农会会会会
	TITUDE *PROJ.PU	GITUDE * STATUS	AREA . AVE.	T. CE.	X (X)	D.MI) + (CF	- 张莹在妆女女女女女女女女女女	35.6 × 18	S 30.0 * SI	163 * #61	教教女女女女女女女女女女女女女
	LATITUDE *PROJ.PU	CONGITUDE * STATUS	DR. AREA . AVE.	₩ (₩ W O)	K (N.H.C.)	COD. A CIN.	张俊宗宗宗宗宗宗宗宗宗宗宗宗宗宗宗宗	36 35.6 * 18	102 40*02 501	163 * 161	1.安徽安全在安全农业农业农业农业农业
1. 电对象电话 医电影 医电影 医电影 医电影 医电影	* LATITUDE *PROJ.PU	*LONGITUDE * STATUS	* DR. AREA * AVE.	* (X.E 0) *	* (N M O) *	* (SO.MI) * (CF	水银水水水水水水水水水水水水水水水水水	* 36 35.6 * 18	18 # 0°02 201 #3	# 163 # m61.1#	
医电子电子 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性	* LATITUDE *PROJ.PU	AM ALDNOTTUDE & STATUS	* DR. AREA * AVE.	T (N.E. O)	A (N.E.C.) *	A CHE COST A CONT	· 化邻苯甲基甲基甲基苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲	* 36 35 C * 18	4EE 105 30.0 + SI	19# # N9T #	1.张松子学会教会教会教会教会教会教会教会教会教会教会教会教会教会教会教会教会教会教会教
医电子性 医克里氏 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	* LATITUDE *PROJ.PU	REAM ALDNGITUDE & STATUS	* DR. AREA * AVE.	* (N.W. O) *	A (N.E. C) A	A COS. MID A CONT.	1.我就我我就就是我们的我们的我们的我们的我们的我们的	2 4 25 25 4 11S	CREE* 105 30.0 * SI	19# # N9T #	1.安徽安安在安徽安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安
医水性水 医乳球虫虫 医乳球虫虫虫虫虫虫虫虫虫虫虫虫虫	* LATITUDE *PROJ.PU	STREAM ALGNETTUDE & STATUS	* DR. AREA * AVE.	T (W.E O) #	* (N.H.O.) *	CENT A CENT	不懂有效性性性的 经存货的 医克朗克氏病 医克朗克氏病 医克朗克氏病 医克朗克氏病 医克朗克氏病	* 36 35,6 * 10	LA CREE* 105 30.0 * SI	19# * M9T *	1.安徽安安全保存公司公司公司公司公司公司公司公司公司公司公司公司公司公司公司公司公司公司公司
- 电影响 医多种	* LATITUDE *PROJ.PU	F STREAM *LONGITUDE * STATUS	* DR. AREA * AVE.	* (N. W. O) *	* (M.H.C.) *	PEOD * CHE.COD *	我就我们就就是我们的人们的人们的人们的人们的人们的人们的人们的人们的人们的人们的人们的人们的人们	A 35 35 4 10	TILLA CREE* 105 30.0 * SI	191 * N91 *	1.保证的证据的证据的证据的证据的证据的证据的证据的证据的证据的证据的证据的证据的证据
	ME + LATITUDE *PROJ.PU	OF STREAM ALGNOTTUDE & STATUS	* DR.AREA * AVE.	T (N. N. O.) #	* (X.Y.O.) *	PLO) # (HE CO) #	安徽省有政党的政党的政党的政党的政党的政党的政党的政党的政党的政党的政党的政党的政党的政	A 146 1450 € 1 10	SOTILLA CREEK 105 30.0 + SI	191 * 191 *	1. 微粒安全有效的现在分词 化二氯甲基甲基苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
	NAME + LATITUDE +PROJ.PU	THE OF STREAM FLONGITUDE & STATUS	THE AREA A AVE.	T (X.E O) #	* (X.E C) *	TEOD T CHE COD T	安徽州的安徽省北京市场的安徽省省市市场的安徽省省市场的安徽省市场	A 36 35,6 4 10	COSTILLA CREEK 105 30.0 + SI	19# # N91 #	1.安徽安全有效的政治和政治政治政治政治政治政治政治政治政治政治政治政治政治政治政治政治政治政治
	CH NAME + LATITUDE +PROG.PU	*NAME OF STREAM ALCONGITUDE & STATUS	ENER A ANNA A AVE.	T (X.E O) B	A (N.E. C) B	TEOD & CHE COD &	安徽省的安徽省的安徽省的安徽省安徽省省省省省省省省省省省省省省省省省省	01	COSTILLA CREE* 105 30.0 * SI	198 * N91 *	1.安全的现在分词,可以是一个人的,这个人的,我们也不是有一个人的,我们也不会有一个人的,我们也不是一个人的,我们也不是一个人的,我们也不是一个人的,我们也不是一个人的,我们也不是一个人的,我们也不是
	JECT NAME * LATITUDE *PROJ.PU	SULTAIN A MOUTHONDIA MARKED OF MEANT	DENER * DR. AREA * AVE.	T (N.W. C) T	A (N.H. C) A	TECH TOOK TOOK	安徽安全的经验的经济的现在分词 医多种的 医多种的 医多种的 医多种的 医多种的 医多种的 医多种的 医多种的	SH # 20°CM SH #	COSTILLA CREE* 105 30.0 * SI	191 * 191 *	1.安徽安安在保存的政治的政治政治政治政治政治政治政治政治政治政治政治政治政治政治政治政治政治政
	REJECT NAME * LATITUDE *PROJ.PU	CO. TANK OF STREAM FLONGITUDE & STATUS	DENER * DESARBA * AVE.	* (X.X.O) *	# (X"T C) #	TECH TON THE CONTRACTOR OF THE	1.安徽安全的经验的安全的安全的安全的安全的安全的安全的安全的安全的安全的安全的安全的安全的安全的	20 4 20 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	COSTILLA CREEK 105 NO.O + GI		1. 學教育學在學教學教育教育教育教育教育教育教育教育教育教育教育教育教育教育教育教育
	PREJECT NAME * LATITUDE *PROJ.PU	Y CO. TNAME OF STREAM ALCONGITUDES A STATUS	DENER * DR. AREA * AVE.	* (E.E.O.) *	A (N.E.C) A	LOO 4 (NE.CO) 4	安徽州北京市政府的政府的政府的政府的政府的政府的政府的政府的政府的政府的政府的政府的政府的政		COSTILLA CREEK 105 30.0 + 61		1.要接受证明的保存的有效的存在的现在分词的现在分词的现在分词的现在分词的现在分词形式。
1. 化放射性 医乳球性 医乳球性 医乳球性 医乳球性 医乳球性 医乳球性 医乳球性 医乳球	PREJECT NAME * LATITUDE *PROJ.PU	TARY CONAME OF STREAM ALGNGTLUDE A STATUS	DENRE * DR. AREA * AVE.	T (X.X O) #	* (X.E.C.) *	LO) 4 CHE COO 4	1. 带型有效处理的现在分词 化多数分别 医多种性 医多种性 医克拉特氏性 医克拉特氏 医克拉特氏 计计算机 计记录器 医克拉特氏病 计记录器 计记录器 计记录器 计记录器 计记录器 计记录器 计记录器 计记录器				1. 學位學學有關的學術學學學學學學學學學學學學學學學學學學學學學學學學學學學學學學
	PROJECT NAME * LATITUDE *PROJ.PU	SIMARY CONAME OF STREAM ALCONDITUDE & STATUS	DENRE A DR. AND A AVE.	T (Nº X O) B	T (X"T C) T	LU) + CHE+CO) +	1. 存储的复数的复数形式 化二氯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基				1. 學位學學有關的學術學的學術學的學術學學學學學學學學學學學學學學學學學學學學學學學學學
1. 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性	PROJECT NAME + LATITUDE +PROJ.PU	DETABLY CO NAME OF GIRDAM ALCONOMICOR & GIATOR	CENER & CH. ARINA & ARINA	T (WW C) T	# (X.E.C.) #	LUD 4 CHE COD 4	非被保护的现在分词 计多数 医多种				1. 微粒子型化物物物 医含化物 化合物 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
M. 医放射性 医乳球 医皮肤 医皮肤 医多种	PROUPERT NAME + LATITUDE +PROUPDING	A PRIMARY CONAME OF STREAM ALCONDITIONS A STATUS	AMEN A ARTHUR A AVE.	* (X.X. 0) *	* (X C) *	140) 4 (12.00) 4	非被保持的现在分词 计多数 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性				1.安徽安全在安徽安徽安徽安徽安徽安徽安徽安徽安徽安徽安徽安徽安徽安徽安安安安安安安安
SE EXECUTE EXECUTE E L'EXECUTE E EXECUTE E EXE	NO * PROJECT NAME * LATITUDE +PROJ.PU	NO A PRIMARY CO NAME OF GIRBAN ALGONGHIUDE A GIATUR	DENER & DESKER & AVE.	A (O MeM) A	A (Nat C) A	110) 4 (HE+00) 4	不证明有效的的现在分词 计多数 化多数 医多数 医多数 医多数 医多数 医多数 医多数 医多种				1.安徽安徽省安徽省安徽省安徽省安徽安徽省安徽安徽省安徽安徽省安徽省安徽省安徽安徽安徽安徽安徽省安徽省
MER SE	O NO * PROJECT NAME * LATITUDE *PROJ.PU	O NO A PRIMARY CONAME OF STREAM ALCNGTIUSE A STATUL	OFFO * DENETO * DESTEND * ANTE	CODE * (M.M.) *	* (x° x C) *	(LC) + (LE+00) + SI	1. 化性量性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性				1. 微粒子银色物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物
	LO NO 4 PROJECT NAME + LATITUDE +PROJ.PU	ID NO * PRIMARY CO NAME OF GIRBAN ALGNGITUDE * STATUL	DEN * DENER * AVE.	# (M.W.) #	T (N T C) T	THE THE CONTRACTOR A STILL A S	1. 保证保险权限的保证保证权限保证保证保证保证保证保证保证保证保证保证证证证证证证证证证证证				(整体的现在分词 医克拉克氏试验检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检
	1 2 ID NO * PROJECT NAME * LATITUDE *PROJ.PU	THE TO NO A DESIGNATIVE OF STREET AND A STREET A LONGITUDE A STATUS	TAY DEP * DENER * DEP * AVE.	DE CODE *	A (N. A C) A HILLIA	SECOND 4 CHE COD 4 SILVED	1. 保证保存权保证保证保证保证保证保证保证保证保证保证保证保证保证保证保证保证保证保				1. 微粒子学的复数形式 化电子 医多种
MENTER PRODUCTION OF THE PRODU	ING. TO MAKE BOOKER A DO OF A MET AND A DESCRIPTION OF A	THE TERM A DESIGNABLY CO. TANAME OF GRAMMA FLONGITUDE A GIATUR	ACTV DEP * DENER * AVE.	CODE CODE *		STATUS + CPROPAGE + SUPAGE	1. 保证的存在存在的存在的存在的存在的存在的存在的存在的存在的存在的现在分词存在的存在的有关的现在分词				1.微微型银色物物的复数形式物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物
MEET RESERVED TO THE PROPERTY OF THE PROPERTY	THE TO NOT TO BROUGEST NAME TAIL ATLITUDE TOROL OF IT	A TH 1 IO NO A DRIMARY CO. TANAMO OF GRAM ALCONGHIODE A GIATUL	* ACTV DEP * DWNER * DR. AVE.	* CODE CODE *	T (Nº CO) T	TOUR TOUR TOURN A (MMH) A (MH) A (MH) A (CLEO) A (CD) A CONDITION A CONTROL TOUR	1. 你就我就就就就我我就我们就我们的的人,我们的人们的人们的人们的人们的人们的人们的人们的人们的人们的人们的人们的人们的人们	A NASOWAO111 A AMALIA	* NMUONAS 4 1ADS COSTILLA CRRE\$ 105 NO.O 4 61	TOTAL TANGE TO THE TANGE TO THE TOTAL TOTA	化物物 医乳球性 医乳球性 医乳球性 医乳球性 医乳球性 医乳球性 医乳球性 医乳球性

SCALE DEVELOPMENT 30 A E C ADDITIONAL > 0 11 2 11 N N 62 60 84 CAPACITY POTENTIAL HYDROELECTRIC PHYSICAL

* *	* * * * * * :	***	医骨状性 有有的 化化二苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	***	****	***	***	*	化电子 化二甲甲基甲基甲基甲基甲甲基甲甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲	**	*	***	****	****	***	***	· · · · · · · · · · · · · · · · · · ·
* * * m < c	* * * 3	***************************************	***************************************	***************************************	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	POTENTIAL		INCREMENTAL	CAP	4	g .	4		•		
. ₩ Z	. * * * ; . * *		E E E	33 X. M.			E 3K (Σ	ž -		k # . k 33 . k & .	3 E		* C * * *	4 4 5 5 10 1 4 4 5 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * 3 * 3 * 4 * 0	* * *
1 ta 2 tr - 10 de 1 d	H Z	# # # # # # # # # # # # # # # # # # #		K T T T T T T T T T T T T T T T T T T T	KD H 4	K T T T T T T T T T T T T T T T T T T T	E X X X X X X X X X X X X X X X X X X X	K	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 00 00 4 1	* 50 0 4		* F 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* H Z U	# # # # # # # # # # # # # # # # # # #	* - 20
0		6.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	# # # # # # # 00 → . # 10 # 10 - 10 # 10 - 10 # 10 - 10		K W 0	* * * * * * * * * * * * * * * * * * *		* * * * * * C . * * C	* **** * *** * *** * *** * *** * *** * ***	0	K		**************************************	# # # # # # # # # # # # # # # # # # #	# 00 7 # 00 00 # 00 00 # 00 00 # 00 00 # 00 00	* * * * * * * * * * * * * * * * * * *	* 60.4 * W.F- * UI = NI * 60.4 *
0		M 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7	* * * * * * * * * * * * * * * * * * *	313	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	E E E E E E E E E E E E E E E E E E E	* * * * * * * *** * *** * *** * ***	6 M 10 M 1	2 OF 1	K PO K PO K 900 K 400 P		* NO 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* 0.0	4	2000 H
6			010.	0		M	# # # # # 10 00 0 01 00 M en	C	M * * * *	0.0 2.0 	****	6.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		# # # # # # # # # # # # # # # # # # #	#	# # # # # # # # # # # # # # # # # # #	* (0.00
C C .			M = 2	* * * * *	* * * * * * * * * * * * * * * * * * *	0 PO	# # # # # 	C	27 H B B B B B B B B B B B B B B B B B B	00- 00- 00-		0	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *		* 0 M * 0 M
TOTAL		100 H		* * * * * * * * * * * * * * * * * * *		F 2 4	210 00 00 00 00 00 00 00 00 00 00 00 00 0	* *		# # # # # # # # # # # # # # # # # # #	K NN N NN N NN N N NN N N N N N N N N N	12.0*	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
******	# # W # # # # # # # # # # # # # # # # #		INSTALLED CAPACITY INCREMENTAL CAPACITY POTENTIAL CAPACITY ************************************	CAPAC CAPAC CAPAC * CAPAC	4	XX IN	00 H + 00		. 30 £	# EN	34 4 6 6 4 7 6 4 7 6 4 7 6 4 7 6 4 7 7 7 8	F 00 4	# # # # # # # # # # # # # # # # # # #	2	552 ‡	CUMNO RANGER AND RANGE	* * * * * * * * * * * * * * * * * * *

DEVELOPARNT ADDITIONAL > 0 0x x > 00 01 21 21 31 * W ox CI UL ы. О Z W POTENTIAL CAPACITY H H PHYSICAL OFLECTRIC α >-

* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# 3 # E # Un	* ID * ***	**************************************	· · · · · · · · · · · · · · · · · · ·	# # # # # # # # # # # # # # # # # # #	A * U		Q # # # #	ACITY RANGI	# E # III # III # Z W # Z	* * * * * * * * * * * * * * * * * * *	化 	* * * * * * * * * * * * * * * * * * *	***************************************	*******
***	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************	**************************************	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	4	**************************************	# * * * * * * * * * * * * * * * * * * *	# X X X X X X X X X X X X X X X X X X X	# H D D D D D D D D D D D D D D D D D D	* * * O * O * O * O * O * O * O * O * O	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* 10 × 10 × 10 × 10 × 10 × 10 × 10 × 10
* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# 00 # 00 # 07 12 # 00 3 RU # 4 4 4 4 4		2 -					000		* * * * * * * OOO * OO		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		# CC + F
* * * * * * * * * * * * * * * * * * *			x MO00	8 1				* * * * * * * * * * * * * * * * * * *			000	* * * * * * * * * * * * * * * * * * *	株 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	
* * * * * * * * * * * * * * * * * * * *				* * * * * * * * * * * * * * * * * * *	* 000 * 000 * 000 * 000	E		* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	(V M) 	2 W	K CD C M C M C M C M C M C M C M C M C M	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	M M M M M M M M M M M M M M M M M M M
* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *		* C :	K K K K COCOO		# # # # # # # # # # # # # # # # # # #	K + + + + + + + + + + + + + + + + + + +	1 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # #		* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	K (19 9)
* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	2	K		* * * * * * * * * * * * * * * * * * *		2000 2000 2000 2000 2000 2000 2000 200	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	x C007
	COLUMN 1 B EXTERIOR HYDROPOWER COLUMN 3 B UNDEVELOPED POTENTIA	X X X X X X X X X X X X X X X X X X X	* + + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0	DWER DEVENTIAL AT		NG DAM G		2	UM OF C	PO P	FOR G	ALL SITES (S GIVEN HEAD IVEN HEAD RA	2	F COLUMNS 2 F (MEGAWATT	4 2 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	E CZ

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19.29.37 PAGE 1 OF TABLE 1

10 H	THE OF STREAM CREEK RES AUSABLE RIVERS 25.0.1 F. C.	NO N	52 1152		21 2021	19			1174	36 1186	9-0 0-0 0-0
Character Char	PRIMARY CD MAHE OF STREAM - LONGTINGE STRUGS - NYSTON - NAHE OF STREAM - LONGTINGE STRUGS - NYSTON - NAHE OF STREAM - LONGTINGE STRUGS - NYSTON - NAHE OF STREAM - NOTHER OF STRUGS - NYSTON - NAHE OF STRUGS - NYSTON - NAHE OF STRUGS - NYSTON - NAHE OF STRUGS - NYSTON - N	w -	· · · · · · · · · · · · · · · · · · ·			379				186	•
** * CDYGHTUDE ** * CAP** CAP*	PRITHARY CO. NAME OF STREAM SCRIPTINGS STATUS STREAM CO. NAME OF STREA	- S C C C C C C C C C C C C C C C C C C	* 11 44 * 10 4 * 10	00	7.9	9.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0		W W W *	4. 4. 4.	์ 4
## CDM CATUDE # AVE D # PERS HOS # TOTAL CAP	PRIMARY CDNAME OF STREAM STORY STATUS STA		* 0.0 0 * 0.0 4 * 4 0.0 * 0.0 6 * 0.0 0	85 14 88 82 82 82 82 82 82 82 82 82 82 82 82	40 40 40 40	NI NI NI NI O 42 44 C 44 44 44	0 0 0 0 0 0	***** OMM ## ##	20.0	119000 119000 119000 119000 119000 119000 119000 119000 119000	
## LONGITUDE # AVEC ### CONG AVEC AVEC	PRIMARY CDNAME DF STREAM * LONGITUDE * STATUS * NEW * STATUS *	. C	**************************************	* * * * * CO O 80 80 M M	124	& & RU (U	സസ		0.0 0.0 0.0 0.44	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	E
### ##################################	PRIMARY CD. = NAME OF STREAM * LONGSTIDE * STATUS ***********************************	• • •		. n	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.00 10.4.0	77 100000 64 6 4	4 60 Ui		ווויט חיו	44.4
2	## PRIMARY CD IMAME OF STREAT * LONGITUDE * * * * * * * * * * * * * * * * * * *	AVE. B	**************************************	80 81 81 81	1400.0	R P 471	80 80 80 80	s •217.1	#6572 88 9.03	801.7	7.89
**************************************	PRIMARY CD. BANK DIREATE AND ALPANY CO. BANK CORP ALPANY ALPANY MOTAMK CORP ALPANY ALPANY CORP ALPANY CONFERENCE TIVER ALLEGANY GENERER TIVER ALLEGANY GENERER TIVER ALLEGANY CONFERENCE RES CONFERENCE RES CONFERENCE RES CATARAUGUS CONFERENCE RES CATARAUGUS CONFERENCE RES CATARAUGUS CONFERENCE RES CATARAUGUS CONFERENCE RECTRIC + GAS HIGH FALLS CANTON SARANAC RIVERS CALINTON SARANAC CALINTON	000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 M 7 4 4	4 W Q.	// N. N. O. S. O	0 € 0 0 0 0	92	27 MJ	4 4 1 4 4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 W W W W W W W W W W W W W W W W W W W
TISLAND ************************************	DEF * PRIMARY CO NAME OF COS * * ALBANY BLAND HUDGE COS * ALBANY BLAND HUDGE COS * * ALBANY BLAND HUDGE COS * * ALBANY BLAND HUDGE COS * * ALEGANY GENESS COS * * ALEGANY STATE ELECTA * * * * * * * * * * * * * * * * * * *	****		RIVE	RIVER	G.	ີ ພ ອະ	C) BH	RIVER		RIVER
	00 00 00 00 00 00 00 00 00 00 00 00 00	TRY CO. LYANG OF CENERA	STATE ON THE STATE OF THE STATE	84 HOHAWK		POINT	ANGO CREEK RAS Raugis	(C) (R) (R)		ILLE CONCRETE D ON BARAN ORK STATE ELECT	FALLS DAM ON Saran Rn ny Power Cor

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19,29,37 PAGE 1 PAGE 19,29,37

CODE CODE * FILE * STATUS *	E UU XX	* * * *			*.* * *	* * * *	* (FT) * (AC FT) * (FT)	 - * * * *		** (TEE) * (TEE) * (TEE) *	4 (1000 B) 4 (8/MEL) 4 (8/MEL)	A (SEGUENCE PARKY (SEGUENCE PARKY) *	CR AND CR
* 6 . 1	AND TANDO CONTRACTOR OF TANDO CONTRACTOR CON	*************	# 3 M	# # # # # # # # # # # # # # # # # # #	* * * *	* 1	# 47 - (* * * * * * *	######################################	*000	* * * * * * * * * * * * * * * * * * *	**************************************	* .
	THE ACKE AND A SECOND AND A SECOND ASSECTION A			6	* * *	# # # 0	•			* * *		* * *	21.21
NYGNANOO48 NYOO3NU * NYOO3NU *	MILL C CLINTON NEY YORK ST EL	0 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 k	4 W 0 4 W 0 4 W	***	# # # # # # # # # # # # # # # # # # #	6 W 10 0	****	7477 7440 7040 7040 4444	17497 17497 29497 *	2431.04 24.663	1193	1193
AYONANOAN NYOONUG W AYONUG W	PLATTSBURG NO 1 CLINTON GEORGIA PACIFIC	* * * * * O	2 k	4 V 0 8 N 0 0 V	* * * * *	* * * * *	4 4 4 W	****	2400 8930 11330 *	100000 179950 179950 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	450.18	* * * * *	1198 1198
NYGNANOO46 * NYGO262 * DRC *	* PLATISBURG * CLINTON S * IMPERIAL PAPER C	4 4 4 4 4	a.w	4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	* * * * *	0P ***	0 N N N N N N N N N N N N N N N N N N N	****	600 ** 5124 **	0.000 0.000 0.000 0.000	13. 480 13. 55	* 1123 * * 1113	123
NYGNANOOSO NYOOBNY N DRC D	* PLATTSBURG NO 2 * CLINTON S * GEORGIA PACIFIC -	* * * * *	a w	44 64 64 64 64 64	****	4 # # # # # # # # # # # # # # # # # # #	00° 90 ~ Nu Nu	****	M 4 8 40 80 00 00 41 8 8 8 8 8 4	30000 30000 30000 30000 30000 30000 30000 30000	28 50 50 50 50 50 50 50 50 50 50 50 50 50	* * * 1230 * * * * 1230	230 1230
NYDNANOOSA NYOOSA NYOOSA NYOOSA	TAREDNELLS MILL STORINGS PACIFIC	DAM SARANAC RIVER**	4 t	40 40 50 60 60	* * * * *	* * * * * 0° 00 10	MO.0	****	10 10 10 10 10 10 10 10 10 10 10 10 10 1	13661 13661 13661	431.44 31.831	* * * * * * * * * * * * * * * * * * *	251
NYINANOITA NYOONBE	STUVVESANT FALL COLUMBIA Niagara mohawk	S XINDERHOOK CRR CORP *	2 K W W	4 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	T 00 00 00 00 00 00 00 00 00 00 00 00 00	# 0 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	****	2000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11700 12406 12406 12406	36. 7	* * * * * * * * * * * * * * * * * * *	288 42 1288
NYCNAPOO17 NYOOSAN	* CANNONSVILLE DAM * CELAHARE * CITY OF NEW YORK	BR DELAWARE	* * * * * 4 L UIU	3.7 22.5 45.5	* * * * *	000 000 000 000 000 000 000 000 000 00	175.0 450000 146.1	****	19009	26071 00071 071	1156.7	W * * * *	163
NYCNAPOO16	* DELACTON (DOENOVILLE)	ELAWARE	7 E	4 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	* * *	8.00 PFO	6094	***	21870 *	36256	1174.3	* 1238 * 1238	

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19.29.37 PAGE 3 OF TABLE 1

CTV DEP	ANHANA CONTRACTOR AND CONTRACTOR	2 X 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2000		2		AHP 4 CD 6 C 3 3 3 6 C 3 3 3 6 C 3 3 3 7 C 6 7 C 6 7 C 7 7 C 7	AND	1000 1000 1000 1000 1000 1000 1000 100		RCONDAIC RC NONGCONDAIC REC CONTROL RANKO RANKO
	SASABARANASARASARASARASARASARASARASARASARASAR	A A A A A A A A A A A A A A A A A A A	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	44444444444444444444444444444444444444	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	**************************************	東京	E#K \$43
NYGNANDOUS NYDOODUS NYDOODUS DRC	TAPPINGERS FALLS OUTCHESS BON+A REALTY CORP	A A TO	4 M W W W W W W W W W W W W W W W W W W	****	T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O	1300 3071 4371	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	577 50° 544 544 544 549	1377	1377
NYGNCBOO16 NYOOB46 NYOOBA6 NYOOBAA NYO	SPRINGVILLE ERIE VILLAGE OF SPRI	CATTARAUGUS CA	42 40 40 40 40 40 40	* * * * * * • • • • •	1.0 TG		61 Nr.	01 - W 0 - 4 0 - 4 0 - 0 0 - 0 0 - 0 1 - 4 1 - 5 1 - 5	* * * * * ·	1059	1059
NYCNANOOYO NYOOONW DRC DRC	SE XE XE SO DE XE	CEDAR RIVERS	43 36.9 74 32.7 160	****	00 to		6 6 6 6 6 7 6 10 10	000 000 000 000 000 000 000 000 000 00	611.90 09.774 * * * * * * * * * * * * * * * * * * *	1240	1240
NYCNANOOS NYCOSII	CIERRY PATCH EGGRX	# * * OD B B B B B B B B B B B B B B B B B B	74 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	****	* * * * * * * * * * * * * * * * * * *	0 0 0	10000		100 100 100 100 100 100 100 100 100 100	1231	1231
NYANANOOS7 ** NYOOS10'** DRC DRC	CLINTONVILLE	A A COASIE RIVERA A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 to the total of	4 * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 2 0 0 0 0 0 0	O M M	* * * * *	272° 6 4 4 511 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1611	1191
NYONANOOYI NYOOBUG BRC BRC	L S ROGERS DAM ESSEX L ROGERS + CO	AUSABLE RIVERS	44 44 40 41 40 40	****	7.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	W 60 00 00 00 00 00 00 00 00 00 00 00 00	15867 158667 158667	M W W W W W W W W W W W W W W W W W W W	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1300	1300
NYANANOOSO X NYOOSO X BRC X X X	KETTLE MOUNTAIN	* * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	# # # # # # # # # # # # # # # # # # #	M N N O O O O O O O O O O O O O O O O O	0 00 00 mm q	12 12 12 12 12 12 12 12 12 12 12 12 12 1	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1192	1192
NYGNANOOGU * NYOONGU *	A NYGNANOO63 A ROME DAM A NYOO243 A ESSEX A NYOO243 A ESSEX A GAC A GAC ROGERS CO.	VERSH GRANCI A**	44 26.6 73 41.9	***	00 ***********************************	- N	050 050 050 050 050 050 050 050 050 050	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	76.989 **	1375	275

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19.29.38

	m M
**************************************	· •
11 11 12 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11.13
	£ 133
R CC	*****
# > O	MM .CO 37 ↔ 18 ↔ 10 M
# NZ	ហ មា ល ⊷
######################################	******
11	
**************************************	MARI F F
XXO	****
*** *** **** *** *** *** *** *** *** *	244 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
THE THE TENT OF TH	
KHOF #	

TO	x0 x0
* CC	*****
A A A A A A A A A A A A A A A A A A A	80 80 80 80 80 80 80 80 80 80 80 80 80 8
######################################	47 47 44 44 44 44 44 44 44 44 44 44 44 4
**************************************	. * * * * * * * * *
######################################	ST REGIS R POWER COR SALMON RIV
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
1	6
PRIMARY CO. ECT MAINTEN TO THE CONTROL OF THE CONTR	HOGANSBURG FRANKLIN NIAGARA MOHAWK HACCMB FRANKLIN
	HOGANS NIAGAR NIAGAR NIAGAR NIAGAR
**************************************	********
	CB0026 00849 DRC I CB0019 00462
200 3 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	mon mon
THE TO NO PERSONAL TO NAME OF STATES AND STA	* NYGNCBOOZ6 * HOGANSBURG * NYGOG49 * FRANKLIN * DRC I * NIAGARA HOHAWK POWER COR * NYJNCBOO19 * HACCHB * NYJNCBOO19 * HACCHB * NYOO462 * FRANKLIN * NYOO462 * FRANKLIN

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19,29,38 PAGE 3 OF TABLE 1

A S S S S S S S S S S S S S S S S S S S		* * * * * * * * * * * * * * * * * * *	# # # # #		* * * * * * * * * * * * * * * * * * *	2 2 2 2 5 1 0 0 0	***	****	数 数 数 数 数 数 数 数 数 数 数 数 数 数 数 数 数 数 数
# 0 2 0 2 W # 2 2 0 0 2 W # 2 2 0 0 0 2 W # 2 2 0 0 0 2 W # 2 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 10	1.58 W	8 8 5	40 65 64	មា មា មា	& &	2 2	ລ ຄົ ຄົນ ~~	~ * *
A CONDUINCE A SOUNCE OF SOUNCE OF SOUNCE OF SOUNCE AS CONDUINCE AS CON	# W	on m	89	86	E E	5. 5.	A- 27 - 27 - 27 - 27 - 27 - 27 - 27 - 27	20 20 20 21	2
* + 0 0 0 1 3 1 0 0 1 3 1 0 0 1 3 1 0 0 1 3 1 0 0 1 3 1 0 1 1 1 1	44444444444444444444444444444444444444	44 40 40 40 40 40 40 40 40 40 40 40 40 4	4 M 1 M 1 M 1 M 1 M	34.8 34.8 80.8 80.8	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	00 00 00 00 00 00 00 00 00 00 00 00 00	N & & & & & & & & & & & & & & & & & & &		**************************************
######################################	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * O ~ ~ O O O O O O O O	0 10 10 10 10 10 10 10 10 10 10 10 10 10	8 8 8 8 8 8 O III III M III II III	P P P P P P P P P P P P P P P P P P P		22 24 20 20 20 24 24 24 24	# # # # # # # # # # # # # # # # # # #
MXH44 MXH00 MX MX MXH00 MX MXH00 MX MX MX MXH00 MX MX MXH00 MX MX MXH00	######################################	34 66 000 000		44 88 000 000			6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
# CPL		***** ***** **** *****	2 4 4 4 4	1 4 0 0 0 0 4 4 4 4 4	20 4 20 4 60 0 00 0	M W W		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2
6 D	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	S C C C C C C C C C C C C C C C C C C C	TC	TO T		A C C C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * * *	在
	**************************************	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	74 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	42 17 4 74 11 00	MA Mu	M W W W W W W W W W W W W W W W W W W W	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 46 46	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	IRVING POND DAK FULTON TR TO CANADA M NEW YORK POWER AND LIGHT	PECKO LAKE DAM FULTON POHAWK HYDRO-FELECTRIC CO *	CATAD GARRING CATOKILL CARRES CLG + R	INDIAN LAKE STONE DAN ALHAMILTON INDIAN RIVER & RINDIAN RIVER & A	PIGACO LAKE ATATITON KEGAT BR GACANA	DOLGEVILLE HERKIMER EAST CANADA CAVILLAGE OF DOLGEVILLE	KYOGR LAKE DAM HERKIMER EAST CANADA CA NIAGARA MOHAWK	A TOTALIO FALLS A TOTALIO
######################################	RMLZ	NYDNANDO78 * IN NYOO174 * FFU	NYONANDO77 # PE	* NYDNANOOS6 * CATA	N 40 N N N N N N N N N N N N N N N N N N	NYANANOOGNA WANANOOGNA WANANA WAOOGLOG WATANA WATAN	****	NYANANOOSS # XYOUSS # IN PRESENTED BY # IN PRESENTED BY IN PRE	* NYGNANOSOS * LT * NYOOYSS * HE * 2 DRC * *

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19,29,38

		1264 1264 1264 1264	2108 2105 2108	1235	1437	* 1272 * 1272 * 1272	****	* 1173 * 1173 * 1173	1971
44444444444444444444444444444444444444	# CO CO	24430 35.159 25.159	20 CO	181. 29.410	2.00 2.00 2.00 3.00 5.00 5.00	3108 83.68 68.69	00	181 21.910	3276.2
**************************************	**************************************	6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	74700 77260 77260 7440	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1 1 2 6 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * 0 00 00 0 00 0 00 0 00 0 00 0	53 92 11 5 8 9 11 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 RU 4 MU CO AU CO	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
X		* * * * * * * * * * * * * * * * * * *		0 M M 00 H	10 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* * * * * * * * * * * * * * * * * * *	6 U 8 0 0 0 0 4 4 0 4 6 0 6 7	16116
******		85 M O O O		000 0 0 M	0 NI O	000	# # # # # # # # # # # # # # # # # # #	# # # # # O 00 0	* * * * * * * * * * * * * * * * * * *
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #		* * * * * * * * * * * * * * * * * * *	S 230.0	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	T MGNO SON A WANTED	X X X X X X X X X X X X X X X X X X X
	x x x x x x x x x x x x x x x x x x x	44 44 46 44 46 46 46 46 46 46 46 46 46 4	* * * * * * * * * * * * * * * * * * *	M M M M M M M M M M M M M M M M M M M	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 4 4 0 0 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
CENTRA CONTRA CO	BEAVER RIVER	REST CANADA C.	DAK MEST CANADA C THAUK POWER CORP	TEP PESENVIE DAM R BEAVER RIVER	FALLS WEST CANADA C. MOHAWK CORP	R WEST CANADA C	BEEREE ISLAND JEFFERSON BLACK RIVER BEEREE ISLAND CORP	BLACK RIVER POWER DAM JEFFERSON BLACK RIVER NIAGARA MOHAWK POWER COR	NYYNCBOO44 * BROWNVILLE DAM NYOO286 * JEFFERSON BLACK RIVER 2 DRC I * PREMOID CORP.
			A T T T T T T T T T T T T T T T T T T T			A TENTANTE	***	* * * * *	A BROWN VILLE DA BROWN VILLE DA A BROWN VILLE DA B
E E E E E E E E E E E E E E E E E E E	N	NYANANOO9	NYINANOÍOO NYOOGOI 2 DRC	NYCNCBOO36 NYOO316 2 DRC I	NYGNANDO99 NYOO196 2 DRC	NYDNANO104 NYOO914 PRC	NYGNCB0062 NYOO733 6 DFC I	NYGNCBOOSS NYGOGUS PRC I	NYYNCBOO44 NYOO286 2 DRC I

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19,29,36

PRIMERS NAME OF STREAM	**************************************	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10800 * 72181 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 *	1000 # 3100 * 56.708 * 1054 415 * 9289 * 6.1048 * 1054 1615 * 12389 * 6.1048 * 1054 0 * 422.44 * 1082 6315 * 49931 * 8.4604 * 1082 * 1082 *	5475 # 46005 # 868 8 # 107W 5475 # 46005 # 8
	************************************ ****	# # # # # # # # # # # # # # # # # # #	10 10 00 00 00 00 10 00	10 IH 20 IH 80 00 W 80 00 W 80 00 W 80 00 W	######################################
N	* * * * * * *	* CROWN ZELLERBACH CORP DAM * CROWN ZELLERBACH CORP CORP * * * * * * * * * * * * * * * * * * *	DEPERTET JEFFERSON NIAGARA MOHAWK POWER COR # 75 40. NIAGARA MOHAWK POWER COR # 1001 DEXTER DEXTER DEXTER HYDRO-ELECT CORP # 101	6 # DIAMOND ISLAND 8 LACK RIVER # 75 558, 14 NIAGARA MOHAWK POWER COR # 1887, 15 FELTS MILLS DEVEL DAM # 444 1. 15 MIRTERSON BLACK RIVER # 75 455, 15 MIRTERSON BLACK RIVER # 75 455, 15 MIRTERSON BLACK RIVER # 75 455, 16 MIRTERSON BLACK RIVER # 75 455, 16 MIRTERSON BLACK RIVER # 75 455, 16 MIRTERSON BLACK RIVER # 1895, 16 MIRTERSON BLACK RIVER # 1895, 17 MIRTERSON BLACK RIVER # 1895, 18 MIRTERSON BLACK RIVER # 1895, 18 MIRTERSON BLACK RIVER # 1895, 19 MIRTERSON BLACK RIVER # 1895, 18 MIRTERS	* GLEN PARK MILL A SITE * 443 S9. * JEFFERSON BLACK RIVER * 75 S6. * NIAGARA MOHAWK POWER COR * 167 S6. * GLEN PARK MILL C * 443 S8. * JEFFERSON BLACK RIVER * 75 S2. * NIAGARA MOHAWK POWER COR * 167 S6.

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19.29.38

A DOMAR MANAGEMENT A SOUTH A S	4 000 100 100 100 100 100 100 100 100 10	2172 2172 4 4 1072 4 4 4 1072	1060	1263 1264 1264 *	1176 1178 1178 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1120	0 1210 1210 1210 1210 1210 1210 1210 121	1087	4 1091 4 4 1091 4 4 1091 4 4 4 1091 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	1175	1060	1263	1178	1120	121	1087	1091
* - 0 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	0.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	86 86 87 87 88 88 88 88 88 88 88 88 88 88 88	2000 2000 2000 2000 2000 2000 2000	# # # # # 0.000 0.	8 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4	44 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	60 00 00 00 00 00 00 00 00 00 00 00 00 0	96.657 4
****** ****** ****** ******** ******	# # # # # # # # # # # # # # # # # # #	01	できませる のできます。 のできます。 のできませる ではない。 では、これでは、これでは、これでは、これでは、これでは、これでは、これでは、これ	000 000 000 000 000 000	4 4 4 4 0 40 0 40 0 40 0 40 0 40 0 40 0	10 04 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	MW0000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
*	E & E & E & E & E & E & E & E & E & E &	2000 2000 2000 2000 2000 4444	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		N IN	0 m m	22 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		4 0000 4 0000 4 0000 4 0000 4 0000 4 0000 4 0000 5 00000 5 0000 5 0000 5 0000 5 0000 5 0000 5 0000 5 0000 5 0000 5 00000 5 0000 5 0000 5 0000 5 0000 5 0000 5 0000 5 0000 5 0000 5 00000 5 0000 5 0000 5 0000 5 0000 5 0000 5 0000 5 0000 5 0000 5 00000 5 0000 5 0000 5 0000 5 0000 5 0000 5 0000 5 0000 5 0000 5 00000 5 0000 5 00
* * * * * * * * * * * * * * * * * * *		M 40 M	/M // // W // // W // W // W // W // W /	* * * * * * * * * * * * * * * * * * *	O 0.	17 de 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * *	M 00 W 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# 4 4 5 C 6 6 6 4 4 C C C C C C C C C C C C C C		# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# # COOLN	# # # # # # # # # # # # # # # # # # #	# # CO # # # # CO # # # # CO # # # # # #
A C M C C C C C C C C C C C C C C C C C	4 1000 4 1000 4001 4001 4000 4000 4000 4	44 1.3 4 4.0 1.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	44 0.7 4 4 75 47 5 4 4 4 5 5 5 5 5 5 5 5 5 5	45 50 50 50 50 50 50 50 50 50 50 50 50 50	44 000 000 000 000 000 000 000	M M M M M M M M M M M M M M M M M M M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4	4 0 00 00 00 00 00 00 00 00 00 00 00 00
* X	STATES TO STATES AND	TERRINGS CETTERSON BLACK RIVER * NIAGARA MOHAWK POWER COR *	KAMARGO LEFFERSON BLACK RIVER * NIAGARA MOHAWK POWER CORP *	AME 23 AME 24 AME 24 AME 24 AME 24 AME	PHILADELPHIA ?2 * JEFFERSON INDIAN RIVER * VILLAGE OF PHILADELPHIA *	SEWALLS ISLAND * JEFFERSON BLACK RIVER * NIAGARA HOHAWK POWER COR	TANNERY ISLAND DAM JEFFERSON BLACK RIVER * ISLAND PAPER CC	THERESO 7: INDIAN RIVER * CHETEROON INDIAN RIVER * NIAGARA MEHANK POWER COR *	AUN KAIN DIVER DANK BLACK RIVER & BLACK RIVER & MUNICIPAL ELEC
ACT ON A PRIMA ACT COOK A COOK		****	***	* * * * * CEFFE	****	のウス * * * * *	****	* * * * *	TARREST TO THE STATE OF THE STA
* * * * * * * * * * * * * * * * * * *	NYMNCB0048 NY00293 2 DRC I	NYGNCBOOS8 NYGOYOO 2 DRC I	NYHNCB0060 NYOO729 2 DRC I	NYCNCBOO47 NYOO292 2 DRC I	NYNNCBOO68 NYDOBUS NYDOBUS	NYHNCB0061 NY00731 Z DRC I	NYXNCBOO51 NYOO299	NYINCBOOSS NYOO407 2 DRC I	* NYGNCBOOM* * NYGNCBOOM* * NYOOGBG * * * * * * * * * * * * * * * * * *

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19.29.39

REC ECONOMICE EN CONTROL OF CONTR	# # # # # # # # # # # # # # # # # # #	250		-	1093	134		1149	2114
	1190 1190 1190 1190 1190 1190 1190 1190	1250	****		1093	1134		1149	2040
NEEGY COST (1000 6)	**************************************	21. 31. 31. 37. 37.	00	00	0 6 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	109.73 15.271	00	19 6 6 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	88.04 88.04 88.04
THE TOTAL OF STATE OF	* * * * * * * * * * * * * * * * * * *	4 * * * * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 00 00 00 00 00 00 00 00 00 00 00 00 0	M W W W W W W W W W W W W W W W W W W W	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	9707 1001 10788	00 0111 06 0 1108 0 4 4 4 4
HINH HINH HINH HINH HINH HINH HINH HINH	**************************************	* * * * * O	0000 90 10	* * * * *	4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	4 + + + + + + + + + + + + + + + + + + +	* * * * * * * * * * * * * *		1001001
(FT) ***	* * * * * * * * * * * * * * * * * * *	17 17 00 00 00 00 00 00 00 00 00 00 00 00 00		17. 18.00 19.00 19.00		M M M M M M M M M M M M M M M M M M M	# # # # # OOD • # # M M M M M M	M M OM P og o og o	* * * * 0 0 0 0 0 0
VE. G	**************************************	TO 000	# # # # # CO GO TO	* * * * O * O MM	T 00 010 010 010 010 010 010 010 010 010	# * # 0 0 0 6 N	# # # # # # # # # # # # # # # # # # #	M M M M M M M M M M M M M M M M M M M	II M M M M M M M M M M M M M M M M M M
A C C C C C C C C C C C C C C C C C C C	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	43 55.6 75 19.7 252	43 32 43 19°34 43°4	44 54 54 54 54 54 54 54 54 54 54 54 54 5	2 P	MAN WAN WAN WAN WAN WAN WAN WAN WAN WAN W	45 M M7 . W M M M M M M M M M M M M M M M M M M
Σ.	SERVINE TO DESCRIPTION OF THE PROPERTY OF THE	LS DS BEAVER RIVER !	LS US BEAVER RIVER I	BEAVER RIVER MOHAWK POWER COR	BLACK RIVER ELECTRIC SERVICE	SEAVER RIVER	ALLS BEAVER RIVER AMDHAWK POWER COR	BEAVER RIVER ANDHAWK POWER COR	FORLERSVILLE MODGE BIVER AND WAY YORK STATE
φ Σ Σ Σ Σ	k .	BEAVER FALLS LEWTS BEAVER FALLS	BEAVER FALLS LEWIS BEAVER FALLS	BELTONI CEETONI NIADADA	DENLEY DIEWTS	EAGLE FALLS LENTS NIAGARA MOHANK	EPFIEV TO NIA STATE	ELMEN LEELS NIARARA	•
	X C C C C C C C C C C C C C C C C C C C	NYANCBOO755 NYOOWOO * * DRC II *	NYHNCB0078 * NY00726 * 6 DFC I * *	* # # # # # # # # # # # # # # # # # # #	# 94000000 # 04000000 # 1000000 # 1000000	24CNC00041 24C004N DAC U	** M 0000000000000000000000000000000000	X CBOOKO X X CBOOKO X X CBOOKO X X CBOOKO & X X X X CBOOKO & X X CBOOK	NY7NCB0084 NY00864 N DRC E

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19,29,39

* DH 0	* * * *	* * * * * *	****	****	*****	****	****	* * * * *	****
# COOT * FRA PART * A STATE * COOT *	****		1159	1079	1022	6.03	2113	1061	
* E W O W O C	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4							_	
*O GMUUS	107		1159	1079	1022	1039	2113	406	,
* 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1071		1159	1079	1022	1039	2034	1001	
** * * * *	***	* * * * * *	* * * * *	***		****	· · · · · · ·	 *****	****
* F & C C C	* * * *	00	O er	e tu	m o	0 N	• 6 0 ⊶ • 6 0	F 0	ပ ပ
* > OE	**************************************		35.60 9.929	4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4.79%	*** **********************************	5.55 5.53 5.53 5.53 5.53 5.53 5.53 5.53	86.7	
NERGY COS (1000 8)	101		N m	M &	จัก	V 4	ณฑ	e .	
*****	**	*****	* * * * *	****	****	****	****	* * * * *	***
* # # # # # # # # # # # # # # # # # # #	1444 1700 1700 1244 1447	9787 9782 9787	11821 11821	1111	910	960	67734 67734	3000 2756 5756	3 52 46 3 52 46 3 52 4 6
# 0 4 0 # 3 # 3 # 3 # 3 # 3 # 3 # 3 # 3 # 3 #	*	, A A	==	N d G	M - W	2 N N	6.0	PH RUM	3524
*XZO	*							* * * * *	
	* 0 0 0 * 0 10 10	4 4 6 6 0 0	0 M M M M Ø Ø	1100 403 1503	4400 741 5141	2477	099	N 1 N N	5000
## M M M M M M M M M M M M M M M M M M	* 117 12 12	4 4	9.0	4 6	3 7 2	U U	20010	0 HK	15000
# H U P # H U P # H U P	*								1
*****	 * * * * * * * :	*****	****	****	*****		****	****	****
* - « C	000	0 0 M 0 0 4	0 N O	0.00	0 0 0	000	0 0 0 0	000	0 8 8
# T T T T T T T T T T T T T T T T T T T	* 4	3 - Q	W W	0 W	40	N O	30°,0	2	115.
* * * * * * * * * * * * * * * * * * *	5 # *			ستند سر بود بود	- سيويو		. حدوووو		• • • • • • • •
8 CO CO	* * * * * * * * * * * * * * * * * * * *		590.03	% * * * * * * * * * * * * * * * * * * *		0		 0	# # # 0°0 1
****	* 0 * 0	340			096	N C	470	5	31(
* D F 4 C C C C C C C C C C C C C C C C C C	* 0 * I H	I G	IH	I 6	x c	I Ç	T ₩	I C	10
** * * * * * *	* * * * 1	*****	****	* * * * *	*****		*****	* * * * *	****
* DT A C C C	* 60 60	5 0 0 0 5 10 5	0 0 4 0 0 0 0 0 0	60 4 7 8 1	87.1	6.0 6.0 6.0 6.0 6.0 6.0 6.0 7.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8	36.1 9.4 368	4 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0,40
# # # # # # # # # # # # # # # # # # #	\$ 7 KD \$ \$ 77	en en en en	m m	wa. w ⊶	en en m en	w m w ←	PO LO	M IU	N M +
* 1	* * * * * * *	7 -	* * * * *	****	****	**** 4	****	****	4 4 4 5
# E	* A	m 54	OX tu	OZ .	ox bu	œ	OC LL:	œ	E 1
A SOUTH A STANSON OF THE CONTRACT OF THE CONTR	ARAGENSES SANTES	COR	RIVE	RIVE	RIVE	RIVER)) (4)	SERVICER	7 T C C C C C C C C C C C C C C C C C C
* L	# 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	BEAVER POWER (ດີ m × α >	BEAVER RI POWER COR
A CARACA A CARACA A CARACA A CARACA A COMPORTO C	* 32 FPI * 05 * 20	90 d	200 E	MUDU FOOR FERENCE	BLACK CORP	2000 C	20 00 10 10 10 10 10 10 10 10 10 10 10 10	BLACK IC SER	8 0 4 0 0 4 4 3 4
* 2 X X * 4 W * + 2 Z * 0 F 3 * W D	* G			PACIFIC	PACTFIC	S PACIFIC		DEN BL Electric	3 + X +
* 0 0 * 0 0	MAMMANANANANANANANANANANANANANANANANANA	HIGH FALLS Lewis Niagara mohawk	E DAM	PAC	a PA∩	M	RIVER	DEN ELEC	GOFT MAPLE LEETS NIAGARA MOHAWK
* * *	HARRISVILLE LEWIS HARRISVILLE HARRISVILLE	HIGH FALL LEWIS NIAGARA M	LYONSDALE LENTS BURROWS PA		0 4	□ ∢		PORT LEYDE LEWTS CATALDO EL	MAPLE RA MD
* * *	E C E C E C E C E C E C E C E C E C E C	1 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 3 6	MILL B LEWIS Georgia	MILL NO LEWIS Genrgia	MILL NO LEWIS GEORGIA	五 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	ORT SW18	2 1 2 2 3 3 4 4 4 3 4
* * * * * * * *		· = = = = = = = = = = = = = = = = = = =	* * * * * - 7 7 8	0LZ ****	* * * * * *	235	E	555	0 12 4 4 4 4 4 4 4 4 4
				nı ⊢		10 H		0 H	# H #
######################################	SNCBOOY NYCONBO	/JNCB0077 NY00693 DFC 1	800 700 700 700	GNCBOOS NYOOS62 DRC	80 0 K	GNCBOOS NYOOS61 DRC	4NCB007 NYU0333 DRC	6NC8008 NY00860 DRC	JNCB004 NY00721 DFC
######################################	NYGNCBOOTA NYCOSSE 2 DRC I	NYJNCBOO77 NYOO693 6 DFC I	NYMNCBOO69 NYUO278 2 DRC I	NYGNCBOOS NYOOSEZ Z DRC	NYGNCB0079 NY00859	NYGNCBOOBI NYGOOBGI 2 DRC I	NY4NCBOO73 NYUO333 2 DRC I	NYGNCBOOBO NYOOBSO P DRC I	NYGNCB0040 NYG0721 6 DFC 1
******** *****************************		> 2 c	2 0	<u> </u>	Ž ()	>	>	> 2 a	A NYCHOOGAS A GOFT MAPLE * NYCHOOTAL & LEWIS * OF OF L * NIAGARA MOHAWK POWER CORP * A NYAGARA WARAWARA A A A A A A A A A A A A A A

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19,29,39

	4 4 4 4 5 4 4 4 4 4 5 5 4 4 5 6 6 6 6 6	37 1137 1137	233 1233 1233	249 1249 1249	34 1034 1034	086 1086 1086		01 2098 2101	2000
****	**************************************	****	****	* * * * *	****	. * * * *	****	****	* * *
D 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	* * * * * * * * * * * * * * * * * * *	312.1	42.115 29.287	483.6	84.00 W W W W W W W W W W W W W W W W W W	114,8		368 888 888 888	33787
200	M	* * * * * * * * * * * * * * * * * * *	61 44 44 6-44 6-44 6-44 6-44 6-44 7-44 7-44 7-		160000 M 49780 M 4978 M	51000 x 13178 x 64178 x x	179176 # 0 # 179176 # # 4 179176 # #	4 N 64 M 60 0 00 0 0 N N	
HOP	E T T T T T T T T T T T T T T T T T T T	* * * * * * O 90 90 90 90 00 70	# # # # # C 40 40 C 40 40	ARREE OMM OSQ OLOU	# # # # # # # # # # # # # # # # # # #		* * * * * OO IN OU CO OU	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	406131
A M T T T T T T T T T T T T T T T T T T		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * 000 • in • 000 m nu	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 4 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 + + + + 0 + 0 0 + 0 0 + 0 0 + 0	* * * * * * * O III *	# # # # # # # # # # # # # # # # # # #	110°0 20000 10°0 10°0
F M		1800°0**	1 1520 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TX SMH SML SML SML SML SML SML SML SML SML SML	NH 0.0 0.0 0.0 0.0 0.0	E730.08	10 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	T C C C C C C C C C C C C C C C C C C C	# # C - C C C C C C C C C C C C C C C C
DOMESH COLOR	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 44 44 44 44 44 44 44 44 44 44 44 44	47 40 40 60 10 10 10	43 9 8 4 7 7 3 6 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	44 44 45 60 60 60 60 60 60 60 60 60 60 60 60 60	8 9 8 9 8 9 9 8 9 9 9 9 9 9 9 9 9 9 9 9	43 10 8 47 37 37 7 2460	43 1 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 49 80 100 460
****		* * * * * * * * * * * * * * * * * * *		BARGE CANAL DA Genegher alvera A	SENEGER RIVERS A SENEGER RIVERS A SENEGER RIVERS CODE A SENEGER RIVERS A S	12 12 12 12 13 14 14 14 14 14 14 14 14 14 14 14 14 14	GENEGER RIVERS + ELEC COR	MANAH CANADA CAN	RIVER DEVELOPMA NIAGARA RIVERA
	TANAMA	MOUNT MORFIS LICHNESTON DAEN NOB	STATION 160 LIVINGSTON ROCHESTER GAS	NEW YORK STATE MONDOE NEW YORK STATE	STATION 12 MONROE ROCHESTER	STATION PRINCE HOUSE GAS	STATION FS MONPOE ROCHESTER GAS	BEARDSLEE FALLO Hontgomery Niagara mohawk	LOWER NIAGARA Niagara
		NYCNCB0000 # NYCNCB0000 # NY00761 # N	NYGNCBOOBY * NYGNCBOOBY * NYOOGB6 * 2 DRC I *	NYANCBOOGO # NYANCBOOGO # NYOOAB I # # DRC I # #	XYHXCB00920 X X X 40068W X X 40068W X X 40068W X X X 40068W X X X X X X X X X X X X X X X X X X X			AYHNANONANHYN NYOONAN DAC DAC	NYANCBOOGO ** NYUORO O ** NYUORO I **

DATE 13 JUL 81 NATIONAL MYDROELECTRIC POWER STUDY TIME 19,29,39

A CHARA A CARACA A CARACA A CACACA A CACACACA A CACACA A CACACACA A CACACACA A CACACA A CACAC
A T A A A A A A A A A A A A A A A A A A
MT & WEICH CO ► SKU
EAST BRANCH F# 458
BLACK RIVER # # 4
MA 4 TONATA PARA TARA
SENECA RIVER + 16 POWER COR + 16
W NEVERSINK AIV * 41
NO NAME 766 * 41 33.50 ORANGE WALLKILL RIVER 74 11.67 RUSSEL LEWIS SUG

NE CANAL SERVICE AND THE CANAL SERVICE AND T		en En	9101	2	15 C C	1156
	un	1131	1016	1113	50 10 10	1156 1156
ALINCO ENERGY SENSOR SE	# # # # # # # # # # # # # # # # # # #	M 4	3 W W • 6 00 00 00 00 00	2 1 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	x t t t t t t t t t t t t t t t t t t t	411.13 # 19.227 #
				6 110 0 110 0 100 0 0 0 0		M 90000 # 1000000 # 100000000000000000000
777 777 777 704 704 704	10000 10000 10000 10000 10000	M M M 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 78 78 78 78 78 78 78 78 78 78 78 78 78	- W - W - W - W - W - W - W - W - W - W		
XX	00 00 00 00	000 000 000 000 000 000 000 000 000 000		040 04 04 04 04 04 04 04 04 04 04 04 04		0000
AVE O	# # # # # # # # # # # # # # # # # # #	10 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 ON TAG	* * * * * * * * * * * * * * * * * * *		12 CE
ZECOS	k .	### #################################	AL AL NU NO NU NO NU NO NO NO NU NU N	M O M	10 M 0 M 0 M 0 M 0 0 M 0 0 0 M 0 0 4 M	43 18.9 76.24.8
_	k 611675	0AK DRCHARD CAR BOWER COR A CAR OAK DRCHARD CAR BOWER COR A CAR	* * * * * * * * * * * * * * * * * * *	DOWNERS CONTRACTOR STATEMENT OF THE STAT		A SECO SIVES A
PRIMARY CO. ENAME OENER	A THO RESERVOIR DAM A DRANGE A DRANGE A DRANGE A DRANGE A DCKLAND UTILITIES	GLENWOOD ORLENWOOD NIARANA NIARANA ORLENWONT NIARANA NIARANA	BENNETT BRIDGE DSWEGO NIAGARA MOHAWK GRANBY OSWEGO NIAGARA MOHAWK	HIGH DAM OGWEGO NIAGARA MOHAWK P	NIAGARA ACHAYK NIAGARA ACHAYK OSHRGO NIAGARA MCHAYK	COMEGO FALLS COMEGO NIAGARA MOHAWK
ACTV DEP * PE CODE * PE	N		NYGNOON NYGNOO	X X X X X X X X X X X X X X X X X X X		NYGNCB0121 # C NYO0408 # C 2 DRC I # N

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19,29,40 PAGE 14 OF TABLE 1

	*****	8800 * 44190 * 48,410 * 1019 879 * 14721 * 3,2884 * 1019 9679 * 58911 * 3,2884 * 1019 *	1698 x 4491 x 438,322 x 13444 x 691 x 0 x 0 x 1698 x 44691 x 458,458 x 13444 x 691	4565 x 14552 x 32.639 x 1264 x 4565 x 1264 x 1264	4	4800 x 12000 x 331.62 x 1176 6059 x 14620 x 22.662 x 1176 10859 x 26620 x 22.682 x 1176	14000 # 740087 # 0 # 14000 # 4 # 0 # 140087 # 0 # 140087 # 140081 # # # # # # # # # # # # # # # # # # #	2250 # 9000 # 35.880 # 1009 708 # 16901 # 2.1229 # 1009 2958 # 25901 # 2.1229 # 1009	4 0.251 x 39.150 x 0 x 0
4 - (######################################	* NH	# 10 00 M 20	# 0.00 # # 4.000 # # 4.000 # # 4.000 # # 4.000 # # 4.000 # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	4 MG 0 4 4 0 0 0 7 4 4 4 4 4 4 4 4 4 4 4 4 4	1	# C C C C C C C C C C C C C C C C C C C	* 0*00 * 0 00 * *
* * * * * * * * * * * * * * * * * * *	AN A	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4	* * * * * * * * * * * * * * * * * * *	***** ***** **** **** **** ****	**** 0.00 0.00 0.00 0.00	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
# * * * * * * * * * * * * * * * * * * *	* O O Z	* VARTCK * OSWEGD OSWEGD RIVER * NIAGARA MOHAWK POWER COR	EAST SIONEY 078EGD OULCOUT CR	CROTON FALLS DAM PUTNAM CITY OF NEW YORK	HODSIC FALLS RENSSELAER HODSIC	JOHNSONVILLE REMASELAER HOUSIC NIAGRA MOHAWK CORP.	SCHAGHTICOKE RENSSELAER HODSIC	BAKERS FALLS SARATOGA HUDSON NIAGARA MOHAWK CORP.	CONKLINGVILLE DAM REJ WESTS :
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NYTHOROTTO NYOOWST	NYCONCHORNO IN NYCONC	NYCNABOOUL NYCONYW NY DRC I	A NYDNAND119	# NYDNANO126 # NYDNANO126 # NYOO705 # # 2 DRC # # # # # # # # # # # # # # # # # # #	* NYGNANOS:08 * * NYGO704 * * NYOO704 * * * * * * * * * * * * * * * * * * *	# NYGNANONN # # NYGNANONN # # # NYGONANON # # # # # # # # # # # # # # # # # #	4 X46NANON446 X46N	A NYANANOHUSO A A KAOOTUSO A A KAOOTUSO

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19,29,40 PAGE 15 OF TABLE 1

######################################		7 1207 *	7 1001 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	22. 1122 *	****	# # # # # © U U	* * * * * * * * * * * * * * * * * * *		* * * * * * 9 90 90 91 91 91 91 91 91
	199 199 1199	1207	1237	1122		1248	343	1096	1188
* * * * * * * * *	****	# *****	 *****	- ii * * * * *	****	****	. *****	****	* * * * ;
######################################	# # # # # # # # # # # # # # # # # # #	1097.4 25.676	973.52	1145.7	o o	1331 30.91 30.93	1079°5 32°781	9,5337	2561.5 * 1188 24.121 * 1188 1188
* Z C C C C C C C C C C C C C C C C C C		6470 6470 6470 6470 6470 6470 6470	28000 25806 35806 4 4 4 4	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M M 40 M M 40 M M 47 M M 47 M M 47 M M 48 M M M M M M M M M M M M M M M M M M M	20004 20004 20006 20006 30006	1061998 # # 1061998 # #
# # # # # # # # # # # # # # # # # # #		4700 14570 19270	120000 180000 180000	19070 19070 19070	18000	4 W 45 4 W 45 6 W 10 0 W 10	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 1 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
*****		4 4 000	- M	* * * * * 0 0 0 0 0 m m	* * * * *	# # # # #	17 ° 7 ° 7 ° 7 ° 7 ° 7 ° 7 ° 7 ° 7 ° 7 °		
* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	******	*****	## DD ##	* * * * * * * * * * * * * * * * * * *	T	* T * * * * * * * * * * * * * * * * * *	I 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
A A A A A A A A A A A A A A A A A A A		44 44 15 15 15 15 15 15 15 15 15 15 15 15 15	4 W W W W W W W W W W W W W W W W W W W	4 to 10 to 1	2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 % % % % % % % % % % % % % % % % % % %	4 3 16 0 7 3 35 9 8 12 9	4 W W W W W W W W W W W W W W W W W W W
* 2	ASSESSED OF CONTRACT OF CONTRA	CURTIS SARATOGA HUDSON * INTERNATIONAL PAPER CO. *	FEEDER DAN SARATOGA HUDGON ANYS DOT 4 NIAGARA MOHAKK ANA	* FORT EDWARD * SARATOGA * NUDSON * NUAGARA MOHAWK	GRAHAMSVILLE SARATOGA RONDOUT AQUED*	MECHANICVILLE SARATOGA HUDSON SARATOGA BDARD MILL CORP. *	MECHANICVILLE MARATOGA NY MIATENIAGARA MOHAEK	MERRAU AUDSON ANDARATOGA ANDIAMK CORP.	NO NAME 715 SARATOGA UPPER HUDSON * EARREN CURTIC AFG CO
24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TAKKARAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAK	NYGNANO179 # CNANONA9	* * * * * * * * * * * * * * * * * * *	NYANANO181 * FI NYOO702 * SI	NYGNANO140 * GI NYGOBO1 * S	NYGNANO1140 * X NYOOD15 * * 6 ORC D	NYGNANO183 # M NYGO712 # SE PRC D # N	246NANO198N # X N400404 W X X N DRC	A NYDNANO137 A N NYDO170 A DRC A E

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19.29.40 PABLE 1

00 4
O o the mark of the control of the c
FIGH CREEK # 74 M4.0 CORP. # 74 W4.0
BOLITH GLEN FALLS * 4 M 17.9 SARATOGA HUDSON * 73 39.0 NIAGARA MOHAWK POWER CORP. * 2007
SACANDAGA # 43 17.9 SACANDAGA # 73 UP.0
0.00 04 # N000UH # N1000UH # N1000UH # N100UH # N100UH
42 36.0 # HUDSON RIVER # 78 49.0 # 4 4760 #
FISH CRECK + 73 305.90 + POLER CORP. + 73 305.90 + POLER CORP. + POSO + POLER CORP. + POSO + POLER CORP. + POLER C
4 0.47 44 4 4 0.100000000000000000000000000000
* NYANANA190 * WATERFORD * AND 47.9 * * NYOOB16 * SARATOGA HUDSON RIVER * 73 41.9 * * ORC * 4620 *

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19,29,40

# XHAXZ	**************************************	1150	* * * * *	1020	1064 1064 1064 1064 1	****	1121 1121 **	9001	1124 1124 *
FASSACASACASACASACASACASACASACASACASACAS	######################################	0. NU	* * * * * © ©	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	60. 60. 60. 60. 60. 60. 60. 60. 60. 60.	****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 6 6 6 60 6 60 6 60 6 60 6 60 6 60 6 6	140° 7 1
**************************************	# # # # # # # # # # # # # # # # # # #	4 4 1017 4 4 76017 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * OOOOOM	######################################	* * * * * * * * * * * * * * * * * * *		6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * M * M * M * M * M * M * M * M * M *
	K COO CO	36.00 11.00	10000	0 + 6 0 + 4 0 + 4	1920 1920 177	4 4 4 4 0 0	14400 1816 16716	15000 1861 16861	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
		* * * * * * * * * * * * * * * * * * *	* * * * * *	* * * * * *	W 4 F	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		76.0 x 114400 x 75.0 x
度 位 で で で で で で で で で で で で で で で で で で	# # # # # # # # # # # # # # # # # # #	N	100 1777	* * * * * * * * * * * * * * * * * * *	790.	H # # # # # # # # # # # # # # # # # # #	TO 000	# # # # #	# T # # # # # # # # # # # # # # # # # #
	K K K K K K K K K K K K K K K K K K K	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	va.∙o eu≅u	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	****** 21/ 21/ 01/01~ 0.01~ 0.01~	1 44 26.0 1 VE* 74 44.8 * 877
* 4 -1	CONTRACTOR NOTABLE DIVERS	>-	GILBOA LOWER SCHOHARIE CRE H STATE OF NY	SENECA DIVER C + GAG CORT	มีชั้ +	VEL DAM MEST BRANCH POWER COR	RAGUETTE RIVE EK POWER COR	DSWEGATCHIES K POWER COR	CARRY FALLS DEVELOPMENT ST. LAWRENCE RADUETTE RIVE NIAGARA MOHAWK POWER COR
	*	A SCHENECHADY NYSDOT	BLENTHIN SCHOLANTE POWER AUT	A SOURCE TALLS OR STATE A STATE FURS A STATE BUTTER A STATE BUTTER A STATE BUTTER BUTT		* ALLEN FALLS DE * ST LAWRENCE * NIAGARA MOHAWK *	BLAKE FALLS ST LAWRENCE NIAGARA MOHAWK	* BRDENS FALLS * OT LAWRENCE * NIAGARA MOHAW	* NYCNCBO155 * CARRY FALLS DEVELOPMENT * NYOO756 * ST LAWRENCE RADUETTER * 2 DRC I * NIAGARA MOHAWK POWER COR
	NYHNANO191 NYOO171 2 DRC	SIN CO C X X X X X X X X X X X X X X X X X	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N	•	00000000000000000000000000000000000000	# # # # # # # # # # # # # # # # # # #	NY JNCB0186 NY JNCB0186 NY JNCB0186 NY NY N	* NYCNCBO155

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19,29,41 PAGE 18 OF TABLE 1

* FM 1 IO NO * * ACTV DEP * CODE CODE * STLE * STATUS *	•	3 E	X + * * * * * * * * * * * * * * * * * *	DNGITUDA AREA CO CO. CO CO. CO CO. CO CO.	* * * * *	2	# PER # # # # # # # # # # # # # # # # # # #	44 44 44 44 44 44 44 44 44 44 44 44 44	**************************************	C1000 S)		E E E E E E E E E E E E E E E E E E E
**************************************	**************************************	**************************************	* * * * * *	* M M → * * M O O · * M M M	*****	# # # # # # # # # # # # # # # # # # #	*		* * * * * * * * * * * * * * * * * * *	**************************************	10 10 10 10 10 10 10 10 10 10 10 10 10 1	·
NYHNCBOLZY NYOOOLS P DRC I	* DEXTER ELEC CORP DAM * ST LAWRENCE GRASS RIVER * DEXTER HYDRO ELEC CORP	RP DAM GRASS RIVER	* * * * * 4 L 4 L	0 H M	* * * * *	H 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1200 1200 1670	* * * * * * * * * * * * * * * * * * *	0 	* 1136 * 1136 *	1136
NYHNCB0144 NY00744 OFC 6	* EBST NOTFOLK * OH - AWRENCE * NIAGARA HOHAEK	RAQUETTE RIVE	7 7 7 K	47.7 39.2 1063	****	H TOP 1050*	0 0 0 0 M → 0 M →	0000 M	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	o o	****	
NYGNCBOING NYGOYON U DRC II	* SEC MEIR * OF LANGENCE * NIAGARA MOHANK	OSWEGATCHIE R POWER COR	* * * * * 4 V	23.0 20.0 20.0	****	200°00°	M 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	W + 1 P	11607 # 6129 # 17746 #	0. 9686 0. 1580	1138	1138
NYHNCBO172 * NYOO673 * Z DRC I *	* EMERYVILLE: * ST LAWRENCE OSWEGATCHIE * HAMPSHIRE PAPER CO INC	OSWEGATCHIE R CD INC	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	17.7 21.8 650	***	H DP 1000°0°	04 W	O OF OF NE SHIP M NO UP	00000000000000000000000000000000000000	17.702 3.6260	1028	1028
NYJNCBOISI NYOOTS P DRC I	* PIVE FALLS DEVELOPMENT SOT LAWRENCE RADUETT A NIAGARA MOHAEK POMER C	E AIVE	4 * * * *	50°57		10 00 01 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 80 00 00 00 00 00 00 00 00 00 00 00 00	N N N N N N N N N N N N N N N N N N N	94562 # 107492 # # # 107492 # # # # # # # # # # # # # # # # # # #	64 9 9 9 4 9 9 4 8 8 8 8 8 8 8 8 8 8 8 8 8	1042	1042
NYINCBO157 * NYOO763 * DRC I *	* FLAT ROCK * GT LAWRENCE * NIAGARA MOHAWK	* * U = U = U = U = U = U = U = U = U =	4 K	2 4 4 2 4 4 5 6 4 5 6	****	* * * * * * * * * * * * * * * * * * *	7 M M 0 M M 0 M O	4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	176 176 170 170 170 170 170 170 170 170 170 170	14 8 14 6 14 6 14 6 14 6 14 6 14 6 14 6	1442	1142
NYGNCBOILGS NYCHONNES NYCH	* FORT CACKSON * ST LAWRENCE		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 000 400 400	* * * * * *	# # # # # # # # # # # # # # # # # # #	0 9 8 0 0 0	23.37.46 23.74.66 3.74.66	72178	31.4 31.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0 5	10 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2043
NYGNCBO173 # NYGOO974 # NYOO974 # #	FOWLER ST LAWRENCE DOWEGATCHIE DEXTER ELECTRIC CORP	**************************************	4 to 4	18 2 25 6 660	****	* * * # # # # # # # # # # # # # # # # #	4 4 000	174	92110 92110 9310 93	18.60S	1089	069 1089 1089

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19.29.41

* * WE CONTROL THE A CONTROL TO A CONTRO	######################################	1049	1139	* * * *	****	1225 1225 1225 1225	20 12 12 12 12 12 12 12 12 12 12 12 12 12		33.664 * 1051 6. 266 * 1051
* 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 00 00 00 00 00 00 00 00 00 00 00 00 0	55. 1.5. 2.0. 3.0. 3.0. 3.0. 3.0. 3.0. 3.0. 3.0	****	00	2007 2009 2009 2444	3033.1 x x x x x x x x x x x x x x x x x x x	****	M M M M M M M M M M M M M M M M M M M
* F MM 3 3 3 4 4 5 MM () () () () () () () () ()	** * * * * * * * * * * * * * * * * * *	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 4 Q 20 Q 20 Q 20 Q 20 Q 20 Q 20 Q	10807 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M M M M M M M M M M M M M M M M M M M	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * 00000059	# # # # # # # # # # # # # # # # # # #
* * * * * * * * * * * * * * * * * * *		4 4 10 0 0 0 1 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 0 m	2 3 3 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 of of an an an an	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	912000	0000 0000 0000 0000 0000 0000 0000 0000 0000
* * * * * * * * * * * * * * * * * * *		4 60 -00 -00 -00 -00 -00 -00 -00 -00 -00 -	0 4 W 0	OH P	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00000 00000 00000 0000	**** OOO M W	800000 800000 8000000 8 4 4 4 4	
* 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0	**************************************	T	H OP 1600,004	1950.0	1800.09	11 8 600 600 600 600 600 600 600 600 600 6	1300 in	241000.0	1
* 4 Z G G G G G G G G G G G G G G G G G G	24	74 W 900 W 9	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 42.2 75 0.3 1036	44 W W W W W W W W W W W W W W W W W W	44 45 30.1 45 10.1 479	74 41897 74 4189	45 4.9 74 47.7 30000	4 4 4 00 ° 1 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* *	**************************************	RAGUETTE RIVER	DSWEGATCHIE RA	RABUETTE RIVE	RAGUETTE RIVE	GRAS RIVERS	IDS RAGUETTE RIVE,	SAUNDERS ARENCE ST.LAMBENCE RA	10x = 1
# C.	A SA	HANNAWA ST LAWRENCE NIAGARA MOHAWK	HEUVELTON DAM OT LAWRENCE NIAGARA MOHAWK	HEENTHVILLE OH LAWRENCE POHODAX DADER	HIGLEY ST LAWRENCE NIAGARA MOHAWK	JACKSON FALLS	MODSEHEAD RAPIOS ST LAWRENCE RAQUETTE	M	NYHNCBO176 * NATHRAL DAM NYOO877 * ST I AWRENCE GSWEGATCHI 2 ORG I * GROVEHON DADERS CO
# H M M M M M M M M M M M M M M M M M M	* * * * * * * * * * * * * * * * * * *	* NYCNCBO148 * NYCNCBO148 * NYCO748 * * * * * * * * * * * * * * * * * * *	NYGNCBOLSS NYGO411 2 DRC I	* NYGNCBOL42 * NYGNCBOL42 * NYGNCBOL42 * * NYGNCBOL42 * * * * * * * * * * * * * * * * * * *	* NYJNCBO141 * NYOOYO7 * * 6 DFC 6 *	A NYCNCBO161 # NYCOS16 # 4 2 ORC I # 4	A NYSNCBOLES & NYS	* NYINCBOLESO * NYOOS78 * 6 DFC I *	# 0200176 # 0200074 # 020 6

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19,29,41 PAGE 20 OF TABLE 1

A CONTINUE AND A SAME A	4 1070 A 1070 A 4 4 0 10 10 10 10 10 10 10 10 10 10 10 10 1	* * * * * *	2000 2006 2006 2006 3006 4 4 4 4	1044		1286 **			を ないのい かいのい かいのい なん ないのい かいのい かいのい かいのい かいのい
* LO OC T	**************************************	ce	ช ค พ ค พ ค พ ส พ ส	5.5 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	00	400 79 35 604	00	00	10.00 M 10.00
A CISE) A CLERK A CHARLE A CHA	# # # # # # # # # # # # # # # # # # #			00 M 00 M 00 M 00 M 00 M 00 M	* * * * * * * * * * * * * * * * * * *	* * * * *	* * * * * * * * * * * * * * * * * * *	10001 0010001 0070001 * * * * *	* * * * * * * * * * * * * * * * * * *
######################################	**************************************	**************************************	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		44444 4444	* * * * * 0 0 0 0 0 0	4 4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	を
4 4 4 (LL L)	# # # # # # # # # # # O O = # O O = # # # # # # # # # #	*****	4 N	M 4 O Wi O MO O MO O MO O MO	M + 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 00 00 00 00 00 00 00 00 00 00 00 00 0	* * * * * * II M M • NI • T' NI M H T	M = M = M = M = M = M = M = M = M = M =	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
# A A A A A A A A A A A A A A A A A A A	44444444444444444444444444444444444444	7.0 6.4 9.0 4.4 4.4 4.4	N N N N N N N N N N N N N N N N N N N	1000 IOIO IOIO I	1000 TO 1000 T	CH	* * * * * * * ON NO	T	100 I W W W W W W W W W W W W W W W W W W
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	74 12 30 3 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	44 41.6 74 38.7 280	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	444 00.04 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 34 64 44 44 44 44 44 44 44 44 44 44 44 44	74 14 74 74 74 74 74 74 74 74 74 74 74 74 74	75 18 5 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
K	SERVICE TO	NEWTON FALLS+UPPER ST LAWRENCE OGWEGATCHIE RA NEWTON FALLS PAPER CO	NICHOLVILLE ST LAWRINGE R. 82. ST. 258.	NORFOLK ST.LAWRENCE RADUETTE RIVE* NIAGARA MOHAWK POWER COR	NORWOOD * ST.AWRENCE RADUETTE RIVE* NIAGARA MOHAWK POWER COR	DOWEGATCHIE DAM ST LAMRENCE DOWEGATCHIE RA CITY OF DODENSBURG	PARTOHVILLE DEVELOPMENT * SOT LAWRENCE & BR OT REGION NIAGARA MCHANK POWER COR	PTERCEFIELD ** OT LAWRENCE RADUETTE RIVE* NIAGARA MOHAWK POWER COR **	A DLANT NO 7 OF PASTRING OSSEGNATORIE & INTERNATIONAL TALC CO IN 8 A NO TO TALC CO IN 8
FM 2 10 NO 8 A A A A A A A A A A A A A A A A A A	* NYHNCBOLLSS * NYHNCBOLLSS * NYOO472 * *	NYUNCBOMWW * * NYUNCBOMWW * * NYOOKMO 9 * * * * * * * * * * * * * * * * * *	NYSNOBOLSH NYCOWRE S ORG S	* * * * * * * * * * * * * * * * * * *	# WAINCOONTY # WAINCOONT # WA	# # # # # # # # # # # # # # # # # # #			NYGNCBO175 # NYGORO175 # NYGORO16 # NYGORO16 # NYGORO16 # NYGORO16 # NYGORO175

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19,29,41 PAGE 21 OF TABLE 1

N N N N N N N N N N N N N N N N N N N	TH 1 ID NO # PRIMARY CO. "NAME OF STREAM ACTV DEP # DEP # DENER CODE CODE CODE # PILE # STATUS # STATUS #	****	2 2 2 2 2	****	N = N = N = N = N = N = N = N = N = N =	A K K K K K K K K K K K K K K K K K K K	TAN CAN CAN CAN CAN CAN CAN CAN CAN CAN C	10000 * * (1321) * (1000 * * (121) * (28 GT	POLICE MANY A CONCOLUCA CO
X X X X X X X X X X X X X X X X X X X	######################################	* * * * * * * * * * * * * * * * * * *	# 4 50 # 4 50 ± # 0 00 0 # • • • • • • • • • • • • • • • • • • •	* * * * *	######################################	# G G G G W W W W W W W W W W W W W W W	** COOO	**************************************	44444444444444444444444444444444444444	在 · · · · · · · · · · · · · · · · · · ·
RAINBON FALLS OT LAWRENCE NIAGARA MOMAKK	RAGUETTE RI Power cor	> M * * * * *	4 4 W 4 W 4 W 6 W 6 W 6	****	10 1690 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	80 0. 0. 64 3. 44 6 80 80	* * * * * * * * * * * * * * * * * * *	106100	00	****
RAYMONDVILLE ST LAWRENCE NIAGARA MOHAWK	RABUETTE RI Power cor	> * * * * *	4 50°1 1077	****	1000°0	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		# # # # #	6. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	1040 1040 1040 1040
SOUTH COLTON DE ST LAERENCE NIAGARA MOHAWK	DEVELOPMENT RADUETTE RIV K POWER COR	* * * * * *	44 W RU ~ UN Q. • • 4	# # # # # 10 Ni	11 01 01 01 01 01 01 01 01 01 01 01 01 0	4 + 60 MW 4 • F •			00	
SOUTH EDEADOS NI LAMBENCE DOS NIAGARA MOHANK PO STARK DEVELOPRENT STARK DEVELOPRENT NIAGARA MOHANK PO	OSWEGATCHIE POWER COR NY NATURALE PASURTER NV	*******	40 44 44 64 84 64 84 64	44444444	TO IO	2 0 1111 2 0 1110 7 0 10 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0		10 10 10 10 10 10 10 10 10 10 10 10 10 1	4 0 9 0 9 0 9 0 9 0	100 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SUBAR ISLAND OT LAKRENCE NIAGARA MDHAEK	RAGUETTE RIV Power cor	****	4 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	T.C. 0.00 c.c. 0	W % WIND ONLO	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M → 4 M → 4	155 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1100 1100 1100
UNIONVILLE ST LAWRENCE POTSDAM PAPER	RAQUETTE RIV	> # * * * * *	4 10 ± 0 0 0 0 0 0	* * * * * *	TO 050	14 00 0 0 0 0		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5 5 10 5 10 5 10 5 10 5 10 5 10 5 10 5	100 t
YALEVILLE ST LAWRENCE NIADARA MOHAKK	RAGUETTE RI POWER COR	. * * * . * * *	4 45 9 5 0 0 1040	* * *	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		44 . N48	1109

DATE 13 JUL 81 NATIONAL HYDROFLECTRIC POWER STUDY TIME 19,29,41 PAGE 22 OF TABLE 1

TOTAL MONTH TOTAL MARKARA WARE A STATE OF THE STATE OF TH	在在在在在在在在在在在在在在在在在	* * * * * *	*****	****	* * * * * * * * * * * * * * * * * * *	* * * * *	1214 1214 **	1151 1151 1151 1151 1	1294
ANUL COOLS TOO O O O O O O O O O O O O O O O O O	**************************************	20.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	00	M M M M M M M M M M M M M M M M M M M	M	00	2000 2000 2000 2000 2000 2000 2000	200 200 200 200 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MW 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
A TOOOO (CAST) A (COOKE)	* * * * * 1 **************************	16-W 00-01-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	60 to 0 to	8 4 8 4 8 0 37 37 M M M M	* * * * * * O C C C C C C C C C C C C C	4 4 4 4 4 0 00 00	10 10 10 10 10 10 10 10 10 10 10 10 10 1	* * * * * * * * * * * * * * * * * * *
	**************************************		4 4 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* # # # # # O T	11750 ***	* * * * * *	* * * * * 0 999 66 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# 0 4 M 0 4 M 0 4 M 0 4 M 0 4 M 0 4 M 0 4 M 0 4 M 0 4 M 0 4 M 0 4 M 0 4 M 0 4 M 0 4 M 0 M 0
X* 0108 HR	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	90°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°	6 W M M M M M M M M M M M M M M M M M M	6000 40000 47 4 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M G M G G G G G G G G G G G G G G G G G	0 M 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000 0000 0000 0000 0000 0000	在 C * SO M M * A * C * A * C * A * A * A * A * A * A
A TECHNO		1 00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 WOM * * * * * *	T	800 800 800 800 800 800 800 800 800 800	0.00 0.00 0.00 0.00 0.00 0.00	TH	8 00 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *
HANAMA HANAMA HANAMA HANAMA HANAMA		* * * * * * * * * * * * * * * * * * *	* 41 32 ° 2 * 74 46 ° 3 * 161	4 4 1 36 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	76 27 0 120 27 0 120 3	45 54 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 10 10 10 10 10 10 10 10 10 10 10 10 10
PROJECT NAME PRIMARY CONAME OF STREAM DENER	KEUKA HYDRO STEUBEN KEUKA LAKE NYS GAS ELECTRIC	BARRYVILLE SULLIVAN DELAWARE	MONGAUP FALLS SULITAN SULITAN ORANGE + ROCKLAND UTILIT	NARROWSBURG SULLIVAN DELAWARE	NEVERSINK RESERVOIR DAM BULLIVAN NEVERBINK CITY OF N Y	SWINGING BRIDGE RESERVIOR SULLIVAN MONGAUP ORANGE + ROCKLAND UTILS	BEERE LAKE DAM TOMPKING FALL CHEEK A CORNELL UNIVERSITY	ASHOKON DAM ULSTER ESOPUS CREEK A NEW YORK CITY	A NYCNANDING W CANTING ROOPUS CREEK WAYSONY W ULSTER RATE ROOPUS CREEK WAYSONY W ULSTER WAYSAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKA
* * * * * * * * * * * * * * * * * * *	NYHNCBO160 NYOOBB1	* * * * * * * * * * * * * * * * * * *	A NYHNAPOO29 A NYHNAPOO29 A NYHORUGA A NA DFC H A N	A NYGNAPOORY A NYGNAPORY A NYUORSSS A A NYUORSSS A A S A S A S A S A S A S A S A S A	A NYCNAPOOSIS & NYCNAPOOSIS & NY	A K ANDOODANAN WAXAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	NYPNCB0182 NY00M94 R DRC H #	NYANANO1455 # NYANANO1455 # NYOOO41 # N ORC # # 1	TACNANOLUGA A NYCNANOCUGA A NYCOUNG A A NYCOUNG A A A A A A A A A A A A A A A A A A A

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19.29.42 PAGE 23 OF TABLE 1

DATE 13 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 19.29,42 PAGE 24 OF TABLE 1

SCALE DEVELOPMENT SMALL A N D E N E N E C × AUDITIONAL (C) CAPACITY POTENTIAL HYDRUELECTRIC PHYSICAL

AND TORKON TO BLAND BILL ON

34

在我在我在我就就就就就是我们的我们就是我们的我们就是我们的我们就是我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我们的我		ANNAMANANANANANANANANANANANANANANANANAN	* * * * * * * * * * * * * * * * * * *	100.00	70° 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.00	F COLUMNS 2 AND 3) F COLUMNS 2 AND 3) F COGAWATT-HOUR)
***		****************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	****** ******* *******	TY (SUM OF
**	* * * * * * * * * * * * * * * * * * *	# 4 # # # # # # # # # # # # # # # # # #						1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水	* 32	M PONT A WAR WAR WAR WAR WAR WAR WAR WAR WAR W		0 *			x x x x x x x x x x x x x x x x x x x	######################################
* * * * * * * * * * * * * * * * * * * *	* 3 2 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *		X		-0-1 -0-1 -0-0	0	K THE REPORT OF THE PERSON THE PE
* CA ?	* * * * * * * * * * * * * * *	**************************************		* * * * * * * * * * * * * * * * * * *	K			## ### ###############################
*******	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在	** + + + + + + + + + + + + + + + + + +	* ** ** * * * * * * * * * * * * * * *		* O * O * O * O * O * O * O * O * O * O	x → O x → O x x x x x x x x x x x x x x x x	* 0.07 * 0.07 * 0.07 * 0.04 * 0.04	* U U U U U U U U U U U U U U U U U U U
esseesses Otential 1	# # Ou # # # # # # # # # # # # # # # # #	********* ****************************	* 00 * 0 * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 00 * 0 * 4 * 4 * 4 * 4 * 4 * 4 * 4		* 00 * 00 * 00 * * * * * * * * * * * * * * * * * * *	* U
***	* X * X * X	* X X X X X X X X X X X X X X X X X X X	# + # # # # # # # # # # # # # # # # # #	# 0 0 # 4 4 4 4 4 # 4 4 4 4 4 4 4 4 4 4 4 4 4	* **** * * * * * * * * * * * * * * * * * *	* *O * * * * * * * * * * * * * * * * *	* 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4	* 40
**	* * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* ****	* OM*	* ***** ****** * * * * * * * * * * * *	**************************************
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	* 4 0 4	# ***	* * * * * *	# # #	* * * * * * * * *	* MON * * * * * * * * * * * * * * * * * * *	
化新水杨烷基 化水杨烷基 医克格特氏 医克格特氏 医克格特氏 医克格特氏 医克格特氏 医克格特氏 医克格特氏 医克格特氏 医克格特氏 医克格特氏病 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性 医多种性	· · · · · · · · · · · · · · · · · · ·	**************************************	* * * * * * * * * * * * * * * * * * *	* *	*	# 0 # #	# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************
***	*****		* OM * OM * H * * * * * *	* *	* *0 * *1 *	* * * * * * * * * * * * * * * * * * *	* 00 * N *	* JEPZ * POUG * SOUC * PUC * HII
* * * * *	* * * * *	* * * *	**************************************	*	-	*	* 67	* * * * * * * * * * * * * * * * * * *
*	* * * * - 4 - 1 & - 4 - 1 &	0 3 T H 2 W * * * *	*	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	** COLUMN D # INCREMENTAL CAPACITY TOCIUMN W # POTENTIAL CAPACITY TOCIUMN W # POTENTIAL CAPACITY TOCIUMN W # POTENTIAL CAPACITY
* * * * * * * * * * * * * * * * * * *	P Z	****	* # # # # # # # # # # # # # # # # # # #	* 6 * 4 * 0 * 0 * 0	* * * * * * * * * * * * * * * * * * *	* CC * A * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * *

DEVELOPMENT ADOITIONAL 0⊻ ⊡ 3⊾ N N POTENTIAL CAPACITY FHYSICAL HYDROELECTRIC

ANHIORAGE OF CONTRACTOR

	· · · · · · · · · · · · · · · · · · ·	Ar tal tal our	# # # # # # # # # # # # # # # # # # #	* MMCG * MCG * * * * * * * * * * * * * * * * * * *	* N C C C C C C C -	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	**************************************
	**************************************	* 60 0 4	* 0.00 * 0.00 * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# 0.00 # # 0.00 # # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #
	· · · · · · · · · · · · · · · · · · ·	* F F G & S S S S S S S S S S S S S S S S S S	*	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	* OF EU * CHO OF * HO OF OF * HO OF * HO OF * HO OF OF * HO OF *	*
	**************************************	10141444 1014144 100044	* ** ** ** ** ** ** * * * * * * * * *	** ** ** ** ** ** ** ** ** ** ** ** **	* * * * * * *	***************************************	* 100-	* HUI * HUI
	* Z	* Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	* * *	* 0000 * 000 * 000 * 000	# + M.W.		M W W	A A A B C C C C C C C C C C C C C C C C
×	# W W W W W W W W W W W W W W W W W W W	# # # # # # # # # # # # # # # # # # #	* • • * • •	* * * * * * * * * * * * * * * * * * *	* * *	x 20 ° .	* * * * * * * * * * * * * * * * * * *	
	* (E * (B	K # * A I	200		k N2 1	* * * * * * * * * * * * * * * * * * *	0.00 t	OF CP
REMENT		2		******* ****** ****** ****** ******	20 UI 31	် ၁၀၁	~ ~ ~ ~ · · · · · · · · · · · · · · · ·	2 11: NF
N T	* 3 * 2 * U1	U C M C C C C C C C C C C C C C C C C C C	****		k mao		M	
Z 1		M		2 M 2 M 6 0 8 M 7 M 2 M	r 0 0 1 F ⇔37 1	00	F (P) 4	
1 1 1 1 1		IN CONT		* * * * * * * * * * * * * * * * * * *	t 80 M 38	* * * * * * * * * * * * * * * * * * *	00 1	COPMENT
4 4 4 4	k 1	H 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4.V 4.00	N 00 4		****** ******* ********	WER DEVE TIAL AT NTIAL
9 9 9 9 9 9 9		**************************************	000		* * * * * * * * * * * * * * * * * * *			HYDROPO L POTEN ED POTE
***************************************		M CONTRACTOR AND CONTRACTOR AND CONTRACTOR AND CONTRACTOR AND AND CONTRACTOR AND	. * * * * * *		10 M 00 1	* * * * * * * * * * * * * * * * * * *	CO + 20 + 4	ISTING DITIONA DEVELOP
***		EXISTA INSTA I CAPA	*****		***** Minin * *." * or or * t *		EL # 4.01 # 4.10 # 6.10 # 60.010 # # # # # # # #	n a n ~~~
	(**** (ZO 0) (4)	* * * * * * * * * * * * * * * * * * *		# * * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	
u ∢ C	u.w ⊢Z	# # # # # # # # # # # # # # # # # # #	6	0 4	0 * 0 *	0 #	,	

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.45 PAGE 117 OF TABLE 1

TANKE WOLLD THE STATE OF THE ST	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	°	č	° c	•	· ·	°	°	00007
	0	•	•	÷	•	•	•	•	:
CHERGY COGY	# # # # # # # # # # # # # # # # # # #	0 0	작 (Mi *** (P) (Mi *** 작 (C) (F) (T)	4790.6	N & & & & & & & & & & & & & & & & & & &	60 00 00 00 00 00 00 00 00 00 00 00 00 0	00.000.000.000.000.000.000.000.000.000	000 000 000 000 000 000 000	2094.27 71.8254
AMXIGHTERS OF AND COOK AND COO	**************************************	***** 00 00 00 00 00 00 00 00	4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	62111 62111 63111 63111 63111 63111 63111 63111 63111 63111 63111 63111 63111 63111 63111 63111 6311	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				# # 00000 00000 000000 0000000000000000
######################################	######################################	000 N N		000 000 000 000 000 000 000 000 000 00	0 m m 0 m m 0 0 0 0 0 0 0 0			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	W A A A A A A A A A A A A A A A A A A A
*****		SERRE	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 00 00 00 00 00 00 00 00 00 00 00 00 0	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 4 4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 m m m m m m m m m m m m m m m m m m m	# # # #
ຂ້ອ ຄ	44444444444444444444444444444444444444	TD 1000	ION 1094 A A A A A A A A A A A A A A A A A A A	TO T	HO100100100100100100100100100100100100100	HOHO SOON	TOI TOI TOI TOI TOI TOI TOI TOI TOI TOI	EEE 1130 1130 1130 1130 1130 1130 1130 1	TO 0000
## ## ## ## ## ## ## ## ## ## ## ## ##	# # # # # # # # # # # # # # # # # # #	88 81 10 9 9	98 98 98 98 98 98 98	81 84 84 84 84 84 84 84 84 84 84 84 84 84	36 17 9 81 24 0 200 5	36 17 81 28 128 148 148	36 17.9 81 17.9 17.9 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5	# # # # # 0 0 iii 4 0 0 iii 7 0 iii 8 0 0 iii	79 NO
X	######################################	LOWER LITTLE NILLS	3 H G G G G G G G G G G G G G G G G G G	* * * * * *	***************************************	* * * * * * * * * * * * * * * * * * *	# # NOR H FOOD	A A A A A A A A A A A A A A A A A A A	PEE DEE RIVER*
R M M	SAKAPAHAN SAKAPAHAN ALAMANCE GELLARG MTG CO	MILLERSVILLE ALEXANDER RHODES WHITNER	UDP ALLEGHANY	UDP ALLEGHANY	UDP ALLEGHANY	UDP ALLEGHANY	UDP ALLEGHANY	UDP ALLEGHANY 8	BLEWETT FALLS ANSIN CAROLINA POWER AND LIGHT
ACT	NCMMAEONALA NCOO7447 A	M CGOACOON NCCOAN NCCOA	NC4GRHOO11 ** NCUO149 ** S DRG I **	NC4DRHOO12 ** NCUO150 ** S DRC I **	NC40RH0013 ** NCU01S1 ** S DRC I **	NC4GRHOO14 NCUO152 * * S DRC I * *	NC4DRHB015 ** NCU0155 ** S DRC I **	NC4DRHOO16 NCUOING NA PRICO DRC NA PRICO NA PRIC	NCISACOCOS X NCOC494 X 2 DRC X

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,45 PAGE 15 OF TABLE 1

* HP	* 0	1000	1000	1000	2000	ċ	•		o
**************************************	* * * * * * * * * * * * * * * * * * *	ċ	ċ	6	6	•	ċ	ć	c
* 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* 0		•		•		•	•	
######################################	# # # # # # # # # # # # # # # # # # #	4 50 4 50 4 50 5 50 5 50 5 50 5 50 5 50	174°44 67°926 886	00 M 0 4 0 4 0 0 0 0 0 0 0 0	6066.2 26.460	41. 44. 44. 45. 45. 45. 45. 45. 45. 45. 45	00	00	5308.4 115.17
######################################		N N N 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # @ @ @ O @ O @ O IN IN	W W G G G G G G G G G G G G G G G G G G		* * * * 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	60 60 00 00	0.00
# • • • • • • • • • • • • • • • • • • •	7 WISO OF A	000	3.4 0.00	44 000	124973 124973	E 49 49	8 8 0000 8 8 0000	000	C M M
******		# # # # # 0 0 0 0 0 0 0 0 0 0 0 0	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * 00 00 m m	11 12 14 15 15 15 15 15 15 15 15 15 15 15 15 15	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		17885 6-0-10 8 11 10 10 10 10 10 10 10 10 10 10 10 10
* C C C C C C C C C C C C C C C C C C C		2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 00 00 00 00 4 * * * * * * * * * * * * * * * * * * *	0.0 0.0 1.0.0 4.0 4	# # # # 90 00 E
* U U V O O O O		34 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	34 50 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	88 34 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	80 80 80 80 80 80 80 80 80 80 80 80 80 8	80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 00 10 10 10 10 10 10 10 10 10 10 10 1
* E	ANSON ROCKY FIVER A CALLER A A CALLER A A CALLER A A CALLER A CALL	ECCK AND DAH NG 1 * 3 BLADEN CAPE FEAR RIVA 7 DAEN-BAW * *	LOCK AND DAM NO 2 * 3 BLADEN CAPE FEAR RIVA T DAEN-8AW * *	WILLIAM O HUSKE LOCK AND DAMA BLADEN CAPE FEAR RIVA TO DAEN SAW	NEWFOUND CREEK BUNCOMBE FRENCH BROAD * 17v4	NORTH FORK RESERVOIR ** SUNCOMBE NORTH FORK SE* CITY OF ASHEVILLE **	BRIDGEMATER-LAKE JAMES * 1 Burke Catamba River & Duke Power Company	HENRY RIVER HENRY FORK * 1 HENRY RIVER HILLS CO. *	* NCC634C0004 * MDRGANTON CATAWBA RIVER* 8 * 5 DRC
* * * * * * * * * * * * * * * * * * *		A NCA SOLO SOLO SOLO SOLO SOLO SOLO SOLO SOL	A NCASSANOO14 A	** NCASAWOO151 ** ** NCOO206 ** ** P DFC I **	* NC40RN0049 * NCH0078 * N	NCCORNOOSI * NCCORSSI * NCCORSSI * NCCORSSI *	NCOCOLAR NCO		A NCG SACOOO4 A NCCOOO S A NCCOOO S A NCCOO S

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.45 PAGE 119 OF TABLE 1

		****	D	**** B3220		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	OF O	- CC		ZOZ4 6
*	FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	* * * *	**************************************	****		# # # # # # # # # # # # # # # # # # #	· 教 · 教 · 法· 3 · 3 · 3 · 3 · 3	*	* * C O		- 0
* * * * * * * * * * * * * * * * * * *	7D-LAKE HICKORY 18A CATAWBA RIV POWER CD.	****	845 811 110 110 110 110 110	****	10 00 01 01 01 01	4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000000000000000000000000000000000	107484 # 107484 # 107484 # #	66		•
# # # # #	S EVERETT JORDAN LAKE Chatham haw River Jaen-saw	***	35 31. 79 4.	* * * * *	CRSC CRSC CP 6 16 4 4 4 0 0 0 0 0 4 4 4 4 4 4 4 4 4 4 4 4	11 6 11 6 11 6 11 6 11 6 11 6 11 6 11	16 60 11 16 10 10 10 10 10 10 10 10 10 10 10 10 10	44 040 044	723.46 15.603	0	1000
\$ T F	BYNJH Chatham Gtudied by Daer-Sam	****	25 46 20 1290	****	HCR IS 1890.04	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	144		4 60 10 6 10 6 10 6 10 6 10 6 10 6 10 6 1		0. 2000
> 10 0 0 0	BYNUM 5/ CHATHAM HAW RIVER ODELL J M MFG CO	****	26 6 5 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 M	C 45 40 C 40 C 40 C 40 C 40 C 40 C 40 C 40 C	* * * * * * * * * * * * * * * * * * *	0.4 bu .e.4 0.9	•	1000
* * * CHOCK	LOCKVILLE CHATHAM DEEP RIVER WOLF SUMMIT COAL CO	****	37 84 10 84 10 80 10 80	****	TH 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 6 8 COG		M7827W	1030.1	•	1000
E CO F C C C C C C C C C C C C C C C C C C C	MANDALE CIAHIAM CHUDIED BY DARK-BAN	****	8 51 8 113 0 113 0	* * * * *	1100011 010 011 0100011	14 00 00 00 00 00 00 00 00 00 00 00 00 00	O \$ 5 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * O M M	151.50	•	0008
E U O	MDDRES MILL Chatham Studied by Daen-Sam	****	N Q 21 - 1 2 - 0 M 2 - 0 M	N 400	T W T W W W W W W W W W W W W W W W W W	70 84 94 98	44 W W W W W W W W W W W W W W W W W W	* * * * * O 4 4 9 10 10 10 10 10 10 10 10 10 10 10 10 10	66.49 44.00 44.00 44.00	•	0008
4CA 4EB	APALACHIA LAKE CHEROKEE HIWASSEE R.	***	5 10.0	****	II OP 19410	150	78900	# # # 1 000 0 00 0 00 0 00 0 00 0 00 0	00	. 0	•

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.45 PAGE 120 OF TABLE 1

NOTE SENT SENT SENT SENT SENT SENT SENT SE	. 0	°	ċ	o	•		000		0
ROUNCE CONTRACTOR OF THE CONTRACTOR CONTRACT	# # # CO	•	•	• 0	*°°		° °	° °	0
本で のじ まままままま	****	*****	****	****	****	****	****	** * * *	***
ANUL - COST RNER - COST (1000 B) (8/AL)	在在在在在在在在 11.00mg Ch	00	60 60 60 60 60 60 60 60 60 60 60 60 60 6		o ö	4 % 4 % 4 % 5 %	~ N	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00
* ******		POM TOM TOM M M M M M M	68 68 74 68 69 69 69 69 69	4 4 4 4 00 0 0 0 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 000 000 000 4444		女を女を	4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
* * * * * * * * * * * * * * * * * * *		117000 111	* * * * * O M M O O O O O O O O O O O	000000000000000000000000000000000000000	* * * * *	22 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* # # # # #	# # # # # O M M M M M M M M	
* * * * * * * * * * * * * * * * * * *		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # O B B # #	1444 1080 1080 1080 1080 1080	N N M O T N SM S O M O	* * * * * * O O 60	MM - MM	* * * * * O O M NI	* * * * * * * * * * * * * * * * * * *
****									75
* 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0		I D C C C C C C C C C C C C C C C C C C	# # 0 0 0 0 I	TO 00 00 00 00 00 00 00 00 00 00 00 00 00	TO 90	III 80 640 4 # # # #	112000	# # # # # # 990 E	T C C C C C C C C C C C C C C C C C C C
**		2291	930.0	# # # 6 0 0 # # 6 0 0 # # # # # 6 0 0 # # # 6 0 0 # # # #	999	80 04 04	112.0	133.6 133.6 134.0 134.0 136.0	MIN
# # # # # # # # # # # # # # # # # # #		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.000 T # # # 500 0.000	0.00 0.00 0.00 0.00 0.00 0.00 0.00	3.9 # H 5.6 # OP 292 # 6660	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6.5 # 6 70 # 112.0	WWW S A A A A A A A A A A A A A A A A A	T * * * * * * * * * * * * * * * * * * *
# #	THEIL RIVERS BA CON B TO CONTROL OF THE CONTROL OF	TIMASSEE R. # 84 10.6 * OP PER P. PER	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	# 35 M # 4 THENTH # 292 M # 100 M M # 100 M M # 100 M M # 100 M M M M M M M M M M M M M M M M M M	M M M M M M M M M M M M M M M M M M M	DAM * WW 16.5 * 8 BUFFALD CREEK* 81 27.1 * OP * 112.0	PIRGI GHOALS OAR WS RUNG 6 4 T FIRGI GROAD AR B1 MM.1 A OP + POWER CO 4 1094 A 266.0	在
AKARAKARAKARAKAKAKAKAKAKAKAKAKAKAKAKAKA	SOLD BRANCH AND STREET A US OF A T CHEROKEE NOTTELY RIVERA 64 6.7 F 18 TVA	10	A WS 4.97 A I I I I I I I I I I I I I I I I I I	E	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	RUFFALG CREEK DAM * 33 16.5 * S CLEVELAND BUFFALD CREEK* 81 27.1 * OP USDA SCS * 70 * 112.0	SON SHOALS OAR WERNGE AT TRACT BROAD AR GET WAS A DONER OO A 1804 A COSSO	有电影的有影响的 有 在

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TINE 01.18.45 PAGE 121 OF TABLE 1

ACTV DEP CODE CODE STATUS	*****	E C C C C C C C C C C C C C C C C C C C	x		CONGITUDE CONSTRAIN CONSTRAIN CONSTRAIN CONSTRAIN CONSTRAIN	****		A	1111 1011 1011 1011 1011 1011 1011 101	A	100 CT		* FRC DONONIC * * ERC NONECONDIC* * (SEC COMPOSITE* * (SECUENCE RANK) * * (SECUENCE RANK) *
XC168ACO481 XC000868 XC000868	A HIGH ROCK A LACK A LA	A4444444444444444444444444444444444444	* * * * * * * * * * * * * * * * * * *	# 141.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * .	######################################	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 10 10	4 000000000000000000000000000000000000	在在在在在在在在在 10000000000000000000000000000	***	**************************************
NC68ACOO24 NCUO012 S SCP I	* * * * * * * * * * * * * * * * * * *	SOUTH YADKI	Z H * * * *	10 O M 60	## ### ### ###	***	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	77	表 表 表 表 表 表	2 00 10 10 10 10 10 10 10 10 10 10 10 10	• •	•
NC68ACOORU NCUOOOS SICP	X 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	VADKIN R	5. E. E. E.	M ep	4 1 W 4 4 W 4 4 W W W W W W W W W W W W	***	24 40 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 0 0 W W	100 00 00 00 00 00 00 00 00 00 00 00 00	4.0 4.0 6.0 6.0		•
NG68ACOO22 NGUOO08 S SCP	* * * * * O * * * * O * * * O * * *	YADKIN RI	* * * * * W N H C	90	0.00 0.00 0.00 0.00	IH:	80 90 91 91 91 91 91 91 91 91 91 91 91 91 91	60 00 00 00 00 00 00 00 00 00 00 00 00 0	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		85 M 60 M		
NCOSAWOONS NCOLORY P ORC I	* LAKE MICHIE DA * DURHAM * CITY OF DURHAM	DAK FLAT RIVER+ HAM		4 10	6.0 0.0 16.0	IO	100 V W T C C C C C C C C C C C C C C C C C C	20 W W W W W W W W W W W W W W W W W W W	0 6 6		M &		1000
NCGSACO027 NCO0791 S DRC	* * * * * * * * * * * * * * * * * * *	YADKIN RI COMPANY	CC CC CC CC	N 60	12 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	x 6	S T T T T T T T T T T T T T T T T T T T	10 00 00 00 00 00 00 00 00 00 00 00 00 0	해 () 해 () 해 () 해 ()	WO M M M O O	o c		•
NCMWACOOMI NCOINIO	* CAROLINIAN F * GASTON * MCNEIL INDUS	IAN HIGHSCOALS DAN South Fork Industries	* * * * * * * * * * * * * * * * * * *	N 80	20.00 10.00 10.00	X 0	EO 640		4 4 000 0 4 4 0 4 4		M M M M M M M M M M M M M M M M M M M	•	0001
NCM8AC0030 NC01209 S DRC	* DALLAS * GAGTON * HARDING MANU	SOUTH FORK Manufacturing Co	× * * * *	10 m	### #################################	ω <u>σ</u>	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	() () () () () () () () () () () () () () () () () (WW	80 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 9	•	
* NCM SACOOR9 * * NCO 11076 * *		MCADENVILLE DAM GASTON SOUTH FORK PHARR YARNS INC	× * * *	EU =0	15.7 4.6 53.8	ω <u>ς</u>	* * * *	20 00 00 00 00 00 00 00 00 00 00 00 00 0	2		360 39 39 39 30	•	.0

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.46 PAGE 122 OF TABLE 1

FM 2 ID NO * PROJECT NAME FM 1 ID NO * PRIMARY.CO. *NAME OF STREA ACTV DEP * CODE CODE *	****	* * * *	T CARTER O STORY CHES A STORY	*PER BTOR	* * *	d •	*INC. ENERGY * ENGROUND * ERC CONTROL * ERC	N * *	ERGY COST	* ERC * ERC * CSEQUE	ERC NONECONOMI ERC NONECONOMI ERC COMPOSI
2 8 * *	M M D	**	CFS	(AC FT)	* *	X X X X X X X X X X X X X X X X X X X	CHEE	* *	ベエヌエンの)	* (SEGU	SEQUENCE RANK)
* (F)	* ~ .	K K K		K . K	E E E	# 00000 # 00000	1000 L	* * * * ' * * * '	* * * * * * * * * * * * * * * * * * *	* * * * *	***************************************
>	1860	P, #	2700.0*	1011	¥ *	* 00009	12977	k k	> ,	* *	•
: :-#ac +		# 1	•		e 1	* 1		* 4		* +	
# #	40	r #	# *	12.6	K &	640	5091	r *	c	• • • •	
FORK CA# 81	55.7	* *	0.707	3000	* 4	4	90	* *	0	* 1	c
k -k	1	. #	-	u:	t #x -	. # ·	5	: #: ·		x -4x	•
L)	6.8	* *	* * 1	230.0	* *	110000 *	678900	* *	6	•	
LITTLE TENNING 83 56	6.1	*			*	* 0		*	C		•0
* *	9	* *	##P-957/4#	-	* *	* 000011	0048/0	* *		* *	o.
		*	. #		. 4		ــــــــــــــــــــــــــــــــــــــ	t 4 8		c ex	
W * (1)	0.0	*	* ·	480	*	* 000522	1229300	*	c	• 0	
7 7	,	* *	-3682.7*	30%00	* *	225000 *	1229300	* *	5	* *	•
ar d		# 1	च्या 1		# 1			* 1		* 1	
52 22	•	# #	ı	200.0	× *	45000	219800	* *	c	0	
50 W W	٠, N	#	1	× 271320	*	*	: : :	*	C		•
* *	•	* *	# # # N # N # N # N # N # N # N # N # N		* *	* *) 1 7 6 0 7 8 0 0 1 7 8 0	# # O		女 张	•
		#	**		#	4	4	*	:	*	
N ON A COUNTY OF THE PARTY OF T	- 4 - 4	# #	* °	100000000000000000000000000000000000000	* *	* 025.L.	2005CS	* *	c c	o	c
4	0	*	8340.0×		*	177920 #	35985	- * - *	,	: a x	ö
-		* *		ėt ėt	* *	* *		* *		* *	
# W6	29.0	#	* *	20	•	100080		*	0	° •	
	~	*		Ñ	*	# ·		* *	0	*	6
* *	00	* *	***	Pel	p 42	000001	-	* *		* •	•
1		#	. 🖚		* *	-	. بد	*		: +x	
Ω	o- 0	* *	D Q	0.00	* *	* *	769	* *	786.56	• • • •	•
1 M 2 * *	• (e *	3196.0		z 4z	200 200 200 200 200 200 200 200 200 200	1769	2 # 2 #	0 n *	k k	1000
· .	•	*		•	*	•		: #		* *	
	<u>*</u>	¥	2	€ 1	4 8 4	# # C	* ^	# # C	8000	€ 4× 4	
1 00	2	•	Ė) B b T	e			, >	1001	• •	•
+	* • •	* *	# W	145000	水	26986	A 68849	≉ Cr	72.599	-	•

DATE 15 FEB 81. NATIONAL HYDROELECTRIC POWER STUDY TIME OL.18.46 PAGE 123 OF TABLE 1

A COMON A PART A	2000	•	•	.*0	•	1000	•	1000	
**************************************	# # # O # # # O # # # O # # # # O # # # # O # # # # O # # # # # O # # # # # O # # # # # O # # # # # # O # # # # # # O # # # # # # O # # # # # # O # # # # # # O # # # # # # O # # # # # # O # # # # # # O # # # # # # O # # # # # # O # # # # # # O # # # # # # # O # # # # # # # # O #	ċ	•	•	*0	ċ	•0	•0	•
ANUL COMINERS OF STREET COMINERS	26 M1 - 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CO	2169. 23.757.	00	# # # # # .	50 00 00 00 00 00 00 00 00 00 00 00 00 0	00° W 40° 00° 00° 00° 00° 00° 00° 00° 00° 00°	****; co
MEXIDA SENDESANUL. COMPLETE AND CONDUCTO A SENDENCE AND CONDUCTO A SENDENCE AND CONDUCTON A SENDENCE AND CONDUCTON A CARL A CARL A CARDUNOCE RANK)	* * * * * * * * * * * * * * * * * * *		467000 44 467000 44	44 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	60 60 60 60 60 60 60 60 60 60 60 60 60 6		N 10 V-V W 10 W 10 W 10 W 10 W 10 W 10 W 10 W 10	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
MMP-	*************************************		100000	0 0 0 0 0 0 0 0 0 0 0		0000	C 80 80 60 60 60 60 60 60 60 60 60 60 60 60 60	2000 2000 2000 2000 2000 2000 2000 200	000000000000000000000000000000000000000
TOTOL C		4 * * * * * * * * * * * * * * * * * * *	M M M M M M M M M M M M M M M M M M M	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	H = 10 M = 00 M = 00	000°	00000000000000000000000000000000000000	M 446 646 000 646 000 648 848 848	2150 34711 1900
AVE B	# # # # # # # # # # # # # # # # # # #	T 80 0 0 0	TO GO	E # # # # # # # # # # # # # # # # # # #	C D.	* * * # # # # # # # # # # # # # # # # #	# # # # # 99 10	### # # # # # # # # # # # # # # # # #	TO D
LATITUDE LONGITUDE DR.ARRA (D M.M) (D M.M) (SD M.M)	76 16.9 W700	N 60 W W W W W W W W W W W W W W W W W W	M 80 M 14 M 1	88 15 15 15 15 15 15 15 15 15 15 15 15 15	M CO	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 1 1 3 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	N W W W W W W W W W W W W W W W W W W W	20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
X 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A OMILEY TALLS TARNETT CADE TERA JUNE A VITE EVALUATED BY TERO AND CANA	A JONATHANS CREEK ** HAYMOOD PIGEON RIVER ** TVA	* HATERVILLE LAKE ** HAYWOOD PIGEON RIVER * CAROLINA LIGHT + POWER **	SALIDA HENDERBON GREEN RIVER A	TUKEDO DAM (LAKE SUMMIT) & HENDERSON GREEN BIVER & DUKE POWER COMPANY	MT. PLEASANT HOKE-MODRE LITTLE * WILLIAM DALTON FLOWERS JR. *	WOLF CK LAKE WOLF CK. ** HYDE WONTHALA POWER + LIGHT **	LOOKOUT SHOALS IRECELL CATAMBA ** OUKE POWER CO. **	NCIORNDO77 * BEAR CK RESERVOIR NCO0336 * JACKSON TUCKASEGEE R * S DFC I * NANTAHALA POWER + LIGHT *
THE 2 ID NO # PROJECT NAME OF STRE ACT OF PROJECT NAME OF STRE ACT OF PROJECT OWNER OF STRE CODE CODE # PILE # STATUS # STATUS # STATUS #	NCESSA NC	NC60RN0068	NCIGRNOO71 ** NCOOWIG ** U DFC I *	NC40ACOOMU ** NCUOOO1 ** ORC ORC **	NCISACOOM4 ** NCOOM11 ** US DRC **	* * * * * * * * * * * * * * * * * * *	**************************************	NCISACOOST * NCOOSS94 * S DRC * S DRC * * * * * * * * * * * * * * * * * * *	NCIORNOO77 * NCOO336 * S

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,46 PAGE 124 OF TABLE 1

SEMO MOSES	# 0 # 0	•	•	0 0 0	1000	o		•	Ö
	* ° °	e e	ė	ė		ċ	ċ	ċ	
* W . C .	* * * * * *		。 * * * * *	****		****		* * * * *	
* F O O O C	* * * * * * * * * * * * * * * * * * *	00	00	1961. 97. 648.	82 47 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CC	7710 0140 0100	174.04 44.624	00
KUUU CCC KHUUKKK KHUUKKK KHUUKKK KHUUKKK KHUUKKK KUUK KUUK KUUKK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KUK KUUK KUUK KUUK KUUK KUUK KUUK KUUK KU KU	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *				44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	7 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
. 0333 . 0333 . 0400 . 0400		2 1600 2 1600	000 000 m m	O IM IM IM IM IM IM	O IN IN		N N N N O O O	14	
K E C C C C C C C C C C C C C C C C C C	**************************************	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 M 	200 W 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N	# # # # M O M	# 10 00 00 W		
	* * * * * * * * * * * * * * * * * * *	100 P	10 5 10 10 10 10 10 10 10 10 10 10 10 10 10	E. 80	TG 040	* * * * 0 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	10 6
**************************************	*~~	***	2 N N	* * * * *		000			
HHAEE !	* IV IV * * * * * * * * * * * * * * * * * * *	10°	27	NI	H 00	17.	26.46 300	244 0 2 4 0 2 4	2.00 2.00 3.00 3.00
K H B C C C C C C C C C C C C C C C C C C	* # # # # # # # # # # # # # # # # # # #	M M M M M M M M M M M M M M M M M M M	N N 14	N M M m m m	400	35 26. 80 37.	33 28. 81 16.	35 24. 81 14.	8 M M M M M M M M M M M M M M M M M M M
X	# H # KM KM # KM KM #	######################################	TUC# 35 14*	un m m co * * * * * *	IN OF M P.	IVER* * 80 ST * * 80 ST * * 80 ST * * 80 ST *	* * * * * * * * * * * * * * * * * * *	X A A W B W B W B W B W B W B W B W B W B W B	# # # # # # # # # # # # # # # # # # #
x	A CHICA A CANACA	* WN * 11 NE * WN 11 NE * WN TUC * BN 0. ONE * DINER + LIGHT * * W	MEST FORK TUC* 83 7. + LIGHT * 5	THITESTEE CONTRACTOR AND	# MS MI DEEP RIVER # 79 20 OWER AND LIGHT # 9	IVER* * 80 ST * * 80 ST * * 80 ST * * 80 ST *	SOUTH FORK CAR 81 16.	S * * * WS 24. * WS 24. * BOUTH FORK CA* 01 14. ED KNIT MILLS * 47.	# # # # # # # # # # # # # # # # # # #
A TOTAL STATE OF CONTRACTOR A A A A A A A A A A A A A A A A A A A	**************************************	THORPE LAKE LACKBON LEGY FORK TECK OW 40. NANTAHALA POWER + LIGHT * W	TUCKASEGEE LAKE * 35 14. JACKSON MEST FORK TUCA 8% 7. NANTAHALA POWER + LIGHT * 5	un m m co * * * * * *	DEEP RIVER # 19 20 A AND LIGHT # 9 90	AKM NORMAN * MU DG. CATAKGA RIVERS GO UST. *	* * * * * * * * * * * * * * * * * * *	* 35 24. SOUTH FORK CA* 81 14. D KNIT MILLS * 47.	**************************************

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.46 PAGE 125 OF TABLE 1

######################################	# # # # # # # # # # # # # # # # # # #	* * * * * *	0000N	****	000	0000			o c
* M	* * *	•	•	•	•	•	•	•	•
######################################	* * * * * * * * * * * * * * * * * * *			00	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	646 649 6611 6611 6844 6844 6844 6844 6844 6844	1105.7	1000 1000 1000 1000 1000 1000 1000 100	M 100 00 10
A CENTRAL CENT	* * * * * * * * * * * * * * * * * * *	O M M O M M O D M M	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	000000	0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	**************************************	11 III	* * * * * * * * * * * * * * * * * * *	* * * 9 9 6 9 6 9 6 9 6 9 6
HHH TAND T	*	6 4 4 4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6	P P P P P P P P P P P P P P P P P P P	00 00 00 00 00 00 00 00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		# # # # # 000 000	4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 + 4 + 4 +	167°0 1 12886 135°0 1 135°0 1	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 1 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	# # # # # # # # # # # # # # # # # # #	EH 80.00	13 18 18 18 19 19 19		24 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4	## ## ## ## ## ## ## ## ## ## ## ## ##	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * O * O * O * O * O * O * O * O * O
	*** * *		****	****		*****			
COOP A A H H H H H H H H H H H H H H H H H H	eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee	# # # # # # # # # # # # # # # # # # #	MW WW WW WW WW WW W W W W W W W W W W W	2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N 0- N 0- N 0- N 0- N N N N N N N N N N N N N N N N N N N	24 00 00 00 00 00 00 00 00 00 00 00 00 00	本 (10 cm) (1
T * * * * * * * * * * * * * * * * * * *	**************************************	10 to 10 to 40 €	FRENCH BROAD & BR SEG.	VOLR FRENCH BROAD & BUL 400. + LIGHT & AUG.	FRENCH BROAD & WAS A SING A SI	4 N 4 N 6 N	* 35 15. LITTLE RIVER * 79 54. CO HUNT CLUB * 24	IDGE	本
PRIMARY CO. TANKE OF GRANKEN A LANKEN OF GRANKEN A LONGITUD O SENER OF GRANKEN A CO. N. M.	######################################	# # * # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	NCH BROAD & BY 47.	880 A 88	* * * * * * * * * * * * * * * * * * *	A 35 15. LITTLE RIVER A 79 54. HUNT CLUB A 24	RIVER * 49 US.	本: (10 mm

CATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.46 PAGE 126 OF TABLE 1

PRIMARY CO. NAME OF STREAM OWNER	CO	* * * * *	* * * * *	CONGITUDE CO AREA CO M.M.)	****	MA A (XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	HANG. CAP. CAP. CAP. CAP.	AHINO BERDONA BERDON A CASE A	2 W ***** >>		* * * * * * * * * * * * * * * * * * *		THE CONFECTION IN THE STATE OF
HIGH ###	ANANAMANAMANAMANAMANAMANAMANAMANAMANAMA	* 0	# IST 00	* 0 M V * 0 M V * 0 M V * 0 M V * 0 M V V V V V V V V V V V V V V V V V V	****	* 6	# # # # 1 # # # # # # # # # # # # # # # # #		# 000 m	* * * * * * * * * * * * * * * * * * *	# M 47	* * * * * * * * * * * * * * * * * * * *	***	****
HOWARDS MOGRE Studied	MILL LAKE DEEP RIVE BY DAEN SAW	ω ω	W C-	им Ф4.0 • • W СФФ		0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M 411000 W 4110000 W 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	OMM MM MM	******	044	-0-4 -0-4 -0-6 -0-6 -0-6		ċ	8000
TAR RIVER NASH CITY OF RE	ER DAN TAR RIVER ROCKY MOUNT	0¢	W V V V V V V V V V V V V V V V V V V V	80 80 80 87 80 87 80 87		44 40 474 44 44 44 44 44 44 44 44 44 44 44 44	M M M M M M M M M M M M M M M M M M M	6136 6136	*****	* * * * *	44 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		•	000
LAKE HYCO Person Carolina	HYCO DAM HYCO RIVER INA POWER AND LIGHT	α ω - > T	9 P	M 0 M → 0 M → 0 M → 0 M → 0 M →	****	# # # # # # # # # # # # # # # # # # #	N	9 M M M M M M M M M M M M M M M M M M M	000 MRI	****	192,79	•	ċ	1000
FOSTER	2 2 3 6 9	8 H S R R	M W	1.4.5 1.0.0 1.0.0	****	##### 00 10 10 10 10 10 10 10 10 10	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 44 44 0 10 10 10 10 10 10 10 10 10 10 10 10 1	0.00 0.00 0.00 0.00	****	2174.6		: 6	•
TURNER POLK DUKE PO	R SHOALS DAM (LAKE AD) GREEN RIVER POWER COMPANY	E ADGE	10 AU 10 AU	110 111 124 126		A # # # #	00000000000000000000000000000000000000	8 M	# # # # # # # # # # # # # # # # # # #	****	00		•	•
DROWNING	16 CREEK DAM NO	3.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8	10 O M	8.0 	****	CHORD # 110 110 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00000000000000000000000000000000000000	1647	****	044	3354.8	• •	•	
GREATER B RICHMOND	R BLEWETT FALLS	۸ ۲ ۳	3 C * * * *	6 M 40 6 M 40 6 M 40 M 40 C	****	# # # # # # # # # # # # # # # # # # #	W 4000	150874	**** **** *** *** *** *** *** *	****	2152 4 4 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	• •	C	2000
* NC4SACOO46 * MORVEN * NCUOO11 * RICHMOND PEE DEE RIVE * ? DRC *	VD PEEDEE	RIVER	* * * * W ~ 40	2 M C 2 M C 2 M C 2 M C	***	* * * * * * * * * * * * * * * * * * *	24 24 24 24 20 24 20 25 24 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	12678	***	7750.7		•	900

ACATE OF STATE OF STA	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 4 0 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	COOR CORRESPONDE A CONTROL		0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	72762 + 208.11 + 0.	4 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4
A K K K K K K K K K K K K K K K K K K K	**************************************	M W W W C - C - C	000009	1000 4411 1111	O # # # # # # # # # # # # # # # # # # #	0 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1625 1625 1625	44	009K
****	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	01 03	1432669 * *		20 M 20 M 20 M 20 M	n n 14 - 15 14 - 16 16 - 16 - 16 16 - 16 - 16 - 16 16 - 16 -	W W W	11 10000 1000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 1000	120°0 # 77040 #
######################################	**************************************	* * * * * * * * * * * * * * * * * * *	CHRO FP WIW OF	T 0.	0 T T T T T T T T T T T T T T T T T T T	* * * * * * * * * * * * * * * * * * *	TO 0.00	# # # # # # # # # # # # # # # # # # #	2 a Z a Z C
* **	**************************************	***** 900 000 000 000 000 000 000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	26 26 26 26 26 26 26 26 26 26 26 26 26 2	20 00 00 00 00 00 00 00 00 00 00 00 00 0	20 CU	0.00 mm m	8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
A A A A A A A A A A A A A A A A A A A	A YOULD DIE SANAKANANANANANANANANANANANANANANANANANA	CR CR S	MAYD ROCKINGHAM MAYD RIVER STUDIED BY DAEN SAW	SPRAY ROCKINGHAM SMITH RIVER SPRAY WATER POSER AND LAND C	STONEVILLE MAYD RIVER A ROCKINGHAM MAYD RIVER A STUDIED BY DAERSOAK	COOLEEMEE DAM 78URLINGTON MI* ROWAN DAVIE COUNTY *	CLIFFSIDE ** RUTHERFORD SECOND BROAD ** CONE MILL CORP **	CLINCHFIELD DAM ** RUTHERFORD BROAD RIVER **	LAKE LURE RUTHER BROAD RIVER *
** * * * * * * * * * * * * * * * * * *	NCRSANDANA NCRSANDANA NCRSANA	NCCOANCO NCCOONT NCCOO	* NCUODO15 * * NCUODO1 * * * * * * * * * * * * * * * * * * *	* NCOGAHOO44 * NCOGAHOO47 * NCOGAHOO47 * * NCOGAHOO47 * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* NCGGACOOS1 * NCG	* NC6.0AC0040 * * NCU00040 * * NCU00040 * * * * * * * * * * *	* NCHSACOOSO * * NCOOLOO * * ACOOLOO *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME O1,18,47

### ##################################	A A A A A A A A A A A A A A A A A A A		4		CH	TOT CAB	TOT FAFORY		こうさつこうりょうこうとう シング・ロートラング こうしょう こうしょう こうしょう こうかい こうしょう コートラング アイト・ディー・アイト アイト・アイト アイト・アイト・アイト アイト・アイト・アイト アイト・アイト アイト・アイト・アイト・アイト・アイト・アイト・アイト・アイト・アイト・アイト・	
	THE STREET STREE			. (e. F.)	5-2-2	•	(NEH) # (1000 (NEH) # (NEH) # (NEH)	(1000 B)	* COMPUTATION SANK) * COMPUTATION SANK) * COMPUTATION SANK)	RANK) CE RANK)
**************************************		# # # # # # # # # # # # # # # # # # #	* * * * * 1 * * * * * 1	100 Sp. 24 C.	# # # # # # # # # # # # # # # # # # #	# O O O O O O O O O O O O O O O O O O O		A SA		
CONTROLL CONTROL CONTR	IN 28ADIN LAKES ** VADKIN RIVERS **	N 0 N 4 N 4 N 0 0 0		TO 90 94 94 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9	1420000 1420000 1430000 14344	4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	66%0°.	•	1000
****	POWER AND LIGHT *	80 80 80 80 80 80 80 80 80 80 80 80 80 8	****	### C # C # C # C # C # C # C # C # C #	1689 1689 1689 1689	8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		86		o o
: -	* * * * * *	35 29 2 80 10 6 4080	.01.00	10 00 00 00 00 00 00 00 00 00 00 00 00 0	80 10 10 10 10 10 10 10 10 10 10 10 10 10	2 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		00	0	
NCISACOOSS # VADKIN FALLS NCOOS48 # STANLY N DRC # YADKIN INC	LS DAM (FALLS DESENTE AADKIN RIVER #	35 23 80 4.9	****	10 60 80 80 80 80 80 80 80 80 80 80 80 80 80	200 200 000 000 000 000 000 000 000 000	2000 2000 2000 2000 2000		6 4 10		1000
NCGSAWOO79 * DANBURY NCUO093 * STOKES 2 DRA I * STUDIED BY	A DAN AIVER A P DAEN GOAL A P D D D D D D D D D D D D D D D D D D	00 M M M M M M M M M M M M M M M M M M	****	CHRO FF WINGO	207.0 \$66130 *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	00	•	2000
NC48AMOO78 * MALNUT COVE NCU0092 * STOKES 2 DRC S * STUDIED BY	A DAEN BOAN PHYER A 4 DAEN BOAN PHYER A 4 DAEN BOAN BOAN BOAN BOAN BOAN BOAN BOAN BOA	90 M 40	****	11. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24		111 00 044 044		N		5000
NC68ACOO62 # FISHER RIV NCUO171 # SURRY S DRC *	* CHUNCH	00 0 or or 0 or or	****	# # # # # # # # # # # # # # # # # # #	1240000 1240000 12400000	4 4 0 0 0 0 0 0	* * * * * *	4 00 00 00 00 00 00 00 00 00 00 00 00 00	°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°	•
NC68ACOO61 * MITCHELL P NCUO170 * SURRY S FCP *	MITCHELL PIVER REGERVOIR * SURRY MITCHELL RIVER	36 19 80 46	****	123.04 123.04	0.04 0.04	W W 4 4 0 0 6		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•	°0

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.47 PAGE 129 OF TABLE 1

ACTV DEP CODE CODE FILE STATUS	****		****	CR. M. CO. CO. CO. M. M. CO. CO. M. M. CO. CO. CO. CO. CO. CO. CO. CO. CO. CO			A	2				A CONTROLL OF A CONTROL OF A CO
NC6DRNOOST NCUOOSS 6 DRC I		* Ω:	***	* (1) m * (1) (1) * (1) (2) * (1) (2) * (1) (2) * (2) (3) * (2) (3) * (3) (4) * (4) (4) * (4) (4) * (5) (4) * (6) (4) * (7) (4) * (7) (4) * (8) (4) *	****	######################################	# 000 m.	44444444444444444444444444444444444444	**************************************	**************************************	*****	
NC60RN0086 NCU0079	# # # # # # # # # # # # # # # # # # #	LITTLE TENNES	****	8 W W W W W W W W W W W W W W W W W W W	***	T 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	141 140 000 000 000 000	0 M M		()) 전 어 ()) 어 () () () () () () () () () () () () () (*****	0002 8000
NCIDRNOOSS NCIORNOOSS NCOO790	* OCONALUFTEE LA * SWATN * NANTHALA POWER	KE OCONALUFTEE + LIGHT	M 60	ω w δ ω ω δ ω ω δ ω ω	***	TO 00 00 00 00 00 00 00 00 00 00 00 00 00		000		00	6 O	•
NCIORNOO89 NCOO340	CASCADE LAKE TRANSYLVANIA CASCADE POWER	LITTLE RIVER CO	****	- M - M - M - M - M - M - M - M - M - M	****	TO TO W L S S S S S			** * * * * * * * * * * * * * * * * * *	90	0 0	ő
NC78A800899 # NCU0067 # NC	HORSEPAGTURE TRANSKIVANIA	HORSEPASTURE	* * * * * * *	ຄ. ຄ. ⇔ ທ ຄ. ⊶ ທ	***	E E E E E	4 4 8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 N N H H H H H H H H H H H H H H H H H	0000 0000 0000 0000 0000 0000 0000 0000 0000	4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 7 6 7 7 8 8 8 8 8 8	ċ	6. 2000
NC68ACOO64 NCUCO13 NCT TOTAL	LOVES FORD	ROCKY RIVER	(F) (C) P) (G) 水水水水水	0.7.0 0.01 0.01 0.01	****	# # # # # O M M O T H	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* # # # # # # # # # # # # # # # # # # #		Ö	ő
NC68AC0063 * NCU0014 * DRC *	NANCHO POPO	ROCKY RIVER	# # # # # W CO	21.0 75.0	***	88888 60 60 60 F	00 00 00 00 00 00 00 00 00 00 00 00 00	O o o o o o o o o o o o o o o o o o o o	* * * * * * Om m % % K % O * * *	######################################		Š
NCCOBS NCCOOBS NCCOOSS N DAC N	TATLS LAKE NO.C.	NEUSE RIVER	8 8 8 8 8 8 8 8 8 8	85 M 94 F 6 C Q 6 A G	* * * * * *	E S E E E	00 0 00 0 00 0 00 0 00 0 00 0	8 6 6 8 6 9 60 9 60 9 60	52 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	406	. s	1000
NCMSAMOOSS * NCUOOS7 *	A NCHSAMOOSS & MILBURNIE LAKE DAM W NCUOOST & WAKE * 2 DFC E * HOWARD TWIGGS	DAM NEUSE RIVER	****	2 M E	* * * *	# # # # # # # # # # # # # # # # # # #	2 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		44 046 046 466 466	Ö	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

DATE 15 FEB 81 NATIONAL HYDROFLECTRIC POWER STUDY TIME 01,18,47

FOR 2 TO NO. DE PRIMARY OLD STREAM - LONGINDE - APE, 20 TO 10 TO 1		*		****	***				****	1
The color of the	NONAR CONTRACTOR	 		×_•	√_ •	000	000	000;		
FIGURE 1 10 NO PRIMER NAME NAME NAME NAME NAME NAME NAME NAME	REMOTE MO	r k r of	0		0	-	ru:	AL .	•	
FIGURE 1 10 NO PRIMER NAME NAME NAME NAME NAME NAME NAME NAME		* 0	•			ċ	¢	ċ	ć	c
THE ID NOT THE PRIMARY COLLANGE OF STREAM FLONGTIUDE FROLID PURP NOT THE ELISATION OF THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREA	# 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	# # # •		•	ċ	•			•	•
THE ID NOT THE PRIMARY COLLANGE OF STREAM FLONGTIUDE FROLID PURP NOT THE ELISATION OF THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREA	KU U	*****	****	****	****	****	****	****	****	****
THE ID NOT THE PRIMARY COLLANGE OF STREAM FLONGTIUDE FROLID PURP NOT THE ELISATION OF THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREA	8 E 8 E	dr "a-10")	7.7	· 5*%	6.4	→ (/)	5 4 6 8 8 8	69		40
THE ID NOT THE PRIMARY COLLANGE OF STREAM FLONGTIUDE FROLID PURP NOT THE ELISATION OF THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREA	70 80 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# 4 4 # 0 4 # 0 .	94.3	379	-4 -0	20 •	7 % 9 %	117	0 4	5 M
THE ID NOT THE PRIMARY COLLANGE OF STREAM FLONGTIUDE FROLID PURP NOT THE ELISATION OF THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREA	N N N	*								
THE ID NOT THE PRIMARY COLLANGE OF STREAM FLONGTIUDE FROLID PURP NOT THE ELISATION OF THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREA	**************************************	* NN * O O O	C NI NI	MJ MJ		Own	O NI NI	000	622	0.00
THE ID NOT THE PRIMARY COLLANGE OF STREAM FLONGTIUDE FROLID PURP NOT THE ELISATION OF THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREA	MARKET STATE	# 00 0 # 00 0	611	# # # #		W 20	127	727	44	66
THE ID NOT THE PRIMARY COLLANGE OF STREAM FLONGTIUDE FROLID PURP NOT THE ELISATION OF THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID PURP NOT THE STREAM FLONGTIUDE FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREAM FLONGTIUD FROLID STREAM FROLID STREA	XZO	r K								•
FM 2 ID NOTE OF THAN CONAME OF STREAM -LONGSTUDE - STATUS - STA	***		OMM		****	000	OU N	000	0	0
FM 2 ID NOTE OF THAN CONAME OF STREAM -LONGSTUDE - STATUS - STA	004000	* 1010	87	2 4	~ ~	44	1 W U	44	4 4	0 0 M M
FM 2 ID NOTE OF THAN CONAME OF STREAM -LONGSTUDE - STATUS - STA	F 555						** **			
FM 2 10 NO * PRIMARY CG _ NAME MITTOE	WHF	R K & K & K & A (****	* * * * *	****	****	****	****	****	****
FILE IID NO " PRIMARY CO. "NAME OF STREAM "LATITUDE FARILY PUPP." A PACE OF STATUS STA	1 - C - 1	000	001	• 47 •	004	m 0 0	0 10 10	004	000	000
FM 2 1D NO * PRIMARY CONAME OF STREAM * LATTIUDE * FROLUE PROLUED P	IN TOP	KOM W KOM W	900	300	~ ~ ~	30 % O % O % O % O % O % O % O % O % O %		4000	6 4 6	4 K
FM 2 1D NO * PRIMARY CONAME OF STREAM * LATTIUDE * FROLUE PROLUED P	CXZ U	k k k k k k k k k k k k k k k k k k k	* * * * *	* * * <u>*</u> *	****		*** * *	****	****	***
FM 2 1D ND ** PRIMARY CO. "-NAME OF STREAM *LONGITUDE CODE **			8 8 0	ຫຼື	6	80.0		0,01	10	10.0
FM 2 1D ND ** PRIMARY CO. "-NAME OF STREAM *LONGITUDE CODE **	4	# 60 # 60		88 X	Q	w M	ອກ "ເບ	₩ 101	en .	_ w
FM 2 1D ND ** PRIMARY CO. "-NAME OF STREAM *LONGITUDE CODE **		, , , , , , , , , , , , , , , , , , ,	****	****	****	****	****	***	****	***
FIN 2 1D NO * PRIMARY CO. = NAME OF STREAM *** CODE CODE *** CODE CODE *** CODE *** CODE CODE CODE CODE CODE CODE CODE CODE		数 数		81 C =						
FIN 2 1D NO * PRIMARY CO. = NAME OF STREAM *** CODE CODE *** CODE CODE *** CODE *** CODE CODE CODE CODE CODE CODE CODE CODE	E F & P E	*0.0	9 4 4		20 0r 1~	00.00	ono	- no	ONN	4 10 0
FM 2 1D NO * PRIMARY CO. "NAME OF STREAM COOFE NOW PRIMARY CO." "NAME OF STREAM STATUS * MATHGA NOTORNOWS * MILKES NOTORNOWS *	* * * * * * * * * * * * * * * * * * *	K - W - K - W - W - W - W - W - W - W -	ተ ሺሀ 4 ህ መ • • • ፭	010		գ ա ա	4 C 4	10 C 10	in w	an na -
THE TID NO * PRIMARY CONAME OF STATUS ************************************	AZKOOO	*	ተ ሺሀ 4 ህ መ • • • ፭	36 10. 81 10.	# # # # # # # # # # # # # # # # #	4	40 40 40 40	- 0 C	in ni	ราคา :
	E	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	EN * * * * * * * * * * * * * * * * * * *	# * * * * * * * * * * * * * * * * * * *	K K K K K K K K K K K K K K K K K K K	# # # # # # # # # # #	大 本 本 本 か の の い い い い い い い い い い い い い い い い い	* * * * * N. 03 N. 04	* * * * N. UI N. UI
	E	* * * * * * * * * * * * * * * * * * *	A 14 年 本 4 年 4 年 4 年 8 日 7 日 7 日 7 日 7 日 7 日 7 日 7 日 7 日 7 日	* 36 10. RIVER* 81 10.	TINE THE TENT OF T	RIVER # 1900 1900 1900 1900 1900 1900 1900 19	######################################	# # # # # # # # # # # # # # # # # # #	* * * * * N. 03 N. 04	* * * * N. UI N. UI
	E	* * * * * * * * * * * * * * * * * * *	A 14 年 本 4 年 4 年 4 年 8 日 7 日 7 日 7 日 7 日 7 日 7 日 7 日 7 日 7 日	* 36 10. RIVER* 81 10.	A MO NA MO NA MA NA MA	RIVER # 1900 1900 1900 1900 1900 1900 1900 19	######################################	# # # # # # # # # # # # # # # # # # #	CC CC CC CC CC CC CC CC CC CC CC CC CC	* * * * N. UI N. UI
	E	* * * * * * * * * * * * * * * * * * *	A 14 年 本 4 年 4 年 4 年 8 日 7 日 7 日 7 日 7 日 7 日 7 日 7 日 7 日 7 日	* 36 10. RIVER* 81 10.	A MO NA MO NA MA NA MA	RIVER # 1900 1900 1900 1900 1900 1900 1900 19	######################################	# # # # # # # # # # # # # # # # # # #	CC CC CC CC CC CC CC CC CC CC CC CC CC	* * * * N. UI N. UI
	E	* * * * * * * * * * * * * * * * * * *	A 14 年 本 4 年 4 年 4 年 8 日 7 日 7 日 7 日 7 日 7 日 7 日 7 日 7 日 7 日	LAKE # 36 10. REDOIES RIVER* 81 10.	LAKE * W6 13. ROARING RIVER* 81 1.	A MG 90 A MOKIN RIVER & BI 1334 WA WA	* ADKIN RIVER * BOORDS	A WANTER A W	CC CC CC CC CC CC CC CC CC CC CC CC CC	* * * * N. UI N. UI
	E	* * * * * * * * * * * * * * * * * * *	A 14 年 本 4 年 4 年 4 年 8 日 7 日 7 日 7 日 7 日 7 日 7 日 7 日 7 日 7 日	RIVER LAKE # 36 10. REDDIES RIVER* 81 10.	RIVER LAKE * 36 13. RUARING RIVER* 81 1.	SCOTT VADKIN RIVER # 81 134	* ADKIN RIVER * BOORDS	A WANTER A W	CANE TIVE CONTRACTOR AND	* * * * N. UI N. UI
	E	* * * * * * * * * * * * * * * * * * *	* ADKIN RIVER # BO UN.	RIVER LAKE # 36 10. REDDIES RIVER* 81 10.	RIVER LAKE * 36 13. RUARING RIVER* 81 1.	SCOTT VADKIN RIVER # 81 134	ONNAHA YADKIN RIVER * GO 259	A WANTER A W	CANE TIVE CONTRACTOR AND	* * * * N. UI N. UI
	E	* * * * * * * * * * * * * * * * * * *	* ADKIN RIVER # BO UN.	RIVER LAKE # 36 10. REDDIES RIVER* 81 10.	RIVER LAKE * 36 13. RUARING RIVER* 81 1.	SCOTT VADKIN RIVER # 81 134	ONNAHA YADKIN RIVER * GO 259	A WANTER A W	CANE TIVE CONTRACTOR AND	* * * * N. UI N. UI
	# # # # # # # # # # # # # # # # # # #	SERRANGER SERVES	* ELKIN * MG 14.0 * MG 14.	* REDDIES RIVER LAKE * 36 10. * MILKES REDDIES RIVER* 81 10. * * **	* ROARING RIVER LAKE * 36 13. * HILKES ROARING RIVER* 81 1. * 12.	A E TERRO SCOTT ADEIN RIVER & SA 9. 13. * SAEN SAC * SACKIN RIVER & SAL 13. * SAEN SAC * SACKIN RIVER & SACKIN	* LOWER DONNAHA * 16 12 * YADKIN PADKIN RIVER * 80 25 * YADKIN RIVER * 80 25 * YADKIN RIVER * 16	# JEPPER DONNAHA * 36 15 # YADKIN PIVER # 80 299	* HIGGING A WUS IN A WANTEY CANE RIVER A GOOD OF A MANAGE A GOOD OF A MANAGE A MANAG	* * * * N. UI N. UI
	# # # # # # # # # # # # # # # # # # #	SERRANGER SERVES	* ELKIN * MG 14.0 * MG 14.	9 * REDDIES RIVER LAKE * 36 10. * WILKES REDDIES RIVER* 81 10. *	A ROARING RIVER LAKE * 36 13. * WILKES ROARING RIVER* 81 1. * 12.	A E TERRO SCOTT ADEIN RIVER & SA 9. 13. * SAEN SAC * SACKIN RIVER & SAL 13. * SAEN SAC * SACKIN RIVER & SACKIN	* LOWER DONNAHA * 16 12 * YADKIN PADKIN RIVER * 80 25 * YADKIN RIVER * 80 25 * YADKIN RIVER * 16	# JEPPER DONNAHA * 36 15 # YADKIN PIVER # 80 299	* HIGGING A WUS IN A WANTEY CANE RIVER A GOOD OF A MANAGE A GOOD OF A MANAGE A MANAG	* * * * N. UI N. UI
*****************	# # # # # # # # # # # # # # # # # # #	SERRANGER SERVES	* ELKIN * MG 14.0 * MG 14.	9 * REDDIES RIVER LAKE * 36 10. * WILKES REDDIES RIVER* 81 10. *	A ROARING RIVER LAKE * 36 13. * WILKES ROARING RIVER* 81 1. * 12.	A E TERRO SCOTT ADEIN RIVER & SA 9. 13. * SAEN SAC * SACKIN RIVER & SAL 13. * SAEN SAC * SACKIN RIVER & SACKIN	* LOWER DONNAHA * 16 12 * YADKIN PADKIN RIVER * 80 25 * YADKIN RIVER * 80 25 * YADKIN RIVER * 16	# JEPPER DONNAHA * 36 15 # YADKIN PIVER # 80 299	* HIGGING A WUS IN A WANTEY CANE RIVER A GOOD OF A MANAGE A GOOD OF A MANAGE A MANAG	* * * * N. UI N. UI
	A TANAMA CO. INDAME A TANAMA CO. INDAME COLNESS A K K K K K K K K K K K K K K K K K K K	SERRANGER SERVES	* ELKIN * MG 14.0 * MG 14.	9 * REDDIES RIVER LAKE * 36 10. * WILKES REDDIES RIVER* 81 10. *	A ROARING RIVER LAKE * 36 13. * WILKES ROARING RIVER* 81 1. * 12.	A E TERRO SCOTT ADEIN RIVER & SA 9. 13. * SAEN SAC * SACKIN RIVER & SAL 13. * SAEN SAC * SACKIN RIVER & SACKIN	* LOWER DONNAHA * 16 12 * YADKIN PADKIN RIVER * 80 25 * YADKIN RIVER * 80 25 * YADKIN RIVER * 16	# JEPPER DONNAHA * 36 15 # YADKIN PIVER # 80 299	* HIGGING A WUS IN A WANTEY CANE RIVER A GOOD OF A MANAGE A GOOD OF A MANAGE A MANAG	* * * * N. UI N. UI

TO ALTHOUGH FOR ADDITIONAL STOCK OF CHARCE CARRON CARROLL STATE OF THE			
LCAL POTENTIAL FOR ADDITIONAL OFFICARIC CAPACITY AND ENERGY IN THE STATE OF 100 100 100 100 100 100 100 100 100 10	MALL SCAL	R V E L O P M E N	▼ ₺. 0
LCAL POTENTIAL FOR ADDITIONORIES OF TRIC CAPACITY AND ENERTHE OF THE STATE OF EDWIN	⋖	G	¥
TEAL POTENTIAL FOR ADDONELECTRIC CAPACITY AND	- -	u 2	- C
LCAL POTENTIAL FOR OFLECTRIC CAPACITY IN THE STATE	Ω	z	<u>z</u>
	E)	C 11	±
	⋖	0. ▼	90
2	ح الا	o r	I
1 0 2 m	2.	۱ ن	z H
	- - -	о Б	
+ a - +	-	≏ ≻	

<u> </u>	2 -	***	****	****	*****	***	***************************************	•	4 4 4 4 4 4	4 4 4 4 4	•						
iLiU HZ	* * * * * ZG	*	Z II	33 35 In	t -{	t -		* X.	K K ·	k K		# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	**	· · · · · · · · · · · · · · · · · · ·	***	在 在 在 在 在
# 4B		H S S S S S S S S S S S S S S S S S S S	# # # # # # # # # # # # # # # # # # #		10 A C C C C C C C C C C C C C C C C C C	M X X X X X X X X X X X X X X X X X X X	E X X X X X X X X X X X X X X X X X X X	T C C C C C C C C C C C C C C C C C C C	* 4 () 4 .	* H Z U * X H * W	* 60 01 4	**************************************	44 44 44 44 44 44 44 44 44 44 44 44 44	**************************************	######################################	**************************************	# # # # # # # # # # # # # # # # # # #
0 **	CM C	0	***** ***** **************************	0 0	M ↔	* * * * * 0	0				*	* * * * * * * * * * * * * * * * * * *	******	* * * * * * * * * * * * * * * * * * *	****	* * * * * * * * * * * * * * * * * * * *	# 44.0 # 940 # M 44
D *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	C .							* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# # # # # # # O * # O #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* * * * * *	* 0
00 4 00 4 00 4	**************************************		*****	0		* * * * * 0 *0 C						* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	
<u> </u>	**************************************		* * * * *	0 0	K 4	• • • • • • • • • • • • • • • • • • • •					# * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* 0
# # # # # # # # # # # # # # # # # # #		*****	M + + + + + + + + + + + + + + + + + + +	0 0							* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * 0 * * 0 * * 0 *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	# M + M + M + M + M + M + M + M + M + M
	n 100	- N M	STALLED CREMENT	CAPACI CAPACI CAPACI	A T A T A T A T A T A T A T A T A T A T	ISTING EXISTIN	DAM G			CC TO	A PLUCATA A MICA CANA CANA CANA CANA CANA CANA CANA C	*	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	COCCAN CARGAN GARATA	******* 8 2 AND 4TT) T*HUUR)	M M

DEVELOPMENT ADDITIONAL DAKIOTA > 00 01 01 11 11 I C O N OX O o z iL. POTENTIAL PACITY STATE 4 w PHYSICAL I HYDRUELECTRIC 2

	3 ·					† • •		4		***	****	***	****	****	******	****	***
h Z	* * * * * < Z C - < _] 0	* * * * * * * * * * * * * * * * * * *	*********	*****	* * * * * * * * * * * * * * * *	R K K K K K K K K K K K K K K K K K K K	* * * * * * * * * * * * * * * * * * *	K Z (A)		3	EATERT	nı Z	25 * * * * * * * *				4
धि धि 🛏	**** 03I H2 H>W	* * * * * * * * * * * * * * * * * * *	**************************************		**************************************	**************************************	# * * # # # # # # # # # # # # # # # # #	# D D D D D D D D D D D D D D D D D D D	4 H D C A A A A A A A A A A A A A A A A A A	* * * C + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +	* * * * * * * * * * * * * * * * * * *	***** *> Z Q - 1 *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	K * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	101 101 100 100 100 100 100 100 100 100
* 6	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*				000	000	000	00		00	****** ***** Mill *	* * * * * * * * * * * * * * * * * * *	M 10 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * 00	* * * * * * * * * * * * * * * * * * *	* 00	* * * * * * * CCC * CC * CC	* * * * * * * * * * * * * * * * * * *	* CO				*****		00	00 *		***** CCC *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	000 #
* 6. * 6. * 1	* * * * * * * * * * * * * * * * * * *	* 00 *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* *			000			000	90 *	# ## ##		* * * * * * * * * * * * * * * * * * *	* * * * * * * COO * * * * * * * * * * *	000 #
# ¥ ¥	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *			000	00	90	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*****	* ON *
* * * * 0		* * * * * * * 000 * 00	k		k	000		00	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		00 1	000	***** ***** *****				M M M M M M M M M M M M M M M M M M M
* * *	**	* HBB	***** XISTING DDITION	* * * * * * * * * * * * * * * * * * *	# 0 # F A 4	K	N	k (5) k (1) k (1)		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			AT ALL SITES FOR GIVEN HES	CSUM DANGE	F COLUMNS 2	< ⊃	6 %

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.47 Page 131 of table 1

A CONTINUE A PROCEDUATION AND A CALL A EXIONATION AND A CALL COOL AND A CALL A COOL AND A CALL A CALL CAN A CA	なるなるなどのなどのなかないないない。 のののでは、ないのののは、のののでは、のののでは、ないのののは、ないのののは、ないのののでは、ないのののは、ないのののは、ないのののは、ないのののでは、ないののの	1906 4 9001 4 9001 4 9001 4 9001
******** ********** ****************	* @ * O * ~ * * * * * *	1400
# HOU O O O O O O O O O O O O O O O O O O	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #
A A A A A A A A A A A A A A A A A A A		* * * * * * * * * * * * * * * * * * *
**************************************	4000000 272000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
** *** *** *** *** *** *** *** *** ***	# 1400000 # # 17% # 17% # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
* LATITUDE *PROJ PURP * FARRY SEERS TO COLLUDE * PROJ PURP * PAR III SEE SEE SEE SEE SEE SEE SEE SEE SEE	## CHINE ## CHINE ## CHINE ## ## ## ### #######################	4 48 355.7 x 90 x 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * * * * * * * * * * * * * * * * *	47 30.1 101 25.9 181400	48 M5 7 6 5 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
**************************************		A NDCNCSO177 # DRAYTON DAM A NDOOD21 # PEMBINA RED RIVER # # 2 DRC I # CITY OF DRAYTON # # 2 DRC I # CITY OF DRAYTON # # 2 DRC I # CITY OF DRAYTON # # 2 DRC I # CITY OF DRAYTON # # 2 DRAYTON # 2 DRAY
# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	NDCNCSON A NDCOCON A N NDCOCON A N N N N N N N N N N N N N N N N N N

SCALE DEVELOPMENT E R G Y ADDITIONAL Z O POTENTIAL FOR HYDROELECTRIC CAPACITY PHYSICAL

O H O

<u>.</u>

STATE

II F

z ∺

OPMENT 0 E V E L DITIONAL >-(5) 0 × 0 oc. ai Z 4 (A) э ж or :: 0 z 9 T A T E 4 NTIAL APACITY u) u T **a**. u z E C T R L C SICAL **x** ند ندا a. 0 æ **Q**

Œ.

	# #	* * * * * * * * * * * * * * * * * * *		* 000			# # # # # # # # # # # # # # # # # # #	S (%)
	**************************************	**************************************		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	ጀ ጀ ጀ ቁ ቁ ቁ ቁ ቁ ጀ ቀ ነገር ነገር ነገር ነ	を	0 4 F
	4	* * * * * * * * * * * * * * * * * * *		*		K		
	**************************************	44444444444444444444444444444444444444	* * * * * * * * * * * * * * * * * * * *	K K K K K K K K K K K K K K K K K OCO	k k			* ≪
		**************************************	* 1		000		*	AT ALL FOR GIVEN
NANGRA P	* -	SERVICE OF	* * * * * 000				K -1	A A C C C C C C C C C C C C C C C C C C
CAPACITY	数	* * * FO C C C C C C C C C C C C C C C C C C	000					7 0 7 W 0 P P P P P P P P P P P P P P P P P P
REMENTAL		# C C C C C C C C C C C C C C C C C C C		K + + + + + + + + + + + + + + + + + + +	: 00 	x		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
TAL INCR	# 3. # 2. # 10 # 01 # 01	DUNDA DUNDA WOMENA WOADA		* * * * * * * * * * * * * * * * * * *	ger - 1 Ber			
POTENTIAL	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* *****			* * * * * * * * * * * * * * * * * * *	. 9
	성 성 성 성 성 성 성 성 성 4 4 4 4 4 4 4 4 4 4 4	* * E * E * E * E * E * E * E * E * E *	* 00	* *	k K	*	* 000 * 00	K 00 X
•	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	X		* 0.0 * 0.0 * 0.0 * 0.0 * 0.0 * 0.0	* 0MU *	NAME OF A STANTIAL AT
	***************************************	DNOE POTEN W CARK W CAP	* *	* * * * * * * * * * * * * * * * * * *	* 21.02 * 21.02 * 41.02 * 41.44 * 41.44	* * * * * * *	* * * * * * * * * * * * * * * * * * *	*
	** 3 X (I) C *	* * * & & & & & & & & & & & & & & & & &	* * * * * * * * * * * * * * * * * * *	* 400 * 400 * 100 * 100 * 100 * 100 * 100 * 100 * 100		* * * * * * * * * * * * * * * * * * *	*	EX *** ADDITION UNDEVELC
	*	*****	* * * * * * * * * * * * * * * * * * *	* 000	* *	*	# 00 · # #	* - U:W
:a: •	- 4 J 0	H Z H Z H Z H Z H Z H Z H Z H Z H Z H Z	* * * * * * * * * * * * * * * * * * *	** ** ** ** ** ** ** ** ** ** ** ** **	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	** NM 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
: W ≪ :	H Z	(a) ta≀ ⊫	* D * = 0	* 0 * 7 * 1 * 0	* 0 * 0 * 1 * 10	* C *	* -	4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6

CATE 15 FEB B1 NATIONAL HYORDELECTRIC POWER STUDY TIME 01,18,56

# WO WE WE WE WOULD WO WIND WO		000			0000	1000		W 00 00 44 00 00 00 00 00 00 00 00 00 00	8 8 8 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
# F # MO OO # MO OO # MO OO I		60	₽ .N	W 0	24	-0		99	6 M
######################################	6600 00 00 00 00 00 00 00 00 00 00 00 00	26.54 2.54 3.50	5005.7	40 . 33 . 00 . 10 . 10 . 10 . 10 . 10 . 10 . 10 . 10 . 10 . 10 . 10 . 10 . 10 . 10 . 1	67.117	1000 14 1000 14	35 8 1 1 1 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	441. 14. 10.	M4.11
* * * * * * * * * * * * * * * * * * *		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	4 * * * *	ON 10	000	000 *****	N NU 44 ON NU 4 + 4 + 4	000
* WHIP	4 4	6.6	~~		40 40	0000 0000 0000 0000		10 10 10 10 10 10	
* 1		3179 +	0.00	0	000	15000 # 15000 #	000	000 000 000 000 000	0
# 4 4 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	B .	ж.	चंद्र ज्ली			2 X		यं व	* * * * O
****	000	000	000		000	000	000	000	000
* TO - LO -	t +-= t	813 8770 88.	7800 7800 600 600	4 NU W	6 N 4	M W W W W W W W W W W W W W W W W W W W	000 400 400 400 400 400 400 400 400 400	4 W W	P 2 4
* E C C C C C C C C C C C C C C C C C C	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.46	248.0 *	0.40	80 80 80 80 80 80 80 80 80 80 80 80 80 8	342.0		690.0	CR DB 120.04
# DD * E * C * C * C * C * C * C * C * C * C	K 60)	0 8 9 0 4	Ω ₹	a 6	86	55	œ G	æ F.	8.5
*****		****	****	****	****	****	****	****	****
# # # # # # # # # # # # # # # # # # #	N W 4	36.1 19.6 197	4 IV F 4 VI P 4 II	33.3 44.1 102	0 10 10	20 E		2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 17 12 12 12 13
* 7 * 5 * 6 * 6 * 6 * 6 * 6 * 6 * 6 * 6 * 6		4 4 4 4 4 0 W	60 M	****	4 4 4 4 4 4 0 M	**** WG B4	****	* * * * *	4 4 4 4 2 40 0 00 4 10
* *	CRES	77 24 24	DAK CRE	MILE CRE	BROWN PESERVOIR BUCK CREEK	FORK OF	COWAN CREEK	ZE RIVE O	5. 第 第 天
# E	# # # # # # # # # # # # # # # # # # #	CLEAR	E E E	M SUDM	S N N N N N N N N N N N N N N N N N N N	EAST F	N N	R DAM AUGLAIZE POWER CO	ALUM C
**************************************	5 555 5 605 6 5				38088 38			E SUSTE	7
*## C	. -		×	0	•	LAKE	E OHIO	POWER	
* 0 0	8002	HILL	- 2	CE OHIO	7	٠ <u>-</u>	w	ă E.	×
* C C + C C C + C C C C C C C C C C C C	RO ROOST		DAK LAKE	A P	7	FORK L	LAKE TON TON TON	NCE P	CREEK
**************************************	BUZYARD	PLEASANT ASHI AND DAEN DRI	2113 020 030 040	ACTON LAK BUTLER STATE OF	CLARENCE J CLARK DAEN ORL	EAST FORK L	COMAN LAX	DEFTANCE DEFTANCE TOLEDO ED	ALUM CREEK DELAWARE DAEN ORM
*CCO *AC	* * * * *	TEASSANT DAEL DAEN ORT	NE N	* ACTON LAK * BUTLER * STATE DE	* CLARENCE J * CLARK * DAEN ORL	* EAST FORK * CLEARMONT * OAEN ORL	A CLINAN LAX CLINAN LAX STATE OF	* DEFTANCE * DEFTANCE * TOLEDO ED	023 * ALUM CREEK 55 * DELAKARE * DAEN DRH
* 0.	* * * * *	PLEASANT ASHI AND DAEN DRI	N R R R R R R R R R R R R R R R R R R R	ACTON LAK BUTLER STATE OF	* CLARENCE J * CLARK * DAEN ORL	DHCORLO186 * EAST FORK'L CHOO929 * CLEARMONT 2 DFC * DAEN ORL	CCLINA A COLUMN A COL	# DEFTANCE # TOLEDO ED	ALUM CREE DELAWARE DAEN ORH

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18,56 PAGE 175 OF TABLE 1

######################################	安徽·安徽·安徽·安徽·安徽·安徽·安徽·安徽·安徽·安徽·安徽·安徽·安徽·安	1000 1000 1000 1000 1000 1000 1000 100	0 0 0		0000	NI 00	****		***
# # # # # # # # # # # # # # # # # # #	# O III	10 +0 10 -0 10 -0	80 W 80 W 80 W 80 W 80 W 80 W 80 W 80 W	1915	60 60 60 60 60 60 60 60 60 60 60 60 60 6	4 4 6 6 6 6 7 6 7 8 8 8	2.00 2.00 2.00 2.00 2.00	80 H 80 H 80 H 80 H 80 H 80 H 80 H 80 H	2013 360_64
*単単四へへへ	4 1-40 1.1. 4 1-40		17120	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	4 4 4 4 0 00 00 0 00 0 00 0 00	****	****	
* C C C C C C C C C C C C C C C C C C C	**************************************	044	NU NU M	0.50	ONN	44 0 0 0 0 0 0 0 0	11 110 00 00 00 M	OCC TO TO TO TO TO TO TO TO TO TO TO TO TO	2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
######################################		* * * * * OOO * OO M OO M OO M OO M OO	4 4 6 10 10 10 10 10 10 10 10 10 10 10 10 10	* * * * *	* * * * * 00 * 00 * 00 *	***** OOD OMG	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	16474 16474	# # # # # # # # # # # # # # # # # # #
* A B B B B B B B B B B B B B B B B B B	* * * * * * * * * * * * * * * * * * *	CRSO OP W47.0	88 00 787	7 A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	88 0.09 1.684	88 00 00 00 00 00 00 00 00 00 00 00 00 0	18 677.0	0 638	# # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #	# 00 00 00 00 00 00 00 00 00 00 00 00 00	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 80 80 80 80 80 80 80 80 80 80 80 80 80	₩ ₩ ₽ ₩ 4 + ₩ ₩ 4 0 0 ₩	24 80 O 41 IU IU 41 H O 60 O	2 m O M O M O M O	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0 80 4 4 6 10 6 10 7 4 10	本 140 MO。 20 本 20 MO。 20 本 20 MO。 20 本 20 MO。 20 本 20 MO 20 A 20 MO 20
	表现状态化等水谱性系统 化二丁二二丁二丁二丁二丁二丁二丁二丁二丁二丁二丁二丁二丁二丁二丁二丁二丁二丁二	SENTANGS SHE	* * * * * * * * * * * * * * * * * * *	BIG DARBY CRES	BIG WALNUT CRA	* * * *	PACCOON CHERK ***	SERVOIR MAD RIVER * ERVANCY DISTR. *	
A SA	HAANANANANANANANANANANANANANANANANANANA	DELAWARE DELAWARE DAEN ORH	OSHAUGNESS DELAWARE COLUMBUS	BIG DARBY FRANKLIN	HOOVER FRANKLIN COLUMBUS	G GRIGGS FRANKLIN COLUMBUS	CORA LAKE	HUPPMAN RESERVOIR GREENE MAD MIAMI CONSERVANCY D	MASHINGTON MILLOS GORDNOS CONTRACTOR CONTRAC
######################################	0160710004 * 0110066 * 011	DHCDRHOORS CHUOGES P DRC	DHCDRHOO26	OHEORHOO27 * OHUOO82 *	DHCDRHOOZ6 BHUOD91	CHCDRHOO29 ** CHOSOO **	OHEORHOOSO:*	OHCORLO189 & OHOO426 & ORC I *	# DH6DRL0186 # UH6DRL0186 # UHD0004 # # OHD0004 # # # IS DRC

DATE 15 FEB 81 NATIONAL MYDRDELECTRIC POWER STUDY TIME 01,18,56 PAGE 176 OF TABLE 1

ERC ECONOBICS ERC NONECONOBICS ERC CONDOBITES (ORGUENCE RANK) * (ORGUENCE RANK) *	*****	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * *	. * * * * * * * * * * * * * * * * * * *	* * * * *	****	****	
***	######################################	4 4 4 4 4 4	- * * * * * * * * * * * * * * * * * * *	**************************************	WW 00000000000000000000000000000000000	(A)	(1) 4 (1) 6 (1) 6	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.51.19° 1.00° 1.0
	* * * * * * * * * * * * * * * * * * *	0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	eekee omm	000 eier	* * * * * O (L) (L) orbori	ARRES		****	10 00 00 00 00 00 00 00 00 00 00 00 00 0
HOP 	在 在 在 在 在	* * * * * * * * * * * * * * *	000	化妆金	*****	*****	66940	000	
A	4 4 6 9 9 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4	19 00 00 00 00 00 00 00 00 00 00 00 00 00	11360	10 44 44 46 44 4	2000 2000 2000 4444	11 12 12 12 12 12 12 12 12 12 12 12 12 1	2 2 2 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4	44 44 44 44 44 44 44 44 44 44 44 44 44	74 000 9 000 9 000 8 # # #
AVE. Q	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	080 080 80 80 80 80 80 80	# # # # # 0 0 M	CRD ## 140.0*	CRU **	000 000 000	2 H H H H H H H H H H H H H H H H H H H	CORU # # 81.04 # #	7 T T T T T T T T T T T T T T T T T T T
AZ K D C B		0 to	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	81 12°4 80 11°4	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00	611 SE CO
1	AKARAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKA	E S C S E S E S E S E S E S E S E S E S	MILL CREEK LAKES S FORK OF MILS S FORK OF MILS	BRUGHY TORK	SHILL YANG CRA	DAM Z-I CREEK X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-	TESERVOIR HOCKING RIVERS	CLEAN CREEK	LAKE * KILLBUCK CREE*
PRIMARY CO.	SERVERS SERVER	MALLO CREEK GUERNOEN DAEN ORT	WEST FORK OF Hamilton Daen orl	CLENDENING HARRISON DAEN ORF	PIEDMONT HARRIGON DAEN ORH	PAINT CREEK HIGHLAND DAEN ORH	ATHENS COUNTY Hocking	LOGAN LAKE Hocking	MILLERSBURG L Holmes
ATA LA LO NO A LA LO NO A LA LO NO EN LA LO NO EN LA LO NO EN LA LA LO NO EN LA	# DHC0RH0031 # # DHC076 # # # # DHC076 # # # # # # # # # # # # # # # # # # #	** OHCGRHOO32 ** OHUGO81 ** ** DRC **	** DHCDRLOOP9 ** ** 2 DRC I **	## DHCORHOOSS ## DHUO060 ## 2 DRC ##	## DHCDRHOO34 ## DHU0076 ## 2 DRC ##	** OHCORHOO36 ** OHCOO75 * * SGP **	* OHEORHOOS7 * OHUOO63 * * S DRC I *	* ON6ORHOO38 # OHUO084 * * 5 DRC I *	* DHEORHOO39 * MILLERSBURG LAKE * OHUO085 * HOLMES KILLBUCK CRE * 5 DRC 1 *

DATE IS FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,57

THE STATE OF THE S	**************************************		18	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0108	1 # # # # # # # # # # # # # # # # # # #	**************************************	9 00 N	
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7306	01 4 2.01 2.01 0.01 0.01	2. 2. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.		20 EU 20 EU	36 88 88 88 88 88 88 88 88 88 88 88 88 88	M 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	481,99
* * * * * * * * * * * * * * * * * * *	44444444444444444444444444444444444444		* * * * *	6 4 4 4 4 C 60 40 50 40 10 10		000	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	444 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************
ZXX ZXX ZXX ZXX ZXX ZXX ZXX ZXX ZXX ZXX	*** CO*********************************	W W C C C C C C C C C C C C C C C C C C	17400 17400		000	*****	# # # # # O # P # P # P # P # P # P # P # P # P #		11 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
e C. F. C. F.	# # # # # # # # # # # # # # # # # # #		A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	# # # # # 00000 00000000000000000000000	M M M M M M M M M M M M M M M M M M M	107.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
AVE. 0	**************************************	0 L	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		# # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0	C C C C C C C C C C C C C C C C C C C	C * C * C * C * C * C * C * C * C * C *
·	2 C C C C C C C C C C C C C C C C C C C	00 00 00 00 00 00 00 00 00 00 00 00 00	09 th 11 06 th 11 06 th 11 07 th 12 th 12 th	240 00 00 00 00 00 00 00 00 00 00 00 00 0	***	240 040 044 044 044 044 444	80 80 80 80 80 80 80 80 80 80 80 80 80 8	24 00 00 00 00 00 00 00 00 00 00 00 00 00	20 00 00 00 00 00 00 00 00 00 00 00 00 0
x	TICA LAKE NORTH FORK LAKE SANDANG SAND	## # # # # # # # # # # # # # # # # # #	E S BLACK RIVERS & * * * * * * * * * * * * * * * * * *	A TAUDING WIVE A A COMPOSITY OF A COMPOSITY A COMPOSIT	COMPANY MAHONING DIVER CO.	ST. MARYS BEAVER CREEK &	DOD DAM MERY CONSERVANCY DISTR. *	# ITOWN DAM # ITOWN CREEK # CONSERVANCY DISTR. #	TAVIORSVILLE DAM ** MONTGOMERY GREAT MIAMI R** MIAMI CONSERVANCY DISTR.
**************************************	HONE THE STATE OF	A CONTAXAY TAKE	EAST TALLS CORAIN TORSE MULLE	LAKE MILTON HAHONING CITY OF YDUNGSTOWN	OHIO WATER MAHONING OHIO WATER	GRAND LAKE MERCER State of or	ENGLEK MONTGO MIAMI	GERMANTOHN D MONTGOMERY MIAMI CONSER	TAVLORSVILLE DAM MONTGOMERY GREAT MI MIAMI CONSERVANCY DISTR
A A A A A A A A A A A A A A A A A A A	t Cumo p—y	DH6DRH0042 BH00067 B DRC I	CHANCB4321	0HC0RF0028 # 8 0H00419 # 4 0H00 # 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CHCORPLO191 x CHCOSSO. x x CRC	0HC0RL0194 * CH00431 * CH0	0HC0428 * 6 DRC I * *	# DMCGRL0193 # G GH00427 # # 6 DRC I #

DATE 15 FEB 81 NATIONAL HYDROELECTRIC PUWER STUDY TIME 01,18,57

EXIGATO PARGAPUL. COSTA PROCEDURICALINA PARA COSTA PARA COSTA PARA CONTICALINA		1000	* * * * * ** **	* * * * * 0 0 0		* * * * * N O O	N 00 C	* * * * * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0	1001
* * * * * * * * * * * * * * * * * * *	****	****	****	****	****	****	****	****	***
> OX	M - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	38.64 1.698	521.34 W.48 W.48	4571.3	80 . 80 . 80 . 80 .	666 85 85 864 864	. 5 6 . 8 7 . 8	373,34 50,451
NUCL COST	M P P	n n	4.4 N -1	N 4	4 W. b-	40 40 40 40	40 VI 40 NU	4 4 0 0 • 40	N.O.
< < 	*	****	****	****	****	****	****	****	****
	000 000 000 NN	000 800 000	11000	1998 1998	0 d d	00 44 0 0	4781	66	0004
	k +++++ k k			***		N NE	N. D.		
****	* * * *	****	****	****	* * * * *	****	****	****	
446	K 000	44 000	2 100 2 100 100	6 48 48 48 48 48 48 48 48 48 48 48 48 48		6 49 6 49 6 60 6 80 8 80	40 40 42 42 43 43	dåå	0000
255 204 205 205 205 205 205 205 205 205 205 205									
MH-									
#5 5 5 5 6 5 5	000	000	000	2 M 2 O O 0 O O	000	O C 40	000 000	000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
FEEE FEEE FEEE FEEE FEEE FEEE FEEE FEE	. γ . εο Σ . ↔ Σ	N O	NE SO	116 2740 30	72.0 125000 26.9	-	5 2	10.9% 0.0% 0.0% 0.0%	916
E # # # # #	: : : * * * * * * *	* * * * *	****	****	****	****	****	****	* * * *
6.0		M M	#F	786.	147.	925	749.	295	2.1
SP A	20	α G	40	0 a.	. ∪ ₹	a C	a. C	85	2 N
****	*****	****	****	****	****	* * * * *	****	****	****
* LATITUDE DR.AREA (D M.M) (SG.MI)	47.4 47.4 7611	9.04	4 10 F 4 4 V 6 4 4 0 4 40	4 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	13.00	20 10 17 10 10 10 10 10 10 10 10 10 10 10 10 10	00 00 00 00 00 00 00 00 00 00 00 00 00	12 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	NO W
CO M.M.D.	K K (2) ↔ K (2) 00	₩ 60 	8 9 9 4 10 10 10 10 10 10 10 10 10 10 10 10 10	60 CG 60 CG 80 KG	4. 60 O. U.	0.00	0 M 0 M 0 M 0 M 0 M 0 M 0 M 0 M 0 M 0 M	6 60 6 10 1	4
. E	* * * * * * * * * * * * * * * * * * *	* * * * * \(\alpha \)	* * * * *	****	****	****	****	*****	* * * * * * * * * * * * * * * * * * *
	t k % r ≪ k T	X 4 T	X 4 T	» I	IKA	¥	X 4 T	S B B B B B B B	E C
	MCOKENGHAM	MUSKINGHAM	FUSKINGHAM	LICKING	LAKE WAKATOHIKA	MUSKINGHAM	o Buskingham		RAHONA
Σ 4 ω 2 Σ α	i Si N	M US	20 21 11	r 10	m 3. ★		© X O X	DEER	¥ ¥
2 X &	1	NO. 7	6 C Z		Ž	5 1 C Z	0. 2.		4
CO. TANAMA CO. TANAMA CO. CO. CO. CO. CO. CO. CO. CO. CO. CO.	K 40 K 20 K 20 K 30 K 40	M .	DAM	×	9 2 × ⊃ 3 × ⊃			X W W > I	LAKE
PROJECT NAME CO. TVAME OF CO. TVAME	; ; + Z			OTLLON MUSKINGUM DAEN GRH	FRATEVSBURG Musk ingum	COCK + DAM MUSKINGUM DHIO	+ 2	DEER CREED PICKAWAY Daen orh	BERLIN LAKE Portage Daen orp
Dr.	1000 1000 1000 1000 1000 1000 1000 100	HOCK +	LOCK + MORGAN OHIO	DILLON MUSKIN DAEN G	FRA7	MUSK OHIO	LOCK	DEEP PICKA Daen	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
*****	* * * * * * *	* * * * *	* * * * *	* * * * *	****	****	* * * * *	****	# * * * * * * * * * * * * * * * * * * *
:000FM 1				# O	4 M	30	3 C	Ru 🕁	PO 00 1
	1 0 P	1004 7009	#006 #009	900	000 000 000	0 0 D	7 TO 0	200	0 C U
FM 2 ID NO * PRICECT NAME FM I ID NO * PRICERY CO. *NAME OF STRECODE CODE CODE * CODE * STLE * STATUS *	OHADRHOO43	DHADRHDO44 DHU0097 Z DFC	0HA0RH0045 0HU0098 2 DFC	0HCDRH0046 0HU0069 2 DRC	0H60RH0047 0HU0083 5 DRC I	DHADRHOO48 DHUO099 2 DFC	DHADRHOD49 Dhurior Z Dra	ОНСОРНОО50 ОНИОО61 2 DRC	# CHCORPOO34 # BERLIN LAKE # 41 # CHCOC32 # PORTAGE MANCOLNG RIVER 81 # 2 DFC I # DAEN ORP

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,97 PAGE 179 OF TABLE 1

TO BY THE FOUND IN THE FOREST AND TH	· · · · · · · · · · · · · · · · · · ·	0 10 01	00 40 44	0 T C (1)	. * * * * *	010 010 010	(# # # # #	0100 0100	***
	****	****	***	****	****	****	****	*****	***
ENERGY COST	*************************************	166.65 41.665	24 000 000 000 000 000	2000 000 000 000 000 000	611 611 611 611 611	2000 2000 2000 2000 2000	60 60 60 60 60 60 60 60 60	38.138	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
OOOL) A CIETO	**************************************	4.4 0.0 0.0 0.0 4.4 4.4 4.4			0.00	* * * * * 000 66 44	· · · · · · · · · · · · · ·	*****	* * * O
MMH MNO HNO HNO HNO MNO MNO MNO MNO MNO MNO MNO M	# # . III III II	14 0 7 4 1 1 4 4 0 0 0 0	4 4 4 4 4	4 4 4 4 O IN IN	4888	* * * * * * O O O W WI ST ST	* * # * * O er er	* * * * * # O el el	* # # O # - NJ
****	* * * * * * * *	0000 M 7-00 0000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7000 1000 0000 4444	200 200 000 000 000 000 000 000 000 000	4 4 4 4 4 4	7, 20, 4,44, 000, 4,44,44,44,44,44,44,44,44,44,44,44,44,	* * * O O O O O O O O O O O O O O O O O
サト 4 GT ト	* * * *	00000000000000000000000000000000000000	0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S	**** « « » »	00 00 00 00 00 00 00 00 00 00 00 00 00	CR3 0P 7P 7P 7P 80*	CRU DP 140.0*	* * * ;
CONGINATION OF A REST A	# # # # # # # # # # # # # # # # # # #	200 11 11 00 00 00	2.00 	8 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	240 240 241 240 200 200 244 344	41 17 9 80 415 4 97 # #	40 M1 M2 M1 M2 M1 M2 M1 M2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Σ	**************************************	KITHWIN DAM AND RESSE WEST BRANCH ON	AD DAM SANDUSKY RIVER T	* LITTLE SCIOTO*	RESERVOIR LORAMIE CREEK* NCV. DISIR.	DAM ************************************	INDIAN FORK * *	SUGAR CREEK	* * TO OPENATE OF THE
A ACT OFF A PAIMARY CO. SNAME OF GARRARY CODE CODE A TICE A CODE CODE A TICE A CODE CODE CODE CODE CODE CODE CODE CODE	A COLOR COLOR COLABORA A SANTA A COLOR A COLOR COLOR COLOR A C	MICHAEL J KIRW PORTAGE DAEN DRP	FREMONT LOW HEAD DAM SANDUSKY SANDUSKY CTTY OF FREMONT	HARDISON MILLS	LOCKINGTON DRY RES SHELBY MIAMI CONSERVANCY	MOSAULTO CREEK TRUMBULL DAEN ORP	ATWOOD LAKE TURDARABA DARN DRE	BEACH CHIT	DOVER THOCARAWAS
ACT CODE CODE CODE CODE CODE CODE CODE CODE		## CHCCRPOOSU ## CHCCCNC ## N	A CHANCBO195 A CHANCBO195 A A CHANCBO195 A A A CHANCBO195 A A A CHANCBO195 A A CH	## 0H60RH0051 ## 5 DRC R ## ## 5 DRC R ## ## ## ## ## ## ## ## ## ## ## ## #	OHCOR[0196 *	DHCORPOOST & OHOOOSI & C	## CONTOONS ##	## ## ## ## ## ## ## ## ## ## ## ## ##	0HC08H0054 * 0HU0070 *

-

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.57 PAGE 180 OF TABLE 1

A CANADA A CANADA A CANADA A CANADA A CANADA A CANADA CANA		1001	****	****		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	
MNUC. COOT.		## ## ## ## ## ## ## ## ## ## ## ## ##	9 m • 6 m •	5.6097 8.6097 8.6097 8.609	2 0 2 2 2 0 2 2 2 0 2 2 0 2 0 2 0 0 2 0	ው መ 4 ው 4 ው 6 M 6 M 6 M	73.178	0.00 0.00 0.00
XX M M M M M M M M M M M M M M M M M M		# # # # #	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7. V. O RU RU C	*****	M W W W W W W W W W W W W W W W W W W W	0000	11000
		40 44 44 64 64 64 64 64 64 64 64 64 64 64	c d A A Chw	0440	0 0 0 0 0 0 8 N	0 4 4 9 4 9	44 000 000	00002
****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1300°0 4 4 4 6 0 0 0 4 4 4 6 6 0 0 0 4 4 4 4	* * * * * * * * * * * * * * * * * * *	6 h	0 0 0		0000
TE SEE SEE SEE SEE SEE SEE SEE SEE SEE S	P A 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.00 8.37		20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	7878.0	# # # # # # # # # # # # # # # # # # #	# # 00 00 00 00 00 00 00 00 00 00 00 00
¥ tatiab d	E 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00 0.00 0.00 0.00 0.00	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	# # # # # # # # # # # # # # # #	P 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
	**************************************	EK LAKE CAESAR CREEK	LIT MIAMI RIK	4000 FK Lid X X X X X X X X X X X X X X X X X X X	MUSKINGHAM RI	* * ND.* W * NO. W * W * W * W * W * W * W * W * W * W	A NUSKINGHAM RI	DCK + DAH NO.5 ASHINGTON MUSKINGHAM RI
AKAKKAKAKKAKAKAKAKAKAKAKAKAKAKAKAKAKAK	**************************************	CAESAR CREEK HARREN DAEN DRL	2 Z D W C C C C C C C C C C C C C C C C C C	TODD FORK	LOCK + DAM WASHINGTON	LOCK + DAM N WASHINGTON	LOCK + DAM WASHINGTON OHIO	LOCK + DAH WASHINGTON
**************************************	**************************************	## DHCORLORD ### DHCORLORD ### DHCORLORD ####################################	## DH6DRL0199 ## DHU0003 ## 55 DRC ##	** DH6DRL0198 ** DH00002 **	** OHADRHOOSE ** OHUQOSE **	** DHADRHOOST ** DHUDO93 **	THADRHOOSS THE CHUOO94	## DHADRHDOS9 # DHUGO95

		-	
			ji L
			-

SCALE DEVELOPMENT SMALL ج 0 K L A H 0 ADDITIONAL O Z 4 <u>د</u> 0 STATE œ CAPACITY e O N H H ta. I P 0 T E E C T R I C YSICAL HYDROEL x

4	K K K K K K	*PH -			K 444		2 H	, (*)
1		# # M D C C C C C C C C C C C C C C C C C C				0	N ed ed	
4		**** *HOUN *MUZU *XHOUN *XHOUN			# # # # # # # # # # # # # # # #	0 0		F COLUMNS 2 E (MEGAWATT)
1 1 1 1	* * *	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* * * * * * * C • * C		0	CSUM DE RANGE
4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		K			***** ***** ***** **** **** **** ****	L CAPACITY (SUM DI R GIVEN HEAD RANGE GIVEN HEAD RANGE
	k 3 ξ	* * * * * * * * * * * * * * * * * * *	****	*****	* * * * *	****	0 0	20 X
	* C	# W W W # W W W W W W W W W W W W W W W	****	* *	* * * * * * *** * *** * *** * ***			NO N
		* * * * * * * * * * * * * * * * * * *	0			3 3	0	11 mm m
		* * * * * * * * * * * * * * * * * * *	* •0	K (I) K (I)	******	*****	***** *****	2
, 1	* 3 * 2	* * * * * * * * * * * * * * * * * * *			K			# # # # # # # # # # # # # # # # # # #
		**************************************		* NU	K		# # # # # # 0.00 # 0.00 # 10 # 10 # 10 # 10 # 10 # 10 # 10 #	A M O O O M M O O M M O O M M O O M M O O M M O O M M O O M O O M O O M O O M O O M O O M O O M O O M O O M O O M O O M O O M O O O M O
4 4 4 4		* * * * * * * * * * * * * * * * * * *			* * * * * * * O * * O *	* * * * * • ° °	0	TEXTER TEXTER TO THE TEXTER TO
4 4 4		* * * * * * * * * * * * * * * * * * *	x .	BK -	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	i + `+
4	k k 3 k 2 k (n k (n	* A D D M		* * * * * * * * * * * * * * * * * * *				K 640 .
4 4 4	* "	* * * * * * * * * * * * * * * * * * *		* *	* * * * * * * * * * * * * * * * * * *		K	INSTALLED CAPACITY A INCREMENTAL CAPACITY A POTENTIAL CAPACITY A
1	k *	****		* * * * * * * * * * * * * * * * * * *				
. # ·	* * * * * * ZO (* * * * * * * * * * * * * * * * * * *	* * * * * * *		* * * * * * * * * * * * * * * * * * *		**************************************	COLUMN COLUMN COLUMN
1 4 C). Н Z	• • •	* 0 * 0	*	* C.	R 00 -	TOTAL	X X X X X X X X X X X X X X X X X X X

DEVELOPMENT ADDITIONAL о С Z Z POTENTIAL CAPACITY FHYSICAL HYDRUELECTRIC

i	
	M
	0
	STATE
	us X —
	z H

		*****	****	******	***************************************	4	1	4				
### ##################################	* * * * * * * * * * * * * * * * * * *		3 X X	* * *		X 1- X 10		X X K K X X X X X		* F	* 4	* * * * * * * * * * *
### ### ### ### ### ### ### ### ### ##	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * > Z Q - * W W W H * A Z Q - * O D O H * O D O D O H * O D O D O D O D O D O D O D O D O D O	# # # # # # # # # # # # # # # # # # #	* * * * * * ! * D O O O O * H Z U O * H Z U O	* * * * * * * * * * * * * * * * * * *	* D G W + C G C W + C G C C C C C C C C C C C C C C C C C	* + + + + + + + + + + + + + + + + + + +	**************************************	**************************************	* D D D D D D D D D D D D D D D D D D D	* E H 4
######################################					* 000 * * 00	* 000	* 00	* 000	* * * * * * * * * * * * * * * * * * *	* 0.N	* 000	* 00
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	X			x • • •	2			* * * * * * * * * * * * * * * * * * *	* 4 4 *	* NN * ~ N	* **	
**************************************	* * * * * * * * * * * * * * * * * * *	k +		K 01 A) 20 4	k i		K	* * * * * * * * * * * * * * * * * * *	* M CC +	¥ eM ⋅	× in αi ⋅	* **
* * * * * * * * * * * * * * * * * * *			* 000		# 330° # NIO # NIO	* -CO	% ss . % ss .	* * * * * * * * * * * * * * * * * * *	* 0.00 * 0.00 * 3.40	* * * * * * * * * * * * * * * * * * *	#	# MIC
化过程计算程序 医环状球球球球球球球球球球球球球球球球球球球球球球球球球球	* * * * * * * * * * * * * * * * * * *	K	k • • •	* *1 ↔ 1	* ~1.020 ±	x	× उर्द0 र	* 0'0 * 40 * WW0	≠ nu -	* * * * * * * * * * * * * * * * * * *	* ±nor ⋅	* * * * * * * * * * * * * * * * * * *
COLUMN 1 = EXISTING HYDROPO COLUMN P = ADDITIONAL POTEN COLUMN 3 = UNDEVELOPED POTE	POWER DEVELOPMENT	MEN A	CODERCO XX	2 11 11 11 11 11 11 11 11 11 11 11 11 11	70 T A L C	NAPAGE NAPAGENTANA	# H A B B B B B B B B B B B B B B B B B B	ALL SITES (SUM OF GIVEN HEAD RANGE	CSUM OF RANGE	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* (F)

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,57

	PROCECT RAME PRIMARY CO. 1 NAME ONNER ONNER A * *		TO SECOND	(XX	1111 1111 1111 1111 1111 1111 1111 1111 1111		0000 CB	REC CONDUCTED OF THE PROPERTY
######################################	**************************************	**************************************	*	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	**************************************	在对水水在水水水水水水水水水 四	**************************************	医水管 化化化铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁铁
DKOSWTOR67 GKOOO73 P DRC I *	* TAKE FRANCES PSILDAM ** ADATR TOTOTOAM SPRINCE**	** ** ** ** ** ** ** ** ** **	00 00 00 00 00 00 00 00 00 00 00 00 00	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WW 99.	1039
OKCSWTORYOUS OK SCP I *	# GREAT SALT PLAINS LAKE # ALFALFA # DAEN SET #	INS LAKE SALT FORK OF *	24 88 94 95 95 95 95 95 95 95 95 95 95 95 95 95	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	****	****	M6.4400	
OKCOWTO275 OKCO112	* ATOKA * ATOKA * OKLAHOMA CITY	****	24 25 25 25 25 25 25 25 25 25 25 25 25 25	* * * * * & CC &	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	0	46. 40. 40. 40. 40. 40. 40. 40. 40. 40. 40	
DK68WT0273 ** OKU0729 **	* * MOGER CREEK A TOKA CREEK BURRC	20 00 00 00 00 00 00 00 00 00 00 00 00 0	34 19 9 95 32 7 178 37	**** & 0 0 A 0 0 10 10 10 10 10 10 10 10 10 1	277200 6 * 4 94 94	****		3344.4	
CK68WTO272 CKU0155 S SCP I	PARKER LAKE PARKER LAKE * ATOKA * DAEN ORT	****	34 34 45 16 16 17		000000 000000 000000		****	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
DK6SWT0277 DKU0797 S SCP I	* ENGLEWOOD RESERVED BEST	AND CINARUNCE AND CONTRACTOR CONTRACTOR CONTRACTOR AND CONTRACTOR AND CONTRACTOR CONTRAC	36 56.4 100 2.	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * *	0 9 9 M M O 0 N N	126 126 126 126 130	
DK60WT0278 DKU0030	* BRIDGEPORT RES * BLAINE * DAEN SET	TECHTOURY CANADIAN RIVERS	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	* * * * * * * * * * * * * * * * * * *	# 2175000 1575000 16760	OM M M M M M M M	0000 900 4444	0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
DKCSWTO279 DK10316 S DRC I	* CANTON LAKE * BLAINE * DAEN GWT	* * CANADIA * *	36 35.1 98 35.9		# # # # # # # # # # # # # # # # # # #	000	000	NS. 554	

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.58 PAGE 182 OF TABLE 1

*	######################################	N & O O O O O O O O O O O O O O O O O O	***	2	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	(W + * * * * * * * * * * * * * * * * * *	PERGY COG (8) (8) (8) (8) (8) (8) (8) (8) (8) (8)	A CONCINCE AND A CONC
	CANADLAN R	* 35 34 1 98 30 0 1 24 197	****	60 4 4 6 4 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	107°0 788429 79°9	_		7603e3	B K K K K K K K K K K K K K
	ISLAND BAYDU	* * * * * * * * * * * * * * * * * * *	****	& & & & & & & & & & & & & & & & & & &	# # # # # 0000 0000 0000 0000 0000 0000	O चा चा	044	04 NUN NU 014	****
DAM M	RED RIVER	* 36 MM 49 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	* * C * C C C C C C C C C C C C C C C C	4 4 4 4 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6	00000 00000 00000 00000 00000	203341 2740 21341	100 to 10	
,	BLUE RIVER	# # # # # # # # # # # # # # # # # # #	****	80 A & & & & & & & & & & & & & & & & & &	105.0 904000 70.90	00	44 66 044	6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
CREEK. LAKE Ba	BLUE RIVER	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	* * * * * * * * * * * * * * * * * * *	P P P P P P P P P P P P P P P P P P P	9440	2 4 4 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 00 0 00 0 00 0 00 0 00 0 00	
-	CANADIAN RIVERS	7 80 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	****	80 A A 44 47 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	104 104 104 100 104 104 104 104 104 104	○ ↔ ↔	० व व	13422	****
UNION-ALTERNATE Canadian Bur rec	** NAMOANAO	35 23 4 98 13 9 17 90 9	****	CSI * * * * * * * * * * * * * * * * * * *	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	OWN		*****
DOUGHTERY LAKE Carted Daen	* * CONTRACTOR * CONT	6613 6613 6613 6613	****	TC SINGO SINGS	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NOUN CON CON CON CON CON CON CON CON CON CO	4 4 8 6 9 0 9 0 9 0	00 M M M M M M M M M M M M M M M M M M	• • • • •
•	PX≺CR CREEK * * * *	4.60 P. 4.00 P	****	CSPD **	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	000	000	20000000000000000000000000000000000000	• • • •

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,58 PABLE 1

				***		****		****	
THE COLUMN TO SEE THE COLUMN T	# #				24				
NOT 4 K	*				1027				
	· 在 在				021				
ESS CAME	\$ #	ဝီ	Ĉ		0				
* F G G B B C F F C F C F C F C F C F C F C F C	# #				v.				
	# *	Ö	ò		1021				;
***	****	****	* * * * *	****	****	****	****	****	***
F-0	# e0 e3	eo in	00	~ 7	5 NI	40 PA	10 h	មាមា	14154
× 0 × 1	# 10 # 40 # 40 # 10 # 10	4797. 58.647		0.7 0.0 0.0 0.0				7509 52328	14150
18 03 18 03	* EU ~!	4 M		→ 0	4 V	401	80 Q	6 70 10 43	100
	 K							7	N.
******* ****	* ON N	044	****	000	****	****	* * # * * *	****	000
	K 66	9 1		9 9	11 11 12 12 12 12 12 12 12 12 12 12 12 1				
		80 60	10103						
XZC	k								
: M		****	* * * * *	****	****	****	****	****	***
и д. а . •	* *	440	000	00098	55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	OMM	044	000	000
222500	v no v ■	4 4 6 6 8 8 8 8	34000 14000	35	ម៉ា ម៉ា				
E									•
XZO	k K								4
*****	***	****	****	****	****	****	****	****	****
F & 6	65.000 65.000 65.000	206.0 200000 187.0	560	10 O	- 60 0 9 9 9	W 0 0	90.0	0.00	8 4 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E P P P	# - W # - W # O O W	00 0 00 00 00 00 00 00 00 00 00 00 00 0	34.00	## C C ## ## M ## C C	10 0 k	4 0 0 4 0 0	0 0 0 0	0. 8. 0 11.0. 0	0089 00840 00840
A SEC	k +0	60	M	Ĉ.	CE .	eō:	જો	4	2
	* * * * * * * * * * * * * * * * * * *	****	* * * * *	****	****	* * * * *	* * * * *	** * # #	****
, r r r r r r r r r r r r r r r r r r r		Ω. •	6.1	•	7.8		40 40	Ň	9.4
14 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* 0 * U	929	1576	n 1987.	9	.859.	10 (1) 8	-112	387
		929	576	987.		259.	40 (1)	12.	387
ECO	* 0 * M * 8	I #929	1576	n 1987.	9	.859.		s A *112*	* * * * 80 00 80 10 10 10 10 10 10 10 10 10 10 10 10 10
****	* Oi	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # CD 00 88	* * * * * * * * * * * * * * * * * * *	60 60 60 60 60 60 60 60 60 60 60 60 60 6	7 * 10 3 * 9 * 4 4 * 8 * 112	****
****	* Oi	4 4 4 01 4 4 4 01 4 4 4 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1	5.9 * CH 1.9 * DP 510 * 11575	10.9 x CRD 50.0 x 61 273 x 61	0.9 * C8RD 3.6 * DP 709 * :2098	1.000 1.000	75.7 * 88 12.0 *	6.7 * 18 8.3 * 3.4 544 * 3.112.	# # # 4 0 0 0 4 0 0 0
****	* Oi	15 15 15 15 15 15 15 15 15 15 15 15 15 1	MS:9 * CH 16:0 * DP 16:0 * 1076	20 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0.9 * C8RD 5 23.6 * 0P 1709 * +2098	4 MO.00 * T.S. M.S. M.S. A * T.S. M.S. A * T.S. M.S. A * T.S. M.S. A * M.S.	4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 16.7 * 18 5 32.3 * 9A 544 * 8A	2 00 00 00 00 00 00 00 00 00 00 00 00 00
****	* O * O * O * O * O * O * O * O * O * O	550°4 # C 553°7 # OI 914 # 8929	MS.9 * CH 1.9 * DP 1610 * 11576	1.9 x CRD 45.0 x 61 8273 x 61	0.9 * CSRU 23.6 * DP 1709 * *2098	MO.00 A TO.00 M.	27"7 * 8 2000 * 07 269 * 82	16.7 * 18 32.3 * SA 544 * *112.	# # # 4000 4000 4000
E	K K K K K K K K K K K K K K K K K K K	* * O O O O O O O O O O O O O O O O O O	1	2 34 1.9 4 CAD CA 95 45.0 4 61	* 34 0.9 * C8RD VE* 95 23.6 * 0P * 1709 * :2098	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	### ### ### ####
E	RAFARRER REPRESENTATION OF THE PROPERTY OF THE	15 15 15 15 15 15 15 15 15 15 15 15 15 1	* 45 WS.9 * CH 45 WS.9 * 15 WS.9	2	# 4 0.9 # C8RD # 95 23.6 # 0P	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	# 4 16.7 # 168 RUN # 95 MR. 4 # 188 MAC # # 188 MAC # # 188.8	* * * * * * * * * * * * * * * * * * *
E	RAFARRER REPRESENTATION OF THE PROPERTY OF THE	# MS M9 4 # C # MI	# WUN WEGO # CH # 1050 # CH # 1050 # CH # 1050 # # 11070	2	# 34 0.9 # C8RD PIVER 95 23.6 # 0P # 1709 # *2098	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	# 4 16.7 # 168 RUN # 95 MR. 4 # 188 MAC # # 188 MAC # # 188.8	* * * * * * * * * * * * * * * * * * *
E	RAFARRER REPRESENTATION OF THE PROPERTY OF THE	# MS M9 4 # C # M1	# WUN WEGO # CH # 1050 # CH # 1050 # CH # 1050 # # 11070	80564 A 34 1.9 A CRD 80564 CA 95 45.0 A 61	# 34 0.9 # C8RD PIVER 95 23.6 # 0P # 1709 # *2098	# 34 30.0 * CS # 34 30.0 * CS # 36.0 * IS # 36.0 * # 825.9	CREEK # 44 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 34 16.7 # 18 RED RUN # 95 M2.0 # 8.4 State # 11.2.	* * * * * * * * * * * * * * * * * * *
E	RAFARRER REPRESENTATION OF THE PROPERTY OF THE	# MS M9 4 # C # M1	# WUN WEGO # CH # 1050 # CH # 1050 # CH # 1050 # # 11070	2	# 34 0.9 # C8RD PIVER 95 23.6 # 0P # 1709 # *2098	# 34 30.0 * CS # 34 30.0 * CS # 36.0 * IS # 36.0 * # 825.9	CREEK # 44 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 34 16.7 # 18 RED RUN # 95 M2.0 # 8.4 State # 11.2.	* * * * * * * * * * * * * * * * * * *
E	RAFARRER REPRESENTATION OF THE PROPERTY OF THE	* 35 59.4 * C ILLINOIS RIVER 94 513.7 * SI * 929	# WUN WEGO # CH # 1050 # CH # 1050 # CH # 1050 # # 11070	2	1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7 34 47 7 4 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	# 4 16.7 # 168 RUN # 95 MR. 4 # 188 MAC # # 188 MAC # # 188.8	* * * * * * * * * * * * * * * * * * *
E	RAFARRER REPRESENTATION OF THE PROPERTY OF THE	# MS M9 4 # C # M1	# WUN WEGO # CH # 1050 # CH # 1050 # CH # 1050 # # 11070	2	# 34 0.9 # C8RD PIVER 95 23.6 # 0P # 1709 # *2098	# 34 30.0 # C.E.AR 30.66 C C 96 21.64 # 169 # 16	7 34 47 7 4 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	# 34 16.7 # 18 RED RUN # 95 M2.0 # 8.4 State # 11.2.	* * * * * * * * * * * * * * * * * * *
E	RAFARRER REPRESENTATION OF THE PROPERTY OF THE	LAKE * 35 59 4 4 C ILLINDIS RIVE* 94 53.7 4 SI * 934 4 8929	FERRY LAKE * 35 US.9 * CH ILLINDIS RIVE* 95 1.9 * DP * 1610 * * 1876	RESERVOIR A BUSGY CR 95 45.0 A GI	E KIAKICHI DIVEK 95 25.09 & CSRC CRC CRC CRC CRC CRC CRC CRC CRC CR	# 34 30.0 # C.E.AR 30.66 C C 96 21.64 # 169 # 16	7 34 47 7 4 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	* 34 16.7 * 18 BEEP ARD RUN * 98 M2.8 * 8A S44 * 5112.	* * * * * * * * * * * * * * * * * * *
E	THE PERSON OF TH	LAKE * 35 59 4 4 C ILLINDIS RIVE* 94 53.7 4 SI * 934 4 8929	FERRY LAKE * 35 US.9 * CH ILLINDIS RIVE* 95 1.9 * DP * 1610 * * 1876	RESERVOIR	(E KIAMICHI RIVER 95 23.6 * UP 1709 * 1709 * 18098	# 34 30.0 # C.E.AR 30.66 C C 96 21.64 # 169 # 16	7 34 47 7 4 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	# 34 16.7 * IS # 34 16.7 * IS BEEP RED RUN * 98 M2.3 * 8A # 544 * *112.	* * * * * * * * * * * * * * * * * * *
E	THE PERSON OF TH	LAKE * 35 59 4 4 C ILLINDIS RIVE* 94 53.7 4 SI * 934 4 8929	FERRY LAKE * 35 US.9 * CH ILLINDIS RIVE* 95 1.9 * DP * 1610 * * 1876	RESERVOIR	(E KIAMICHI RIVER 95 23.6 * UP 1709 * 1709 * 18098	* 34 30.0 * CS * 34 30.0 * CS	7 34 47 7 4 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	# 34 16.7 * IS # 34 16.7 * IS BEEP RED RUN * 98 M2.3 * 8A # 544 * *112.	* * * * * * * * * * * * * * * * * * *
E	THE PERSON OF TH	LAKE * 35 59 4 4 C ILLINDIS RIVE* 94 53.7 4 SI * 934 4 8929	FERRY LAKE * 35 US.9 * CH ILLINDIS RIVE* 95 1.9 * DP * 1610 * * 1876	RESERVOIR	(E KIAMICHI RIVER 95 23.6 * UP 1709 * 1709 * 18098	* 34 30.0 * CS * 34 30.0 * CS	7 34 47 7 4 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	# 34 16.7 * IS # 34 16.7 * IS BEEP RED RUN * 98 M2.3 * 8A # 544 * *112.	* * * * * * * * * * * * * * * * * * *
T	THE COLUMN TO THE TAX TO THE TAX	TAHLEGUAH LAKE * 35 59.4 * C CHEROKEE ILLINOIS RIVE* 94 53.7 * SI BURRC * 914 * *929	# WUN WEGO # CH # 1050 # CH # 1050 # CH # 1050 # # 11070	L RESERVOIR * 34 1.9 * CRD * 34 1.9 * CRD * HUDOV BOSGY CR 95 4550 * 61 * R273 * 11987.	KIANICHI DIVER 95 23.6 4 C8RD A 1709 4 62098	LAKE TARBOGGY C# 96 21.04 # IS # 1899.	CREEK # 44 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	DEFET THE TELL TO THE TO THE TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TELL TO THE TEL	* * * * * * * * * * * * * * * * * * *
T	THE COLUMN TO TH	* TAHLEGUAH LAKE * 35 59.4 * C * CHEPOKEE ILLINDIS RIVE* 94 53.7 * SI * BURFC * 914 * * 929	* TENKILLER FERRY LAKE * 35 35.9 * CH * CHEROKEE ILLINGIS RIVE* 95 1.9 * DP * DARN SWI * 1510 * * 1576 *	A BOSWELL REGERVOIR A 34 1.99 A CROAT CHOCYAN TUDOV BOSGY CA 95 45.0 A 61 61 61 61 61 61 61 61 61 61 61 61 61	* MACHICANE TANICHI RIVER 95 23.6 * CRRD * CHOCTAM KIAMICHI RIVER 95 23.6 * CR098 * CR098	* TUPELO LAKE * 14 MO.O * CS * COA! CALO CLEAR BOGGY C* 96 21.4 * IS * DAEN SWT * W80 * * 2559.*	* ELLSWORTH * 34 47,57 * 8 * COMANCHE CACEK * 98 22,00 * DP * CITY OF LAWTON * * 249 * * * * * * * * * * * * * * * * * * *	* CONTETOWN DEEP RED RUN * 96 32.3 * 8A * BUREC * 564 * * 112.	* * * * * * * * * * * * * * * * * * *
T	THE COLUMN TO TH	* TAHLEGUAH LAKE * 35 59.4 * C * CHEPOKEE ILLINDIS RIVE* 94 53.7 * SI * BURFC * 914 * *929	* TENKILLER FERRY LAKE * 35 35.9 * CH * CHEROKEE ILLINGIS RIVE* 95 1.9 * DP * DARN SWI * 1510 * * 1576 *	A BOSWELL REGERVOIR A 34 1.99 A CROAT CHOCYAN TUDOV BOSGY CA 95 45.0 A 61 61 61 61 61 61 61 61 61 61 61 61 61	* MACHICANE TANICHI RIVER 95 23.6 * CRRD * CHOCTAM KIAMICHI RIVER 95 23.6 * CR098 * CR098	* TUPELO LAKE * 14 MO.O * CS * COA! CALO CLEAR BOGGY C* 96 21.4 * IS * DAEN SWT * W80 * * 2559.*	* ELLSWORTH * 34 47,57 * 8 * COMANCHE CACEK * 98 22,00 * DP * CITY OF LAWTON * * 249 * * * * * * * * * * * * * * * * * * *	* CONTETOWN DEEP RED RUN * 96 32.3 * 8A * BUREC * 564 * * 112.	* * * * * * * * * * * * * * * * * * *
E	THE COLUMN TO TH	* TAHLEGUAH LAKE * 35 59.4 * C * CHEPOKEE ILLINDIS RIVE* 94 53.7 * SI * BURFC * 914 * *929	* TENKILLER FERRY LAKE * 35 35.9 * CH * CHEROKEE ILLINGIS RIVE* 95 1.9 * DP * DARN SWI * 1510 * * 1576 *	A BOSWELL REGERVOIR A 34 1.99 A CROAT CHOCYAN TUDOV BOSGY CA 95 45.0 A 61 61 61 61 61 61 61 61 61 61 61 61 61	* MACHICANE TANICHI RIVER 95 23.6 * CRRD * CHOCTAM KIAMICHI RIVER 95 23.6 * CR098 * CR098	* TUPELO LAKE * 14 MO.O * CS * COA! CALO CLEAR BOGGY C* 96 21.4 * IS * DAEN SWT * W80 * * 2559.*	* ELLSWORTH * 34 47,57 * 8 * COMANCHE CACEK * 98 22,00 * DP * CITY OF LAWTON * * 249 * * * * * * * * * * * * * * * * * * *	* CONTETOWN DEEP RED RUN * 96 32.3 * 8A * BUREC * 564 * * 112.	* * * * * * * * * * * * * * * * * * *
A DAIMARY CONTRACTOR C	THE COLUMN TO TH	* TAHLEGUAH LAKE * 35 59.4 * C * CHEPOKEE ILLINDIS RIVE* 94 53.7 * SI * BURFC * 914 * *929	* TENKILLER FERRY LAKE * 35 35.9 * CH * CHEROKEE ILLINGIS RIVE* 95 1.9 * DP * DARN SWI * 1510 * * 1576 *	A BOSWELL REGERVOIR A 34 1.99 A CROAT CHOCYAN TUDOV BOSGY CA 95 45.0 A 61 61 61 61 61 61 61 61 61 61 61 61 61	* MACHICANE TANICHI RIVER 95 23.6 * CRRD * CHOCTAM KIAMICHI RIVER 95 23.6 * CR098 * CR098	* TUPELO LAKE * 14 MO.O * CS * COA! CALO CLEAR BOGGY C* 96 21.4 * IS * DAEN SWT * W80 * * 2559.*	* ELLSWORTH * 34 47,57 * 8 * COMANCHE CACEK * 98 22,00 * DP * CITY OF LAWTON * * 249 * * * * * * * * * * * * * * * * * * *	* CONTETOWN DEEP RED RUN * 96 32.3 * 8A * BUREC * 564 * * 112.	* * * * * * * * * * * * * * * * * * *
T	SANDON TO THE TANDER OF THE TA	A TAHLEGUAH LAKE + 35 59.4 + C + CHEPOKEE ILLINDIS RIVER 94 53.7 + SI I + BURFC + 91.4 + 1929	A TENKILLER FERRY LAKE A 35 35,9 * CH 1 * CHEFOKEE ILLINOIS RIVE* 95 1,9 * DP 1 * DAFN SWT 1510 * 1510 * 1510 *	A BOSWELL REGERVOIR A 109 A CROSS A CHOCTAN AUDOV BOSG CA 95 450 A 61 61 61 61 61 61 61 61 61 61 61 61 61	A HUGO LAKE A MA O.9 * CORD SO CHOCTAM KIANICHI DIVER 95 23.6 * 0P T T * DAEN SWT * 1709 * 12098	* TUPPLO LAKE * TO TO A GO.O * CS * COA! CLEAR BOGGY C* 96 21.4 4 IS * COA! * DAEN SET * WBO * * * 2559.*	4 ELLSWORTH + A 34 47,7 + 8. 9 + ELLSWORTH CACHE CREEK + 98 22,0 + 0P I + CITV OF LAWTON + + 5269 + + +26	T4460 * COOKIETOWN	187 # TEMPLE

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.58

TV DEP DE CODE FILE STATUS	ACCOR CODE & COOR & COOR & COOR & COOR & COOR & ACCOR & ACCORD & ACCOR	Σ		CO MENDER OF MEN	* * * * *	F 6 6 6 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	**************************************	101. CAP. (AE) (AE) (AE) (AE) (AE) (AE)	# # H N C C S S S S S S S S S S S S S S S S S	(8 000)	# ERC NOVECCUONIC FRC CUMPOSITE * (GEOUENCE RANK) * (ONDIENCE RANK)
A WARANA A WARANA WARAN	**************************************	* 1.		* 0 0 0 0 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0	* CF	****	* 0000 * 000	****	*000	**************************************	などでは、1991年である。 「他は他な女性を女性を女性を女性を女性を女性を女性を女性を女性を女性を女性を女性を女性を女
CKCSWTOSSE DK10408	* EUCHA LAKE * DELAWARE * CIT* OF THLSA	* * * * * * * * * * * * * * * * * * *	W Q	4 . V 4 . V 10 0	****		114000	C S S S S S S S S S S S S S S S S S S S	0 m m		** 1033 ** 1038 ** 103
OKESHTONNI DKUDIAA S DRC I	NOEL RESERVOIR VOELAMARE VOELA SET	ELK PIVER	M 00	87 P	* * * * *	* * * * * * * * * * * * * * * * * * *	M 80 W 10 W 10 O O 10 O O	* * * * * * * * * * * * * * * * * * *	OH BING	* * * * * * * * * * * * * * * * * * *	
0K63WT4485 0KU0719 5 0RC D	SID DELAHARE BUREC	(W Q.	010 ↔ 010 ↔ 0.04 HJ	. * * * * *	1 * * * * * * * * * * * * * * * * * * *	110.0 150000 78.9	000	00101		* * * * * *
0K68WT4495 0KU0730 8 0RC D	TALDGA DEWEY BUREC	ANADHAN NHCHA	M G.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * *	# # # # # M M M M M	120°0 776000 88°9	O m m	Onin	10616	
DK69WT4470 DKU0704 S DRC D:	HENNEDEN GARVIN BUREC	WILDHORSE CR * *	WQ 4 F	M 4 M 4 M 4 M 4 M 4 M 4 M 4 M 4 M 4 M 4	* * * * *	187.4	96.0 76.00 78.9	000		6176a4 2246160	****
OK6SWT4458 DKU0702 S ORC D	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	4 0	1 M M M M M M M M M M M M M M M M M M M	* * * * * *	100 00 00 00 00 00 00 00 00 00 00 00 00	60 5 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	© ਜਾਜ 	OMM	121704 121709 121709	*****
DK6SWT4496 WD DKU0731 WD DRC D DRC D DRC D DRC D MRC D	TRICO GREER BUREC	NODTH FORK OF A **	th or m or	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		** * * *	120.0 7.7.9	000	000	14529	
DK68W14469 * OKUO703 *	HEADRICK JACKSON BUREC	HEADRICK N FORK OF REDABUREC *	W Q	N + 100 0 + 1		00 00 00 4 4 4 4 24	9000	aoc		00	

DATE 1S FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.58 PABLE 1

A Y BOOK A Y	* * * * * * * * * *	*****	****	****		****	****	1030	20 00 00 00 00 00 00 00 00 00 00 00 00 0
	K 化 彩 在 存 在 存 在 存 在 存 在 存 在 存 在 存 在 存 在 存 在							1029	1017
# 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************	**** OPPOPE	E S R R R	* * * * *	FREE E	4073.7 # 3044210 #	**** MINGOPPOPPOPPOPPOPPOPPOPPOPPOPPOPPOPPOPPOPP	400 400 400 400 400 400 400 400 400 400	00 CO CO CO CO CO CO CO CO CO CO CO CO CO C
< W 4 4 4 6 7 7 7 7 7 7 7 7 7		****		000	000	0 et et et	****	10 10 10 10 10 10 10 10 10 10 10 10 10 1	
CONTRACT	* * * *	000		****	000	000	000		201100 11100 11100
****	#####################################	0000 0000 0000 0000 0000 0000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6 00 0 00 00 00 00 00 00 00 00 00 00 00	7 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # 0 0 m 0 0 m
A + + + + + + + + + + + + + + + + + + +		# # # # # # # # # # # # # # # # # # #	TC	es 4	100 pp p	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	### ##################################	0.00 0.00 1.121.9 4.44.4	NGR 0P 0P #26735.0*
	200 200 200 200 200 200 200 200 200 200	98 11. 98 11. 98 0.0 98 0.0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 24 25 26 26 26 26 26 26	36 99 17 17 18 18 18	4 III 0 UI 00 4 UI 00 5 UI 00	0.84 0.84 0.94 0.90 0.90	44 44 64 64 64 64 64 64	
Σ	SALT FORK OF	RESERVOIR N BEAVER CREEK 1	MASSITTA ATTIVES	MILL CREEK	A A A A A A A A A A A A A A A A A A A	SAINES CREEK	BRAZIL CREEK	POTEAU RIVER	* * DOMAYD LOOK + DAM * CHEFLORE ARKANGAS RIVE*
TO NOTE TRANSPORCE NAME OF STREET OF	AANA CACKON CON CON CON CON CON CON CON CON CON C	WAURIKA RESER Jefferson Daen swi	DURWGOD LAKE JOHNSTON DAEN	RAVTA JOHNWION BUREC	AL 710 115 KIDWA 115 USA	HIGGINS LATIMER BUREC	BRAZIL LAKE Le flore Daen swt	EISTER LAKE	W. D. MAYD LOCK LE FLORE DAEN SWT
# # # # # # # # # # # # # # # # # # #	0 X 6 0 X 1 4 4 4 4 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# DKCSW10346 # # DK203106 # # # UCD 11 # # # # # # # # # # # # # # # # # #	# 7400144 # 74000144 # 100	DK68W14482 * CK00716 * S DRC D * *	TACOSMIONIO A CKORSTON A CKORSTON A CKORSTON A K I DRC I A K	0X608H144472 # 0XU0106 # # 0XU0106 # # # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# 0K60W10379 # # 0KU0300 # # W 9CP I # # # # # # # # # # # # # # # # # #	DKCGWT0388 * DK10315 * C DK10315 * C	* DKASET4284 * DK10305 * * DK10305 * *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.38

### ##################################	# * * * * * * * * * * * * * * * * * * *	***		°	1093 1093 1093			****	
ANUL DAN FUEL DOS FUELS COS (1000 G)	**************************************	3461.4		0.4 60 50 50 50 60 60	MW 844 844 844 844 844 844 844 844 844 84	4 W W W W W W W W W W W W W W W W W W W	G Ø	167 1824 184 186	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
SOUNCE STORY	# # # # # # # # # # # # # # # # # # #	0	246980	11.00.14 11.00.14 266421	7250	90977	11 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * O M M	在 在 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 - 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
* * * * * * * * * * * * * * * * * * *	# O O O	000	1000001	90000 170108 860108	44 W	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100000	11 12 12 12 12 12 12 12 12 12 12 12 12 1	0 17 10 10 10 10 10 10 10 10 10 10 10 10 10
# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NO 00 00 00 00 00 00 00 00 00 00 00 00 00	80 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	176°0 x x x x x x x x x x x x x x x x x x x
* 0. G (**************************************	Ø Ø	70 07 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	# # # # # # # # # # # # # # # # # # #	HC 81 *1167*2		THE SHAPE	# # # # # # # # # # # # # # # # # # #
*									* * * * *
**************************************	**************************************	0.4 0.7 0.7 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	36 14 95 11 5 34 11 5 34 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	36 28 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M D. 40 RU W U/1.24 C 80 D.	34 16 9 94 39 9 669	944 410 410 410 410 410 410 410 410 410 4	33 94 46 1190	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
A T T T T T T T T T T T T T T T T T T T	SASANANANANANANANANANANANANANANANANANAN	NAVINA TOTTONNOOD CR4 91 27 8 BURRC COTTONNOOD CR4 97 27 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	110	5 28. 5 18.	νο ηυ Μ. υτ 4. * • • Ο	4 39. 66	BROKEN BOW LAKE MCCIRTAIN MOUNTAIN FORK* 94 41.	IDAREL LAKE ** 33 35. ** 43 55. ** 45 45. ** 45 5. ** 45	7 # 7 #

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.59

# EHCXX	1029			1 5 F F F		्र ३ स स्टू			
######################################	1027 1027 1027 1027 1027								
*****	****	****	****	***	****	****	****	****	****
100 AT	# # # # # # # # # # # # # # # # # # #	12275 618 30	00	3 1 3 4 4 9 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9	10089	00	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7801 PB 1179 PB	1227
*****	****	***** Omm	****	01010	ON 80	****	****	****	****
### ##################################	# # # # # # # # # # # # # # # # # # #	90 00 0 00 0 00 0 00	19463C		17464	209890		6 10 0 10 0 10 0	80 RU 11 RU 10 RU
***	# 0000 # 044 # 044 # 044 # 044	37 47 60 60 60 60 60 60 60 60 60 60 60 60 60	00006	ONN	1010	00000	000	66 64 64 64 64 64 64 64 64 64 64 64 64 6	21.00 21.00
# HHH # HH # HHH # HHH # HHH # HH # H #	# el el # # # #				44	•			2 12 12 12 12 12 12 12 12 12 12 12 12 12
	* * * * *	000	000	000		****	****	* * * * *	00M
* OX B C	* 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0	1981	11.4.0 5000000 82.9	4 44 44 44 44 44 44 44 44 44 44 44 44 4	*0 * 2 N 9 4 N P	100°0 76000° 88	04 04 04 04 04 04 04 04 04	4 000 004	67000 MW
*****	* * * * *	****	****	****	****	* * * * *	****	4 * * * *	4 * * *
**************************************	* C C C C C C C C C C C C C C C C C C C	5. 5. 5.	10	ç	75 75 75 75	77 Q Q Q Q	80	= 356	* * * * * * * * * * * * * * * * * * *
* 7) - 4 * 0 to * 0t * 0t	* 0 0 * 0 0 *		N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 C	2001	Z 0 T	øn ₩	r m	E 1
**	# # * * * * *	****	****	****	****	****	****	± 60 * * * * * *	***
**	# # * * * * *	# # # # # O IV IVI	100 100 100 100 100 100 100 100 100 100	25.66 26 26 26 26 26 26 26 26 26 26 26 26 2	3 M M M M M M M M M M M M M M M M M M M	* * * * * * * * * * * * * * * * * * *	****	· H	***
**	# # * * * * *		10.73 10.73	****	****	# # # # # # # # # # # # # # # # # # #	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2000 * * * * *	M M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
** LATITUDE * * * * LATITUDE * * * LONGITUDE * * LONGITUDE * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	#	000 000 000 000 000 000 000 000 000 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
**************************************	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# 33 10°5 # CO	* * * * *	4 WS 466.9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# WS W4.9 # NI # PO	00000000000000000000000000000000000000	X WUS US US A X X X X X X X X X X X X X X X X X X	A MUS MA A A C A MUS A A A C A MUS A A A C A A A A A A A A A A A A A A A
**************************************	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# 33 10°5 # CO	CREEK + + + + + + + + + + + + + + + + + +	4 WS 466.9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# WS W4.9 # NI # PO	BEAR CR* 97 22.0.9 * 1	X WUS US US A X X X X X X X X X X X X X X X X X X	A MUS MA A A C A MUS A A A C A MUS A A A C A A A A A A A A A A A A A A A
**************************************	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	1	CREEK + + + + + + + + + + + + + + + + + +	* * * * * * * * * * * * * * * * * * *	# DAM # WS W4 PAC + 1N # 0-4 WS W4 WA WA WA 1N # 0-7 WW # # MAC + 11 # WWO 10 # # # # # # # # # # # # # # # # # #	BEAR CR* 97 22.0.9 * 1	A WIS US O B II	A MUS MA A A C A MUS A A A C A MUS A A A C A A A A A A A A A A A A A A A
**************************************	# # # # # # # # # # # # # # # # # # #	A O WEST ARE A STATE OF A STATE O	CANADIAN RIVER 95 R1.87 # OP	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A CLOSAN A CONTRA CONTR	# DAM # WS W4 PAC + 1N # 0-4 WS W4 WA WA WA 1N # 0-7 WW # # MAC + 11 # WWO 10 # # # # # # # # # # # # # # # # # #	# 36 20.9 # 19LACK BEAR CR# 97 22.0 # 1	A WIS US O B II	A MUS MA A A C A MUS A A A C A MUS A A A C A A A A A A A A A A A A A A A
**************************************	# # # # # # # # # # # # # # # # # # #	A O WEST ARE A STATE OF A STATE O	AKE CANADIAN RIVER 95 E1.7 # OP	108 RUCK CREEK * 94 25.6 * 1.55 * 1.26 * 1.2	A CLOSAN A CONTRA CONTR	ALLS LOCK + DAM + MS M4.9 + NH ARKANSAS RIVER 95 9.9 + OP	# 36 20.9 # 19LACK BEAR CR# 97 22.0 # 1	A MS M9.0 A TING	A MUS MA A A C A MUS A A A C A MUS A A A C A A A A A A A A A A A A A A A
**************************************	# # # # # # # # # # # # # # # # # # #	A O WEST ARE A STATE OF A STATE O	AKE CANADIAN RIVER 95 E1.7 # OP	108 RUCK CREEK * 94 25.6 * 1.55 * 1.26 * 1.2	A CLOSAN A CONTRA CONTR	ALLS LOCK + DAM + MS M4.9 + NH ARKANSAS RIVER 95 9.9 + OP	BEAR LAKE * 36 20.9 * BLACK BEAR CR* 97 22.0 * I	A MS M9.0 A TING	A MUS MA A A C A MUS A A A C A MUS A A A C A A A A A A A A A A A A A A A
**************************************	######################################	SHERWOOD LAKE A MCCURTAIN FORKA 94 42.5 F 10	CANADIAN RIVER 95 R1.87 # OP	ARBHCKLE 108 * 34 25.6 * MURRAY ROCK CREEK * 97 1.55 * USA * 1.26 *	4 WS 466.9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	WEBBERS FALLS LOCK + DAM * MS M4.9 * NH MUSKOGEE ARKANDAG RIVER 9% 9.9 * OP DAEN GRE * 970WW * +1	BLACK BEAP LAKE * 36 20.9 * NDBIE DAEN SWT * 36 20.9 *	MELERITA PROFESCOLO N. CANADIAN R. 96 11.0 4 TO DARCE OFFICE N. CANADIAN R. 96 11.0 4 WILL DARCEST N. CANADIAN R. 96 11.0 4 WILL DARCEST N. CANADIAN R. 96 11.0 4 WILL DARCEST N. CANADIAN R. 9100 4	A MUS MA A A C A MUS A A A C A MUS A A A C A A A A A A A A A A A A A A A
**************************************	WARANAMANAMANAMANAMANAMANAMANAMANAMANAMAN	A GHERADOD LAKE A GUNTAIN FORKA 94 AUG 100 A CON A MCCURTAIN MOUNTAIN FORKA 94 400 A CON A A C	* BUTAULA LAKE * 33 10.5 * CONTINUA RIVER 95 21.7 * OPEN ONT * 47522 * *	* ARBUCKLE 108 * 34 25.6 * * MURRAY ROCK CREEK * 97 1.55 * * * USA * 1.26 * 1.26 * 1.2	A TAPT RESERVOIR A TARANOAS RIVER 95 BUS 46.94 A TARANOAS RIVER 95 BUS.94 A TUBLO A TU	* WEBBERS FALLS LOCK + DAM * WS W4.9 * NH * MUSKOGEE ARKANGAG RIVER 995 9.9 * OP * OP * OAEN GET * 970WW * * *	* BLACK BEAP LAKE * 36 20.9 * TANDBIE * 9LACK BEAR CR* 97 22.0 * TANDBIE * DAEN SWT * 237 *	A MELERITA DEGRAVOID A MUSICA DO SA TA SA OSTIGOREM N. CANADIAN DA 96 11.0 A 91 11.0 A	A MUS MA A A C A MUS A A A C A MUS A A A C A A A A A A A A A A A A A A A
**************************************	WARANAMANAMANAMANAMANAMANAMANAMANAMANAMAN	A GHERADOD LAKE A GUNTAIN FORKA 94 AUG 100 A CON A MCCURTAIN MOUNTAIN FORKA 94 400 A CON A A C	* BUTAULA LAKE * 33 10.5 * CONTINUA RIVER 95 21.7 * OPEN ONT * 47522 * *	* ARBUCKLE 108 * 34 25.6 * * MURRAY ROCK CREEK * 97 1.55 * * * USA * 1.26 * 1.26 * 1.2	A TAPT RESERVOIR A TARANOAS RIVER 95 BUS 46.94 A TARANOAS RIVER 95 BUS.94 A TUBLO A TU	* WEBBERS FALLS LOCK + DAM * WS W4.9 * NH * MUSKOGEE ARKANGAG RIVER 995 9.9 * OP * OP * OAEN GET * 970WW * * *	* BLACK BEAP LAKE * 36 20.9 * TANDBIE * 9LACK BEAR CR* 97 22.0 * TANDBIE * DAEN SWT * 237 *	A MELERITA DEGRAVOID A MUSICA DO SA TA SA OSTIGOREM N. CANADIAN DA 96 11.0 A 91 11.0 A	A MUS MA A A C A MUS A A A C A MUS A A A C A A A A A A A A A A A A A A A
**************************************	######################################	A MERMODO LAKE A MCCURTAIN FORKA 94 400 B HG A DARN A DARN A DARN A DARN A SAN A A	AKE CANADIAN RIVER 95 E1.7 # OP	425 * ARBUCKLE 108 * 34 25.6 * 01 * MURRAY ROCK CREEK * 97 1.55 * 1 * USA * 1.26 *	A TAPT RESERVOIR A MUSKUGEE ARKANSAS RIVER 95 MW-9 A A DAEN SWT	* WEBBERS FALLS LOCK + DAM * WS W4.9 * NH * MUSKUGEE ARKANDAG RIVER 9% 9.9 * OP * OP * OAEN GEE * \$1000 * * * *	* BLACK BEAP LAKE * 36 20.9 * TANDBIE * 9LACK BEAR CR* 97 22.0 * TANDBIE * DAEN SWT * 237 *	A MELERITA DEGRAVOID A MUSICA DO SA TA SA OSTIGOREM N. CANADIAN DA 96 11.0 A 91 11.0 A	* MELTY RESERVOIR * 35 30°0 * 4 OKFLOKER DERP FORK CANA 96 24°51 * 14091 *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.59 PAGE 188 OF TABLE 1

ECONDES C	在	****	****	****		****	1018	
A*************************************	名 名 名 名 名 名 名 名 名 名 名 名 名 名 名 名 名 る	00	14820	6923179	3208.7	11039		3202 6 6 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
*		00 *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		000	OMM	5.3553 5.3553 5.3553 194677 194677	000
**		000	9 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	000	000	000	11 15 15 15 15 15 15 15 15 15 15 15 15 1	
A C T C T C T C T C T C T C T C T C T C		77 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #		# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	2	100000
A TALLANA A TALL		%	08 T 08 T 4 9 2 1 . 1	E COLL	CON TO THE TO THE TO THE		00 00 00 00 00 00 00 00 00 00 00 00 00	00
# # # # # # # # # # # # # # # # # # #		35 46 189 189 4	65 W W W W W W W W W W W W W W W W W W W	200 200 200 200 200 200 200 200 200 200	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	M G M M M M M M M M M M M M M M M M M M	80 80 80 80 80 80 80 80 80 80 80 80 80 8	* * * * * * * * * * * * * * * * * * *
* * *	ENDICES NOTH CANADIANT OF CITY	A SECTION OF SECTION O	######################################	SIRO CREEK	CAND C CREEK * * * * *	CANEY RIVER **	**************************************	*
* * * * * * * * * * * * * * * * * * * *	**************************************	NUYAKA RESERVOIR Okmilgee Daen-sht	OKMILGEE RESERVOIR OKMILGEE OAEN SWY	AVANT RESERVOIR OSAGE DAEN SWT	CANDY RESERVOIR DSARE DAEN SET	HULAH LAKE OSARE Daen swi	KAN RESERVOID OSADE DAEN SWT KEYSTONE LAKE DOSADE DAEN SWT	THE CHARACTER OF THE CH
* * * * * * * * * * * * * * * * * * *	* * * * * * *	# UK6SWT0438 # UKU0146 # # S ORA U # #	* OKEON TO A * OKE	** OK68WT0443 ** ** OKU0009 ** ** SCP I **	# UKU0040 # # UKU0040 # # # UKU0040 # # # # # # # # # # # # # # # # # #	** OKCSWT0458 * ** OK10312 * * S SCP I *	## CKCOKTOCEO	**************************************

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,18,59 PABLE 1

MARCHAR SANGER S	* * * * * * * * * * * * * * * * * * *	*****	*******	***************************************	
* 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	在 在 在 在 在 在 在 在 在 在			2038	023 1023 1023 1028
***	*******	*****	*****	*****	*****
***	24444444444444444444444444444444444444	80 80 80 80 80 80	36. 15. 16. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	88 88 88 88 88 88 88 88 88 88 88 88 88	20 00 00 00 00 00 00 00 00 00 00 00 00 0
* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	. N. M.
* * * * * * * * * * * * * * * * * * *		444 0 000 0 000 0 000	*******		**************************************
*****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		**************************************		ທີ ຄື ເ
	2	# # # # # # # # # # # # # # # # # # #	C IN IN		en er i
######################################	********** ********* ********* ******	- C	48 48 48 48 48 48 48 48 48 48 48 48 48 4	4	40 00 40 40 40 40 40 40 40 40 40 40 40 4
* * * * * * *	* M O	MO.	*****	MO MO ********	MO MO 4
* *	* * *	KIAMICHI RIVE	JACKFORK CRE CEDAR CREEK	ILE CREE ICHI RIV	AAKE KIAMICHI RIVE VERDIGRIS RIV
ARANAWAYAYAYAYAYAYAYAYAYAYAYAYAYAYAYAYAYAY	MANANAMANAMANAMANAMANAMANAMANAMANAMANAM		A STATE A STAT	DAEN DUGHMATAHA DUGHMATAHA DAEN TUSKAHDMA DEGERCOIR DUGHMATAHA DAEN GWAT	
**************************************	**************************************	0 X 6 8 8 4 7 0 4 7 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0 X C S M + O X C	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *

DATE 15 FEB 81 NATIONAL MYDROELECTRIC POWER STUDY TIME 01.18.59 PAGE 190 OF TABLE 1

FM P ID NO *	AXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	* × ×	* * * * * * * * * * * * * * * * * * *	TUDE *	**************************************	ARRESERVA E PE ESCOLS E OCOLONIA E OCOL	A A A A A A A A A A A A A A A A A A A	**************************************	* + 500	# W
074 DEP * 00E CODE * FILE * 01ATUS	T C C C C C C C C C C C C C C C C C C C		CO M.	M M M M M M M M M M M M M M M M M M M	_	PER HD * (PT) * (AC FT) *		# (1000 # (1000 # (221) # (6/12) # (6/12) # (521) # (521) #	67	* (DESCRIPTION TO THE STATE OF
**************************************	A*************************************	* W * >	* * * * * * * * * * * * * * * * * * *	# D N D	######################################	** ****** * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0	# # # # # # # # # # # # # # # # # # #	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #
3 C C C C C C C C C C C C C C C C C C C	DATAMA AEGENVOIDA ATTENDED VOIDA AGEN GEN ACC	DRIH CANADIA	36 40 101	0.6		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	000	W + 10 M	
DKASWT4282 # DK10303 # S DRC D #	CHDHTEAU LOCK . WAGONER DAEN SWT	+ DAM VERDIGRIS RIV	ម្ចាស់ ម្ចាស់ ស្រួស ស្រង ស្រួស ស្រួស ស្រួស ស្រង ស្រង ស្រង ស្រង ស្រង ស្រង ស្រង ស្រ	27.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M	· ० ल ल	000	80 6 ° 98	
OKISSHOSHS X COKISSHOSHS X COKISSHS X COKISSHS X COKISSHS X X X COKISSHS X X COKISS	FORT SIBSON LAKE WAGONER Daen swit	AE GRAND DIVER	20 20 20 20 20 20 20 20 20 20 20 20 20 2	660	TO D	110.0 17864400 61.55 # #	4 N N N O O U W O W W	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00 to 00 to 00 to 00 to 00 to	ċ
DKASWT4201 # DK10 WORD DRC DR	NRWT GRAHAM LOCK + DAM WAGONER VERDIGR DAEN SWT	> I 21	Mac on mor	6 6 0	* * * * * * * * * * * * * * * * * * *	1000 1000 1000 1000 1000 1000 1000 100	0		37. 77	
DKCSSTCSSSC CKUCOSSS A A GCO B C C C C C C C C C C C C C C C C C C C	COPAN REGERCOIN VASCINGTON DAEN SET	TITLE CANEY		M 0 II		W W W W W W W W W W W W W W W W W W W	000	000	ស ១.៣ ១.៣ ១.២ ១.២	
0K6SWT4477 # 0KU0711 # 5 DRC D #	MOUNTAIN VIEW Washita Burec	HASHITA RIVER	N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M O IS	00 × 00 × 00 × 00 × 00 × 00 × 00 × 00	M 64 44 600 6 8 60 6	044 90 90 044	本 本 本 本 O O M M M M M M M M M M M M M M	40 40 40 40 40 40 40 40 40 40 40 40 40 4	
0K68WT44555 # 0KU0689 9 #	* OK6SWT4455 * ALVA * OKU0689 * WONDS * OKU0689 * WONDS	- 40	* * * * * 0 cc	55.6 41.8	# # # # # # # # # # # # # # # # # # #	114.0 4.14.0 8.44.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8	000	* * * *	6 1 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	

8 C A L E DEVELOPMENT S A L L AOOITIONAL N O 9. 32 CAPACITY NIAL 33 1-10 04 HYDROELECTRIC PHYSICAL

Z
•
(3
œ
0
u.
0
_
ш
1-
~
,
90
i.i
I
1
z
_

10 MM
CENTRY NOTES AND CONTRACTORS NOTES AND C
1
1
1
13 **
*

OFVELOPERNT ADDITIONAL 8 0 0 N 0 F N R C × 9 9 8 is. N A STATE POTENTIAL CAPACITY I PHYSICAL z H HYDROELECTRIC

	٧	4	4		; ; ;	•					₹ -	0					* * *
				MM C)	* * * * *	表 記 数 k k k	K	* (1) * (1)			* * * * * * * * * * * * * * * * * * *	* 171 * 701 * 2 * 4	***	* * * * * * * * * * * * * * * * * * * *	* * * * *	* * * * * * * * * * * * * * * * * * *	** * * * * ** ** ** ** ** ** **
K # # # # 5 W ⊬	**** 931 HZ	A T A S A S A S A S A S A S A S A S A S	* F & G & F & C & G & F & C & G & F & G & G	PONTE CAN	* H C C C C C C C C C C C C C C C C C C		# X X X X X X X X X X X X X X X X X X X	* B E C + C +	*****	* F F & F & F & F & F & F & F & F & F &	* * * X & X & X & X & X & X & X & X & X	* Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	******	PUNDER PER CHENCE WAS CAREN	101AL* 101AL* 1008*
0 10		010 1004 1004	K		* * * * * * * * * * * * * * * * * * *	R R R R R R R R R R R R R R R R R R R		* * * * * * * * * * * * * * * * * * *		K 00 K K	* 000	1 • •	* * * * * * * * * * * * * * * * * * *	#	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
6	* * * * * * * * * * * * * * * * * * *	* 0.0 		K 2	2 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	K 1000		*	K 47 20 M 4	k 0 + 1	* 000 (* 62	* 00	#	* * * * * * * * * * * * * * * * * * *
	* * * * * * * * * * * * * * * * * * *	**************************************		* 010 + 1	k i	* * * * * * * * * * * * * * * * * * *	K 80 H H K 80 H H K 80 H H K 80 H K 8 K 8 K 8 K 8 K 8 K 8 K 8 K 8 K 8 K	k	, vo.	K M.G.	k 40 en	* 00	* 000 * 000 * 000	* M & * M & *	* ~ & &	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
00 1	A A A A A A A A A A A A A A A A A A A	4			t 1	6 06 06 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	K + W + W + W + W + W + W + W + W + W +		* * * * * * * * * * * * * * * * * * *	k 10 45 4	* 0b * 40 * 0b0		# UNU #	* 400	4 W Z Z	* 30 10	# M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	*	* * * * * * * * * * * * * * * * * * *	K	7		K 00 00 1 K 00 00 1 K 00 00 1 K 00 00 1	K 1000 1	K - 500	K 0100 1	* 610 + * 010 + * 01/10 +	x 0.013 x → 00 M	2 - W.C.	* 0.40 * 0.40 * 0.40	* 9%	* 00	* 400	# 0 0 0 # 0 0 0 # 10 0 0 # # # # # # #
	222	# # # # # # # # # # # # # # # # # # #	ISTING DITIONAL DEVELOP	EXISTING HYDROPOWER DE ADDITIONAL POTENTIAL A	. A + A - A - A - A - A - A - A - A - A -	N			2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	עט י		1 8 P P P P P P P P P P P P P P P P P P	A GIVEN TEND OI VERY TEND OI VE	A SERVICE OF THE SERV	* CO C C C C C C C C C C C C C C C C C C	MAN C AND AMATT)	* * * * * * * * * * * * * * * * * * *

DATE 14 PES SI NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29932 PAGE 190 OF TABLE 1

COST A FRAC RCONDAICS COSTS FRAC CONFOSTINS A CORDURATE NANN A	*************************	****	****						
RNEGABANCE COST RESCARRENCE COST RESCARRENCE COST A (1000 &)	# # # # # # # # # # # # # # # # # # #	6 W 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8	346.28	74 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ស ស ស ស ស ១ ស ១ ស ១ ស	7467.6 1198.8	Ö Ö	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	107.80
ANNING GENERAL STATES COOKS ANNING GENERAL STATES AND	有名字 () 4 () 6 () 6 () 6 () 6 () 6 () 6 () 7 (# # # # # O O O O O O O O O O O O O O O	24 24 28 000 24 24 24	****** 0 9 9 900 900	10 10 10 10 10 10 10 10 10 10 10 10 10 1	# # # # # O O O M M M M M M M		60 6	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	## 100 100 100 100 100 100 100 100 100 1	0 m m	OP M RR RR RR	000	作をまませ の例的 心の他 のの かか	* * * * * O 00 00 O 00 O 00 O 00 O 00	non F + F + F		1000 1000 1000 1000 1000 1000 1000 100
XX		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	310°0 4770°0 449°4 444°4	1000 1000 1000 1000 1000 1000	****	* * * * * * * * * * * * * * * * * * *	4 4 4 9 0 0 M
**************************************		11 80 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TH SO	118 100 100 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	H W W W W W W W W W W W W W W W W W W W	# # # # # # # # # # # # # # # # # # #	8H 00P 1000	11 8 11 11 11 11 11 11 11 11 11 11 11 11	# # # # # # # # # # # # # # # # # # #
***	# # O O O O M I	117 40°0 **	44 US 0 4 4 117 90 U 4 4 117 90 U 4 4 117 117 117 117 117 117 117 117 117	44 32°W 4	44 W W W W W W W W W W W W W W W W W W	44 34° 8 8 117 28° C 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 + + + + + + + + + + + + + + + + + + +	44 03.0 117 13.0 14 10.0 14 10.0
35	ATABLE CANYON ATABLE CANYON POWDER PICER	POWDER RIVER	TINE CAREE THE TENT OF THE TEN	SUSTA TYRES	BURNT RIVER	SURN-I PIVER	# CREEK CREEK	M M M M M M M M M M M M M M M M M M M	CREEK EAGLE CREEK *
o.	BIG TIMBER CANYON BOND BOND BOND BOND BOND BOND BOND BO	00 00 00 00 00 00 00 00 00 00 00 00 00	Z & A C C C C C C C C C C C C C C C C C C	DARK CANYON BAKER	DEER CREEK SAKER	OURKE BAKER BREER BREER	GOODRICH DAM BAKER CITY OF BAKER	HALFER A	* ORSNPWO390 * LOWER EAGLE CREEK * ORHO042 * BAKFR EAGLE CREEK * S ORC I *
ACT DEP ** CODE ** COD	DR6NPEGGGG	ORUGORY A S ORC II A	CRUDOLOGIA *	GRENPWOS98 * ORUGOS9 * ORUGOS9 * ORUGOS9 * ORG I *	DR7NPW0397 # GRU0049 # 5 DRC I # 8	086NPW0396 * * 08U0048 * * 5 08U * 1 * 1	ORHNPWO404 * OROOS74 * OPC I *	085NPW0400 ** 08100052 ** 5 08C 1 **	DRSNPWOS90 * ORLOOPS *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,32 PABLE 1

**************************************	在 数	****	* * * *	****	**************************************	* * * *	有 4 位 8 位 :	银银 信 宏 安	(K (S)
******* *C 00 00 0 *C 00 00 0 *C 00 00 0				****	****	****	***	***	* * * * *
######################################	# # # # # # # # # # # # # # # # # # #	726.71 81.71	747 30 130 46	cc	2 6 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	87	1367 47 • 55 6 13 6 13 6 13 6 13 6 13 6 13 6 13 6	194 92
**************************************		0 60 44 44 0 40 0 40 0 40 0 40 0 40 0 40		4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # O W	**** OPM ST MT MT MT MT MT	O 4 4 4 4 4 4 4	() (2
# D		* * * * * O == == == == == == N N	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	7 7 20 0 24 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		000	8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	4 C C E E E E E E E E E E E E E E E E E
# # # # # # # # # # # # # # # # # # #	100001 100001 1000001 1000001	0.00 0.00 0.00 0.00 0.00	10 00 00 00 00 00 00 00 00 00 00 00 00 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M 4000 W	N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M W G G G G G G G G G G G G G G G G G G	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2000 2000 3000 3000 4000 4000
######################################		TH SOUN OO OO OO	* * * * * O O M U U	1100 1100 1100 1100 1100 1100 1100 110	1180 1180 1180 1180 1180	H 00 0 11 1 0 0 0 11 0 0 0 0 11 0 0 0 11 0 0 0 11 0 0 0 11 0 0 0 0 11 0	# # # # # 0 0 0 0 0 0	* * * * * O N N N	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
# # # # # # # # # # # # # # # # # # #	* 11.7 U.O. 6 * * * * * * * * * * * * * * * * * *	44 47.9 4 4 417 11.9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 44 45°0 * * 117 12°0 * * * 117 12°0 * * * * 118°0 * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 44 85.0 * * 117 39.9 * * 1021 *	4 4 4 6 6 4 4 4 6 6 4 4 4 6 6 4 4 4 6 6 6 4 4 4 6 6 6 4 4 4 6 6 6 4 4 4 6 6 6 4 4 4 6 6 6 4 4 4 4 6 6 6 4 4 4 4 6 6 6 4 4 4 4 6 6 6 4 4 4 4 6 6 6 4 4 4 4 6 6 6 4 4 4 4 6 6 6 4 4 4 4 6 6 6 4 4 4 4 6 6 6 4 4 4 4 6 6 6 4 4 4 4 6 6 6 4 4 4 4 6 6 6 6 4 4 4 4 6 6 6 6 4 4 4 6 6 6 6 4 4 4 6 6 6 6 4 4 4 6 6 6 6 4 4 4 6 6 6 6 4 4 4 6 6 6 6 6 4 4 6 6 6 6 6 4 4 6	110 110 x x x x x x x x x x x x x x x x	* * * * * * * * * * * * * * * * * * *	4 4 34 3 4 123 24 0
· -	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	EAGLE CREEK	PONDER RIVER	ROCK CREEK	POWDER RIVER	DAM POWDER RIVER	BURNT RIVER	RAPIDS PINE CREEK	MARYS RIVER
**************************************	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	NEW BRIDGE BAKER	RICHLAND	ROCK CREEK BAKER CAL PAC UTIL	SALT CREEK BAKER	THIEF VALLEY DAM BAKER DOI USBR	NULTY DAM BAKER DOI USBR	A NEW TONOR AND A NEW TONOR AN	2000 2000 2000 2000 2000 2000 2000 200
75	# 10 C C C C C C C C C C C C C C C C C C	T CRUNDWOODS T T CRUOCAL T T T CRUCOAL T T T CRUCOAL T T T T CRUCOAL T T T T T T T T T T T T T T T T T T T	TOWNS AND THE CONTRACT AND CONT	SENCE OF A SECOND SECON	A DRANDMOMOM A DRANDMOMOM A DRUGO45	T DRCNPHOROGOR T T T DRC ND T T T DRC ND T T T T T T T T T T T T T T T T T T	# GRCNPWO407 : GRO0593 : F S DRC I	A DRSNPWD399	* ORCOS * NOON MARYS RIVES * ORCOS 1 *

DATE 14 FEB &1 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,32 PABLE 1

** (BUTEL) * (BUTELENCE TANK) *	**************************************	* * * * * * * * * * * * * * * * * * *	10000000000000000000000000000000000000	2000 2000 2000 2000 2000 2000 2000 200	* * * * * * * * * * * * * * * * * * *	# # A A A A A A A A A A A A A A A A A A	*******	** * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
TINC. ENERGY & CASH CASH CASH CASH CASH CASH CASH CASH	**************************************	9600	N. R. 60 80 0.00 0.44	19732	26100	6400 0044 0004	0 0 0 0 0 0 0	50 3 3 0 0 50 3 3 0 0 50 3 3 0 0	4 4 Nu Nu 90 00 00 00
THU CKE CKE CKE CKE CKE CKE CKE CKE CKE CKE	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			(* * * * * * * * * * * * * * * * * * *		000	11 11 11 11 11 11 11 11 11 11 11 11 11	114900 114900 1149000 1149000	6 60 60 60 60 60 60 60 60 60 60 60 60 60
(FT) * (F	# # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	112. 4750. 111. 4450.	110 mm	2000 2000 2000 2000 4 4 4 4 4	11 11 11 11 11 11 11 11 11 11 11 11 11		916000 916000 916000 944	# # # # 000000 00000 00000 00000 00000
AVE. G	# # # # # # # # # # # # # # # # # # #	1C 1S 1SO.04	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	CI 201	3. H 30 H 44 H 0. O	# * # Z * 0 0 0 0	8 E E E E E E E E E E E E E E E E E E E	* * * C * C * C * C * C * C * C * C * C	# # # # # # # # # # # # # # # # # # #
CONSTTUDE A CO Man) A CO Man) A CO Man) A		44 W W W W W W W W W W W W W W W W W W	44 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	44 44.7 123 26.4 * * 78 * * 78 * * * 78 * * * * * * * *	44 46 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	45 26.8 * 122 8.7 * 102 * *	12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	45 12.0 ** 122 13.4 * 685 **
-	AND THE STATE OF T	* TOW TOW TOWNS	CROOKED CREEK * * * *	MAR-430 ATT VERN 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	MOLALLA RIVERA	CREEK BLAZED ALDER *	N DAM NUMBER 2 ** AS BULL RUN RIVE* PORTLAND **	CLACKAMAS RIV**	* ORTOPPOO49 * CLIFF * ORUG539 * CLACKAMAS CLACKAMAS RIV*
PRIMARY CO	MAN	HEN-TON	UDP DRUG412 BENTON	20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	BEE RANCH Clackamas	BLAJED ALDER Clackamas	BULL RUN DAM NUMBER CLACKAMAS BULL CITY OF PORTLAND	CARVER CLACKAMAS	CL IFF CL ACKAMAS
7M 1 10 NG * ACTV DEP * CODE CODE * FILE * ATATUS *	* * * C O O O O O O O O O O O O O O O O	087NPP0006 * 08U0706 * 5	084NPPD003 * 08U0412 * 5 DFC I *	DR6NPP2766 # GRU0919 # 5 DRC I #	ORANPPOOA2 ** ORUO518 * S DFC I *	DRENPPOOLS # DRUO147 # S DFC I #	DRCNPPOOST # DROOST # CROOST # CROOST	DRGNPPOOLS * ORUGISS * 6 DFC D *	087NPP0049 * 0RU0539 * 6 DRC D *

CATE 14 FEB 81 NATIONAL HYDRÓELECTRIC POWER STUDY TIME 22,29,33

*REXION" BENEGRANDL. COST *PRO GONDAUC **INC. ENERGY*ENERGY COST* BRO CONFOUNTER *TOT. ENERGY* COSTS * BRO CONFOUNTER * (XXX) * (1000 6) * (OFFOURCE NANK) * * (XXX) * (6/MXX) * (OFFOURCE NANK) *	化低溶性化物性化物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物物	****	****	****	****	****	****	***	***
4 LOOOL) 4 LOOOL) 4 COOL) 5 COOL) 5 COOL)	**************************************	V(4) (V) 4) 4 4 4 4 4	20 00 00 00 00 00 00 00 00 00 00 00 00 0	0.00 4.00 0.00 0.00 0.00 0.00 0.00 0.00	********	4 4 4 4 4	200 200 200 200 200 200 200	00 00 00 00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00 00 00 00
A * * * * * * * * * * * * * * * * * * *			* * * * * O NI NI M M © O O O O	#### 000 99 M 000 90 M 000	10 00 00 00 00 00 00 00 00 00 00 00 00 0	10 10 10 10 10 10 10 10 10 10 10 10 10 1	44 0000 000 0000	0000 0000 0000 0000	120100 # # # # # # # # # # # # # # # # # #
00 0 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				44 000 da	24 0000 4 4 4 4 6 0000 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	27000 27000 27000 27000	* * * * * * * * * * * * * * * * * * *	7.0000 7.6000 7.6000
*****	## ## ## ## ## ## ## ## ## ## ## ## ##	24 64 0 40 0 40 0 40 0 40 0 40 0 40 0 40	00000000000000000000000000000000000000	N N N N N N N N N N N N N N N N N N N	6 00 00 00 00 00 00 00 00 00 00 00 00 00	*****	7 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	70004 70004 00000 4 4 5 4 4	0 00 0 00 0
AVE O	* * * * * * * * * * * * * * * * * * *	# # C.O.O.O.U.	######################################	2 H 80 ON 80 ON 84 C S	T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # 0 0 1	* * * * * * * * * * * * * * * * * * *	TH CO 30 10 10 4 4 4 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
CATITUDE DNGITUDE DRAREA CD M.M. CD M.M. CD M.M.	* * * * * * * * * * * * * * * * * * *	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	45 8.0 122 32.7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100 00 00 00 00 00 00 00 00 00 00 00 00	45 16.1 122 19.0 *	43 19.9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	45 9.6 122 8.6 479 8.4	455 0.00 1.00 1.00 1.00 1.00 1.00 1.00 1.	2.00 00 00 00 00 00 00 00 00 00 00 00 00
*****	**************************************	# MOLALLA RIVER# #	MULALLA RIVER*	EAGLE CREEK/C*	CLACKAMAS RIVA AL ELECT.	CLEAR CREEK	CLACKAMASS RIV**	MOLALLA RIVERA	* (OAK GROVE DIV* CLACKAMAS RIV* AL ELECT. *
FM 2 ID NO * PRIMARY CONAME OF STREAM ACTV DEP * OWNER OF STREAM CODE CODE * STREAM STATUS * STATUS *	**************************************	D T CK EV CL A CK A M A S	DICKEY BRIDGE Clackahas	EAGLE CREEK CLACKAMAS	FARADAY DAM Clackamas Portland General	FISCHERS MILL CLACKAMAS	FTSH CREEK Clackamas	FOUR HUNDRED CLACKAMAS	FROG LAKE DAM (DAK GROVE D Clackamas Portland general elect.
FM 2 ID NO * ACTV DEP * CODE CODE * FILE COE*	A COULCE A A COULCE OR A COULCE OR A COULCE OR A COULCE OR A A COULCE OR A CO	A ORSONPROOLS & CORDOLTS & CORDOL	* DR10269 * CRU0269 * * 5 DRC D'* *	* ORUG177 * ORUG177 * S OFC D *	* ORIOPSO63 * OROOSS1 * * OFC I *	*	* ORSNPP0031 * ORUGESO * 6 OFC E * *	*	A ORHNPPOCEO A A GROOSAA A A OFF OFF OFF

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,33 PAGE 194 OF TABLE 1

* ACT	TALMANT CO	Σ	* FLONGITUDE * CO * AREA (O M N) * (OO M N) * (OO M N)	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* (PL) *	TEEN CONTRACTOR OF CONTRACTOR		CHAMAS COST	TINCE ENERGY + ENERGY COOK A MAN CONTROL OF
	**************************************	**************************************	*	* S * T M * * * * * *	# # # # # # # # # # # # # # # # # # #	44444444444444444444444444444444444444	2007000 2007000 2007000 2007000 2007000 2007000	**************************************	
ORSNPPOOSO ORUO657 S DRC D	HENRY CREEK CLACKAMAS:	ZIGZAG RIVER	4 4 5 20 5 4 4 1 2 1 2 1 2 4 5 9 1 4 4 5 1	O O O O O O O O O O O O O O O O O O O	000 000 000 000 000 000 000 000 000 00	44 00 60 00 00 00 00 00 00 00 00 00 00 00		0 m 4 m 8 m 1	
ORGNPPOOS6 ** ORODZ37 ** 6 DFC I **	* LAKE DOSEGO O * CLACKAMAG * LAKE DOSEGO O	CORP HYDRO OSWEGO CREEK CORPGRATION	45 24.6 122 39.8 11200	10 0 0 0 0	4444 4444 4444	10 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		
RJNPP0059 x 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* LAKE ROSLYN D * CLACKAMAS * PORTLAND GENE	** CLACKAMAS SANDY R.OPFSTA PORTLAND GENERAL ELECTRIC **	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 10 14 14 14 14 14 14 14 14 14 14 14 14 14	**************************************	#### 0000 0100 0100	141000 **	Θ Θ	
08108084 * 0810808 * 6 0810 0810 0810 0810 0810 0810 0810 08	LINNEY	SAL KON RIVERS	NU N	0 si	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.886 000 000 000 000 000 000 000 000 000	11 12 12 12 12 12 12 12 12 12 12 12 12 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
086NPP2742 * * 08U0862 * * 0FC E * *	LOWER AUSTIN	POHNT CLACKAMAS RIV*	182 187 182 184	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	10034000 10034000 10034000	44 NN NN NN NN NN NN NN NN NN NN NN NN N		
0R4NPP0010 * 0RU0114 * 6 DEC 0 *	LOWER CLACKAMAS	AS CLACKAMAG RICK	122 25.4 122 26.0	* * * C * C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	72000 7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
087NPP0009 * 08U0109 * 6 0FC I *	LOWER CLACKAMAS/CLEAR CLACKAMAS CLACKAN	AS CLEAR CREEK * CLACKAMAS RIV*	100 RG 4	****	# # # # # # # # # # # # # # # # # # #	* * * * * C C C C C C C C C C C C C C C	44 WW 000 000 * 4 4 4	00 00 00 00 00 00 00 00 00 00 00 00 00	
ORSNPPOORS * ORUGEOT * 6	MARMOT	DRSNPPODGG A MARMOT ORUGEOT & CLACKAMAS SANDV RIVER &	45 20 6.4 122 6.4 262	# # # # # # # # # # # # # # # # # # #	4 4 4 4 6 6 6 0 0 4 4 4 4 4 4 4 4 4 4 4	M W C C C C C C C C C C C C C C C C C C		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.33 PAGE 195 OF TABLE 1

FW I IO NO A	A FM 2 ID NO A PRIMARY CO. ANAME TO NO A PRIMARY CO. ANAME OF STREAM A ACT. OF A MANAME OF STREAM	* * *	LATITUDE LONGITUDE DR.AREA	0 4 6 MCM 4 4 XX 4 WCM 4 WCM 4 WCM 4 WCM 4 A XX 4 WCM 4 A XX 4 A	* OF T X X X X X X X X X X X X X X X X X X	# EXH CAN CAN TO		10 1 0 1 0 1 0 0 0 0 0 1 0 1 0 0 0 0 0	ANUL. COST	AFRO ROUNDATO * FRO NONFOONDATO * FRO COMPONIAN
15		. * * *	(D M.M)	CFS)	* (FT) * (AC FT) * (FT)	***		CARE	(1000 8) (8/EEH)	* (MEH) * (1000 8) * (SEQUENCE RANK) * (MEH) * (S/WH) * (SEQUENCE RANK) * (MEGUENCE RANK) *
ORINPPOOSE :	医克里氏试验检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检检	6 教授教授教授教授教授教授教授教授教授教授教授教授教授教育教育教育教育	女子女女女女女女女女女女女女女女女女 计二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十	· 我们的现在分词,	***	*****	***	***********	907.83	中海水平海水平水平水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水
0800550 v	F CLACKAHAS	CLACKAMAS RIVA	122 16.9	Q.	210	1881	*	19608 *	46.299	#
S DRC I	* PORTLAND GENERAL ELECT	AL ELECT *	665	* 2675.0	145.1	* 5231	*	219060 *		*
-		*		•	*	*	*	*		#
		*	L	4 -	5	* +	* 4	* *	į	*
	A NOTATE TO A TANK A TA	**************************************	- n n n n n n n n n n n n n n n n n n n		0000 MM	4800	* *	167000 *	40.00	K da
OFC R			6.	* 676.0	* 289.	4800	*	167000 *	•	
-		*		*	*	*	* 1	*		*
		****	ŭ	⊒ * *	<		• •	• •	9	
NCOCYTON NCOCYTON	TO THE SEVENCE OF THE SERVICES OF THE SEVENCE OF TH	A CONTRACTOR DE LA LA CONTRACTOR DE LA C	0 00	<i>U</i> ; E ►	* *	* 2177	* *	162426 *		. •
6 DRC E			306	1070,01	359	* 2177	*	6242		
	*	#		*		*	*	*		*
	*	*			i		*	*		*
DRENPPOOS1 A	* NOWHERE MEADOWS (RESERVOIR)		4.5	ECO.	2	*	# ·	1	so.	
ç	* CLACKAMAS	CLACKAMAS ATVA		4	C 1/1 *	109400	* 1	# 000 M	NI .	•
0 240		*	0	0.0001 *)#f0" #	• •	2		* 4
		1941年			* 4	z 4				* 1
- FROCOGNESO	* OLD MATO FLAT		ď	I	0.08	t -1x	*	0	100	: 3
0RU0683	* CLACKAMAS	SANDY RIVER *	22 53	40 H	* 270	306(* 05	19533 #	4	
S DRC 0		*		.0.08	. 669	306	* 05	ę.		*
=-	*	*		*	*	*	*	*		*
	*	*	,	·	42 42	*	* ·	*		*
DR6NPPOO11	* PELKEY	*	000	E C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P	# +	* i	1000	* 1
1000134	Deservation a	* 4114106	0 0 U	10 CE	F 1		3 16	* *	*	
	k +	F +		j U	. 1	. 4	•			
-								t 4		
CROCOGGNAGO	TO TO COMPER		0	.	\$95°C	* *	*	•		. 4
0800438	# CLACKANAS	MOLALLA RIVERA	122 28	SI +	132000	1.1	01.*	67452 *	97.939	*
5 080	***		o	. 540 a	ru:	* 2110	# 10	2		*
! !	· *	*		*	*		*	*		*
	*	*		*	*	*	#			*
DRINPPOD64	* RIVER MILL DAM		5 17.	X.	# 0 m	19050	* 00	104500 *	467.23	ě
GR00552	* CLACKAMAS	CLACKAMAS RIVA	2	d 0	ê	* 40(*	•	1,63	*
2 DFC I	* PORTLAND GENERAL	AL ELECT *		* 2700.0	* 73.	* 230°	* 00	610		*
	*	*		*	*	*	*	*		*
	*	*		*	*	*	*	*		*
DRSNPP0037	* SHELLPOOK (HIG	(HIGH ROCK)	S	I.	* 25°0	*	*	*	1700.3	*
0450	* CLACKAMAS	DAK GROVE FOR	121	8.L	900	* 67.56	36 #	* NO. 10 P.	28.750	•
					F					

ACTV ID NO CODE CODE CODE STILE STATUS	*****	-	* CO * * CO * * CO * * * *	AVE. 0 APER. 10. A (P1) A (ACF1) A (ACF1) A (ACF1)	** (TT) ** (TT	HHO DHO CASA A G CASA CASA CASA CASA CASA CASA CASA CAS	TANDOO CELLO CONTRACTOR CASE CONTRACTOR CASE CASE CASE CASE CASE CASE CASE CASE	25 CC	TAY TO CONTROL TO CONT
A STANDARD	* * * * * *	ACACACACACACACACACACACACACACACACACACAC	**************************************	本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	2	in o	我你有谁我就是你你看你我们我们 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化
DRGNPPODO7	* SULLIVAN * CLACKAMAS WILLAMETTE * PORTLAND GENERAL ELE CO	MILLAMETTE RIN	182 21.9 ** 10100 **	TD	C 0 0 m	13.4 00.0 15.4 00.0		00	
ORENPP2793	* SWIMMING HOLE * CLACKAMAS	SWIMMING HOLE-BRANDY BRANCH & CLACKAMAS GANDY RIVERS &	45 27.0 **	* * * * * * * * * * * * * * * * * * *	6 0 40 0 0 40 0 0 0 40	14986		ୟ କ ପ୍ରଦ ଅଧିକ ଅଧିକ ଅଧିକ	***
ORENPPOOSS ORUGES OF THE ORUGE	* THREE HUNDRED * CLACKAMAS *	MOLALLA RIVER*	24	TI SI	444 0004 0004 0004 444	OM M 9 6 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	11168	
DRCNPPOOG1	* TIMOTHY LAKE DAM * CLACKAMAS DAK GROVE * PORTLAND GENERAL FLECT *	DAM DAK GROVE FOR* SPAL FLECT *	2	116.04	4 4 4 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	****
ORENPPOORS ORENOTES IN	* UDP ORUOSS4	24 20 20 31 31 31 31 31 31 31 31 31 31 31 31 31	125 127 127 120 130 130 130 130 130 130 130 130 130 13	T		44 86 00 00 000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	114.16	
DR6NPP0038 DRU0413	* UPPER AUSTIN CLACKAMAS	POINT COLLAMANH PIV*		TH 00 0 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 0000 00 00 00 00 00 00 00 00 00 00 0	20 40 20 40 20 40 20 40 20 40	* * * * * O	447744 444 446 446	
ORENPP2715 ORU0911	* UPPER PELKEY CLACKAMAS	MOLALLA RIVER*	2	T SO ONLY	M 100	96101		66 66 86 86 86 87	****
ORTNPPOOSE TO ORUGESS TO OFF TO OFF	* WELCHES * CLACKAMAS	A TRIVIA NOMIAO	45 15°0 *	* * * * C	M W W W W W W W W W W W W W W W W W W W	000	4 4 4 4	3677.9	

DATE 14 FEB BI NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,33 PAGE 197 OF TABLE 1

***	在我也有我们的,我们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们	*****	****			****	****	****	40000000000000000000000000000000000000
NUCL. COST	# O O	66	44. 44. 48. 60.	187.87	400 - 80 - 80 - 80 - 80 - 80 - 80 - 80 -	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2616.9 38.14.9	6828. 36.901	9090 8 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
######################################		0000	* * * * *	44 000 000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	44	* * * * * *	11 NO 00 00 00 00 00 00 00 00 00 00 00 00 00	1940000
# 0 0 3 3 3 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		11 11 00 00	44 000 000 000	000	N N N N N N N N N N N N N N N N N N N	0000	1000 PM	27000 27000 27000	# # # # # # # # # # # # # # # # # # #
* F C C C C C C C C C C C C C C C C C C		M 4 O 0 0 0 0 0 0 0 0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0		1600001 1600000 1340000	VI 4 ** NV 10 4 NV 0 4 O 0 6 ** **	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10000W WOOOOO WW WW WW	RICH # 150°0 # 150°0 # 100°0 #
* * * * * * * * * * * * * * * * * * *		TWO750.00	***************************************	120.04	# # # # # # # # # # # # # # # # # # #	****	**************************************	****	T 6 4
* C	* C * I O *	10 0 0	宝 异	8 H	I H	I H	IH	ı n	PICH IS 19
***	* I C) * * * * * * * . *	15 20.9 # # 122 36.7 # 0	45 100 9 9 4 1 100 100 100 100 100 100 100 100 100	46 4.7 * 8 123 31.00 * 13	45 51 51 51 51 51 51 51 51 51 51 51 51 51	24 44 26 64 00 00 44 00 00 44 4 4 4 4 4 4 4 4 4 4	450 27.0 # I	100 Min Wall Wall Wall Wall Wall Wall Wall Wal	* * * * *
**************************************	**************************************	15 20.9 # # 122 36.7 # 0	20.9 * # 1. 1.85.9 * # #	64 42 4 88 88 88 88 88 88 88 88 88 88 88 88 8	T 4 10° LR RELATION TO A 10° LR NOWN WAS A 10° LR RELATION TO THE	FIGHHAKK CREEK 120 100 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M 27°0 + T 4 0 4 T 4 4 4 T 4 4 M 4 T 4 M 4 M 4 M 4 M 4	M. W.	* * * * *
AT * * * * * * * * * * * * * * * * * * *	**************************************	10	# 4 40 200 9 4 # 4 40 200 9 4 # 4 40 200 10 10 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 46 4.7 * S CREEK * 123 31.0 * I	# 10°10°15°15°15°15°15°15°15°15°15°15°15°15°15°	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 450 47-0 4 T T T T T T T T T T T T T T T T T T	1 4 6 10 04 4 4 6 00 1 4 6 00 4 6 00 4 6 00 4 6 6 6 6 6 6 6 6	A CO COU DULY A CO

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.34 PAGE 198 OF TABLE 1

	######################################	4 M O O O O O O O O O O O O O O O O O O	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 0000 4 4 4 0000 4 4 4 0000 4 4 4 0000 4 4 4 0000 4 4 4 0000 4 4 4 4 0000 4	# 9 0 0 L CO # C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	71060 x 90.901 x 71060 x 90.901 x 4.900 x 90.901 x 4.9060 x 9.901 x 9.	# # # O O O O O O O O O O O O O O O O O	
TO CA	**************************************	4,000	0000	4 4 0 00 0 00	44 44 0 44 0 44	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4 4 0 0 0	0 0
STATUS * STATUS	# # # # # # # # # # # # # # # # # # #	# 0000 # NUMBOOO	4 10000 4 110000 8 1 1 00000 1 4 100	# O.WW.1 # D.W.2 P.W. P.W. # D.W.2 P.W. # D.W.2 P.W. # # # # # # # # # # # # # # # # # #	HCIRD * PSG-0 * 15	100.001 4 4 100.001 4 4 00.0001 4 4 00.001 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 0°691 # I	# 000001 # HU # 000001 # 81	* * * * * * * * * * * * * * * * * * *
CONSTRUCTION OF A STATEMENT OF A STA		40 47 9 * 123 37 9 *	12 12 12 12 12 12 12 12 12 12 12 12 12 1	45 47.9 120 13.9 4 4 0 4	4 W W W W W W W W W W W W W W W W W W W	42 45 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 m by 2 d 2 d en d 0 a 2 d 4 t t t	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 0 0 KG
3 E	A LANGUA CANANA	A ARA DIVERS	A ACENTER RIVERS A A SERVICE RAINER RIVERS A SERVICE RAINER RIVER RIVERS A SERVICE RAINER RIVER RIVERS A SERVICE RAINER RIVERS A SERVICE RAINER RIVERS A SERVICE RAINER RIVERS	T CLEAR CREEK TOURNA NEHALEM RIVERS	HILLICOMA RIVER	* * * * * * * * * * * * * * * * * * *	A * * * CO T T F CO Z	BREWSTER VALLEY#SITKUM LOWERNA CODS RAST FORK CODS	ALLEY (DIVERSION) * EAST FORK CODA
TANDUMONT A WANTED OF THE PROPERTY OF THE PROP	######################################	A STANDE RUN	A SOUNE CREEK A CLATSON	* ROCKY POINT * COLUMBIA	* ALLFGANY * CODS	A A A A A A A A A A A A A A A A A A A	BALD HILL CODS	2 BREE CODS	* BREWSTER VALLEY
* * * * * * * * * * * * * * * * * * *	# # O OFC O # #	** DR6NPPOOTS ** GRU0393	** ORENPPOOT4	** DR6NPPOO77	** DR6NPPOOS3 * TORU0282 * TORu02	** OR6NPP0079 ** OR10073 ** S OFC I	** OR6NPP0092 ** OR00427 ** S ORC I	* ORENPPOOSE * ORUGASO * S. OFC D.	# : 0R7NPP0093 + 0RU0429 *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,34 PAGE 199 OF TABLE 1

ARXIA+A+A+A+A+A+A+A+A+A+A+A+A+A+A+A+A+A+A+	10 张有信 在 我 张 信 信 在 信 信 信 信 信 信 信 信 信 信 信 信 信 信 信 信								
***	* * * * *	. 4 3: 4: 4: 4:	***					***	***
NUL COUNTING (1000 6)	# # # # # # # # # # # # # # # # # # #	N	5817. 76.85.	6448 108 •	1476.72 100.72	3934.0	1446.8 133.94	2364.1	の の の の の の の の の の の の の の の の の の の
******	***	***	***	****		***	****	****	
# W W W W W W W W W W W W W W W W W W W	## # # # # # # # # # # # # # # # # # #	24 9.95 8.96 0.44	67892	64300	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	43100 43100	10800	9 9 9	13700
* * * * * * * * * * * * * * * * * * *	# # O O O O O O O O O O O O O O O O O O	114	M M M M M M M M M M M M M M M M M M M	11 14 0 0 0 0 0	S S S S S S S S S S S S S S S S S S S	000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	3100
****	***	****	****	****	***	* * * * *	* * * * * *	***	***
* LOINEN	E C C C C C C C C C C C C C C C C C C C	0.00 0.00 0.00 0.00 0.00	0.000 0.000 0.000 0.000	250°0 150000 1999.8	M & →	195°C 368000 369°6	11 W 14 W	1800°0 1800°0 1800°0	M 7 M 7 M 7 M 7 M 7 M 7 M 7 M 7 M 7 M 7
# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	. * * * * *	4 * * * * *	* * * * *	*****	#### 0 1 0 1
AVE.	K 60	in.	1210,			**		, ø	_ g
* 0	* 91 * 90 * I H * * * * * * * * * * * * * * * * * * *	10 10 11		1 14	I M	I 20		 	
*	K 60	in.	ø2 ^{∞4}			**	T 4 0 07 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1	40.44.44.44.44.44.44.44.44.44.44.44.44.4
* LATITUDE * *LANGITUDE * * DR.AREA * * (D M.M.) * * (SQ.M.) *	20 10 0 10 0 10 0 10 0 10 0 10 0 10 0 1	102 24 4 10 4 10 4 10 10 10 10 10 10 10 10 10 10 10 10 10	11 W W W W W W W W W W W W W W W W W W	M	4 4 4 0 4 10 1 10 1 10 1 10 1 10 1 10 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10000000000000000000000000000000000000	20 00 00 00 00 00 00 00 00 00 00 00 00 0	# 42 44.4 # T
######################################	A A A A A A A A A A A A A A A A A A A	40 47°3 4 1 124 1 125 4 1 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M W W W W W W W W W W W W W W W W W W W	104 9°0 4 4 10 4 10 4 10 4 10 4 10 4 10 4 10	M 20° 4 B CH 84 B CH 8	20 00 00 00 00 00 00 00 00 00 00 00 00 0	I 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	1 4 2 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
**************************************	71 4 11 00 4 4 1 00 4 4 4 00 4 4 4 00 4 4 4 4	T 4 M0 4 T T T M M M M M M M M M M M M M M M M	# 44 P1.99 # T P1.99 # T P1.99 K CO* 123 Si6.99 # TS	T 43 9°0 X F T 43 9°0 X F 107 124 7°0 X H 14 M X F	# 43 26.4 # CH # 43 26.4 # CH # 123 56.0 # 18	# 43 26.4 # I FORK HIL* 124 58.0 # IS	# # 150 0 # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	14 1 02 1

A PART OF THE STANDARD OF THE STANDARD	SASSASSASSASSASSASSASSASSASSASSASSASSAS	######################################	# X	**************************************	######################################	* OF	A K A K A K K K K K K K K K K K K K K K	A SA	* 00 0	APPARABABABABABABABABABABABABABABABBABBABBA
* CODE CODE * FILE * STATUS *				(1 M. M. C) (1 M. M. C) (2 M. M. C) (2 M. M. C) (3 M. C) (3 M. C) (4 M. C)	(CFS)	* (FT) * * (AC FT) *			97	* (SEGUENCE RANK) * (SEGUENCE RANK) * (SEGUENCE RANK)
TORENDER TORENDE TOREN	COOS FLAS	ATT TEACH TO THE TANK	# # # # # # # # # # # # # # # # # # #	43 20 9 124 56 4	M		10000 16000 16000		**************************************	· 教育者 中華 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
## DR4NPP2728 # 5 DRU0873	MYRTLE CRE	CREEK, UPPER	# # # # # #	48 57.6 123 56.9	II IS IS O	*******	000 m m	* * * * * * *	在 在 在 在 在	
RENPPODS TO DEC DE	MYRTLE CRE	CREEK LOWER (MYRTLE CRE	**** 	124 0.0 174 0.0	8. S.		1400 1400	** * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
A CRSNPPOOBO	PANTHER CH	CREEK MIDDLE	7. 37. 7. 4. 4. 4. 4.	42 58.0 123 50.0 47	I I I S	. * * * * *	10800	4 4 4 4 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 4 4 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
# DR7NPP01155 # 5 DRC D #	0000 E E E E E E E E E E E E E E E E E	SOUTH FORK	7.00 XX 00 00 00 00 00 00 00 00 00 00 00 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	T	00000000000000000000000000000000000000	2 4 0 0 0 0 2 4 0 0	440 00 00 00 00 00	***********	
# OR6NPP0078 # ORU0068 # S OPC I #	ROCK CREEK COOS CREEK	а 20 3	C) (R) (M) (M) (M) (M) (M) (M) (M) (M) (M) (M	42 58 58 50 50 50 50 50 50 50 50 50 50 50 50 50	C 44	* * * * * * *	1	* * * * * * * * * * * * * * * * * * *		
2	SITCUM, UPPER	EAST	7007 COO 2 * * * * *	214 M M W W W W W W W W W W W	20 0 0 0 0		0000	000 000 200 200 200 200	* * * * * * * * * * * * * * * * * * *	
THENDERS TO THE	* SUGARLDAF MOUNTAIN * CODS	MOUNTAIN MIDDLE	7 8 7 0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	XI SO SO SO SO SO SO SO SO SO SO SO SO SO	* * * * * * * * * * * * * * * * * * *	70907	* * * * * * * * * * * * * * * * * * *	**************************************	
A CRANPOZYSO A TIDEMATER SCUTH FORK A ST DFC I A CODS	7 TOENATER COORS	**************************************	T 4	2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m	2 43 22.0 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		C C C 6	中国		

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.34 PAGE 201 OF TABLE 1

# # # # # # # # # # # # # # # # # # #	在在京都市场中的大型,在1900年中的大型。 在1900年中的大型市场中央市场中央市场中央市场中央市场中央市场中央市场中央市场市场市场市场市场市场				****				
FROM A STREET A STREE	** ** ** ** ** ** ** ** ** ** ** ** **	5657.7 30.366	000 000 000 000 000	6.5 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	000 m	200 200 200 200 200 200 200	2981.8 180.71		3718°7 441°74
A LOCAL A CLASS A CLAS	######################################	# # 000 6 # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *		0000		14 6 50 00 00 00 00 00 00 00 00 00 00 00 00	80 E0	60 60 41 41 0 60 60 4 4 4 4
** AXX ***********************************	# # # # # # # # # # # # # # # # # # #	44 0000 0000 0000	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	44	* * * * * * O II II O II II O II II O II II O II II	* * * * * 0 0 0 0 0 0 0 M M	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # 0 00 00 90 90 90 90 90 90 91 90 90 90 90 90 90 90 90 90 90 90 90 90 9
* E C C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	** 0000mm	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100 to 10	0.00	* * * * * * O.O.O.O.O.O.O.O.O.O.O.O.O.O.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		M 10000
**************************************	KARAKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	# # # # # # # # # # # # # # # # # # #	T S S S S S S S S S S S S S S S S S S S	# # 0°S 65	ERRER SO MO O TH	1CR ** 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	CI * 155.00 IS 337.00 107.8
A C C C C C C C C C C C C C C C C C C C	4 W 4 C C C C C C C C C C C C C C C C C	24 20 20 1 1 1 2 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3	44 7 1 1 1 1 4 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4	104 136 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MUM WW WW WW WW WW	120 46.8 * * * * * * * * * * * * * * * * * * *	44 16.1 120 5.9 *	44 17 9 4 1 120 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4
* E	TOON TORK SOUTH TORK OF	CREEK) SQUTH FORK CO*	**************************************	AIN SOUTH FORK CON	MAM TORK **	SOEMAN (PRINKVILLE RAKERAKED) RAVERD RAVERD RAVERD RAMANDER RAMAND	A SORK CON	0CHDCG CREEK * *	CROCKED RIVERS
THE STATE OF THE S		* TIDGA (FALL C	WEEKLY CREEK COOS	HURREY MOUNTAINS	12 P.C. NO 6.A.C. NO 6.A.C	ARTHUR R BOWN CROOK FOOT USBR	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	F DCHACD DAM F CROAK F DOI USBR	TORGENERGOST POST ORLORSO & CROCK ORLORSO & CROCK UI ORC II & CROCK
######################################	ORUO408	ORENPPODA9	ORENPP2762 ORUG915 S DFC I	086NPP0091	ORSNPPO116 PORUGYON S	ORCNPPO121	ORUGES DFC D	2802090 0800000 0800000 080 H	0R6NPP2801 * 0RU0889 * 8

ACTV DEP CODE CODE FILE STATUS			CO M.		**************************************	#### ################################	#	CECOO B)	COMPANY TRACTOR TO THE PROPERTY OF THE PROPERT
A WARREST A STATE OR OCCUPANT OR OFFICE A STATE OF OFFICE A STATE OFFICE A STATE OF OFFICE A STATE OF OFFICE A STATE OFFICE	**************************************	AKKEREKKKEEKEKKKKEEKKKEEKEKEEKEKEEKEKEE	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	######################################	# # 0000 mm	######################################	***************************************
ORENPPOISS ORUGAZS S ORC I	BEAVER CREEK CURRY	N N N N N N N N N N N N N N N N N N N	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T III 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2400 2000 3000 9000 9000 8400		4 4 4 4 6 0 0 0 0 0 0 0 0	3329.4 82.377	
ORENPPOLES ORUGI48 6 OFC D	BOULDER CREEK CURRY	CHETCO RIVER	42 16.9 124 3.0	# # # # # # # # # # # # # # # # # # #	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			800 - 000 100 - 000 100 - 000	
GRENPPOSOB A GRUDORS B	BUZZARDS ROOST CURRY	TILLINGIS RIVER	104 W W W W W W W W W W W W W W W W W W W	######################################	000 000 000 000 000 000 000 000 000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 6 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	13698	* * * * * *
DRSNPPO146 x ORUGESS 6 DFC D	CHETCO RIVER D	INTERMEDIATE (P* CHETCO RIVER *	42 14.8 124 7.5	110 00 00 00 00 00 00 00 00 00 00 00 00	4 4 4 4 0 0 0 0 0 0 0 0	44 000 000 000 000	400000	M C M M M M M	***
DRSNPPO150 DRU0635 S DFC D	CURRY CHETCH AIVER L	UPPER (CHETO R CHETO R * * CHETOO RIVER * * * * * * * * * * * * * * * * * * *	42 17 9 124 5 9	80 0 0 0 8 8 8 8 8 8	# # # # # 000 ° 90 ° 90 ° 90 ° 90 ° 90 ° 90 ° 90	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 to	
ORENPP2668 * ORU0634 * S	CHETCO RIVER L	CHETCO RICER	0.00 6.00 M M M 0.00 0.00 M M	3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TO ME TO	187821 187821 187821 4 4 4 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10863	***
CRENPPOLZS CRUCZ65 F DFC IX	CURRY CURRY	ROGUE AIVER	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1108001 1008001 100800	404 8004 8004 8004 000 000	7180000	31400000 31400000 31400000	27934 8.8962	****
DR4NPP0129 x DRU0268 x	CREW CANYON	ELCHRE CREEK	42 33.9 124 21.4	E # # 60	6 10 0 0 0 0 0 0 0 0 0 0	000	4 4 4 6 0 0 0	916.10	* * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,35 PAGE 203 OF TABLE 1

######################################	THE TREE TO THE TREE TREE TO THE TREE TREE TREE TREE TREE TREE TREE	4 0000 4 0 0000 4 00000 4 00000 4 000000	4 0 4 0 4 0 4 0 4 0 4 0 4 0 0 0 4 0 0 0 4 0 0 0 4 0 0 0 0 4 0	4 100 4 100 4 0 4 0 4 0 0 4 0 0 0 0 0 0	4 00 00 00 00 00 00 00 00 00 00 00 00 00	2200 # 9400 # 0 # 0 # 0 # 0 # 0 # 0 # 0 # 0 # 0	# M. W.	# 1 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
DOLLERS AND	**************************************	# 00.00 # # # 00.00 # # # 00.00 # # # 00.00 # # # #	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	C173	TCPIO # 70°0 # 11000°0 # 40°00 # 60°00	13	* 4 55°0 *
* * * * * * * * * * * * * * * * * * *	######################################	42 46.9 4 124 20.9 4 65 4	42 42.6 * 124 22.0 * 54 *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	20 20 20 20 20 20 20 20 20 20 20 20 20 2	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 000 000 000 000 000 000 000 000 00	42 55.0
TANKE TO TO CHARAM	ARRAGARARARARARARARARARARARARARARARARAR	ELEPHANT ROCK SIXES RIVER *	ELK RIVER, INTERMEDIATE ** CURRY ELK RIVER **	ELK RIVER, LOWER ELK RIVER **	ELK RIVER, UPPER CURRY ELK RIVER *	FLORAS CREEK FLORAG CREEK *	GOLD BEACH ROGUE RIVER A	LANALOIS FLORAS CREEK ** CURRY ** FLORAS CREEK **	*SUCH FORK FLORAS CREEK LOWER
FM 2 15 X1 X X X X X X X X X X X X X X X X X	07-17-17-17-17-17-17-17-17-17-17-17-17-17	ORGNPPO140 * ORUG431 * S OFC I *	# DR4NPP2684 # DRU0825 # S DRC I # #	0R6NPP2703 * .0RU0826 * S 0RC I *	DRENPP2777 ** ORUG922 * S OFC I *	# 084NPP0130 # 0RU0281 # 2 0FC I #	086NPP0123 08U0088 6 08C 184	ORTNPPO143 * ORUO453 * S	* PETOMANDO

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,35 PAGE 204 OF TABLE 1

# DWXX4									· · · · · · · · · · · · · · · · · · ·
* 30346.	E K K K								*
* HOZOWOZ!									* * *
* E Z C Z E E E									# #
# 25 BO									*
****	****	****	* * * * *	****	* * * *	****	****	****	* * * * *
#80 6£	10 . 10 .	144 0.360	N.W. 20.0 20.0 20.0 20.0		536.6 3.821			# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	67552 9.411 ****
**************************************	K W 4	30.	N. PO	9 4 4 W	40 10 10		80	→ RU	19.
# 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	****		****	****	****	****	****	* * * * *
* E E E E E E E E E E E E E E E E E E E	71900	000	0000	600	W W W	2 2 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	41651 41651	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	86 W00 96 W00 91 600
* ************************************	719	301	m m	वय	80 40	वं वं	4 4	MM	1,96
*XZD	****	****			****	****	****	****	* * * * *
* 0 0	44 44 000	000	7000	1100	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000	10606 10606	9792 5792	1000 19700 20700 ****
*UD 4 OOO	100	44 44 44 44 44 44 44 44 44 44 44 44 44			, M. M.		0.0	មេស	1 5 7 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
* # # # # # # # # # # # # # # # # # # #	K K E								*
*****	****	****	****	****	000	****	****		****
* + 4 6 6 6	0 0 0 0 0 0 0 0 0	332.0 48900 311.6	6.00	2 10 10 2 10 10 2 0 0	444 1044 110 •	1500	3 H N M 4 O W 4	2 2 2 4	N 4 00 00 00 00 00 00 00 00 00 00 00 00 0
A TO SECR	rom -	M 4 W			-		3 →	₩ .	N #
* * * * * * * * * * * * * * * * * * * *	* * * *	* * * * *	* * * * *	* * * * *	* * * 5 *	****	****	* * * * *	0 *
			-	_					
***************************************	540	430.0	270	90	- 60 - 10 - 10	80 80 80	CR 1290	575	4 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4
**************************************	* 4 C	1.0 1.0 1.0 1.0	2	ac ⊢- ao	. In	60 3	•	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TH
************	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TH.	* * * * * * * * * * * * * * * * * * *	* * * * * *	* * * * *	# # # # # # # # # # # # # # # # # # #	THUCK THUCK TO TO TO TO TO TO TO TO TO TO TO TO TO	****	****
****			8 270	8 0	* * * * * * * * * * * * * * * * * * *	# # # # #	6.0 * IHCR 24.0 * IS 759 * 129	* * * * *	****
****		0.49 0.44 0.44 0.44 0.44 0.44 0.44 0.44	1 + + + + + + + + + + + + + + + + + + +	*****	* * * * * * * * * * * * * * * * * * *	7 .00 0.00 2 . 4 . 4 . 4 0.00 0.00 0.00 0.00 0.00 0.	50 4 1HCR 50 4 1W 50 4 1W	0.00 0.00 0.00 0.00 0.00 0.00	****
*	10.01 4 00.01 4 00.01 4 00.01 4 00.01 4 00.01 4 4 00.01 4 4 00.01 4 4 00.01 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1 2 2 10 0 0 1 1 1 1 2 2 1 2 2 2 1 2 2 2 2	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 7 7 9 9 4 7 7 7 9 9 9 9 9 9 9 9 9 9	44 10.8 * 1 121 18.4 * 18 1950 * 625	T * 0000 T T T T T T T T T T T T T T T T	43 36.0 * IHCR 121 24.0 * IS 1759 * 129	444 N° N + 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# 444 15.0 # H 444 15.0 # H 444 15.1 14.5 E 44 E
**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	TIVES 124 126 8 1 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	# 42 0.9 # 72 XIV	71	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# 43 36.0 * IHCR FIV* 121 24.0 * IS # 1759 * 129	A 44 Ros A 10 RIVE 121 20 A 10 W 4 A 121 20 A 10 W 4 A 121 20 A 10 W 4 A 121 20 A 10 A 10 A 10 A 10 A 10 A 10	# 44 15.0 # # TIV # 12.1 14.50 # # # # # # # # # # # # # # # # # # #
**************************************	**************************************	# 42 10.0 # H RIVER # 124 7.9 # 18 # 264 # 14	TIVES 124 126 8 1 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	# 42 0.9 # 72 XIV	71	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# 43 36.0 * IHCR FIV* 121 24.0 * IS # 1759 * 129	A 44 Ros A 10 RIVE 121 20 A 10 W 4 A 121 20 A 10 W 4 A 121 20 A 10 W 4 A 121 20 A 10 A 10 A 10 A 10 A 10 A 10	# 44 15.0 # # TIV # 12.1 14.50 # # # # # # # # # # # # # # # # # # #
**************************************	**************************************	# 42 10.0 # H RIVER # 124 7.9 # 18 # 264 # 14	TIVES 124 126 8 1 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	# 42 0.9 # 72 XIV	71	T 4 Mey A A A A A A A A A A A A A A A A A A A	# 43 36.0 * IHCR FIV* 121 24.0 * IS # 1759 * 129	A 44 Ros A 10 RIVE 121 20 A 10 W 4 A 121 20 A 10 W 4 A 121 20 A 10 W 4 A 121 20 A 10 A 10 A 10 A 10 A 10 A 10	# 44 15.0 # # TIV # 12.1 14.50 # # # # # # # # # # # # # # # # # # #
**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	1	# 42 0.9 # R # 42 0.9 # R # 124 7.0 # 18 # 21 # 86	# # ## 10.0 # 10 DESCHUTES RIV# 101 18.4 # 10 # 1950 # 6PU	DESCHUTES RIVE 121 18.8 x 18.8 + LIGHT x 121 18.9 x 18.8 + LIGHT x 18.8 x x x x x x x x x x x x x x x x x x	# 43 56.0 * IHCR DESCHUTES RIV# 121 24.0 * IS # 1759 * 129	* 44 2.5 * H DESCHUTES RIV* 121 20.0 * 18 * 1845 * 57	4 44 15.0 4 DESCHUTES NIVA 12.14.50 4 AND LIGHT 4 2000 4 AND LIGHT 4 2000 4
**************************************	**************************************	# 42 10.0 # H RIVER # 124 7.9 # 18 # 264 # 14	MINCHUCK RIVER 124 26.9 & 19 MINCHUCK RIVER 124 26.9 & 19	RIVER WINCHUCK RIVER 124 7.0 * 18 86	# # ## 10.0 # 10 DESCHUTES RIV# 101 18.4 # 10 # 1950 # 6PU	DESCHUTES RIVE 121 18.8 x 18.8 + LIGHT x 121 18.9 x 18.8 + LIGHT x 18.8 x x x x x x x x x x x x x x x x x x	* 43 %6.0 * IHCR * 43 %6.0 * IHCR * 121 24.0 * IS * 1759 * 129 * 129	* 44 2.5 * H DESCHUTES RIV* 121 20.0 * 18 * 1845 * 57	4 44 15.0 4 DESCHUTES NIVA 12.14.50 4 AND LIGHT 4 2000 4 AND LIGHT 4 2000 4
**************************************	**************************************	CHETCO RIVER * 124 7.9 * IS * 264 * 14	MINCHUCK RIVER 124 26.9 & 19 MINCHUCK RIVER 124 26.9 & 19	RIVER WINCHUCK RIVER 124 7.0 * 18 86	# # ## 10.0 # 10 DESCHUTES RIV# 101 18.4 # 10 # 1950 # 6PU	DESCHUTES RIVE 121 18.8 x 18.8 + LIGHT x 121 18.9 x 18.8 + LIGHT x 18.8 x x x x x x x x x x x x x x x x x x	* 43 %6.0 * IHCR * 43 %6.0 * IHCR * 121 24.0 * IS * 1759 * 129 * 129	* 44 2.5 * H DESCHUTES RIV* 121 20.0 * 18 * 1845 * 57	4 44 15.0 4 DESCHUTES NIVA 12.14.50 4 AND LIGHT 4 2000 4 AND LIGHT 4 2000 4
**************************************	**************************************	CHETCO RIVER * 124 7.9 * IS * 264 * 14	MINCHUCK RIVER 124 26.9 & 19 MINCHUCK RIVER 124 26.9 & 19	RIVER WINCHUCK RIVER 124 7.0 * 18 86	# # ## 10.0 # 10 DESCHUTES RIV# 101 18.4 # 10 # 1950 # 6PU	DESCHUTES RIVE 121 18.8 x 18.8 + LIGHT x 121 18.9 x 18.8 + LIGHT x 18.8 x x x x x x x x x x x x x x x x x x	* 43 %6.0 * IHCR * 43 %6.0 * IHCR * 121 24.0 * IS * 1759 * 129 * 129	* 44 2.5 * H DESCHUTES RIV* 121 20.0 * 18 * 1845 * 57	4 44 15.0 4 DESCHUTES NIVA 12.14.50 4 AND LIGHT 4 2000 4 AND LIGHT 4 2000 4
**************************************	T 4 CO 10 T 4 CO	# 42 10.0 # H RIVER # 124 7.9 # 18 # 264 # 14	TIVES 124 126 8 1 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	# 42 0.9 # R # 42 0.9 # R # 124 7.0 # 18 # 21 # 86	71	A BEND POWER DAX A DESCRIPTED RIVA 121 1000 A 100 B B TACTFIC POWER + LIGHT A 1000 A 100 A 1000 A 100	# 43 56.0 * IHCR DESCHUTES RIV# 121 24.0 * IS # 1759 * 129	A 44 Ros A 10 RIVE 121 20 A 10 W 4 A 121 20 A 10 W 4 A 121 20 A 10 W 4 A 121 20 A 10 A 10 A 10 A 10 A 10 A 10	A CLINE FALLS F CLINE FALLS F CLINE FALLS F DESCHUTES NIVE 15.0 F F DACTTIC POWER AND LIGHT F 2080 F F DACTTIC POWER AND LIGHT F 2080 F
**************************************	A TO 10-01 A 1	# REDWOOD # H 42 10.0 # H CURRY CHRYCO RIVER # 124 7.5 # 18 # # 264 # 14	* WINCHUCK WINCHUCK WIVE 124 159 * IS * CURRY MINCHUCK WIVE 124 166.9 * IS * CURRY WAR * 124	* MINCHUCK RIVER * 42 0.9 * R * CURRY MINCHUCK RIVE* 124 7.0 * 18 * 21 * 86 *	* AUBREY FALLS * 444 10.8 * 1 * DESCHUTES RIV* 121 18.4 * IS * 1950 * 625	A BEND POWER DAX A DESCRIPTED RIVA 121 1000 A 100 B B TACTFIC POWER + LIGHT A 1000 A 100 A 1000 A 100	# BENHAM FALLS # 43 36.0 * IHCR # DESCHUTES RIV* 121 24.0 * IS * 1759 * 129	* CENTRAL CANAL * 44 2.5 * H * DESCHUTES DESCHUTES RIV* 121 20.6 * 18 * 1635 * 57 * * 1635 * 57	A CLINE FALLS F CLINE FALLS F CLINE FALLS F DESCHUTES NIVE 15.0 F F DACTTIC POWER AND LIGHT F 2080 F F DACTTIC POWER AND LIGHT F 2080 F
**************************************	A TO 10-01 A 1	# REDWOOD # H 42 10.0 # H CURRY CHRYCO RIVER # 124 7.5 # 18 # # 264 # 14	* WINCHUCK WINCHUCK WIVE 124 159 * IS * CURRY MINCHUCK WIVE 124 166.9 * IS * CURRY WAR * 124	* MINCHUCK RIVER * 42 0.9 * R * CURRY MINCHUCK RIVE* 124 7.0 * 18 * 21 * 86 *	* AUBREY FALLS * 444 10.8 * 1 * DESCHUTES RIV* 121 18.4 * IS * 1950 * 625	A BEND POWER DAX A DESCRIPTED RIVA 121 1000 A 100 B B TACTFIC POWER + LIGHT A 1000 A 100 A 1000 A 100	# BENHAM FALLS # 43 36.0 * IHCR # DESCHUTES RIV* 121 24.0 * IS * 1759 * 129	* CENTRAL CANAL * 44 2.5 * H * DESCHUTES DESCHUTES RIV* 121 20.6 * 18 * 1635 * 57 * * 1635 * 57	A CLINE FALLS F CLINE FALLS F CLINE FALLS F DESCHUTES NIVE 15.0 F F DACTTIC POWER AND LIGHT F 2080 F F DACTTIC POWER AND LIGHT F 2080 F
A A COLOR A A A A A A A A A A A A A A A A A A COLOR A A A COLOR A COLOR A COLOR A COLOR A COLOR A COLOR A COLOR A A COLOR A COLOR A A COLOR A COLOR A A COLO	T 4 CO 10 T 4 CO	CHETCO RIVER * 124 7.9 * IS * 264 * 14	MINCHUCK RIVER 124 26.9 & 19 MINCHUCK RIVER 124 26.9 & 19	A 42 0.9 4 R 136 4 WINCHUCK RIVER 12 4 CURRY 14 CURRY 15 4 CURRY 16 12 12 12 18 86	* AUBREY FALLS * * 4410.8 * 1 12 18.4 * 1 1	DESCHUTES RIVE 121 18.8 x 18.8 + LIGHT x 121 18.9 x 18.8 + LIGHT x 18.8 x x x x x x x x x x x x x x x x x x	POISS # BENHAM FALLS * 43 %6.0 * IHCR OOB! # DESCHUTES RIV* 121 24.0 * IS HC O * 1759 * 129	* 44 2.5 * H DESCHUTES RIV* 121 20.0 * 18 * 1845 * 57	A CLINE FALLS 4 44 15.0 4 13 4 DESCHUTES DESCHUTES ZIVE 12.1 14.50 4 14 4 15.0 4 13 4 DESCHUTES ZIVE 12.1 14.50 4 14 4 15.0 4 15 PACITIC POWER AND LIGHT 4 2080 4

NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,35 PAGE 205 OF TABLE 1 DATE 14 FER 81

ACTV DEP CODE CODE FILE STATUS	* * * * * !	* ACTV DEP * PRIMARY CO. "NAME OF GUREAL CODE * CODE * FILE * STATUS * STATUS *	****		***	· ·	AC T T	CEED PP	2	CHOCO PORTING #	ACTION OF ACTION
ORCNPPO161 ORCNPPO161 ORCO379	* CRANE PRANTENTAL SAN TAN TAN TAN TAN TAN TAN TAN TAN TAN T	MACHUTES RICHARD RANGER RANGE		10 40 40 40 40 40 40 40 40 40 40 40 40 40	*	# # # O M M # # # # # # # # # # # # # #	# N # W P U # 0 O O O O O O O O O O O O O O O O O O		* C C C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	· · · · · · · · · · · · · · · · · · ·
ORUOS45 S DRC D	A DECIDA MALLO A POLICION MALCHES	DESCHUTES RI	* * * * * * }	24 10 10 10 10 10 10 10 10 10 10 10 10 10	I ## # # #	* * * * * 0 0 0 0 0 0	4 40 40 84 14 44 0 0 0	의 대 의 대 의 대	* * * * * * *	* * * * * * * * * * * * * * * * * * *	****
ORSNPPOIS6	* LAVA TGLAND * DESCHUTES *	DESCHUTES R	* * * * * > \	43 59.4 121 22.5 1759	****	* * * * * * * * * * * * * * * * * * * *	10.01	17482	* * * * * * * * * * * * * * * * * * *		
OROO276	* MICKIUP DAM * DESCHUTES * DOI USBR	DESCHUTES RI	* * * * * >	43 41.0 121 41.3 482	# # # # #	675°0°4	N 1000 1000 1000 1000 1000 1000 1000 100	W W	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	****
085NPP0173 08U0150 5 0FC D	* BRULDER CREEK * DOUGLAS	SQUTH UMPQUA	****	43 2.9 122 46.0 90		0 97 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	0 0 0 0 mm m m	****	11 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
ORENPPOISI ORUGESE 6 OFC I	BOUNDARY Douglas	NORTH UMPBUA	* * * * *	43 18.5 122 50.5 899	HETRO TO SEE	RU **		4 4 4 4 0 0 0	# # # # # # # # # # # # # # # # # # #	3986.7 27.756	*****
ORTNPP0194 ORUG627 5 OFC D	BRADLEY CREEK BOUGLAS	BRADLEY CREE	# # # # #	43 18,5 122 5,9 41	I P	****	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 6 0 0	000 000 000 000	MO110 MO110	
ORENPPOISS ORUGES S	* CAMAS VALLEY * DOUGLAS	MIDDLE FORK	* * * * *	24 W W W W W W W W W W W W W W W W W W W	****	* * * * *	3345 1750000 440000 440000	000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11953	*****
* ORGNPPOROR * ORGOSER * ORG DRC D	CLEARWATER NUMBER 1 FOREBAY DOUGLAS CLEARWATER R PACIFIC POWER AND LIGHT	CLEARWATED NUMBER 1 FOREBAY DOUGLAS CLEARWATER R PACIFIC POWER AND LIGHT	* * * *	43 15°3 122 19°2 42	10	17 W 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	64 64 64 64 64 64 64 64 64 64 64 64 64 6	15000	0 00 00 00 00 00 00 00 00 00 00 00 00 0	00	

2 2	*	**************************************	1127			, , , , , , , , , , , , , , , , , , ,			5 5 7 7 3
THE STATE OF THE S	*								
	w								4
* C	* # *								
	# # #	****	****	****	* * * * *	****	*****	****	
# P C C C		0 +4	0.0	N &	0 M	44	ហ៊ីន		- C
# O O O O O O O O O O O O O O O O O O O	* & & * *	1829.0 91.451	2 Ki 20 ki 50 ki	N 40 40 40 40 40 40 40 40 40 40 40 40 40	10646 88.846	1648 1648 1848	166 160 160 160	62.39.	128,21
RAN RAN RAN RO RO RO RO RO RO RO RO RO RO RO RO RO	# # #	** G*	4 N					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
* * * * * * * * * * * * * * * * * * *	*****	000	0 0 0 2 0 0 3 5 5 5 5	O NI NI NI NI O O O O O O	000	000	0.00	088	000
	1110	0000	.0 172458 172458	6 9	0 124040 124040	21000 21000	00 8 8 8 8	3650	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
XXO							*****		
MAINTENANT STATE S		0 00 00 m m	01 01 N W U U U U O E E	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000	000 000	0 9 9 0 9 9	0 0 0 0 0	# 9°ENNN # 0 0098 # 0098 # 00098 # 00098 # 00098
# 0 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		M M	W W	2 %	9 6	ñ ñ	32	80 e0	n n
ENUP EXZO									
****	* O O O	****	****	****	4 * * *	****	*****	000	000
A		48.0	2000 2000 2000 2000	180.0 140000 174.8	8004 9004 0004	180° 6960 174°	113.0 41000 109.0	1.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	000
R T T T T T T T T T T T T T T T T T T T	K K							-	
*****	* * * * * * * * * * * * * * * * * * *	* * * 5	****			•			6
	E M	ő	ŏ	ó		0	o	143	0
# # # # # # # # # # # # # # # # # # #	*	* * * * 0 * 0 * * * * * * * * * * * * *	1780	180.081		1000	8.450.0	es Ru Ku	80 00 00 00 00 00 00 00 00 00 00 00 00 0
		11 1400.	1 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1	X H	ORSIC DM 1291	H 18 1000	の エH *****	RU kt	00000000000000000000000000000000000000
2	#	****	1 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1	11 H	ORSIC DM 1291	H 18 1000	# # # # # # # # # # # # # # # # # # #	**************************************	± # # #
SEASEASTANDO CONTRACTOR OF STATEMENT OF STAT	#	00 00 00 00 00 00 00 00 00 00 00 00 00	17.5 # II 2.37.0 # IS 650 # 1780	2 W W W W W W W W W W W W W W W W W W W	57.0 * DRSIC 3 9.9 * DM 640 * 1291	27.6 * H 2 52.9 * 18 446 * 1000		2.00 E	5.9 * E
**************************************	**************************************	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	42 57.0 * CRSIC * 123 9.9 * DM * 540 * 1293	H 18 1000	# # # # # # # # # # # # # # # # # # #	**************************************	5.9 * I
≱ 4x Σ	## * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* + + + + + + + + + + + + + + + + + + +	* * * * * * * * * * * * * * * * * * *	VEER 42 57.0 * ORSIC 1.4 1.23 9.9 * DM	# 42 57.6 # H UA # 122 92.9 # 18 446 # 1000		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 4 8 8 9 1 1 10 0UA 1 10 15 15 15 15 15 15 15 15 15 15 15 15 15
≱ 4x Σ	## * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* + + + + + + + + + + + + + + + + + + +	# # # # # # # # # # # # # # # # # # #	ENGINEER 42 57.0 * DRSIC UNPOUNT 123 9.9 * DM * 640 * 1291	# 42 57.6 # H UMPQUA # 122 52.9 # 18 446 # 1000	20 00 00 00 00 00 00 00 00 00 00 00 00 0	MN	1 4 8 8 9 1 1 10 0UA 1 10 15 15 15 15 15 15 15 15 15 15 15 15 15
≱ 4x Σ	## * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4 444 17 55 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	OF ENGINEER 42 57.0 * ORSIC JTH UMPGUA:* 123 9.9 * DM * 540 * 1291	# 42 57.6 # H UMPQUA # 122 52.9 # 18 446 # 1000	20 00 00 00 00 00 00 00 00 00 00 00 00 0	CREEK * 122 00.4 * III SSC * 100 US	1 4 8 8 9 1 1 10 0UA 1 10 15 15 15 15 15 15 15 15 15 15 15 15 15
≱ 4x Σ	## * * * * * * * * * * * * * * * * * *	0 I	4 444 17 55 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	OF ENGINEER 42 57.0 * ORSIC JTH UMPGUA:* 123 9.9 * DM * 540 * 1291	# 42 57.6 # H SOUTH UMPOUA * 122 55.9 * IS 446 * 1000		A A M 13 4 H I LAKE CREEK # 120 904 # ISO WW	1 4 8 8 9 1 1 10 0UA 1 10 15 15 15 15 15 15 15 15 15 15 15 15 15
≱ 4x Σ	## * * * * * * * * * * * * * * * * * *	T 4 No 900 St 4 NO DOUTH UMPOUA 4 NO NOT 4 NO NOT 4 NO NOT 4 NO NO A 4 NO NO NO A 4 NO	DIVERSION A 43 17 SU A T NO A A A A A A A A A A A A A A A A A A	T T NO THE THINGS THE THING	CCORPS OF ENGINEER 42 57.0 * ORSIC SOUTH UMPOUA * 123 9.9 * DM * 640 * 1291	# 42 57.6 # H SOUTH UMPOUA * 122 55.9 * IS 446 * 1000	20 00 00 00 00 00 00 00 00 00 00 00 00 0	A A M 13 4 H I LAKE CREEK # 120 904 # ISO WW	1 4 8 8 9 1 1 10 0UA 1 10 15 15 15 15 15 15 15 15 15 15 15 15 15
≱ 4x Σ	## * * * * * * * * * * * * * * * * * *	CREEK * 42 36.5 * T SOUTH UMPDUA * 123 0.0 * TO 639 * TO	DIVERSION A 43 17 SU A T NO A A A A A A A A A A A A A A A A A A	T T NO THE THINGS THE THING	CCORPS OF ENGINEER 42 57.0 * ORSIC SOUTH UMPOUA * 123 9.9 * DM * 640 * 1291	CREEK SOUTH UMPOUR # 122 UR.S. # H A 400 UTH UMPOUR # 122 UR.S. # 1000	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	LAKE CREEK # 43 13.4 # II LAKE CREEK # 122 9.4 # IS # 55 # IS	1 4 8 8 9 1 1 10 0UA 1 10 15 15 15 15 15 15 15 15 15 15 15 15 15
≱ 4x Σ	## * * * * * * * * * * * * * * * * * *	CREEK * 42 36.5 * T SOUTH UMPDUA * 123 0.0 * TO 639 * TO	DIVERSION A 43 17 SU A T NO A A A A A A A A A A A A A A A A A A	T T NO THE THINGS THE THING	CCORPS OF ENGINEER 42 57.0 * ORSIC SOUTH UMPOUA * 123 9.9 * DM * 640 * 1291	CREEK SOUTH UMPOUR # 122 UR.S. # H A 400 UTH UMPOUR # 122 UR.S. # 1000	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	LAKE CREEK # 43 13.4 # II LAKE CREEK # 122 9.4 # IS # 55 # IS	1 4 8 8 9 1 1 10 0UA 1 10 15 15 15 15 15 15 15 15 15 15 15 15 15
≱ 4x Σ	SET OF THE	T 4 No 900 St 4 NO DOUTH UMPOUA 4 NO NOT 4 NO NOT 4 NO NOT 4 NO NO A 4 NO NO NO A 4 NO	* COPELAND DIVERSION * 443 17 % 4 I I I I I I I I I I I I I I I I I I	ON A BOOK A ROYAN AND WAS A THE ON WAS A ROYAN AND AND AND AND AND AND AND AND AND A	OF ENGINEER 42 57.0 * ORSIC JTH UMPGUA:* 123 9.9 * DM * 540 * 1291	# 42 57.6 # H SOUTH UMPOUA * 122 55.9 * IS 446 * 1000	* DINGLAS ROGUE RIVER * 122 24 * IS	A DOUGLAS LAKE CREEK # 122 904 # 19 # 19 # 19 # 19 # 19 # 19 # 19 # 1	* DOUGLAS SOUTH UMPDUA * 123 679 * TA * DOUGLAS SOUTH UMPDUA * 153 679 *
≱ 4x Σ	**************************************	* 42 36.5 * T * DOUGLAS SOUTH UMPOUA 123 0.0 * TO * 639 *	* COPELAND DIVERSION * 443 17 % 4 I I I I I I I I I I I I I I I I I I	A DOUGLAS SMITH RIVER A 120 36.4 A 10 A 45 A 10 A 1	* DAYS CREEK (CORPS OF ENGINEER 42 57.0 * ORSIC * DOUGLAS SOUTH UMPOUA.* 123 9.9 * DM * DAEN NPP * 1891.	* A CEACHAN CREEK * 402 UT. 6 * H * DOUGLAG SOUTH UMPOUR * 122 UR. 9 * 1000 * A CAC * 1000	* DINGLAS ROGUE RIVER * 122 24 * IS	A DOUGLAS LAKE CREEK # 122 904 # 19 # 19 # 19 # 19 # 19 # 19 # 19 # 1	* DOUGLAS SOUTH UMPDUA * 123 679 * TA * DOUGLAS SOUTH UMPDUA * 153 679 *
≱ 4x Σ	**************************************	* 42 36.5 * T * DOUGLAS SOUTH UMPOUA 123 0.0 * TO * 639 *	* COPELAND DIVERSION * 443 17 % 4 I I I I I I I I I I I I I I I I I I	A DOUGLAS SMITH RIVER A 120 36.4 A 10 A 45 A 10 A 1	* DAYS CREEK (CORPS OF ENGINEER 42 57.0 * ORSIC * DOUGLAS SOUTH UMPOUA.* 123 9.9 * DM * DAEN NPP * 1891.	* A CEACHAN CREEK * 402 UT. 6 * H * DOUGLAG SOUTH UMPOUR * 122 UR. 9 * 1000 * A CAC * 1000	* DINGLAS ROGUE RIVER * 122 24 * IS	A DOUGLAS LAKE CREEK # 122 904 # 19 # 19 # 19 # 19 # 19 # 19 # 19 # 1	* DOUGLAS SOUTH UMPDUA * 123 679 * TA * DOUGLAS SOUTH UMPDUA * 153 679 *
SANARARARARARARARARARARARARARARARARARARA	SET OF THE	* COFFEE CREEK * 42 36.5 * H * DOUGLAS SOUTH UMPOUA 123 0.0 * 10 * 639 * *	A COPELAND DIVERSION A 43 17.55 & H 53 * DOUGLAS NORTH UMPOUA * 122 37.0 & 18 D * 500 * 1780	195 * DAMEMODOS SENTTH PIVER * 123 45.51 * IS	* A DAYS CREEK (CORPS OF ENGINEER 42 57.0 * ORSIC * DOUGLAS SOUTH UMPOUA:* 123 9.9 * DA THE TABLE A 129 540 * 129 54	A 42 ST-6 A H EADMAN CREEK SOUTH UMPOUA + 122 52.9 4 IS I A I I A I A B A 446 A 1000	4 4 DINGLAS ROGUE RIVER 4 122 24 4 1 13 D 4 DINGLAS ROGUE RIVER 4 122 24 4 1 13 4 62 4	TO A DOUGLAS LAKE CREEK A 122 9.4 A M O D A DOUGLAS LAKE CREEK A 122 9.4 A M O D A DOUGLAS A SO D A D D D A D D D A D D D D D D D D D	680 * DILLARD SOUTH UMPGUA * 123 S7.9 * H

DATE 14 FEB 81 NATIONAL MYDROELECTRIC POWER STUDY TIME 22,29,36

ANAVARATA A SA	在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在	****		* * * * *	****	****	****	****	信 數 数 数 数 数 数 数 数 数 数 数 数 数 数 数 数 数 数 数
**************************************	***	40 kg 42 kg 42 kg 10 kg	1614.4 87.269	50 50 50 50 50 50 50 50 50 50 50 50 50 5	01 04 01 04 01 04 02 04 02 04	6.00 7.00 7.00 6.00 7.00 7.00 7.00	M P M P M P M P M R	M. P. C.	
**************************************		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.00000	N N N N N N N N N N N N N N N N N N N	11 11 12 12 12 12 12 12 12 12 12 12 12 1			444	# # # # # # # # # # # # # # # # # # #
### ##################################	# # # # # # # # # # # # # # # # # # #		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6 4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.00 40 0.00 0.00 0.00 0.00 0.00 0.00 0	# # # # # C 80 60 or or 31 47	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	##### 000 000 000 000 000 000	# # CO CO TY W # # # # # # # # # # # # # # # # # #
A C C C C C C C C C C C C C C C C C C C	* * * O O O O O O O O O O O O O O O O O	2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	# # # # # 0000 0000 0000 0000 0000	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M W W W W W W W W W W W W W W W W W W W		10 00 00 00 00 00 00 00 00 00 00 00 00 0	W * * * * * * * * * * * * * * * * * * *	**************************************
**************************************	**************************************	IN SO	CIRSO 19 107.01	IS PRO O	#### © C P→ SS FH	2 H	TH	TANGT TANGT TANGT TANGE	4 DGMDT 4 DGMD 4 D400MB 4 D400MB
LATITUDE CONGITUDE CON M.M) (SO M.M)	**************************************	43 122 34 4	42 50.9 123 10.5	43 19.5 123 1.0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	43 43 42 42 62 62 62	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	42 48 5 123 39 4 4	43 17 ° 7 * 4 123 12 ° 7 * 4 1230 12 ° 7 * 4 1230 * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
k Σ	* *	F S S S S S S S S S S S S S S S S S S S	COW CREEK	NORTH UMPBUA	KEST FORK COWS	RDGUE RIVER *	CALAPOOYA CRE*	EEGT FORK COLER	A AUGPRU HTRON A AUGPRUH HTRAN A A A A A A A A A A A A A A A A A A A
* FM 2 10 NO * PACIFICATIONS * FM 110 NO * PRIMARY CO. *NAME OF STREAM CODE * CODE * TILE * STATUS * S	TICH CREEK DAR FISH CREEK DACHELC POWER + LIGHT	FISH LAKE DOUGLAS	GALESVILLE Douglas	GL INE Dauglas	GOLD MOUNTAIN DOUGLAS	HAMAKER Douglas	HINKLE Douglas	HONEY SUCKLE Druge As	A CRUCOSON & HORSEGION BEND * CRUCOSON & DOUGLAS * OFC I & * 6 OFC I *
* * * * * * * * * * * * * * * * * * *	08HNPP020 0800562	A DRSNPP2678 A B DRUGBSO A A DRUGBSO A A B DRC II A A B B B B B B B B B B B B B B B B	# 0200000000000000000000000000000000000	A CRENPPOIT A B CRUO161 R B CRC D B R	CRUPPING CRU	A CRUOPOLIOY A A CRUOSING A A S CRUOSING A A A S CRUOSING A A A S CRUOSING A A A A CRUOSING A A A A CRUOSING A A A A A A A A A A A A A A A A A A A	A CRONPPROGRES A STOCK I A STOCK I A STOCK II A STOCK I	A CAUPPROBRA A CAUCACA CA CAUCACA CA CAUCACA CA CAUCACA CA CAUCACA CAU	4 CRUDDO167 4 4 CRUDDO90 1 4 4 6 OFC I 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

DATE 14 FEB 81 NATIONAL MYDROELECTRIC POWER STUDY TIME 22,29,36

A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	t	· 在 作 作 书 ·	का चेट चेट चेट चेट	* * * *	***	***	***	张安安安 4.	京 依 《 · · · · · · · · · · · · · · · · · ·
X			***	****	****	****	****	****	* * * * * * * * * * * * * * * * * * *
	00 00 00 00 00 00 00 00 00 00 00 00 00	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	2 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	12667	108.70	108 108 108 108	00		M
THE COLUMN TO COLUMN THE COLUMN TO COLUMN THE COLUMN TH	# # # # # # # # # # # # # # # # # # #	* * * * * ·	14 + + + · · · · · · · · · · · · · · · ·	19981 19981 19981	39 RU 60 60 60 RU 60 RU 8 F F F F F	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	181000	0 0 0 0 0 0 0 0 0	0000 # # # # # # # # # # # # # # # # #
*****	1	00000091	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 100 100 100 100 100 100 100 100 100	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# 00000 # 00000 # 00000
*****		M 44 44 44 44 44 44 44 44 44 44 44 44 44	2	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N 4 8 8 8	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #		# # # # # # # # # # # # # # # # # # #
# T T T T T T T T T T T T T T T T T T T	株 本 中 (118 118 7480 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	X	* * * * * * * * * * * *	10 10 10 10 10 10 10 10 10 10 10 10 10 1	18 195	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
** * * * * * * * * * * * * * * * * * *	**************************************	M4 W W W W W W W W W W W W W W W W W W W	24 W W W W W W W W W W W W W W W W W W W	122 10.0 x	182 9.0 182 76	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	120 11st 179.1	M 00 00 00 00 00 00 00 00 00 00 00 00 00	# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
ā E	A A A A A A A A A A A A A A A A A A A	KELLEYS-SMITH FERRY DOUGLAS UMPOUA RIVER	A KELLOGG UMPOUA RIVER A A DOUGLAS UMPOUA RIVER A A DOUGLAS	A LAKE CREEK NUMBER 1 A 4 4 DOUGLAS LAKE CREEK 4 4 DOUGLAS	A LAKE CREEK NUNGER WAY CREEK NUNGER WAY CREEK NUNGER WAY CREEK WAS CREEK WAY CREEK WAS CREEK WA	* LAKE CREEK DS TAKE CREEK * * DOUGLAS LAKE CREEK * * * * * * * * * * * * * * * * * *	* LEMOLO NUMBER 1 ** * DOUGLAS NORTH UMPGUA * * PACTFIC POWER + LIGHT * *	** LEMOLD NUMBER 2 FOREBAY ** DOUGLAS NORTH UMPGUA * ** PACTFIC POWER + LIGHT *	LOON LAKE DIVERSION DOUGLAS MILL CREEK/
######################################	A WASHAND A A MUSIC TO A A MUSIC TO A A A A A A A A A A A A A A A A A A	A CRENTPOLLS A A CRUCA CA A CRUCA CA A CRUCA CA A CRUCA CA A A CRUCA CA CRUCA CRUCA CA CRUCA CA CRUCA CRUCA CA CRUCA C	* DRSNPPO168 * DRUO105 * * DFC D *	* DRSNPPR735 * CRU0855 * CRC D * CRC	## DRGNPRA736 ## 15 DRC	A DRANPPRAME A DRUGGIG A W DFC I	* ORJNPPOROS * OROOSS6 * S OFC O	* DRJNPPD209 * DR00564 * S DRC D	# DR7NPP0170 # DRU0113 # # 5 DFC D # ###############################

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29.36

STATE OUND TO STATE OF THE STAT	を「MERKE 137511071107110711071107110711071107110711	****	****	****	****	****	****	****	****
N	**************************************	12014	3211.1 263.20	4113 71.666	8680 4 8 8 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	41.992	N N N N N N N N	1000 1000 100 a	20 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
TALLING COOLS A MINCO COOLS A	**************************************			TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT					22 22 22 22 22 22 22 22 22 22 22 22 22
MUNICACO OOC CACO CACO CACO CACO CACO CACO	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	106840 106840 106840	* * * * * * * * * * * * * * * * * * *	E E E E E E E E E E E E E E E E E E E	0 # # # # 0 # # 0 # # 0 # 0 # 0 # 0 #	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	U11000 0.000 0.000 0.000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 11 10 0000 11 10
*** CAA HT *** CAC TOR * * * (FT T) * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	220°0 91700°0 149°6 * * * * *	11111111111111111111111111111111111111	10000 10000 0000 0000 0000		6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 # # # # # # # # # # # # # # # # # #		0000 0000 0000 0000 0000 0000 0000
# # # # # # # # # # # # # # # # # # #	**************************************	* * * * * * * O * O * M M M M M M	10 100 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	TH 80 97 80 97 84 84 84 84 84	T IS 1420.03	1 # # # # # CO Ma ST Pi	# # # # # # # # # # # # # # # # # # #	TH 0000	
	44 44 44 44 44 44 44 44 44 44 44 44 44	100 00 00 00 00 00 00 00 00 00 00 00 00	103 30° 51 **	48 13.0 *** 123 13.0 ** 1031 **	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	40 W W W W W W W W W W W W W W W W W W W	43 18.9 * * 12.5 * 886 * *	4 4 1 12 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
x	** ** ** ** ** ** ** ** ** ** ** ** **	NORTH UMPRUA	OLLALA CREEK	SOUTH UMPOUA	SOUTH UMPOUA	AUGHAU HTUGS	* AUGGEU HFRON	* * AUGPHU HFUDS	1 条
FM 110 NO X PRIMARY CO. *NAME OF STREAM CODE X CODE	ARAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKA	DOUGLAS	OLLALA CREEK OGUGLAS	PERDUE DOUGLAS	PERDUE RESERVOIR Douglas	RIDDLE Dauglas	ROCK CREEK Drijglas	RUSEBURG DOUGLAS	RUCKLES DOURLAG BOUTH UMPOUA
COOF COOF	ORSNPPO178 DRUO214 S DFC D	ORENPPO171 ** ORUGISO **	086NPP2752 * 0RU0682 * 5 0FC I *	# 0800887 * 080 080 1 * 5	086NPP0172 * 0RU0136 * 2 DRC E *	ORENPPO164 * ORUGO66 * OFC D *	ORTNPPOISS * ORUGOS7 * 6 DFC I *	ORGNPP2769 # ORU0892 # S DFC I #	DRSNPPO166 * ORUGO70 * ORUGO70 * OFC I *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,36

			***	* * * *			****		· · · · · · · · · · · · · · · · · · ·
1000 6) #		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10100 1000 10	60	00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A A A A A A A A A A A A A A A A A A A	W W W W W W W W W W W W W W W W W W W	# ************************************
		1144 000 000 000 000	60 60 60 60 60 60 60 60 60 60 60 60 60 6	100 km 01 km 00 km	* *	* * * * *	113000 113000 114000 * * *	1-000 1-000	# CO # # # CO # CO # CO # # CO # # # # #
			* * * * * * O IN IN O IN IN O IN IN O IN IN O IN IN	14000 18000 18000	11000	44 44 94 94 94	16 W O O O	44 44 00 00	100000 100000 1000000 1000000
XXX XXX 0100 PER 110 (AC F1) A (F1) A (F1)		1000000 1000000 1000000000000000000000	100000000000000000000000000000000000000	**** On 99 On 99	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # 0.00 4.00 4.00 4.00 4.00 4.00 4.00 4.0	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	
	* * * * * * * * * * * * * * * * * * *	# F F F F F F F F F F F F F F F F F F F	N N N N N N N N N N N N N N N N N N N	10 00 00 00	10.04.11.00.00.00.00.00.00.00.00.00.00.00.00.	E H	000 N	H	# # # # # # # # # # # # # # # # # # #
		****	****	****	****	****	****	****	* * * * *
(C A B A B A B A B A B A B A B A B A B A	* * * * * * * * * * * * * * * * * * *	124 46.3 124 56.3 130	4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	43 16-55 123 26-8 337	43 18-1 122 29-6 420	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 14 14 14 14 14 14 14 14 14 14 14 14 14	4 4 4 6 0 0 4 4 6 6 0 0 4 4 6 6 0 0 4 4 6 6 0 0 4 6 6 0 0 6 6 0 0 6 6 6 0 0 6 6 6 0 0 6 6 6 0 0 6 6 6 6 0 0 6 6 6 6 0 0 6	# 100 BOOK # # # # # # # # # # # # # # # # # #
A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A A A A A A A A A A A A A A A A A A A	M W	3 39 4 8 4 8 4 4 1 0 0 8 4 1 0 0 0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	4 43 16-59 UA * 123 26-	* 43 18. 08TH UMPOUA * 122 29.	S A WA A AUGPHU HT	2 19 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7.07 10.07 20.03 20.04 20.04	# 420 109 60 100
	**************************************	RIVER * 123	4 W W B 4 A B B B B B B B B B B B B B B B B B	* * * * * * * * * * * * * * * * * * *	# # 4 UNPOUR # # 120 P W 4 P W 9 P W	**** MN MN MN MN MN MN MN MN MN MN MN MN MN	* * * 4 43 14 4 122 41 138 14 4 138 15 41 6	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,36 PAGE 211 OF TABLE 1

A CONFIGURACIO A SECUENCIA CON PARA SE	**************************************	****	****	****	****	****	****	****	
# E O	****	44.00 4.00 4.00 4.00 4.00 4.00 4.00 4.0	31.	3887.4 35.803	000 000 040 040	**************************************	76.603	24 55 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 100 100 100 100 100 100 100 100 100
######################################	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	M 1000 M 1000 M 1000	10801 10803 10803 10803	00000000000000000000000000000000000000	44 000 000 000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	113000 113000 113000	7 W O O W Y W W W W W W W W W W W W W W W
## ## ## ### #########################	**************************************	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7100 7100 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* # # # # # # # # # # # # # # # # # # #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000 000 000 000 000	1700 C
****	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # # #	4 W W W W W W W W W W W W W W W W W W W	**** 000° 040° 040° 040° 040°	00 00 00 00 00 00 00 00 00 00 00 00 00	4 W 0 O O O 0 O O O	N N N N 00 00 00 00 00 00 00 00 00 00 00	000000000000000000000000000000000000000	**************************************
* a a	**************************************	E SO	M M M M M M M M M M M M M M M M M M M	* * * * * * * * * * * * * * * * * * *	CIPO **	* * * * * * In ep 31 H	100 T T T T T T T T T T T T T T T T T T	T * * 0 * 5 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* W W	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	43 48.9 123 41.4	43 17 0 123 21 1	M M M M M M M M M M M M M M M M M M M	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 19.7 ** 119 33.4 * *	116 46 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 15 5 5 4 1 1 1 6 5 6 5 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# *	A STATEM OF THE STATEMENT OF THE STATEME	SHITH RIVER	CEXIGT) * NORTH UMPOUA * NORTH UMPOUA * NATER CONTROL DISK	DIVERSION NORTH UNPOUL	UMPGUA RIVER	OMITH RIVER *	* * * * * * * * * * * * * * * * * * *	* *CD MEDE HERON	PORTUBEIGG & CANYON CREEK TORUCELL & GRANT CANYON CREEK & STANT CANYON CREEK & STANT CANYON CREEK & STANTON CR
	ETEE DAN GLAS TFIC POWER	TWIN SISTERS Douglas	WINCHESTER (E DOUGLAS WINCHESTER WA	WINCHESTER DI Douglas	WOLF CREEK Douglas	12 RB NUMBER Douglas	BLACK CANYON GRANT	CAMP CREEK Grant	CANVON CREEK
* # * * * * * * * * * * * * * * * * * *	* * * * * * * + + + + * + + + + + + + +		X D X X D X X D X	30	3 0	200	E 6	A G	* * * * * * * * * * * * * * * * * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,37 PAGE 212 OF TABLE 1.

	* * * * * * *		****	****	****				*
DOYNA MHCXX MHCXX									***
A CONTRACTOR OF A CONTRACTOR O	x								*
KEND NO.									*
* 62 0 2 2 2	k B								*
***************************************									*
									*
		****	* * * * *	****	****	****	***	****	*
* 50 CC	2 P	20		• •	- F. M	W &	60	6 0	4148 W 66 44 W
**************************************	1.00 T	## ## ## ## ## ## ## ## ## ## ## ## ##	196	<u>.</u>	m 0	9.0	8 W W W	60 A4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
20 00	* W	M M	3 2	# 80 # 80	N 80	M	M →	NI MI	4 0 *
K K K K								· • • • • • • •	* *
****	* * * * * * * * * * * * * * * * * * *			000	000	000	000	440	000 *
		PM	8 8	2273	11200	77.00	000	7037	* 10 10 0 * 10 10 0 * 10 10 0 0 0 0 0 0
* O * O * E * E * C * C * C * C * C * C * C * C	2 d d	€ €	~ ~	NO	22	F F	N N		* 0.0
XZD	k k								*
****	***	* * * * * *	* * * * *	****	****	* * * * * *	****	****	* * * * *
	# 00 # 00 # 00 # 00	9 9 9	1780 1780	787	2600	NU NU NU NU C NU NU	6700 6700	ທ ທ 10 10 0 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
# 00 4 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4		22		44	ดัด		6	W W	W W #
*	# #								*
XZO	i i								:
	****	****	****	****	****	****	****	****	****
A T T T T T T T T T T T T T T T T T T T	0 4 8 0 4 8 0 4 9	25°0 0000 14°7	000	115.0 2000 109.8	245.0 97000 239.7	000	004	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1755 236000 16900
KA SPACE	# O O O O O O O O O O O O O O O O O O O	W 0 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100	N 9 10	175.0 52000 169.8	6 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O M W	1 M 1 4
A CAR COL	*	-							*
######################################	* * * * * * * •	* * * 5 *	* * * * *	****	****	****	****	****	女 女 女 女 女 女 女 女 女 女 女 女 女 女 女 女 女 女 女
* 22 0 0	* O B T * U S F * C S	0.04	4.	****	0	.0	0.00	8 0	4 4 4 0 4 4 0 4 4 0 4 4 0 4 4 0 4 4 0 4 4 0 4 4 0 4 4 0 4 4 0 4 4 0 4 0 4 4 0 4
# . A > C :		-		a.	8 0	92 92	. w	. Ni ອວ	ပ ပ ဗ
# ™ ► < # © Ø	* U Ø	ı en	. n	I H	I H	x H	IH	I H	H # #
** ** ** ** ** ** ** ** ** **	* * * * *	****	* * * * *	****	****	* * * * *	****	****	****
* DD 4 0 0 0	* 0 • 0 * 0	ວຼ•໙	6 . €	W →	a. • ∙0 •0	- 17. Cr. Ch	o . o	e	* NO *
* * * * * * * * * * * * * * * * * * *	* • • • •	.0 -	→ M M	34.	80 80 80 → • 17 10	3 N W	2 2 2 2 3 3 4	N. → N.	ee មា ក្រ ≱
	± £0. PO ED acti	M 4 W	Δ1				~	w.,	4 0 *
* AZCOCO	* 0 * 0 * 0	M 4 W	Δ1	Or.	40	4 ~	€2	4 ∼	4 19 6
*		# # # # # # # # # # # # # # # # # # #	* * * * * 11	119	**** 3 + 3 + 3 + 0	30	* * * * *	* * * * *	***
* * * * * * * * * * * * * * * * * * *	# IN M IN # # # # # # # # # # # # # # # # # #	# # # # # 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· * * * * * * * * * * * * * * * * * * *	119	****	3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	****	*****
* * * * * * * * * * * * * * * * * * *	# IN M IN # # # # # # # # # # # # # # # # # #	# # # # # 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RIVE # # 44 P. 118 P. 1	RIVE**	****	3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	****	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *	######################################	* * * * * * * * * * * * * * * * * * *	RIVE # # 44 P. 118 P. 1	RIVE**	4 * * * * * * * * * * * * * * * * * * *	* 44 * 44 * 116 * * 116	FORK J# 113	FORK J. 444	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * * * * * * * * * * * * * * * * *	本の 1 年	* * * * * * * * * * * * * * * * * * *	RIVE # # 44 P. 118 P. 1	RIVE**	4 * * * * * * * * * * * * * * * * * * *	* 44 * 44 * 116 * * 116	FORK J# 113	FORK J. 444	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * * * * * * * * * * * * * * * * *	本の 1 年	# # # # # 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· * * * * * * * * * * * * * * * * * * *	T <e *="" 119<="" td=""><td>****</td><td>3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4</td><td>* * * * * * * * * * * * * * * * * * *</td><td>****</td><td>4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4</td></e>	****	3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * * * * * * * * * * * * * * * * *	本の 1 年	* * * * * * * * * * * * * * * * * * *	RIVE # # 44 P. 118 P. 1	SAL SEVER VAC SECUL	4 * * * * * * * * * * * * * * * * * * *	* 44 * 44 * 116 * * 116	FORK J# 113	FORK J. 444	AAA * AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
* * * * * * * * * * * * * * * * * * *	本の 1 年	* * * * * * * * * * * * * * * * * * *	RIVE # # 44 P. 118 P. 1	SAL SEVER VAC SECUL	MIDDLE FORK JA 118	* 44 MIDDLE FORK 3* 118 *	FORK J# 113	* 44 MIDDLE FORK J* 119 * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * * * * * * * * * * * * * * * * *	REFERENCE AND	* * * * * * * * * * * * * * * * * * *	SONN DAY RIVERS 118	PANCH GOHN DAY RIVER 119	MIDDLE FORK JA 118	* 44 MIDDLE FORK 3* 118 *	ATODIE FORK & SACON TO THE PORT OF THE POR	* 44 MIDDLE FORK J* 119 * *	A 44 A A A A A A A A A A A A A A A A A
* * * * * * * * * * * * * * * * * * *	REFERENCE AND	A 44 42 ARD FORK A 110 4 W	AILL JOHN DAY RIVER 118	PANCH GOHN DAY RIVER 119	TULCH MIDDLE FORK Jr 118	CREEK * 444 * AIDOLE FORK J* 118	ATODIE FORK & SACON TO THE PORT OF THE POR	* 44 * 44 MIDDLE FORK J* 119	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * * * * * * * * * * * * * * * * *	REFERENCE AND	A 44 42 ARD FORK A 110 4 W	AILL JOHN DAY RIVER 118	PANCH GOHN DAY RIVER 119	TULCH MIDDLE FORK Jr 118	CREEK * 444 * AIDOLE FORK J* 118	ATODIE FORK & SACON TO THE PORT OF THE POR	* 44 * 44 MIDDLE FORK J* 119	A 44 4 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * * * * * * * * * * * * * * * * *	REFERENCE AND	* * * * * * * * * * * * * * * * * * *	SONN DAY RIVERS 118	SAL SEVER VAC SECUL	MIDDLE FORK JA 118	* 44 MIDDLE FORK 3* 118 *	FORK J# 113	* 44 MIDDLE FORK J* 119 * *	DATA * 00 AROT HPOON CONTRACT SOLIT * 00 AROTH POON CONTRACT S
* * * * * * * * * * * * * * * * * * *	SEERING OF A SEERING S	# GALENA # 444 42 # 444 42 # 44 44 # 44 42 # 44 44 # 44 44 # 44 44 # 44 44 # 44 44	A HALL MILL JOHN DAY RIVER 118	A 44 A HUMPHREY DANCT A GRANT A GRANT A GRANT A GRANT A GRANT A A A A A A A A A A A A A A A A A A A	# HUNT GULCH * ALA # GRANT MIDDLE FORK J* 1108 * * * * * * * * * * * * * * * * * * *	* INDIAN CREEK * 444 * GRANT MIDDLE FORK J* 118 * 118	ALCONTOL MIDDIA NONTOL ACCOUNTS AND ACCOUNTS	* FONG CREEK * 444 * GRANT MIDDLE FORK J* 119	* HONIMENT * 644 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * * * * * * * * * * * * * * * * *	SEERING OF A SEERING S	# GALENA # 444 42 # 444 42 # 44 44 # 44 42 # 44 44 # 44 44 # 44 44 # 44 44 # 44 44	A HALL MILL JOHN DAY RIVER 118	A 44 A HUMPHREY DANCT A GRANT A GRANT A GRANT A GRANT A GRANT A A A A A A A A A A A A A A A A A A A	# HUNT GULCH * ALA # GRANT MIDDLE FORK J* 1108 * * * * * * * * * * * * * * * * * * *	* INDIAN CREEK * 444 * GRANT MIDDLE FORK J* 118 * 118	ALCONTOL MIDDIA NONTOL ACCOUNTS AND ACCOUNTS	* FONG CREEK * 444 * GRANT MIDDLE FORK J* 119	219 * HONLIMENT NORTH FORK JOS 119
* * * * * * * * * * * * * * * * * * *	SEERING OF A SEERING S	# GALENA # 444 42 # 444 42 # 44 44 # 44 42 # 44 44 # 44 44 # 44 44 # 44 44 # 44 44	A HALL MILL JOHN DAY RIVER 118	A 44 A HUMPHREY DANCT A GRANT A GRANT A GRANT A GRANT A GRANT A A A A A A A A A A A A A A A A A A A	# HUNT GULCH * ALA # GRANT MIDDLE FORK J* 1108 * * * * * * * * * * * * * * * * * * *	* INDIAN CREEK * 444 * GRANT MIDDLE FORK J* 118 * 118	ALCONTOL MIDDIA NONTOL ACCOUNTS AND ACCOUNTS	* FONG CREEK * 444 * GRANT MIDDLE FORK J* 119	PPO219 * HONLMENT NORTH FORK JOS 119 200 1 *
* * * * * * * * * * * * * * * * * * *	SEERING OF A SEERING S	# GALENA # 444 42 # 444 42 # 44 44 # 44 42 # 44 44 # 44 44 # 44 44 # 44 44 # 44 44	A HALL MILL JOHN DAY RIVER 118	A 44 A HUMPHREY DANCT A GRANT A GRANT A GRANT A GRANT A GRANT A A A A A A A A A A A A A A A A A A A	# HUNT GULCH * ALA # GRANT MIDDLE FORK J* 1108 * * * * * * * * * * * * * * * * * * *	* INDIAN CREEK * 444 * GRANT MIDDLE FORK J* 118 * 118	ALCONTOL MIDDIA NONTOL ACCOUNTS AND ACCOUNTS	* FONG CREEK * 444 * GRANT MIDDLE FORK J* 119	16NPPO219 * HONEMENT NORTH FORK JOS 119 ORC I *
A CARACTA CARACTA CARACTA CARACTA CARACTA CONTROL CONTROL CONTROL CONTROL CARACTA CARA	SERVICE TO SOUTH THOSE AND THE SERVICE SERVICE SERVICE TO SOUTH TO SOUTH THOSE SERVICE	A CALENA MIDDLE FORK JA 118 4 K	216 # HALL MILL JOHN DAY RIVER 118 I # 6RANT" - JOHN DAY RIVER 118	217 # HUMPHREY RANCH A 444 00 # GRANT JOHN DAY RIVE* 119 1 # ***********************************	9 # HUNT GULCH * 444 * GRANT MIDDLE FORK J* 118 I * * * * * * * * * * * * * * * * * * *	716 * INDTAN CREEK * 444 47 * GRANT MIDDLE FORK J* 318 D * *	A COTNOON MIDDLE FORK LA 1100 D F CRANT MIDDLE FORK LA 1100 D F CRANT F CRANT F F CRANT F CRAN	1 # LONG CREEK # 444 1 # GRANT MIDDLE FORK J# 119 1 # A A A A A A A A A A A A A A A A A A	119 * HONEMENT NORTH FORK

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29.37 PAGE 213 OF TABLE 1

## 1 10 NO # ACTV DEP # CODE CODE # STATUS # ************************************	⊕ *	X 4 M X M X M X M X M X M X M X M X M X	*****	*****	A V E E E E E E E E E E E E E E E E E E	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		APORTO PARTICION A A A CERTO A A CERTO A A CERTO A A A CERTO A A A CERTO A A A A CERTO A A A CERTO A A A CERTO A A A CERTO A A A A CERTO A A A A A A A A A A A A A A A A A A A	C 1000 6)	*FXIST*RNO*ANUL* COST*RNO*CONOMIC************************************
ORENPEDSEO ORUGISS S DRC I	CRANT GRANCH JOHN DAY RI		**************************************	****	k 97	K K K K K K K K K K K K K K K K K K K	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
DRENPPORTA DRUGGS S DRC D	PICTURE GORGE	(DAYVILLE) JOHN DAY BIV	* 44 30.9 E* 119 37.0	****	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.000 0.000 0.000 0.000 0.000 0.000	0 8 8 9 9 8 9 8 9 8 9 8 9 8 8 9 8 9 8 9	E E E E E E E E E E E E E E E E E E E	NU 60 NU 44 NU 44 NU 44 A 45	
ORENPP2788 1 CRU0988 1 S	PURTER	MIDDLE FORK	4 44 80 9 4 119 W 0	****	. # # # O # O ! I !!	6.000 0.400 0.000 0.000	O M M M M M M M M M M M M M M M M M M M		**************************************	
ORGNPPO222 * ORUG247 * S DFC D *	TWOMILE CANYON GRANT	NORTH FORK	44 555 52 119 146 4 119 148 4 148 4	****	4 * * * * *	0000 0000 0000 0000 0000 0000 0000	0 00 M	1000 A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
ORENPPOSSS * ORUGES4 * ORC I *	ADE: HARNEY	DEEP CREEK	* * * * * 119 10 * 4	#### #####	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 000 000 000 000 000 000	0 0 0 0 m m m m m m m m m m m m m m m m	0 to the state of	57 46 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
DR6NPW0410 x DRU0058 x 9 DRC I x	BLACK BUTTE HARNEY	MALHEUR RIVER	## 118 40°0 450°0	I ~	4 4 4 C	10000 10000 100000 10000	ON M M M M M M M	O M M N N N N N N N N N N N N N N N N N	10 4 6 6 6 6 6 6 6 6 7 6 8 8 8 8 8	
GRENPPOSSO * ORUGISS * S DRC I *	BURNT CAR Harney	DONNER AND BL	* 40 44.0 * 118 50.0 117	****	* * * * * * * * * * * * * * * * * * *	M M M M M M M M M M M M M M M M M M M	O NI RI © 00 0 00 0 00	100000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
GRENPPORKZ * CRUCASO * CRUCASO * CRC I	FRENCH GLEN HARNEY	DONNER AND BL	* 42 46.9 * 118 52.0 * 200	IH ****	0 TO	**************************************	N N N N 1 1 4 0 0 4 1 0 0 4 1 0	111407	03 01 60 45 60	
**************************************	* ORENPOSSI * STLVIES CANYON * ORUG441 * HARNEY * 5 DFC I *	SILVIES RIVER	* 43 45.9 * 119 11.0 * 921	***	* * * ± 0.00	10 10 10 10 10 10 10 10 10 10 10 10 10 1	M M M	000	# # # NO	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,37 PAGE 214 OF TABLE 1

20100000000000000000000000000000000000	在		# # 1-070 MU # 00	# # # # # # # # # # # # # # # # # # #		4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * O O * * O O O III	# 47 47 4 4 00 4 4 00 4 4 4 4 4 4 4 4 4 4	* NO 11 NO 4 O O I
		*****	999		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	0.00 9.90 9.90 9.90 9.90	4 41610
TAR COUNTY	在	000	C C C C C C C C C C C C C C C C C C C	000	O O O O O O O O O O O O O O O O O O O	000000000000000000000000000000000000000	000000000000000000000000000000000000000	* * * * * * * * * * * * * * * * * * *	000
# # # # # # # # # # # # # # # # # # #		100 200 200 000 000 000	23 43 65 65 65 65 65 65 65 65 65 65 65 65 65	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11 11 11 11 11 11 11 11 11 11 11 11 11	о то 4 о м 60 о	N 1 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0	10.0 1998 30	M M M M M M M M M M M M M M M M M M M
	2	* * * * * * * * * * * * * * * * * * *	751 136,0 *	HA WA	18C DP 70.04	80 H M	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# 0.80.10 P.0 P.0 P.0 P.0 P.0 P.0 P.0 P.0 P.0 P.
5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	* * * * * * O * N	M * 0	* * * * *	# # # # #	* * * * *	****	****	* * * * *	* * * * m ² ~
00 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	* 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N M N M	ณ (ก เม (ก 4 • ม (ก	N 11 12 12 12 12 12 12 12 12 12 12 12 12	45 27. 121 39	45 34. 121 31	4.03 tv1 101 tv1 000 tv1	45 34.	123 P. 12 P.
* * * * * *	******	* * * * * * * * * * * * * * * * * * *	****	. * * * * *	****	* * * * * 4 W Z	****	* * * * *	* * * * Ø > Ø H
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	# # # # # # # # # # # # # # # # # # #	CREEK GREEN POINT	TAKE ORANCE	LAKE BRANCH	DAM CLEAR BRANC R. DIST.	E PORTE	HOODRIVER AND LIGHT	E FORK HOOD	APPLEOAL
ID NO # PRIMARY CO. NAME ID NO * PRIMARY CO. *NAME OF STREA	**************************************	GREEN POINT CREE	LAKE BRANCH 1 HODD RIVER	LAKE BRANCH 2 HOOD RIVER	LAKE LAURANGE I HOOD RIVER MIDDLE FORK IR	NEAL CREEK HODD RIVER	POWERDALE HOOD RIVER PACIFIC POWER	UOP ORUO907 Hono River	APPLEGATE CORPS OF ENGINE GACKSON APPLEGATE I
THE TO NOT A THE CODE PARTIES OF THE CODE PART	24 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	DRENDERSOO ** ORUQBE1 ** OPC I **	DRANDPR731 + ORUGBS1 + OFC I +	084NPP27482 # # 08U0952 # # 0FC U # # # 0FC U # # # # # # # # # # # # # # # # # #	0RCNPP00248 * * 0R00451 * * * 0FC I * *	086NPP27455 * 08U08745 * 8	## ## DAGO O O O O O O O O O O O O O O O O O O	0RSNPP2709 # 0RU0907 # # 0Pfc 1 # #	* ORCNPPOSS6 * ORUGO78 *

CATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,37 PAGE 215 OF TABLE 1

* * * * * * *	A SOL	**************************************	* *	* CO B B B B B B B B B B B B B B B B B B	* * * * * *	A A A T C C A A A A A A A A A A A A A A	******** ******* ******* ******* ****	1		######################################)	****	CONCALC NOUNCE CONCOCON ENCE RANCO ENCE RANCO NOE RANCO
6 C A A A A A A A A A A A A A A A A A A	BIG BUTTE CREEK (MCNEIL) Jackson Big. Butte C	X S S S S S S S S S S S S S S S S S S S	DLI DLI	* * * * * * * * * * * * * * * * * * *	****	118 278.0*	190.0 115000 164.8	***	* * * *			# K K K K K K K K K K K K K K K K K K K	在 任 我在 女 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在
T CASTL TACKS	CASTLE CREEK CACKSON	Buode	RIVER	42 54.0 122 28.0	*****	11.0 12.0 14.4 14.4 14.4 14.4 14.4 14.4 14.4 14	000 ° 000 °	****	* * * * *	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1898 36.35	****	* * * * * * *
* CASTL * JACKS	CASTLE CREEK (1 Jackson	(MT STELLA) ROGUE RIVER	RIVER *	24 44 44 44 44 44 44 44 44 44 44 44 44 4	****	73 365 365 40	000 000 000 000 000 000	***	* * * * * 000 mm mm	1000 A 100 A	2002 34.586	****	R 42 44 46 46
TANK TANK TANK TANK TANK TANK TANK TANK	α W Σ C	LITTLE BUTT AND LIGHT ROGUE RIVER		24 26 27 27 27 20 20 20 20 20 20 20 20 20 20 20 20 20	******	TG TF	4 6 0 W	00 60 F	mom or		11 88 00 80 80 80 80	*****	*****
ELK CREEK CACKOON	REEK (CORPS On EL! (NPP)	. P.	0 U U 0 X 2 H 2 X 2 X 3 X X X X X	0 14 H	****** n o n	081CRH **	10 m m m m m m m m m m m m m m m m m m m	100 000 100 000 100 mm	100 - 6-00 100 - 00 M			*****	****
EMIGRANT JACKSON DOI USBR	NO TOOK	eh igranj	2 C C III III K # # # # #	42 9.6 122 36.2 100	* * * * *		44 44 60 60 60 60 60	***	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * 0 00 0 0 0 0	283.08 30.68	*****	****
FOSTER CACKSON	S C S S S S S S S S S S S S S S S S S S	3000E	CC (CC)	42 49 44 122 23 11 62	****	T	219,7	0.00	****	27100 27100 27100 27100	1.00 to 1.00 t	****	*****
# GOLD HILL	* ORANPPO275 * GOLD HILL * ORUGES4 * JACKSON ROGUE RIVER * 5 OFC D *	ROGUE	* * * *	123 24.0 123 4.0	* * * *	I IS 3600.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	2711	* * * *	12.00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	50. 70	***	* * * * *

DATE 14 FEB BI NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,37 PAGE 216 OF TABLE 1

	在在在条件的	****	****	****	****	****	****	****	***
#####################################	本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	000 000 000 000 000	6 6	80 00 00 00 00 00 00 00 00 00 00 00 00 0	M N M N M N M N M N M N M N M N M N M N	4607.0 39.155	2514 653,994	2699 _e 3	00
KANAMANAMANAMANAMANAMANAMANAMANAMANAMANA		00 mm 000 mm 000 mm 000 mm	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00000	* * * * *	117660 **	* * * * *	* # # # # # # # # # # # # # # # # # # #	303000 ***
KENZO KE		4.40 6.66 6.01	16000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 N M M 44 0	C 0- 0- C 0- C 0- C 0- C 0- C 0- C 0- C	N IN	7 1 1 1 0 0 m m	00067
######################################		* * * * * * * * * * * * * * * * * * *	76°00 176°00 176°00 * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	****	* * * * * * * * * * * * * * * * * * *	# 0° \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
**************************************		W 11 W 1000 W 11 W 11 W 11 W 11 W 11 W	133°0**	100 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 E E E E E E E E E E E E E E E E E E E	DRICH * 18 2600.0*	0 0000 m	TCAIC IS PS TS TS TS T	
* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	44 44 44 44 44 44 44 44 44 44 44 44 44	2 M 0 M 2 M 2 M	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	120 26 30 00 00 00 00 00 00 00 00 00 00 00 00	100 100 100 100 100 100 100 100 100 100	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 42 40 0 * 122 40 2 * 574
		ROGUE RIVER	NGS EMIGRANT CREET	EVANS CREEK	ROGUE RIVER	ROGUE RIVER	CREEK ROGUE RIVER	ROAUE RIVER	ROGUE RIVER
ARREADAMENTA DE PROPERTA DE SARREADAMENTA DE SARREADAMENT	AKARANAMAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAK	GOLD RAY JACKSON JACKSON COUNTY	GREEN SPRINGS JACKSON BUREAU OF REC	HOMESTEAD GULCH Jackson	KINER OREEK JACKSON	LEXIS CREEK JACKSON	LITTLE BUTTE	LDNG CREEK JACKBON	LOST CREEK JACKSON ROGUE RIVE DAEN NPP
**************************************		# ORANPPO292 # # DRO0895 # # 6 DRC I #	* 0700004 * * 0700000	* ORENPREST * CRUGS44 * S OFC I *	* DR5NPP0257 * CRU0108 * 2 DRC D * *	** GR6NPP0276 * GRU0668 * * 6 DRC I *	* ORSNPP2669 * ORSNPP2669 * ORU0569 * *	* DRENPROSSS * ORUGIII * 6 DRC IX	# ORINPPO293 # # ORO0612 # # 5 OFC D #

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,38 PAGE 217 OF TABLE 1

* * * * * * * * * * * * * * * * * * *	PROJECT NAME PROJECT NAME * PRIMARY CO. ENAME OF STRE **	X d	LATTUDE CONGITUDE CO ANEA (O A.M) (O A.M)	2	# # # # # # # # # # # # # # # # # # #	. 0333 004000 440	(ANUL COMPANDE (1000 4)	THE COLUMN TO THE COLUMN THE COLUMN TO THE COLUMN TO THE COLUMN TH
GRENPERSE GRUCASA 5 DRC I		k (k	E					# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	电电影电影电影电影电影电影电影电影电影电影电影电影电影电影电影电影电影电影电
ORHNPPO251 ORPO19	PROSPECT NO.1 JACKSON PACIFIC POWER	ROGUE RIVER/A*	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 00 100 000 4 * * * *	N	3760 3760		00	
ORHNPPOSSE ORPGORG P DFC I	* PROSPECT NO PACKSON PACKSON PACKSON * PACKSON *	* ROGUE RIVER/M* AND LIGHT *	4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	80°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°	E 1 6000 0000 0000	# # # # # 00000 0000 00000 00000	0.001 0.001 0.001 0.001	
DRHNPPO253	PROSPECT NO 3 JACKSON PACIFIC POWER	SOUTH FK ROGUE AND LIGHT &	42 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100 100 100 4 4 4 4 4 4	100 100 100 100 100 100 100 100 100 100	7200 4000 11200	* * * * * * * * * * * * * * * * * * *	em en en en en en en en en en en en en en	
OXHNPPONS GREGORS PFC DFC	* PROBPECT NOS * JACKSON * PACIFIC POWER	ROGUE RIVER/M* AND LIGHT *	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	11 00 11 00 10 00 10 00 00 00 00 00 00 0	** * * *	1000		00	
DRSNPPO281		ROGUE AIVER *	42 28 28 19 19 19 19 19 19 19 19 19 19 19 19 19	30 M M M M M M M M M M M M M M M M M M M	M44 M44 OOD	11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
DRSNPPOZBZ GRU069Z		#0GUE RIVER * * * *	44 44 44 44 44 44 44 44 44 44 44 44 44	E A A A A		0 P	* * * * * * * * * * * * * * * * * * *	M W W W W W W W W W W W W W W W W W W W	
ORLORDS S	A GOOR DOWN	# # # # # # # # # # # # # # # # # # #	10 M M M M M M M M M M M M M M M M M M M	報 表 女 女 女 〇 〇 〇 〇 〇 〇 〇 〇 〇 〇 〇 〇 〇 〇 〇 〇 〇	******	N N 24 24 24 24 24 24	****	M P P S S S S S S S S S S S S S S S S S S	
* ORGNPO267 * RUCH * ORUG439 * JACKSON APPLEGATE * 5 ORC I *	A CADKOON	# 42 12.0 APPLEGATE RIV# 123 3.427	42 12.0 * 123 3.0 * 427 *	五 (((((((((((((((((((4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	R R 6 0 6 0 0 4 4 4	* * * * O	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	

*020200	医电性假性 电电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电	* * * * <u>*</u>			* * * *	***		***	
* * * * * * * * * * * * * * * * * * *	* * * * * * * O #	P4 * * * *	* * * * *	##### Mo	F-4	604		0.0	
DO OI	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	. C	00 0 4 0 8 0 8 0	4.6	759°	67 3A 64 3A 64 6 64 6 64 6 64 6 64 6 64 6 64 6 64	ໜ ພ ລຸດ ລຸດ	642	39,439
	* * * * * * * * * * * * * * * * * * *	() ED	W 4	o w	<u>v</u> 4	AL PI	וח תו	3 %	n m
*****	****	****	* * * * *	****	****	****	****	* * * * *	****
# 00 00 # # # # # # # # # # # # # # # #	# 0 ~ 0 m # m o m # m o m # m o m # m o m	M W 99 99 94 94 94 94 94 94 94 94 94 94 94		100 mm	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0 00 0 00 0 00 0 00	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	161649	12991
2		4 4 0 0 0 0 0 0	17126	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 6 60 6 60 6 10 6 10 6 10	0 m m N N 0 0 0 N N	24 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6. W 8. W 8. W 8. W 9. W 9. W 9. W 9. W 9. W 9. W 9. W 9	45671.* 45671.*
	* * * * *	****	****	****	****	****	****	****	****
**************************************	E 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1800 1400 1400	10 10 10 10 10 10 10 10 10 10 10 10 10 1	000	2000 2000 2000 2000 2000	00000 0000 0000	10°00 170°0 199°0	M & M M O M N O 4
		****	****	****	****	* * * * *	* * * 5	* * * 5 *	* * * *
		7 4 5	2400	470.0	1529	1529	# 509	800	860
	# 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3. Ru	0.04	-	52 S	50 S	80 8	8	# # # # # # # # # # # # # # # # # # #
# CL # CL # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	40.00 100	24.0 * I 400.0 * I 1144 * 12400	00.00 10.00 t	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8 15 65	4 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	9.7 * I 17.7 * IS 300 * 800	00 m
# CL # CL # # # # # # # # #		0.00 0.00 0.00 0.00 1.00 1.00 1.00 1.00	N	***** EM *****	44 44 1500 44 44 1500 44 44 44 1500 44 44 1500 44 44 1500 44 1	* * * * *	7. 4 4 7. 4 4. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	9.7 * I 17.7 * IS 300 * 800	****
######################################		2 49.9 # I 22 29.8 # IS 291 # IS	2 34.5 % I 22 48.0 % I 1144 % 12400	2 52.0 4 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	# 44 29 4 # H # 121 17 17 8 8 10 # 4500 # 1529	44 30.0 * H * 44 30.0 * H * 121 16.9 * 18.29 * 4 430 * 1829	RIV* 121 7 0 1 T T T T T T T T T T T T T T T T T T	A 44 29.7 * I FIVER* 121 17.7 * IS 4300 * 900	# 444 30 0 # # 11 1 10 0 0 # # 12 1 10 0 # # 12 1 10 0 # # 12 1 10 0 # # 12 1 10 0 # # 12 1 10 0 0 # # 12 1 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
######################################		4 42 49.9 # I 4 122 29.8 # IS 7 4 191 # IS	4 40 W7 6 B H H 120 4860 4 MS	4 40 50°0 4 1 4 40°0 10°0 4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 44 29 4 # H # 121 17 17 8 8 10 # 4500 # 1529	44 30.0 * H * 44 30.0 * H * 121 16.9 * 18.29 * 4 430 * 1829	* 44 47 9 * T * 44 47 9 * T IV* 121 7 5 5 * 16	GURGE * 44 29.7 * H CROOKED RIVER* 121 17.7 * IS 4 4300 * 800	# 444 30 0 # # 11 1 10 0 0 # # 12 1 10 0 # # 12 1 10 0 # # 12 1 10 0 # # 12 1 10 0 # # 12 1 10 0 0 # # 12 1 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
STATEMENT OF STATE		FIVER # 122 29 8 T S 74 55	# 42 07 0 # I RIVER # 122 48 0 # IS 1144 # 12400	RIVER * 120 S2.0 * I RIVER * 120 28.4 * 18	* 44 29 4 * H VER* 121 17 5 5 10 4 4300 * 1529	VERT 121 16.9 * 15.09	RIV* 121 7 0 1 T T T T T T T T T T T T T T T T T T	* 44 29.7 * H * 44 29.7 * H KED RIVER* 121 17.7 * IS 4300 * 800	# 44 30.0 # 44 30.0 # # 44 30.0

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,38 PAGE 219 OF TABLE 1

	PRIMARY CO. LNAME OF STREAM OF STREAM	** CD WAREA ** CD WAREA ** (CD W.M) ** (CD W.M) ** (SG.MI)	AVE. 0 *PER. HO. (FT) (AVE.) (AVE.) (AVE.) (AVE.)	(FT) * * (FT) * * (FT) * * * (FT) * (44 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	#	C 1000 - 6)	DOST TENCONDATO THE FOR NOMEON TO A THE FOR NOMEO
0810 0810 0810 0810 0810 0810 0810 0810	**************************************	************ * 44 09 4 * 101 09 4 * 101 09 6	**************************************	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * 00 7 * * * * * * * * * * * * * * *	***	**************************************
087NPP0298 3 08U0199 5 DFC D	A CAREK A CARREGON MATCHUS TIVES	44 33.5 121 36.4 117 4	TH 00 00 10 10 10 10 10 10 10 10 10 10 10	172.0 270000 2999.7 **	1140000		0 m 0 m 0 m 0 m	
ORTNPPO296 ORHO102 6 DRC I	JEFFERSON CREEK JEFFERSON METOLIUS RIVER	*	T H O O O O O O O O O O O O O O O O O O	8000 8000 9000 9000		22 12 13 13 13 13 13 13 13 13 13 13 13 13 13	4487.4 20.83	***
DR6NPPO297 1 ORUO119 1 E 1	* METOLIUS BENCH * JEFFERSON METOLIUS RIVE*	24. 15. 15. 15. 25. 26. 26. 26. 26.	T 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2		***** ON:00 999 999 999	80 4 50 50 50 50 50 50 50 50 50 50 50 50 50	
DRINPPOGGOS DROOSER S OFC D	* PELTON DAM PESCHUTES RIV* PORTLAND GENERAL ELECT **	44. 41.6 121. 13.8 7800	10 P P P P P P P P P P P P P P P P P P P	800 800 800 800 800 800 800 800 800 800	108000 108000 100000 1180000	4 4 4 4 4	© M 4 40 4 40 4 40 4 40 4 40	
ORCNPPOSO4 & ORCOS47 & C	* PELTON REGULATING DAM * JEFFERSON DESCHUTES RIV* PORTLAND GENERAL ELECT * *	44 43.4 121 14.7 7820	Tir Tir Tir Tir Tir Tir Tir Tir Tir Tir		115000 115000 115000 115000	0 40 0 40 0 40 0 40 0 40	927.41 10.198	
0RINPPO306 * 0R00549 * 8	* ROUND BUTTE DAM * • JEFFERSON DESCHUTES RIV* • PORTLAND GENERAL ELECT *	44 36.3 121 16.6	1	20M 20M 200 200 200 200 200	4 7 0 50 7 4 51 6 7 9 50 50 50 50 50 50 50 50 50 50 50 50 50	20 00 40 00 00 00 00 00 00 00 00 00 00 00	0 C	
DRUNPPOMOO ** DRUOMOS ** STORE D **	STEELHEAD TALLS JEPPERSON DESCHUTES RIVA	44 25.0 121 16.9	TH 000	M	1090d 1090d 1090d 1090d	616616 016616 4444	88 4 6 6 6 8 6 8 7 8	
0R7NPP0301 * 0RU0423 * 6 DRC D *	* DR7NPP0301 * WHITEWATER CREEK * CRU0423 * JEFFERSON METOLIUS RIVE* 6 DRC D * 1	44 40.4 121 33.8	* * * * * * * * * * * * * * * * * * *	10000 10000 10000 10000	241126 241126 341126		3503.4 17.556	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,38

2.		8 8 C C C *	AVE. O	* (PL) * * * * * * * * * * * * * * * * * * *	*	100 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	(S) A C C C C C C C C C C C C C C C C C C	#INC. ECNERGY # ENGLOS TO # EN
ドス団とは、ドス団とは、日本のこう	* * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	T II	# # # # # # # # # # # # # # # # # # #	0 M M 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	######################################	60 4 4 60 60 60	***
BALD MOUNTAIN JOSEPHINE	ILLINOIS RIVER	42 24.0 123 57.9	2 H 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4	10000 10000	0 000 PM	* * * * * * * * * * * * * * * * * * *	24 M	
CLEAR CREEK Josephine	ILLINDIS RIVER	42 23 23 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25	0000 N	0004 0004 0006 0008 0008	00000 20000 20000 20000	* * * * * * * * * * * * * * * * * * *	16-29-9	* * * * *
FALLS CREEK Josephine	ILLINGIS RIVE*	42 17.9 123 46.0 367		M W W W W W W W W W W W W W W W W W W W	0000901	44 44 0000 000 44 0000	10041	
KERREY JOSEPHINE	A AMULING BINGS BILLING BINGS BILLING	12.2 12.3 12.3 12.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	185.0 1000000 134.8 *	17707	64797 64797 64797	61 40 40 40 40 40 40 40 40 40 40 40 40 40	
WZ HILLWOOD T	APPLEGATE RIVA	1 1 2 1 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	1	1000 1000 1000 1000 1000 1000 1000 100	1866 1866 1866 1866	(A. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18	4060.1 73.486	****
PEASE BRIDGE LOSEPHINE	GRANNER CONTRIBUTE CON	10 3 30 4 10 10 10 10 10 10 10 10 10 10 10 10 10	# # # # # # # # # # # # # # # # # # #		000 000 000 11 H		01 41 NU CO NU CO OD O OD O OD O	****
DAMEY FALLS Josephine	REW BUSOR	100 M8.4	13 13 13 14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	M W W W W W W W W W W W W W W W W W W W	100000	44 00000 4 4 4 4 4	60 C	
SEXTON COMPTINE	***************************************	42 33.5 123 20.9	13 4 4 0 0 0 5 1 4 4 4 0 0 0 5 1 4 4 4 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6	185.0 48700 179.8	44	0000	306.3	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.38 PAGE 221 OF TABLE 1

* E B B B B B B B B B B B B B B B B B B	常教祖宗教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教	***	***				****	****	在
* - O E	本音音化表音化表音化表音 的"中文" Ohe Philiping of Artificial Control of Control	4 1.00 00 00 00 00 00 00 00 00 00 00 00 00	M CO M NO M NO M NO M NO M NO M NO M NO M N	.00	00	00	# 0.000 0.00	10047 1000 1000 1000 1000 1000 1000 1000	***************************************
**************************************		K T K T K T K T K T K T K T K T K T K T	0740 0740 4 4 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * *	****	4 4 20 5 1 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	* * * * O 06 08 37 37 37 37 00 00 01 01	14746 14746 14466 1446	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* 4 4 6 * 4 4 6 * 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		000 000 000 000 000		3 3 0 0 0 0 0 0	000	# # # # 0000 02:000 00		4 4 4 4 0 00 0 00 0 00 0 00 0 00 0 00 0	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
****	K K K K K K K K	2800000 1 4000000 1 4000000	W 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 6 84 0 46 0 00 0 00 0 00	# # # # # 0 0 0 0 0 0 0 0 0	* * * * * 0 00 *	M + # # # # # # # # # # # # # # # # # #	MW 000 000 000 000 000 000 000 000 000 0	1000000 # #############################
		TE 000 00 00 00 00 00 00 00 00 00 00 00 0	138 108 108 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	FC 0.69.02	# # # # # # # # # # # # # # # # # # #	HC OP 1876.0*	7	TOH TOH ON ON TOH	A
r aitai	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	22 23 25 24 25 25 25 25 25 25 25 25 25 25 25 25 25	43 30 5 4 121 40 9 4 185 4 4	40 1 47 8 9 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	42 12.0 **	44 00.0 0.0 W W W W W W W W W W W W W W W	42 0.0 # 121 57.6 # 3920 #	M 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 40 4° 7 * * * 100 4° 7 * * * 100 4° 7 * * * * * * * * * * * * * * * * * *
PRIMARY CO. INAME OF STREAM OF STREAM	SUCKER CREEK ** COOKERINE SUCKER CREEK **	** BEAR SPRINGS KLAMATH RIVER* * PACIFIC PWR. AND LT. **	CRESCENT CREEK TAMATH CREEK TAMATH CREEK TAMATH CREEK TAMATH CREEKE TAMATH CREEK TA	EAST AND WEST SIDES ON LINK ** KLAMATH KLAMATH ** PAC PWR AND LT.	GERBER RESVERVOIR ** * KLAMATH MILLER CREEK **	J.C.3DYLE KLAMATH ** PAC PWR AND LT.	KEND KLAMATH KLAMATH *	ODELL LAKE ODELL CREEK ** KLAMATH ODELL CREEK **	SALT CAVES KLAMATH RIVER PACTFIC PUR AND LIGHT
7 7 1 10 NO		0768PN0049 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	086NPP2752 * 1 08U0819 * 1 08U 08U 1	DRGGGPNOOSG X	0RCSPN0050 **	CRGSPNOOSS **	A A A A A A A A A A A A A A A A A A A	025NPP0317 # 0250004 # 5 020 0 # 5	を

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,39

### CANAS BOSHOLOND A CLARA RASARS R	公司 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基								
* F	8 8 8 (1) es	w eu	0 -4	~ 6	00	no	er 20	m	P-04
# > OE	# 80 0 # 80 0 # 80 0 # 80 0	ស ្		4 . W			90 90 80 80 80 80 80 80 80 80 80 80 80 80 80	~~	80.42 80.0 80.00 90.00
# JE 0.0	# * N # # O # M N	1100	0.4	8 M		988	4 W	100	24
******* **E	* * * * * * * * *	****	****	****		****	****	****	****
* & & & & & & & & & & & & & & & & & & &	* 0 0 0	50 mm	0 11 12	000	922	00%1	60 60 60 60 60 60	N N N N N N N N N N N N N N N N N N N	0.00
* - 2 Z Z Z Z Z	한 산 산		1471			55	4 4	4 4	31052
XXXD XXXD	# # #								
A CERT) A CERT) A CERT) A CERT	******	ONM	* * * * * • • : *	000	000	044	964	ON W	000
*OUKAAA *KKKE	# # #		3731			0 0 0 0 0 0	6737	0 0 0 0 0 0 0 0 0 0	70928
*	# #							CU PU	
XXO BUHL	- 佐 七								1
* * * * * * * * * * * * * * * * * * *	* * * * *	* * * * * * * * * * * * * * * * * * *	000	000	OM 0		OBB	000	000
	# 4 10 # 40 # 50 # 00	60 v.	100.0 8300 899.6	4 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4	2 2 2 2 2 3 2 3 3 4 3 4 3 4 3 4 3 4 3 4	137.0 64000 112.8	0 6	2325.0 177.8	195 9000 129 a
* * * * * * * * * * * * * * * * * * *	化 化 化		PI	• •				W T	
	* •	****	* * * * *	****	****	* * * * *	****	****	* * * *
* C C C C C C C C C C C C C C C C C C C	* *	0.8	128	0	10	101 101 101	0 8	099	000
**************************************	* * *	H 00 80 80 80 80 80 80 80 80 80 80 80 80	ru -		•	N.	6	ç	110 80 40000
# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Õ.	2	40	* * * * * * * * * * * * * * * * * * *	80 N	8	999	* * * * * * * * * * * * * * * * * * *
* * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		T # # # #	######################################	* * * * * * * * * * * * * * * * * * *	****	00 00 T === 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	* * * *
* * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	40 00 00 00 00 00 00 00 00 00 00 00 00 0	10.00 01.00	0 W1.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M110 M100 M101 M M M101 M M M M M M M M M M M M M M M M M M	MO.0 * T WO.0 W W.W. * * * * * * * * * * * * * * * *	19,0 * T	0.0 24.0 14.4 14.4 14.4 16.0	80 00 00 00 00 00 00 00 00 00 00 00 00 0
A A A A A A A A A A A A A A A A A A A	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		100 100 100 100 100 100 100 100 100 100	M M M M M M M M M M M M M M M M M M M	* * * * * * * * * * * * * * * * * * *	14 W WO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	19,0 * H. 10,000 * 11,000 * 10	444 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	122 8 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
A PERSONAL PROPERTY OF	**************************************	CR# 120 MC. 4 # 11 MC 4 #	0 10 4 4 1 1 8 1 1 8 1 8 1 8 1 8 1 8 1 8 1 8	42 55 55 55 55 55 55 55 55 55 55 55 55 55	120 311 6 4 1 1 1 2 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	# # # # # # # # # # # # # # # # # # #	71 * 1000 100 100 100 100 100 100 100 100	# 440 0.0 # I	× 44 44 44 44 44 44 44 44 44 44 44 44 44
A	在有效,在在人工的,是一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一	CR# 120 MC. 4 # 11 MC 4 #	* * * * * * * * * * * * * * * * * * *	X 4 40 50 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	# # 100 00 # # T # # # # # # # # # # # # # #	T 4 0,0 0 T 4 T 0 T 0 T 0 T 0 T 0 T 0 T 0 T 0	71 VER # 444 0.0	4 1000 0 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A	在有效,在在人工的,是一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一	CR# 120 MC. 4 # 11 MC 4 #	CREEK * 400 100.4 * TO 00.4 * TO 00.	CREEK # 120 57.0 # 11	CREEK * 120 31.0 * 1	# # 100 00 # # T # # # # # # # # # # # # # #	FORK NC* 122 10.0 T T TO T T TO T T T T T T T T T T T T	71 VER # 444 0.0	4 1000 0 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A	在有效,在在人工的,是一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一	CR# 120 MC. 4 # 11 MC 4 #	CREEK * 400 100.4 * TO 00.4 * TO 00.	CREEK # 120 57.0 # 11	DDY CREEK # 120 31,1 # 0P # 150	# # 100 00 # # T # # # # # # # # # # # # # #	FORK NC* 122 10.0 T T TO T T TO T T T T T T T T T T T T	71 VER # 444 0.0	4 1000 0 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A	在有效,在在人工的,是一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一	COTTONEDED CRR 180 66 8 11 COSTONEDED CRR 180 30 4 8 0P COSTRS 180 8 180	CREEK * 400 100.4 * TO 00.4 * TO 00.	DARENS CREEK # 42 55.9 # 11 DARENS CREEK # 120 34.0 # 170 ESSENS HNC # 100 # 1	# 42 11.6 # 1 MUDDY CREEK # 120 31.1 # OF EY # 130 # # #50	1 4 LW 50.0 1 4 T	# 44 59.0 * H # 44 59.0 * H # 122 10.5 * 18 * 71 * 280	# 44 0.0 # H SIUSLAW RIVER* 123 41.9 # 18	4 1000 0 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A	在有效,在在人工的,是一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一	COTTONEDED CRR 180 66 8 11 COSTONEDED CRR 180 30 4 8 0P COSTRS 180 8 180	FALLS * 40 10.4 * I DEEP CREEK * 119 57 51 * IS * 20 54 55 55 55 55 55 55 55 55 55 55 55 55	DARENS CREEK # 42 55.9 # 11 DARENS CREEK # 120 34.0 # 170 ESSENS HNC # 100 # 1	# 42 11.6 # 1 MUDDY CREEK # 120 31.1 # OF EY # 130 # # #50	# # 100 00 # # T # # # # # # # # # # # # # #	# 44 59.0 * H # 44 59.0 * H # 122 10.5 * 18 * 71 * 280	# 44 0.0 # H SIUSLAW RIVER* 123 41.9 # 18	4 1000 0 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A	在有效,在在人工的,是一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一	COTTONEDED CRR 180 66 8 11 COSTONEDED CRR 180 30 4 8 0P COSTRS 180 8 180	FALLS * 40 10.4 * I DEEP CREEK * 119 57 51 * IS * 20 54 55 55 55 55 55 55 55 55 55 55 55 55	DARENS CREEK # 42 55.9 # 11 DARENS CREEK # 120 34.0 # 170 ESSENS HNC # 100 # 1	EEK DAM * 40 11.66 * 1 MUDDY CREEK * 120 31.81 * OF K. KELLEY * 130 * * * * * * * * * * * * * * * * * * *	# # 100 00 # # T # # # # # # # # # # # # # #	CREEK + 43 59.0 * T * 43 59.0 * T * 10.5 * 10 * 71 * 20.0	71 VER # 444 0.0	4 1000 0 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A	在有效,在在人工的,是一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一个,一	COTTONEDED CRR 180 66 8 11 COSTONEDED CRR 180 30 4 8 0P COSTRS 180 8 180	CREEK FALLS * 40 10.4 + 1 0EEP CREEK * 119 57 59 + 18 * 249 + 18	TAC TO SEE THE TACK OF THE TAC	EEK DAM * 40 11.66 * 1 MUDDY CREEK * 120 31.81 * OF K. KELLEY * 130 * * * * * * * * * * * * * * * * * * *	A 190 SELECTAR RIVERS 120 WOLD A 100 WOLD A 100 WOLD A 100 WOLD A 100 WILLIAM A 100	CREEK + 43 59.0 * T * 43 59.0 * T * 10.5 * 10 * 71 * 20.0	NEW AUSTA * 444 0.0 * I STUBLAW RIVER* 123 41.9 * IS * 267 * 660	4 1000 0 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A	ALBRANCH ALBRANCH AND	T COTTONWOOD CR# 120 MO.4 # OP NO.5	FALLS * 40 10.4 * I DEEP CREEK * 119 57 51 * IS * 20 54 55 55 55 55 55 55 55 55 55 55 55 55	T 42 50 4 1 1 DREWS CREEK # 120 W7.0 4 DP HATER USERS INC # 100 W # 70	# 42 11.6 # 1 MUDDY CREEK # 120 31.1 # OF EY # 130 # # #50	# # 100 00 # # T # # # # # # # # # # # # # #	# 44 59.0 * H # 44 59.0 * H # 122 10.5 * 18 * 71 * 280	# 44 0.0 # H SIUSLAW RIVER* 123 41.9 # 18	4 1000 0 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A	TANDATA A PART A	A TOTTONWOOD DAN A COTTONWOOD CRA 12 A LAKE LAKE VIEW WATER USERS INC A 32 A 20	* DEED CREEK FALLS * 40 10.4 * I * LAKE DEEP CREEK * 119 57.55 * IS * A D49 * 129	THE DEFENS DAM DREES CREEK # 42 55.9 # II # 124KE THE MAYER USERS INC # 120 W7.0 # 170 # 70 # 70 # 70 # 70 # 70 # 70 #	* MUDDY CREEK DAM * 442 11.66 * 1 * 12AKE MUDDY CREEK * 120 31.8 OF * CHARLES K. KELLEY * 130 * * * * * * * * * * * * * * * * * * *	A ALMA ALMA ATVERS 12M MO.0 1 A T A LANE GIUSLAW RIVERS 12M MO.0 1 A MO.0 1 A LANE A A S.	A AUGUSTA CREEK A AU 190 A H A LANE SOUTH FORK MC* 122 10-55 A 100	A AUGTA NEW AUGTA A LANF STUBLAW AIVERA 1204 41.9 4 IS A LANF A BOLGLAW AIVERA 1204 4 IS A BOLGLAW A BOLG A 660	4 1000 0 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A	TANDATA A PART A	A TOTTONWOOD DAN A COTTONWOOD CRA 12 A LAKE LAKE VIEW WATER USERS INC A 32 A 20	* DEED CREEK FALLS * 40 10.4 * I * LAKE DEEP CREEK * 119 57.55 * IS * A D49 * 129	THE DEFENS DAM DREES CREEK # 42 55.9 # II # 124KE THE MAYER USERS INC # 120 W7.0 # 170 # 70 # 70 # 70 # 70 # 70 # 70 #	* MUDDY CREEK DAM * 442 11.66 * 1 * 12AKE MUDDY CREEK * 120 31.8 OF * CHARLES K. KELLEY * 130 * * * * * * * * * * * * * * * * * * *	A ALMA ALMA ATVERS 12M MO.0 1 A T A LANE GIUSLAW RIVERS 12M MO.0 1 A MO.0 1 A LANE A A S.	A AUGUSTA CREEK A AU 190 A H A LANE SOUTH FORK MC* 122 10-55 A 100	A AUGTA NEW AUGTA A LANF STUBLAW AIVERA 1204 41.9 4 IS A LANF A BOLGLAW AIVERA 1204 4 IS A BOLGLAW A BOLG A 660	4 1000 0 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
A	TANDATA A PART A	A TOTTONWOOD DAN A COTTONWOOD CRA 12 A LAKE LAKE VIEW WATER USERS INC A 32 A 20	* DEED CREEK FALLS * 40 10.4 * I * LAKE DEEP CREEK * 119 57.55 * IS * A D49 * 129	THE DEFENS DAM DREES CREEK # 42 55.9 # II # 124KE THE MAYER USERS INC # 120 W7.0 # 170 # 70 # 70 # 70 # 70 # 70 # 70 #	* MUDDY CREEK DAM * 442 11.66 * 1 * 12AKE MUDDY CREEK * 120 31.8 OF * CHARLES K. KELLEY * 130 * * * * * * * * * * * * * * * * * * *	A ALMA ALMA ATVERS 12M MO.0 1 A T A LANE GIUSLAW RIVERS 12M MO.0 1 A MO.0 1 A LANE A A S.	A AUGUSTA CREEK A AU 190 A H A LANE SOUTH FORK MC* 122 10-55 A 100	A AUGTA NEW AUGTA A LANF STUBLAW AIVERA 1204 41.9 4 IS A LANF A BOLGLAW AIVERA 1204 4 IS A BOLGLAW A BOLG A 660	4 1000 0 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
AND	A ALBERTON DAY A LEGISTA DAY A DAY BANDA DA CARA CARA CARA CARA CARA CARA CARA	COTTONWOOD DAM A 42 14.6 * I LAKE LAKEVIEW WATER USERS INC * 32 * 20	* A DEEP CREEK FALLS * 440 10.4 + H 42 * LAKE DEEP CREEK * 119 57.54 IS D * ARE	CAR & DREWS DAM BREWS CREEK & 120 W1.0 & OP 4 LAKE DREWS CREEK & 120 W1.0 & OP 4 LAKE WATER USERS INC & 120 W & 10	A 42 11.6 4 1 17 4 LAKE MUDDY CREEK # 42 31.1 4 OF A 14 CHARLES K. KELLEY # 130 31.1 4 OF A 14 CHARLES K. KELLEY # 130 4 4.30	A 4M SO. 1 A THA STUSLAW RIVERS 12M WO.O A 10 MILE IN MO.O A 10 MILE IN A 12M	TA LANE SOUTH FORK HC* 122 10.5 % IS I & TA	POSS9 # AUSTA NEW AUSTA # 444 0.0 # H OO75 # LANE SIUSLAW RIVER* 123 41,9 # IS RC D # 265 # 660	TALE BEAR CREEK ACKENZIE RIVER 122 20.4 + CKENZIE RIVER 122 20.4 + CKEN

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,39

A TON ON THE SECOND SEC	ASTATATATATATATATATATATATATATATATATATAT	世 2	ARRESERVANT LATITUDE &	有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有	本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女女	在在在本本在在在在在在本本在	**************************************	STATES COOL SENSON SENS
A ACTY DEP A CODE CODE A STATUS	## ## ## ## ## ## ## ## ## ## ## ## ##	Σ.		***	XX. (AC PE) * * (AC PE) * * * (AC PE)	0333 64000 6.	& & & & & & & & & & & & & & & & & & &	1000 G G G G G G G G G G G G G G G G G G	MAR ERG NONEGONOMICS REAC COMPOSITIES * (DEDUENCE ARNK)
######################################	A CANDARA CANDA CA	A SA A A A A A A A A A A A A A A A A A	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	######################################	# # # # # # # # # # # # # # # # # # #	**************************************	######################################	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	· 香 · · · · · · · · · · · · · · · · · ·
# DR7NPP0335 # ORU0144 # 6 DRC D	BELKNAP (USGS)	** MCKENZHE KIVE*	44 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	11 01 11 10 00 11 11 10 11 10 11 10 11 10 11 11		0 77778 7778		10 GI 40 RU 60 PC 60 PC 60 PC	
# DR4NPP2692 # DRU0921 # 2 DRC I	* BLACK CANYON * LANE	MIDDLE FORK XX	43 48.53 4 122 34.09 4 928	## ## ## ## ## ### ### ###############	(b) 4 b) (d) (b) (c) (d) (c) (d) (c) (d) (c) (d)	19234	7444	26.95 36.245	
* ORCNPPO411 * ORC0018 * 2 OFC I	* BLUE PIVER PLANE POPEN NPP	BLUE AIVER **	44 10°02 4 4 122 20°02 4 4 4 00°0 7 4 4 4 00°0 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CR 09 475.0*	000 4400 4400 4400 1000	8400		40 0. 24 0. 24 0. 25 0. 20 0. 21 10.	
* 0R7NPP0336 * DRU0149 * S DFC D	* BOULDER CREEK	MIDDLE FORK X X X X X X X X X X X X X X X X X X X	M M M M M M M M M M M M M M M M M M M	## ## 00 °C 00 °C		70000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	88 88 14 15 14 16 14 16 14 16 14 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 1	
* ORENPPOSEO * ORUGIS9 * S DRC I	CAMPERS FLAT	MIDDLE FORK X*	43 30.00 122 122 124 0.00 1	##### 00 00 50 50 50 50 50 50 50 50 50 50 50	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	92371 92371	* * * * * * * * * * * * * * * * * * *	33 14 16 4 34 54 4 34 54 4	
* 0R5NPP0371 * 0RU0521 * 6 0RC I	A CHRIGHT CREEK	A # # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	E E E E E	0 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	10066	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2024.9 31.306	
# DRSNPP0337 # . 0RU0158 # % DRC D	COBURG R LANE	**************************************	122 6.5 122 2.4 1337 4 4	M W W W W W W W W W W W W W W W W W W W		17491		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
# 000000000000000000000000000000000000	# ORSNPP2799 # COMBINATION (BLUE RIVER) # ORUGBIG # LANE MCKENZIE R # 6 DRC E #	BLUK GIVER) ACKENZIE GIVER ************************************	44 00 00 44 00 00 00 00 00 00 00 00 00 0	# Co. Put # # # # # # # # # # # # # # # # # # #	* # * * # O * * * * O * * * O * * O * * O * * O * * O * O	0 17.15 21.73 21.73 444444444444444444444444444444444444	176000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	· · · · · · · · · · · · · · · · · · ·

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,39

# PH 0	*		***	***	****	***	****	****	***
* THOXX	* * * * * * * * * * * * * * * * * * * *								
ATT THE TENT TO THE TENT TO THE TENT TO THE	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在								
A WOOD WAS A WOOD WAS COLUMN TO COLU	# # #								
* 3 5 8 9 9	# #								
* 5 8 8 8 8 9 8 9 8 9 9 9 9 9 9 9 9 9 9 9	*								
*****	* * * * * *		***		*****	***		***	****
1000 8)	**************************************	4 4 6 4 6 6 6 6	1747 55	2 2 2 6 10 6 10	10. 10. 10.	762	.53	2. 3.	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
N N N N N N N N N N N N N N N N N N N	****	126	71.	80 d.	80 42 80 00 90 •	69.	4 to 10 to 1	128	693 21.
AN CO	# #								
* CC		- 60 W	999	• • • • • • • • • • • • • • • • • • •	999	C 00 00	000		000
# . Z Z Z Z Z :	11300	o o o	24 4 000 000 000 000	7740	8000 1750 9750	987	000	000	324676
* OPEN SEE	*		200		20 Cr	ja ja	Mª Mg	inj inj	M M
A # # # # # # # # # # # # # # # # # # #		*****	****	****	****	****	****	****	****
	# 000 # 990	0 0 0 0 0 4 4	2000	0378	5000	91.00	0 0 0 0 0 0 0 0 0 0 0	608 808 808 808	74161
#WHF #XZO #40 #40 #40 #40 #40 #40 #40 #40	# 70 70 #		8 W &	00	3000	2.5	เกเก	99	7416
* * O Z Z Z	*								
	k k								
* - a o F	000	000	000	0-0	NO→	000	000	001	000
XX	K 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	48000 76.0	473.0	in on	72.5 27500 48.1	1 4 4 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 100 100 100	80°0	153.0 09000 137.8
######################################	* *	4	4 27 4		i u		ज्ये हा ज्ये ज्ये	ă	707
* * * * * * * * * *	* * *	***	****	***	****	***	****	****	
*** /2 - /		Ģ	~ 6	0	Č.	0		r r e r	6
# C C C	0.4		2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.029	74.0	592.0	5 ku	40	000
# # # # # # # # # # # # # # # # # # #	8 14 0 14 0 14 0 14 0 14 0 14 0 14 0 14		40 1 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 4520.0	7	8 13 19		70.0	81 4000 000
######################################	170	_ °	60 50 22 60	4520.0	-	392	⊃ Nu 4	70.0	15 4 1047.00 4 147.00
######################################		0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	80 80 80 80 80 80 80 80 80 80 80 80 80 8	7 * T 1 * T 4 520.0	#### #####	* * * * * * * * * * * * * * * * * * *	* * * * * * OP TR NO	10°07	****
######################################		42.8 # CINRO 3.1 # DP 105 # 280.	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	40°04 T 40°04 T 40°04 A 40°04	6.7 # CIRNO 57.2 # OP 754	10°04	****
######################################		38 # CINRO 381 # DP 05 # 200	* * * * * * * * * * * * * * * * * * *	0.0 * TS	#### #####	2 * * * * * * * * * * * * * * * * * * *	7 * CIRNO 7.2 * CIRNO 65 * 0P 754	. N. 0.0 1. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 6. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	****
######################################		4 4 4 42.8 + CINRO 4 124 3.1 + OP 8 105 + CBO	A 44 4 4 4 HOMENTO	44 3.9 H 122 45.0 + 13 1057 + 4520.0	3 50 54 4 112 22 46 8 8 117 996 8 8 177	3 42.0 % T 22 46.5 % T 22 46.5 % T 4 48. % M92.	3 46.7 # CIRNO 22 57.2 # OP 754	4 Wan # 13 70 0 0 1 4 13 70 0 0	44 7.8 * 122 28.4 * 917 *
A C N C C C C C C C C C C C C C C C C C	4 100 14 00 100 4 00 100 4 4 00 100 4 4 00 100 4 4 00 100 4 4 00 100 4 4 00 100 4 00 100 4 4 00 100 4 00 100 4 4 00 100	TH TO	# 44 7.5 # HCIRNO MC# 122 14.5 # DM # 208 # 8888	44 3.9 # H 122 45.0 # 18 1057 # 4520.0	4 4 3 300 4 12 12 12 48 8 4 12 12 12 48 8 4 12 14 12 4 8 8 4 12 14 12 4 8 8 4 12 15 14 15 15 15 15 15 15 15 15 15 15 15 15 15	* 40 40.0 * T * 00.0 4 4 40.0 4 4 40.0 4 4 40.0 4 4 40.0 4 4 4 4	* 43 46.7 * CIRNO * 120 57.2 * OP * 265 * 154	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	E + 44 7.8 + VE+ 122 28.4 + 917 +
A C N C C C C C C C C C C C C C C C C C	4 100 14 00 100 4 00 100 4 4 00 100 4 4 00 100 4 4 00 100 4 4 00 100 4 4 00 100 4 00 100 4 4 00 100 4 00 100 4 4 00 100	4 4 4 42.8 + CINRO 4 124 3.1 + OP 8 105 + CBO	A 44 4 4 4 HOMENTO	# 44 %9 # H #IVE* 122 45.0 # 18 * 1057 # 4520.0	FORK NA NO. 4 IR FORK NA NO. 400.00 A FP P 996 B NY	* 40 40.0 * T * 00.0 4 4 40.0 4 4 40.0 4 4 40.0 4 4 40.0 4 4 4 4	* 43 46.7 * CIRNO * 120 57.2 * OP * 265 * 194	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	E + 44 7.8 + VE+ 122 28.4 + 917 +
A C N C C C C C C C C C C C C C C C C C	4 100 14 00 100 4 00 100 4 4 00 100 4 4 00 100 4 4 00 100 4 4 00 100 4 4 00 100 4 00 100 4 4 00 100 4 00 100 4 4 00 100	# 43 42.8 # CINRO FORK HI# 123 3.1 # DP # 105 # 280.	FORK AC + 1.00 14.05 TO DE BOOK A BOO	# 44 %9 # H #IVE* 122 45.0 # 18 * 1057 # 4520.0	# 4 43 50 53 # IR # 120 48 8 FP # 996 8 FP	# 43 42.0 # H PIVER # 120 46.5 # 18 # 136 # 392	RIVER * 122 57 2 CIRNO RIVER * 122 57 2 4 OP 8 265 4 754	CREEK * 120 0.4 * 100 0.0	E + 44 7.8 + VE+ 122 28.4 + 917 +
A C N C C C C C C C C C C C C C C C C C	4 100 14 00 100 4 00 100 4 4 00 100 4 4 00 100 4 4 00 100 4 4 00 100 4 4 00 100 4 00 100 4 4 00 100 4 00 100 4 4 00 100	TH TO	# 44 7.5 # HCIRNO MC# 122 14.5 # DM # 208 # 8888	* 44 %9 * H VE* 122 450 * 18	# 4 43 50 53 # IR # 120 48 8 FP # 996 8 FP	* 40 40.0 * T * 00.0 4 4 40.0 4 4 40.0 4 4 40.0 4 4 40.0 4 4 4 4	* 43 46.7 * CIRNO * 120 57.2 * OP * 265 * 194	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	E + 44 7.8 + VE+ 122 28.4 + 917 +
A C N C C C C C C C C C C C C C C C C C	4 100 14 00 100 4	COAST FORK EIR 124 361 # OP RECORD	FORK AC + 1.00 14.05 TO DE BOOK A BOO	# 44 %9 # H #IVE* 122 45.0 # 18 * 1057 # 4520.0	# 4 43 50 53 # IR # 120 48 8 FP # 996 8 FP	# 43 42.0 # H PIVER # 120 46.5 # 18 # 136 # 392	RIVER * 122 57 2 CIRNO RIVER * 122 57 2 4 OP 8 265 4 754	TORSE CREEK * 122 0.4 * 10 TO C. CREEK * 122 0.4 * 10 TO C. C. CREEK * 122 0.4 * 10 TO C.	E + 44 7.8 + VE+ 122 28.4 + 917 +
A C N C C C C C C C C C C C C C C C C C	4 100 14 00 100 4	COAST FORK EIR 124 361 # OP RECORD	FORK AC + 1.00 14.05 TO DE BOOK A BOO	# 44 %9 # H #IVE* 122 45.0 # 18 * 1057 # 4520.0	# 4 43 50 53 # IR # 120 48 8 FP # 996 8 FP	# 43 42.0 # H PIVER # 120 46.5 # 18 # 136 # 392	RIVER * 122 57 2 CIRNO RIVER * 122 57 2 4 OP 8 265 4 754	TORSE CREEK * 122 0.4 * 10 TO C. CREEK * 122 0.4 * 10 TO C. C. CREEK * 122 0.4 * 10 TO C.	E + 44 7.8 + VE+ 122 28.4 + 917 +
A C N C C C C C C C C C C C C C C C C C	4 100 14 00 100 4	GROVE + 43 42.8 + CINRO + 43 42.8 + CINRO CDAST FORK WITH 124 3.1 + DP + 105 + 280.	A 44 7.3 & HCIRNS SOUTH FORK AC+ 120 14.5 & OH A 200 + 888	A 44 3.9 F H RCKENZIE RIVER 122 45.0 F 15 1057 F 4520.0	REGULATOR DAM	# 43 42.0 # H ROW RIVER # 122 46.5 # 139 2 # 139 2 # 139 2 # 139 2 # 139 4 4 392	# 43 46.7 # CIRNO # 43 57.2 # OP # 122 57.2 # OP # 265 # 754	CREEK # 444 Wall # IN TORE CREEK # 122 0.4 # IN TORO	E + 44 7.8 + VE+ 122 28.4 + 917 +
A C N C C C C C C C C C C C C C C C C C	CREEK BLUE RIVER * 100 100 0 1 100 1	GE GROVE # 43 42.8 # CINRO # 105 # CINRO NPP # 105 # 280.	A 44 7.3 # HCIRNO	HORN ACKENZIE RIVER 120 400 + IX	R REGULATOR DAM * 43 50.0 3 4 1R RP RINGE FORK W* 122 48.8 4 FP RP RP 8 996 6 277	# 43 42.0 # H ROW RIVER # 122 46.5 # 139 2 # 139 2 # 139 2 # 139 2 # 139 4 4 392	# 43 46.7 # CIRNO # 43 57.2 # OP # 122 57.2 # OP # 265 # 754	CREEK # 444 Wall # IN TORE CREEK # 122 0.4 # IN TORO	E + 44 7.8 + VE+ 122 28.4 + 917 +
A C N C C C C C C C C C C C C C C C C C	4 100 14 00 100 4	640VE	A 44 7.3 & HCIRNS SOUTH FORK AC+ 120 14.5 & OH A 200 + 888	# 44 %9 # H #IVE* 122 45.0 # 18 * 1057 # 4520.0	EGULATOR DAM	# 43 42.0 # H PIVER # 120 46.5 # 18 # 136 # 392	# 43 46.7 # CIRNO # 43 57.2 # OP # 122 57.2 # OP # 265 # 754	TORSE CREEK * 122 0.4 * 10 TO C. CREEK * 122 0.4 * 10 TO C. C. CREEK * 122 0.4 * 10 TO C.	E + 44 7.8 + VE+ 122 28.4 + 917 +
A PRIMER A PART	TATAL THE TATAL	A COTTAGE GROVE + 43 42.8 + CINRO + LANE CDAST FORK HIT 124 3.1 + OP + OAEN NPP + 105 + 280.	* COUGAR * A44 7.3 * HCIRNS * LANE SOUTH FORK MC+ 122 14.5 * OM * OAEN NPP * A * A * A * A * A * A * A * A * A *	THE DEERTHORN MCKENZIE RIVER 120 45.0 4 H THANE MCKENZIE RIVER 120 45.0 6 15.0 6.0	A A A SO SO SO A A A A A A SO SO SO A A A A	# DISSTON # 443 40.0 # H # DISSTON # 10.0 #	* 43 46.7 * CIRNO * 122 57.2 * OP * DAEN NPP * 122 57.2 * OP * DAEN NPP * 565 * 754	A FUGENE CREEK A 120 0.4 * 10.0	E + 44 7.8 + VE+ 122 28.4 + 917 +
A PRIMARY CO. S.	TATAL THE TATAL	A COTTAGE GROVE + 43 42.8 + CINRO + LANE CDAST FORK HIT 124 3.1 + OP + OAEN NPP + 105 + 280.	* COUGAR * A44 7.3 * HCIRNS * LANE SOUTH FORK MC+ 122 14.5 * OM * OAEN NPP * A * A * A * A * A * A * A * A * A *	THE DEERTHORN MCKENZIE RIVER 120 45.0 4 H THANE MCKENZIE RIVER 120 45.0 6 15.0 6.0	A A A SO SO SO A A A A A A SO SO SO A A A A	# DISSTON # 443 40.0 # H # DISSTON # 10.0 #	* 43 46.7 * CIRNO * 122 57.2 * OP * DAEN NPP * 122 57.2 * OP * DAEN NPP * 565 * 754	A FUGENE CREEK A 120 0.4 * 10.0	E + 44 7.8 + VE+ 122 28.4 + 917 +
A PRIMARY CO. S.	TATAL THE TATAL	A COTTAGE GROVE + 43 42.8 + CINRO + LANE CDAST FORK HIT 124 3.1 + OP + OAEN NPP + 105 + 280.	* COUGAR * A44 7.3 * HCIRNS * LANE SOUTH FORK MC+ 122 14.5 * OM * OAEN NPP * A * A * A * A * A * A * A * A * A *	THE DEERTHORN MCKENZIE RIVER 120 45.0 4 H THANE MCKENZIE RIVER 120 45.0 6 15.0 6.0	A A A SO SO SO A A A A A A SO SO SO A A A A	# DISSTON # 443 40.0 # H # DISSTON # 10.0 #	* 43 46.7 * CIRNO * 122 57.2 * OP * DAEN NPP * 122 57.2 * OP * DAEN NPP * 565 * 754	A FUGENE CREEK A 120 0.4 * 10.0	E + 44 7.8 + VE+ 122 28.4 + 917 +
A C N C C C C C C C C C C C C C C C C C	TATAL THE TATAL	4 43 42.6	413 # COUGAR # 44 7.3 # HCIRNS 15 # LANE SOUTH FORK MC# 122 14.5 # DM 1 # DAEN NPP # 8888	S41 # DEERHORN F 4 44 5.9 # H 72 # LANE MCKENZIE HIVE* 122 45.0 4 19 D # A520.0	107 * DEXTER REGULATOR DAM * 43 50.53 * HR 16 * LANF MIDDLE FORK W* 122 48.8 * FP D * DAEN NPP * 996 * 277	581 # DISSTON # 43 42.0 # H 22 * LANE ROW RIVER # 122 46.5 # 18 1 # 138 # 392	PO409 # DDRENA # 43 46.7 # CIRNO DOOR # LANE POW RIVER # 122 57.2 # OP FC I # DAEN NPP # 754	POSSES FUGENE CREEK + 444 Wals + H OSSO + LANE HORSE CREEK + 122 044 IS RC D + LANE + 102 044 IS RC D + 104 IS	TO A FUGENE MUNICIPAL POWER SITE & 44 7.8 4 7 4 1.0 4 1.0 1.0 4 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,39 PAGE 225 OF TABLE 1

A CANDON A A A A A A A A A A A A A A A A A A A	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在	****		5 5 5 5 5 6	* * * * * * * *		****	* * * * * *	
	# 0 0 # 0 0 # 0 W	12 C C C C C C C C C C C C C C C C C C C	20 0 20 0 20 0 20 0 20 0 20 0 20 0 20 0	**************************************		4270°,7 4007 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	71.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	6.00 8.00 8.44 8.44 8.44 8.44	A A A A A A A A A A A A A A A A A A A
7	******** ******	N. A.	******	0.00 2.44 2.44 3.44 3.44 3.44 3.44 3.44 3.44	0.2. *****	*****	000 000 000	MB	***
WHE	* * * * * * * * * * * * * * * * * * *	****	****	****	0.0	* * * * *	****	****	# # # #
. 0333 004000 448	######################################	44 44 64 64 64 64	9 9 9 9 9 9 9 9 9	88 88 84 84 84 84 84 84	7140	21906 21906 21906	3100 M100	214 214 314 314 314 314 314	0 944 9 44
* * * * * *	# # OOOTH	116-60 11	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 Pr	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	######################################	24 000 000 1000 44444	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1000 1000 1000 1000 1000 1000 1000 100
AVE. SO.	* * * O * O O O O O O O O O O O O O O O	20 20 20 20 20 20 20 20 20 20 20 20 20 2	T S S S S S S S S S S S S S S S S S S S	2 H	*** * * * IA IA IA IA IA	TH SH	# # # # # O C M U	# # # # # # # # # # # # # # # # # # #	CO M M M M M
**************************************		44 5 0 17 0 0 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 10°0 122 7°0 4 4 356 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 20 20 20 20 20 20 20 20 20 20 20 20 20	44 12 12 12 12 12 12 12 12 12 12 12 12 12	### ### ##############################	44 7°6 4 4 947 947 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* * * * * *	**************************************	(* * #) \	A CKENZYE A K	20 E E E E E E E E E E E E E E E E E E E	CAMMEN SOUTH FORK ACA	#CKENZIE BIVE#	CREEK SIUSLAW RIVERA ****	A CKENZHE WHEN WHEN WE WAS A WAR WAR WAS A WAR WAR WAS A WAR WAR WAS A WAR WAR WAS A WAR WAR WAS A WAR WAR WAS A WAR WAR WAS A WAR WAR WAS A WAR WAR WAS A WAR WAR WAS A WAR WAR WAS A WAR WAS A WAR WAS A WAR WAS A WAR WAR WAS A WAR WAR WAR WAR WAR WAR WAR WAR WAR W	* * * * * * * * * * * * * * * * * * *
PROJECT NAME PRIMARY CO. STREA	PALL CREEK FALL CREEK FALL CREEK FALL CREEK OARD	PERN RIDGE LANG NPP	FOLK REDORE	FOLFY SPRINGS LANE	TRENCT PETE CR	TRIBORE CREEK	TANG DAN CORE	GATE CREEK LANE	GATE CREEK (CORPS OF ENGINE LANF CORPS OF ENGINEERS+NPP
* * * * * * *	# 100000 # # 100000	** ORCNPPOA114 ** OROCO16 **	086NPP0343 * 08U0192 * 08 08C 0 *	085NPP0373 * 0810525 * 6 080 1 *	081088708 88 08C 08C 08C 08C 08C 08C 08C 88 8 8 8	086NPP2707 ** 08U0924 ** 6 DRC E **	DR6NPP2705 * ORUGB32 * S DFC I *	* OR4NPP2796 * * ORU0837 * * 6 DRC E *	* ORENPPOSSB * OREO160 * S ORC D *

DATE 14 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,40

KKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	化电子化电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电子电	* *	**************************************	######################################	* ** ** ** ** ** ** ** ** ** ** ** ** *	*****	· 有水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水	**************************************	本の本のなるながらなるなのでは、 のこのでは、 まであり、 ののののでは、 でのののでは、 でのののでは、 でのののでは、 でんだった。
> <u>1</u>	NEG		DR. AREA	AVE. O. *	A CL STA		TING TREETS TO BE THE STATE OF	NERGY COSTA	すいに ないのう こうかい さいかい こうかいしょう かいしょう かいしょう しゅうしょう しゅうしょう しゅうしょう しゅうしょう しゅうしゅう しゅう
			* * * ()	(CF3)	(AC FT) * *	777 333	CIRELO CERENO CE	(1000 s) (8/HWH)	* (SMEDURNOR RANK) * * (SMEDURNOR RANK) * * (OREDURNOR RANK) *
SEMESTER SERVICE AND A SERVICE	本文本文本文本文本文本文本文本文本文本文本文本文本文文文文文文文文文文文文	***************************************	# P-	****	****	***	*****	**************************************	· · · · · · · · · · · · · · · · · · ·
* 5 DRC D *		SALMON CREEK *	122 15,4 *	18 * * 210 * 0 *	4 F 669	0 0 0 0 m	# 26734 # # 26734 #	45,390	
* *		* *	* *	* *	* *		**		***
* ORUNDONOO *	* IARVEY CREEK	# 0 C 2 C F F < 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0	4 . 4 .	**	10.0	0	*	1324.7	
* 6 DFC D		5	n 1	200°04	849.1 *	4000	6 10000	محد	**
* *	* •	* 1	* 1	* 4	* 1			•	
* DRSNPPOSSO	* HAYDEN BRIDGE			¥	0.0	0	0	5621.3	* *
T DRUGOS	E VAN	MCKENZIE DIVE*	122 38,0 ×	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 1	10000	178880 *	31.478	
~			>		•	*****	* 0000	* *	* *
		*		*	*		*		
A CANADALA	TITLO CERTA	* 4	40 40.0	A CAMONIAN	304.0	00000	170000 #	937.13	
* 2 DFC I	* DAEN NPP	C E	1 1 1 W			0000	# 0000mm	-	*
*	•	*	*	*		-	*		
# DR6NPP0397 #		TORAGE CERACE	* * * * * * * * * * * * * * * * * * * *	# *	# 0 SKY		* *	* * * * * * * * * * * * * * * * * * * *	***
* 0RU0658	ENAL	HORSE CREEK	n N	*	85000	13987	# 57.255	40.398	
ے ک	* *	* 1	136	*0°067	374.6 *	33987	37	•	
*				*		-			
* UNSNETOSAS *	A TOKKE CARRE DIVERSION TO	TOURSE AND THE TARGET AND THE TARGET PRODUCT TO THE TARGET PRODUCT	* 0 0 0	* *	* 1	0 0	* 0	2186.8	
* 6 DRC I			 3	*0.064	299.7	1040	# 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2	* •
* 1	* *		* 1	*					
* DRTNPP0374	* HUCKLEBERRY CREEK (MILE	FEK (MILE 6.7)*	43 48.9	1	340.0 *	0	× ÷	4 0.0700	* *
* 0RU0526 *	A LANE	=	AI.	•	116000 *	13325	85630 *	52.126	* *
2 2 2		* *	-	***	570.0 *	13333	* 0100000	42.1	* 1
*		•	• *	*	*	7			
A DRUNDPOWGO A	* LAKES AREA DIV		0	#	# 0°0	0	•	881.30	
* 6 DRC 1 *		***************************************	1.00 K.a.	* * * * * * * * * * * * * * * * * * * *	* 0°666	M W W W W W W W W W W W W W W W W W W W	4 00013	9.36	* 1
* 1			* *	•		7	1	* *	
* ORHNPP0416 *	# LEABURG DAM		4	* *	* * O	1 800	108900	* C 0 8 7 F	***
* 0800553 *	A LANS TATA OF PERSON	MOKENZHE RIVER	122 36.4 *	18 40.0044	M 4	0000	* 0000	32.945	
*****	· · · · · · · · · · · · · · · · · · ·	斯斯特斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯	*********	本本本本本本本本本本本本 10m2011	*	· 我我我会会会会会会会会会会会会会会会会会会会会会会会会会会会会会会会会会会	**************************************	**********	*****************

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,40 PAGE 227 OF TABLE 1

CONSTRUCTOR A * * * * * * * * * * * * * * * * * *	元 元 元 元 元 元 元 元 元 元 元 元 元 元 元 元 元 元 元	: # # # # #	****	. * * * * 1			* * * * *	****	****
* # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *		****		****	: * * * * * *		****	***
*00 9T	**************************************	1993.4 2843.6	7404.1	1767.0 31.219	2623°3 163°7	20 20 20 20 20 20 20 20 20 20 20 20 20 2	4609.0 17.134	13,275	8856.1 104.20
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	330000 * 701 * 330701 * *	00000	0000	11 12 12 12 12 12 12 12 12 12 12 12 12 1	216 216 24 24 24 24 34 34 34 34 34 34 34 34 34 34 34 34 34	* * * * * O 77 75 O 75	159800 159800 159800 * * *	20 CD
* 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		18 480000 1600000 18 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2000 244 000 244 000 44 44	0000		31156 31156 31156 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	W W W W W W W W W W W W W W W W W W W	364000 364000 364000 344400	23147 # # # # # # # # # # # # # # # # # # #
* Q * Z \ Q \	M W W W W W W W W W W W W W W W W W W W	24	M W W W W W W W W W W W W W W W W W W W	N 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2000 2000 2000 2000 2000 2000 2000 200	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N 1000 0000 0000 0000 0000 0000 0000 000	24 0 44 0 44 0 44 0 44 0 44	260000 # # # # # # # # # # # # # # # # #
# & B ()	**************************************	CINHRO * FP 2760.0*	CH **	1 0 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 1 0 1 1 0 1 0 1 1 0 1 0 1 1 0 1 0 1 1 0 1 0 1 1 0 1 0 1 1 0	**************************************	II SI I SO . 0 S I S	110 110 1000 1000 1000 1000	T H 00 H 00 H 00 H 00 H 00 H 00 H 00 H 0	A # # # O
** C C C C C C C C C C C C C C C C C C	**************************************	43 54.8 * 122 45.0 * 4	4	44 11 0 11 0 0 10 0 0 0 0 0 0 0 0 0 0 0	44 44 44 44 44 44 44 44 44 44 44 44 44	44 9.4 152 152 0 4 15 353 4 15	44 10°22 18 18 18 18 18 18 18 18 18 18 18 18 18	121 53.00 54.00 55	** 4 4 W W 7 * Si * * * 1
* x		MIDDLE FORK WAS A SECOND COMMENT OF COMMENT	ALDOLE FK. EIX		A S S S S S S S S S S S S S S S S S S S	ACKENZIO TRANSCE ACKENZIO RIVER	GE (UPSTREAM) ** **********************************	A & & & & & & & & & & & & & & & & & & &	
**************************************	TANE BLUE RIVER	LOOKOUT POINT LANE DAEN NPP	LANE	LOS REEK	LOW MAPLETON	MCKENZIE BRIDGE	MCKENZIE BRIDGE	MESA CREEK LANE	OR6NPPO349 * MILE 56 ORU0213 * LANE 5 DRC I *
* F F < C	# 00%00 # # 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ORINPPO410 ** ORO0009 ** S DFC I **	OR6NPPO344 ** ORU0191 **	GRSNPPO401 * GRU0672 *	DR6NPPOW46 # # ORUOROS # # ORC O # # ORC O # #	074 NPP0 0447 # # 070 020 0 # # # 070 0 0 # # # # # # # # # # #	07507777777777777777777777777777777777	ORSNPPO348 * ORUG212 * 6 DFC D *	OR6NPPOUMUS *

ACTV DEP CODE CODE FILE STATUS	12	x	CONGILLA MARKET	s 6	FX. 670X. (F4) D. (F7) T. (F7) T.	141 001 04. 57. 57. 57. 57. 57. 57. 57. 57. 57. 57		- 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	ERC NOMESONOMICA ERC NOMESONOMICA (SEQUENCE RANK) & (SEQUENCE RANK) &
k	* * * * * * * * * * * * * * * * * * *	本語 本語	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 0 0 P # 0 0 P # 0 0 P # 10 P	**************************************	* # # # # # # # # # # # # # # # # # # #	**************************************	有有 有 有 有 有 有 有 有 有 有 有 有 有 有 有 有 有 有 有
ORENPP2723 ORUQ368 S ORC I	TOTANT LAND	MOHAWK RIVER	144 55 57 54 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 H 0 C C C C C C C C C C C C C C C C C	75.0 105000 74.9	0000	*****	W W W W W W W W W W W W W W W W W W W	
DR6NPP2724 DRUGG69	MOHAWK NUMBER ALANE	MOHAWK RIVER	44 10°0 4 4 10°0 4 4 10°0 4 4 10°0 4	1 10 10 10 10 10 10 10 10 10 10 10 10 10	41100 4400 4000 4000	000 000 000 000 000 000	****	M M M M M M M M M M M M M M M M M M M	
DRENPERTZE DRUGGT1 S DRC I	* MOSSY CREEK	20 00 00 00 00 00 00 00 00 00 00 00 00 0	4.3 3.9 6.0 3.9 6.0 3.0 6.0 3.0 8.0 4.4	1 18 18 18 18 18 18 18 18 18 18 18 18 18	160 441 4410 60 60 60 60 60 60 60 60 60 60 60 60 60	11 14 4 7 19 19 19 19 19 19 19 19 19 19 19 19 19	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
ORANPP2748	A NICHOLO	MCKENZIE RIVER	124 127 127 127 130 130 144 144 144 144 144 144 144 144 144 14	T S S S S S S S S S S S S S S S S S S S	0 th fu	() (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M C C C C C C C C C C C C C C C C C C C	
ORENPP2749	* NIMPOD CORER C	CREEK) MCKENZIE **	44.00.00.00.00.00.00.00.00.00.00.00.00.0	000 a 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	W W W W W W W W W W W W W W W W W W W	M M M M M M M M M M M M M M M M M M M	9 WR 10 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		
ORSNPPO402	A LORIT TORK NUMBER A LANE	BER 1 SALAMON CREEK* *	4 W 08° 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # O O O	M	# # # # # # # # # # # # # # # # # # #	10000 10000 10000 10000	M M M M M M M M M M M M M M M M M M M	
0R5NPP2751 0RU0981 6 0RC I	* NORTH FORK NUR	NUMBER 2 NORTH FK OF MR	43 46.7 # 122 28.0 # # 210 # #	TI 000 000 000 000 000 000 000 000 000 0	# # # # 00 00 00 00 00 00 00 00 00 00 00 00 00	000 99 90 90 90 90	11400144	00000000000000000000000000000000000000	
DR6NPP2750	* NORTH FORK	* * HO MADY IMADY	# # # # # # # # # # # # # # # # # # #	T. H	11 15 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,40 PAGE 229 OF TABLE 1.

* ORUO135 * LANE		Σ 1	00000000000000000000000000000000000000	A A A A B B B B B B B B B B B B B B B B	XXX XXX XXX XXX XXX XXX XXX XXX XXX XX	TOT. CAP. CKED.	AINC. MNERGY & MNERGY	P OE	EXC NONECONO DESCRIPTION OF A PARK OF DUENCE NA
	E AND LOGE STANKS THE	k >	44 10°0 ***	0.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3314	10 10 10 40 11 40 40	x x x x x x x x x x x x x x x x x x x	
ORGNPPOSSO # DUAR ORUGESS # LANE 6 DFC E # LANE	GUARTZ CREEK Lane	MOKENZIE RIVER	44 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	IS IS 40004 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11755000 tt	2000 000 000 000 000 000 000	* * * * * * OOO 00 00 00 00 00 00 00 00 00 00 00 00	16197 24 327	****
ORTNPPOST8 * REFORMED STUDES D * LATE	REBEL CREEK Lane	SOUTH FORK MC*	44 0.9 122 10.9 117 117 117	2 H	11 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	COP OP OP OP OP OP		88 89 89 89 89 89 89 89 89 89 89 89 89 8	****
GR6NPP2755 * RENN GRUGA91 * LANE 6 DRC E * LANE	RENN H M M	MCKENZIE RIVER**	44 7-88 127 127 127 128 128 128 128 128 128 128 128 128 128	######################################	717 718 718 718 718 718 718 718 718 718	O PR PRINCIPAL CONTROL	# # # # # # # # # # # # # # # # # # #	8048 19.88 19.86	****
0R5NPP0403 * R0/ 0RU0693 * LAY 6 DFC D.*	ROARING RIVER LANE	* * & & & & & & & & & & & & & & & & & &	4 W C C C C C C C C C C C C C C C C C C	11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	64 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	77 77 77 77 77 77 77 77 77 77 77 77 77	107500 * * 107500 * * * * * * * * * * * * * * * * * *	1598 15.804	****
GRANPPOSSO * ROC GRUOSSU * LAN S DRC D *	ROCKY POINT-LOK LANE	# # # # #	4W 2W2 4W2 100 100 100 100 100 100 100 100 100 10	O O O O O O O O O O O O O O O O O O O	AU WIN W. CO CO *-CO CO *-CO CO	W W	* * * * *	# 14 36 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****
DR6NPPO379 * RDC DRUGS22 * LAY	ROCKY POINT-HIGH LANE.	20 A O A C A C A C A C A C A C A C A C A C	43 63.4 122 51.64 * *	100 000 00 00 00 00 00 00 00 00 00 00 00	444 0000 0000 0000 4444	14725	* * * * * * * * * * * * * * * * * * *	94.00 84.00 80.00 80.00	****
ORSNPPOSSE * SAL ORUGEST * LAT 6 DFC I *	SALMON CREEK LANE	SALMON CREEK	43 46.3 *	# # # # # C C C C	* * * * * * * * * * * * * * * * * * *	30000	1162 162 162 163 163 163 163 163 163 163 163 163 163	12 48 48 48 48 48 48 48 48 48 48 48 48 48	***
A DRUCKS A SALTESALMON CREEK A 434 455.0 A DRUCKS A LANE A 6 DRUCKS A LANE A 7 DRUCKS	SALTEGALMON CRUMK LANK GANKARAMANANANANANANANANANANANANANANANANANAN	0.00	100 000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10°0	* * * * * * * * * * * * * * * * * * *	# 00.000 # 00.000 # 00.000		14 60 05 11	

TAN TOUCH TO	TABLE TO TO A PRIMARY CO. INAME OF GAREAL A ACTY DED X PRIMARY CO. INAME OF GAREAL A CODE A TILE X CODE A TILE X CATEEN X CATEEN X CATEEN X CATEEN X	* * * * * * * * * * * * * * * * * * *		# # # # # # # # # # # # # # # # # # #	K OK OK O	AND CONTRACTOR CONTRAC	# (* ERC MODUCATION * RAC CONDUCTOR NAME A (ORDURACE RANK) * * (ORDURACE RANK) * COMPOENCE RANK) * * (ORDURACE RANK) * * (ORDURACE RANK) * * * * (ORDURACE RANK) * * * * * * * * * * * * * * * * * * *
	WASANTANANANANANANANANANANANANANANANANANA	A A A A A A A A A A A A A A A A A A A	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	**************************************	**************************************	**************************************	在在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在
ORANPP2772 ORUG925 6 ORC E	* CANE CREEK DAM	ACKENZIE RIVER	122 134 1690	***** ***** *****	4 1 1 W 0 1 0 40 0 40 0 4 4 4 4 4	OMM GG GG FF FM	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	55 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
# \$0\$00.00 070.00697 * 070.0069	R SEPARATION CREEK TANE TANE	XH XH X X X H XH H X X X X X X X X X X X	44 7.5 122 1.9 45	T * * * * * * * * * * * * * * * * * * *	7 m m	C & & & & & & & & & & & & & & & & & & &	M.W. 60.00 60 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.00 60.0	1361 420 430 430 430 430 430 430 430 430 430 43	
ORSNPPOWS44 ORUGESS 6 OFC O	SOUTH FORK	ACKENZIE RIVEA	44 9.0 122 18.9	## ## ## ## ## ## ## ## ## ## ## ## ##	0 - 40 0 - 40 - 7	4 N 4 0 0 0 0	* * * * * * * * * * * * * * * * * * *	5735.7 20. 13	
DRSNPPO405 ** ORUO699 **	ANE CREEK	AIDDLE FORK **	43 MO. 18.0 102 18.0 108	* * * * * * * * * * * * * * * * * * *	**** 00 0 00 0 00 0 00 00		44	1847 4047 170	
ORENPPOSS9 * ORUO166 * OPC 8 *	STRUBE REREGUL!	REREGULATING DAM * * PORK MCKENZ* P	44 122 14°5 210	** * * * * * * * * * * * * * * * * * *		44	**** 000 mm 1111 NN	10003 1000 1000 1000	. * * * * *
ORSNPPOSSS * ORUGESS *	ONITH CREEK	MIDDLE FORK WAR	43 28 4 12 14 4 4 5 1 4 6 5 1	TII *****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0000	4 4 0 0 0 0 4 4 4 4 4	166 396 186 186 186 186	
087NPP0366 * 08U0401 * 5 DRC I *	OK HOW HOME	SIUSLAW RIVERS	22 24 24 24 24 30 30 40 40 40 40 40 40 40 40 40 40 40 40 40	### RCIH IS 880 000 00 ###	# # # P = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 =	# # # # # C G G T G W	W W 44 44 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3677 1667 146	
0R7NPP0356 * 0RU0241 * 6 DFC D *	* ORTNPO356 * THREE SISTERS * ORUG241 * LANE * 6 DFC D *	* * * *	24 5.0 121 50.0 50.0 50.0	* * * * * * * * * * * * * * * * * * *	100.0 # 5300 # 1298.7 #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	79700 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1370.0 17.190	

* ODE 4 K	位	****	***				****	***	
* - 0	* * *	3 3	o- ⊶	למו למו	0 h	m r-	O*	ac or	00 ±
A (1000 B) (6/321)	# 30 00 # 30 0	283 1693 1.		6477.	11100	で は な で 。 の の の の の の の の の の の の の の の の の の	1.33. 1.33.	6587°	6147.1
********	* 0.00 * * * * *	0 m	044	000	4 4 4 4	0 M W	444	000	000
* WWW ~ ~ ~ ·	# # # # # # # # # # # # # # # # # # #	167	M M	160000	000069	0 V V V V V V V V V V V V V V V V V V V	2176	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	27.9600 27.9600 27.9600
₩.	* 44 * O W W *	000	M M M M M M M M M M M M M M M M M M M	000	000	0 m m	44 NN NN O 40 O 40	C 0 0	000
# W H H H H H H H H H H H H H H H H H H		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M M RI EI	4 0 0 0 0 0 0 0	20000	in in	म स इस्स	30000	0 5800 0 5800 0 6800 0 6800
****	K O O O	***	4 4 4 4 4	****	****	****	****	000	* * * * * * * * * * * * * * * * * * *
(AC + 10 C + 10	# 40 # 40 # 40 # 40 # 60 # 60 # 60	75.0 16000 346.6	40 P	000 000 000 000 000 000 000 000 000 00	7 560 3 1860 5 600 6 600	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12000 17900 17900	13. O.	10 40 40 40 40 40 40 40 40 40 40 40 40 40
		N N O O O O O O O O O O O O O O O O O O	TA TO ON ON ON ON ON ON ON ON ON ON ON ON ON	S S S S S S S S S S S S S S S S S S S	* * * * * * * * * * * * * * * * * * *	2. O.	E # # # # # # # # # # # # # # # # # # #	% * * * & & & & & & & & & & & & & & & &	A A C C C C A A A A A A A A A A A A A A
****	K () (4)	IM		I. > .	I ==	***	I ==	IA	I M &
* * * * * * * * * * * * * * * * * * *	K 01 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	© M • M M • M M • M M	& W	M 4 9 M 4 2 * 60	80	M 4 M • 80 N N • M	M 4 M • 00 M N • M	9 M 49 69 49 69 49 69 69 69 69 69 69 69 69 69 69 69 69 69	1 KR 150 Mis 0 KR 150 Mis 0 KR 150 Mis 0 KR 150 Mis 0 KR 150 Mis 150 M
* A D D D D D D D D D D D D D D D D D D	# 4 ₩ # 4 W	2 t 9 t 10	2 *** 10 £ 14	4 to 10 to 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	103	122	122
* *		m *****	m ******	2. 3. 10. 3. 10. 4.4.4.4.		7. 7. 7. 7. 7. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	57 	* * * * *	
* 00	N 2 I E	CREEK	CJ GK IM 所	MCKENZIE	GIW	¥ .	¥ ¥	MCKENZIE	A CKENT CKEN
* E C C C C C C C C C C C C C C C C C C	* C Z * H C * K Z * M	(HIGH) LAKE	CLOW	ACK F	X S F X	IGH Siuslaw	ON SIUSLAW	A A M	7 + X + X + X + X + X + X + X + X + X +
# # # # # # # # # # # # # # # # # # #	* > * & * &			.	F. C.	* *	3 1		N O
# # # # # # # # # # # # # # # # # # #	* W	LAKE	LAKE	S S M M	NORTH	SIUSLA##HIGH Siu	SIUSLAW=LOW		DIVERSION
* 4 *	10 10 10 10 10 10 10 10 10 10 10 10 10 1	NOLE	NGLE						OIO :
A A A A A A A A A A A A A A A A A A A	TANGERS AND THE TRANSPORT OF THE TRANSPO	TRIANGLE Lane	TRIANGLE	TELE	UPPER	LANER	UPPER Langer E	VIDA Lane	VIDA LANE
****		* * * * *	***	***	表 表 表 数 数	****	****	о" гл * * * * *	* * * * *
**************************************	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P032	7 NPP 267 0 RP 0 620 DRC	RENPPOSS7 ORUG246 DFC E	PP038 U0537 DFC	7 NPP0367 ORU0414 DRC C	P036 10415	7271 10912	58NPP0358 08U0252 0FC 0
######################################	× OE	077 NPP 0326 07P 0008 5 DRC D	087NPP2671 08P0620 5 DRC 0	80 8 80 80 80 80 90	DRENPPOSS1 ORUGEST 5 DFC I	0R7NPP0367 0RU0414 5 DRC D	DR7NPP0368 DRU0415 S DRC D	ORSNPP2716 ORUO912 6 DPC E	12 #
******	* * * * *	***	***	* * * * *	***	****	****	* * * * *	* * * * *

77 2 10 20 20 20 20 20 20 20 20 20 20 20 20 20	ID NO # PRIMARY CO. TNAME OF STREATORY CO. TNAME OF STREATORY CO. TNAME OF STREATORY CODE # ATUS # ATUS	TANAMA CANAMA CA	CD M.M.	APROL PURP. A DAM ITA MATUN AIX. WIDR. AVE. D APRR. ID. A (ATI) A (ATI)	A CAP THE CAP	MXX	A LINCO MANAGA A NATEL OCALLO CONTRACO A A LOCAL A CART A	NERGY COSTA (1000 S) A (S/NEH) A	* * CONSTRUCTION ON TO THE STATE OF THE STAT
44444444444444444444444444444444444444	TO THE TRANSPORT OF THE	**************************************	TA.	**************************************	# # C C C C C C C C C C C C C C C C C C	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	**************************************	
ORDNPPO327 ORPO009	* WALDO LAKE*FERC * LANE	ERC BLACK CREEK **	43 44.0 122 11.9	T.C	M	N.W. 000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1081 37.284	*****
DRDNPPO328 DRPO010	* * * * * * * * * * * * * * * * * * *	868 81.8 CK CREEK 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	43 44.0 122 11.9	TO T	300000 2691,46	* * * * *	## ## ## ## ## ## ## ## ## ## ## ## ##	11 M M M M M M M M M M M M M M M M M M	· 在 敬 敬 在 .
DRHNPPO417	* WALTERVILLE DAN * LANE * CITY OF EUGENE	** ** ** ** ** ** ** ** ** **	44 4.1 122 50.1 1077	TO 50 50 50 50 50 50 50 50 50 50 50 50 50	→ NJ OW C #44 • ON C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	70000	•	****
ORGNOP2763 ORU0916 5 DFC I	E E E E E E E E E E E E E E E E E E E		122 46.0 122 46.0	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11111111111111111111111111111111111111	****	4 * * * *	1198.7	****
ORENPPO418 3 ORUO176 4 S DFC D 3	* DRIFT CREEK * LINCOLN	DRIFT CREEK **	24 W W W W W W W W W W W W W W W W W W W	TH SO NO NO NO NO NO NO NO NO NO NO NO NO NO		* * * * * *	24 24 44 44 44 44 44 44 44 44 44 44 44 4	1167 1168 1168 1168 118	*****
ORTNPPO419 ** ORUO189 **	* DRIFT CREEK D	DIVERSION * DRIFT CREEK/8* *	44 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	HI ON	00.000 00.000 00.000 00.000	4 4 4 8 4	674 674 674 674 644 644	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	******
ORENPPO422 ** ORUO271 ** 6 DFC I **	A ELK CITY A LINCOLN A	YADUINA RIVERA R	200 200 200 200 200 200 200 200 200 200	DRICH IS 1035,0*	** * * * * * * * * * * * * * * * * * *	* * * * * * O O O O O O O O O O O O O O	17 77 77 70 70 74 74 74 74 74 74 74 74 74 74 74 74 74	9679.1 56.273	*****
DRANPPOARM B ORUGATA B 6 OFC I &	在 ORANPPOADU & FUCHRM CRMMK SILETZ RIVER 4 G ORGENS * FUNCOLN SILETZ RIVER 4 G OFC 1 # FUNCOLN SILETZ RIVER 4 G OFC 1 # FUNCOLN SILETZ RIVER 4 W O OFC 1 #	安安安安 安	2	T M		148000 G 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	117000 #	20 m m m m m m m m m m m m m m m m m m m	

CATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,41

RANGE CAP. SEXION SERVES A SARABARA SAR	在我们在我们在我们在我们的	****	****						***
	**************************************	* * * * * * * * * * * * * * * * * * *	######################################	04-04-04-04-04-04-04-04-04-04-04-04-04-0	200 200 200 200 200 200 200 200 200 200	000 000 000 000 000 000 000 000 000 00	# # NUN - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	~ .0 ~ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	# # # # 50 00 00 50 00 50 50 00 50 0
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MM ***** 000 111 444 99	* * * * * * * * * * * * * * * * * * *	000 000 000 044 044 044	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	######################################	* * * * * * * * * * * * * * * * * * *	80 40 0 40 40	4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
# # # # # # # # # # # # # # # # # # #	44444444444444444444444444444444444444	000	N N	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	44 44 44 44 44 44 44 44 44 44	11 11 10 10 10 10 10 10 10 10 10 10 10 1	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 4 7 7 4 4 4 7 4 4 4 7 4 4 4 7 4 4 4 7 4 4 4 7 4 4 4 7 4 4 4 7 4 4 4 7 4 7 4 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7
#	2		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	****	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 000 000 000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
K	**************************************	7 0 ° 0 ° 7 ° 7 ° 0 ° 0 ° 7 ° 7 ° 0 ° 0	120.04 15	13 4 176 1480.04 176	# 320.0 # 2000000 # 20000000	0.00 0.00 0.00 0.00 0.00 0.00	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 # # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
A C C C C C C C C C C C C C C C C C C C	* I H * * * * * 1 * * * * * 1	0 00 0 00 0 00 0 00 0 00 0 00 0 00	00 I # # # # 000 000	2 000 2 000 3 000	0	77. 0.04. 0.04. 0.04. 0.04. 0.04. 0.04.	7 * 3 T T T T T T T T T T T T T T T T T T	\$ 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 44 U1.5 * HCIRC * TR * 12U 4U.9 * 10
K .	* * M * T O *	* * * * * * * * * * * * * * * * * * *	****	* * * * * 200 200 200 200	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	**** 20 40 40 40 40 40 40	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
	ANAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMA	SILETZ RIVER	SALMON RIVER	SILETZ RIVER	ALSEA RIVER	EK Drift Creek	(RESERVOIR) Siletz River	(DIVERSION) SILETZ RIVER	SILETZ RÍVER
THE TO NO A PRIMARY OF THE OF STREET AND STR	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	HOLMAN CREEK Lincoln	SALMON	SAM DREEK LTNOOLN	SCOTT MOUNTAIN LINCOLN	SLICK ROCK CREEK Lingoln D	SUNSHINE CREEK LINCOLN	SUNSHINE CREEK LINDOLN	* ORTOPO426 * THE FALLS * ORTO404 * LINCOLN SILETZ RIVE*
7	ORGNOPOSOS & SONO ORGNOSOS & SONO ORGINA ORG	DR6NPP0420 ** GRU0195 ** 6 DFC I **	ORTNPPRETO * CRUO695 *	0R6NPP0432 # 0RU0696 # # 0RC 1 # 8	086NPP0424 * 08U0387 * 6 0FC I *	0R6NPP2775 * 0RU0897 * 5	026NPP2792 * 0200901 * 5 0FC 0 *	ORANPPOARMS ORUGHOS S ORC OX	087NPP0426 # 0810404 # 6 0810 0816 0 # 6

DATE 14 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,41 PAGE 234 OF TABLE 1

THOUSE COLUMN TO THE	** * * * * * * * * * * * * * * * * * *	*****	****		****			* * * * * *	
##X.04-6FX66* ##X.05-6FX66* ##X.05	**************************************	M870° 9	* * * * * 1	00	80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * Om '90 '90 '90 '90 '90 '90 '90	* * * * * * * * * * * * * * * * * * *	# 600 Man
2	是有有有的。 在一切的多种的 有一切的多种的	# # # # # 000 44 44 84 84 84 84 84 84 84 84 84 84 84	444	00 00 00 00 00 00 00 00 00 00 00 00 00			# # # # 000 000 000 000 000 000 000 000	2 2 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	77201 * 77201 * 77201 * 4
		44 6000 64 6000	* * * * * 000	0000	M 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**** **** **** **** ****	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	* * * * * O O W M M M	* * * * * * * * * * * * * * * * * * *
A SECAL		**** 00000 00000 00000 00000 00000 00000 0000		00	# # # # # # # # # # # # # # # # # # #	****	*****	N 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100000
**************************************	**************************************	# # # # # W M T H # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * 0° 006 RI	T H * * * *	I I I I I I I I I I I I I I I I I I I	0000a	TH	TCHUM TCHUM ON MAN ON M
A A A H C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	45 123 49.0 23 23.0	44 WB 12 WB 12 WB 14 WB	44 44 60 60 60 60 60 60 60 60 60 60 60 60 60	24. 24. 2. 4. 2. 0. 2. 4.	122 14.8 122 17.3 15.3	12 13 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	122 24 25 24 25 24 25 25 25 25 25 25 25 25 25 25 25 25 25
Σ	本 本 本 本 本 本 本 本 本 本	DRIFT CREEK	SALMON RIVER	SOUTH SANTIAM AND LIGHT	MIDDLE SANTIA	MCKENZIE RIVE	* * * * * * * * * * * * * * * * * * *	A THAIL WANTHOUS	A COLOVERONO THUO ACADEM TALAINA THUO ACADEM TALAINA THUO ACADEM TALAINA TALAI
PRIMARY CO. INAME ODENER	TIDEMATER STREET	TROUT CREEK Lincoln	UDP ORUO909 Lincoln	ALBANY LINN PACIFIC POWER	BEAR CREEK	BEAKER MARSH Linn	BIG CLIPP LINN DAEN NPP	BRUND	CAGCADIA (REGERAVOIR) GOUTH GANTIA ACCENTA PERSONALA
* FM 2 IO NO * PROJECT NAME * FM 1 IO NO * PRIMARY CO. #NAME OF STREA * ACTV DEP * DWNER * CODE * FILE * STATUS *	# 1004000 # # 100 000 # # # 100 000 # # # # #	# GR6NPP0421 # GRU0243 # % OFC I #	# 0R6NPP2711 # 0RU0909 # * 5 DFC I #	## DRKNPP0434 #	*	* ORSNPPO441.* * DRUO142 * * 6 DRC I *	A DRINPPOA664 A CONTROL OF CONTRO	* ORSNPPO442 * * ORUO151 * * S DRC I *	A GRENPHOASIA A GRENPHOASIA A CORUCESS A A CORUCESS A A A A A A A A A A A A A A A A A A

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,41 PAGE 235 OF TABLE 1

ACT I ID NO CODE CODE PHIE CODE	TANK COLLEGE TENERS TO THE TEN	****	CONGITUDE OR AREA (D M.M.) (SQ.M.M.)	A * * * * * * * * * * * * * * * * * * *	ACT TO	HE CAND		- 50 - 50 - 50 - 50 - 50	A COROLINGE RANK) A
* * * * * * * * * * * * * * * * * * *	ANAVARANARARARARARARARARARARARARARARARAR	**************************************	44 24 0 4 10 0 10 0 10 0 10 0 10 0 10 0	######################################	# # # # # # # # # # # # # # # # # # #	######################################	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	我们我们的现在分词,我们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们们
ORSNPPO455 DRUG637 5 DRC D	CHIMNEY PEAK	MIDDLE SANTIA*	44 30.0 122 16.0 52	* * * * * * * * * * * * * * * * * * *	# # # # # # UT (V) 6- "ED " "ED " "ED " "ED "	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 24 24 25 26 26 26 26 26 26 26 26 26 26 26 26 26	
ORANPPEZES ORUGAIS S OFC I	CRABTREE CREEK	CRABTREE CREEK	43 35.9 122 42.9 65.4	* * * * * * * * * * * * * * * * * * *	646 608 008 4444	000 99 88 88 88 88 88 88 88 88 88 88 88 88	113200 123000 12000 13000	44 44 44 44 44 44 44 44 44 44 44 44 44	
ORINPPOA65 OROCOCA PFC I	DETROIT DAEN NPP	T T T T T T T T T T T T T T T T T T T	44 43.0 122 15.0 438	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	11 00000 00000 00000	36772 123000 49074 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	200 16.00 14.00 14.00 14.00	
DRSNPPD456 PORUGESI	FISH LAKE	MCKENZIE RIVER	44 23.0 121 58.9	* # # # # # # # # # # # # # # # # # # #	0 4 6 0	0000	446000	973.71	
ORINPPO467	FOOTER RESECTIONS	AEAEGULATION DAM ** OCUTI GANTIAM & **	44 24.8 122 34.8 49.8 49.4	## HC17NG ## OP ## 251369.0# ##	1000 1000 1000 1000 1000 1000 1000 100	100000 100000 100000	11 14 14 14 14 14 14 14 14 14 14 14 14 1	କ ନ ଅଧ୍ୟ ଅଧ୍ୟ ଅଧ୍ୟ ଅଧ୍ୟ	
ORINPPO466 DROCOIO	C C C C C C C C C C C C C C C C C C C	MIDDLE GANTIAN	44 27 4 122 31 5 277	CHRING **	4 100000 4 10000 4 10000 1000 1000 1000	######################################	M + + + + + + + + + + + + + + + + + + +	2 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	
ORGNPPO443 ORUO162 S DRC D	HOLLEY (COMPS OF ENGINEERS) FLINN CALABODYA RI K COMPS OF ENGINEERS.NPP	OF ENGINEERS) & CALAPOOYA RIVA (EERS&NPP	44 20.9 122 46.9 105	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	# # # # O O O N N M M N N	1080 1060 1060 1090 1090	
* ORENPP2784 * JORDAN * ORUGASO * LINN THOMAS CREEK * 5 DRC I *	LORDAN	A THURA CREEK A 4	44 43.2 122 42.4 70	* * * * 6	* * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			M 80 44 40 40 40 40 40 40 40 40 40 40 40 40	

DATE 14 FEB 81 NATIONAL MYDROELECTRIC POWER STUDY TIME 22,29,42 PAGE 236 OF TABLE 1

11 10 NO # 10	ID NO * PRIMARY CO. "NAME OF STREAM COSE * ILE * ATUS *	****	CONGRACIO CONGRA	AVE STATUS AVE STATUS STATUS	* (PT) *	40 CXX CXX CXX CXX CXX CXX CXX CXX CXX CX	# 112()	(1000 %)	TOWARD ENC NONECONDMICA ENC COMPOSITE A (ORBOLENCE NANK) A (ORBOLENCE NANK) A (ORBOLENCE NANK) A (ORBOLENCE NANK) A
**************************************	**************************************	**************************************	######################################	**************************************	* * * * * * * * * * * * * * * * * * *	** ** ** ** ** ** ** ** ** ** ** ** **	**************************************	*	在各种的 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
ORSUPPOASS * ORUGA70 * ORC DRC * O * O * O * O * O * O * O * O * O *	LOG POND	EILE CON EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE	44 100 100 100 100 100 100	** * * * * * * * * * * * * * * * * * *	0 4 4 4 4	C 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	9017	900	
ORUGAGES +	LOWER FALLS	MCKENZIE BIVES	44 19.1 122 1.0 146	*****	25.00 A W W W W W W W W W W W W W W W W W W	* * * * * * * * * * * * * * * * * * *		20.00	
DRENPPORER ** ORUGEO ** S DRC I **	L L L L L L L L L L L L L L L L L L L	LITTLE NORTH *	44 46.9 120 25.9 93 93	118 18 660°0	00000 00000 00000 00000	0 + h	* * * * * * * * * * * * * * * * * * *	6-955 61. 8. 0. 8. 1.	
0R5NPPO4455 * 0RU0211 * 0	MEHAMA NUMBER	A AMALTHANA B TERON	44 48.5 122 43.9 655	T T T T T T T T T T T T T T T T T T T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100004	2 0 5 0 5 0 6 0 6 0 6 0	
DRUO675	MIDDLE FALLS (KODSAH) FIINN MCKEN	ACKENZIE DIVER	44 19.5 122 0.4	######################################	* * * * * * * * * * * * * * * * * * *	M M M M O O O	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	000 000 000 000 000	
DR6NPPO446 ** GRUO215 ** S DFC I**	D 22 22 11 11 11 11 11 11 11 11 11 11 11	A A E A E A E A E A E A E A E A E A E A	44 400 101 100 100 100 100 100 100 100 1	****	100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 10	118000	* * * * * OOOOM	24 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -	
DRSNPPO436	PACKERS GULCH	AUARTZVILLE C*	44 31.5 122 26.4 80	E # # # # # # # # # # # # # # # # # # #	800 900 900 900 900 900 900 900 900 900	9 9 Mh 0 9 9	4 4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 80 80 80 80 80 80 80	***
ORTNPPO447 * ORUO221 * S	PATTERSON LINN	A AKANTNAM HTUGO	44 23.4 122 26.4	X # # 1	110000	18000	0000	3637.4	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,42 PAGE 237 OF TABLE 1

CT TO NO OFF CODE CODE STATUS		* * * * * * * * * * * * * * * * * * *		**************************************	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* L000 . JUNIA * L000 . JUNIA * (0 001)	CONOCHIO CON
######################################	**************************************	######################################		** * * O * O * O * O * O * O * O * O *	******	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	**************************************	· 有 · · · · · · · · · · · · · · · · · ·
DR6NPP2770 DRU0893 S DRC I	A CINN	CRABTREE CREEK	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1081 1081 1084 1084 1084 1084 1084 1084	2000 2000 2000 2000	O P P M M M M	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3015 128 64	
ORJNPPO469 DROOS41	* GMITH DAM CCARA LINN * CITY OF EUGENE	DAM (CARYEN-SOMITY DIVERS * SOMITY RIVER * SOMITY RIVER *	122 18° 3 * * 123 123 1 * * * * * * * * * * * * * * * * * *	10 0 0 0	######################################	8 80000 101600	00000000000000000000000000000000000000	1403 51.030 52.030	
ORSNPPO462 ORU0698 S DRC D	* SODA FORK	* * * * * * * * * * * * * * * * * * *	24. 20. 21. 31. 31. 31. 31. 31. 31. 31. 31. 31. 3	# * * * * 50 60 60 60 60 60 60 60 60 60 60 60 60 60	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C 40 40 M M M M M M		760 44 30 311 35	
ORENPPO449 ORUGEST S ORC I	SEED NOWE	AMALTH SANTIUGS	44 24.4. 4.122 44.0.4.4. 4.0.000.0.4.4. 4.4.4.4.4.4.4.	# # # # # # # # # # # # # # # # # # #	M	1155 155 155 155 155 155 155 155 155 15		0.4 0.4 0.4 0.40 0.40 0.40	
ORENPP2757	THUMAS CREEK	* * * XUUUUU OVERUTE	44 42°0 **	20 00 00 00 00 00 00 00 00 00 00 00 00 0	20 4 10 4 10 0 10 0 10 0 10 0	w w 7.7 0 m m	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ហ ស ១ ស ស ស ស	
ORSNPPO450 ORUGE42 P DRC D	TOM CREEK (DIVE	A STANTON O STAN	44 42.4 ** 122 7.0 * * 178 **	* * * * * 000 000 000 000 000 000 000 00	4 0 0 0 0 0 0 1 10 1 10	22676 22676	166660	21.00 21.00 7.00	
OR6NPPO463	TOM CREEK (RESE	(AEGENOTE) ***********************************	44 42.4 # 122 7.0 # 216 # #	CH 100 100 100 100 100 100 100 100 100 10	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	107 H 20 H	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1186W 4 4 4 7 18	
ORINPPO468	TRAIL BRIDGE DAN FLINN CITY OF EUGENE (TRAIL BRIDGE DAM ** LINN MCKENZIE RIVE** CITY OF ENGENE (EWEB) **	44 16.1 * 122 5.9 * 184 *	10 000 4 * * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000	471WS 471 471 471 471 471 471 471 471 471 471	60	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,42 PAGE 238 OF TABLE 1

***************************************	TO NO A PRIMARY CO. SNAME OF SHARE	* *	**************************************	HAKARARAKAKAKAK NAC A. CUJU. DOKU	* * * * * * * * * * * * * * * * * * *	EXHORNERS RESERVED	本本文本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	* U	REFERENCE OF THE CONTRACT OF T
# ACTV DEP # CODE CODE * * * STATUS * *	C III		4 E E E	AVE. G	(FT) (FT) (FT)	<u>.</u>	ZIII	_ 3	E S S S S S S S S S S S S S S S S S S S
* * * * * * * * * * * * * * * * * * *	A CAPARA A C	**************************************	78	在		**************************************	** ** ** ** ** ** ** ** ** ** ** ** **	**************************************	不信任任 化电子 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
## OR6NPP2761 ## ORU0914 ## 6 DFC I	* WATERLOO NUMBER	* * * * * * * * * * * * * * * * * * *	244 244 244 244 244 244 244 244 244 244	* * * * * * OOOOO U	10 10 10 10 10 10 10 10 10 10 10 10 10 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		13765 46. 48	
TRENPOOLS TO DEC DEC DE	E FILE C STEEK	2	44 22 21 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	THOUSE ON COMMITTED STATES	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	644 644 644		M470.8	
A DRHNPPO436 # CRPO622 # CORPO522	WILLAMETTE PAP	ATANTAN THUDO	44 32.9 122 54.0 4	10 10	000	24 29 20 24 24	****	06	***
TORCNIE TORCNI	A AGENCY VALLEY MALHEUR M DOI USBR	DAM NORTH FORK MARK ************************************	43 90 6 8 1 1 8 9 6 6 8 8 8 8 8 9 6 9 6 9 6 9 8 8 8 8	100 000 000 000 000 000 000 000 000 000	4 4 4 8 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-00 -00 -00	**************************************	72.167	****
THE CRCNPWOLPS	ANTELOPE DAM Malheur Jordan Valley	JACK ANTELOPER IRR DIST	42 N4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	N	11 11 12 12 12 12 12 12 12 12 12 12 12 1	****	104.67	****
BRSNPMO436 * ORUGO17 * S ORC I *	ARDCK MALHEUR	JORDAN CREEK	117 WW. 0 11 11 11 11 11 11 11 11 11 11 11 11 1	110 010 010 010*	2 2 3 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	C C C C C C C C C C C C C C C C C C C	*****	1677.6 107. 8	****
# GRANPWO417 * GRU0028 * 2 DRC I *	* BLACKJACK BUTTE * MALHEUR *	22 AAA MAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	43 41.4 ** 117 5.2 * 43110 **	T	1925	22 22 23 24 24 24 24 24 24 24 24 24 24 24 24 24	* * * * * * * * * * * * * * * * * * *	6 8 8 8 8 8 8 8	****
# ORGNPWO422	* BOGUS CREEK * MALHEUR OWYHEE RI * O.	SEATHER DIVINE	43 6 5 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T. T	# # # # # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	を	* CNCO *	44 44 44 44 44 44 44 44 44 44 44 44 44	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,42 PAGE 239 OF TABLE 1

TV DEP 10 PE 11 PE 12 PE	A 2014 - 2015 A 311111 CO. STATE OF CO. STAT		A CONGITUDE CO. A.	* * * * * * * * * * * * * * * * * * *	**************************************	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A * * * * * * * * * * * * * * * * * * *	C1000 6)	TANGE OF THE STATE
X	**************************************	**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	# CO O O O O O O O O O O O O O O O O O O	*000	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	K K K K K K K K K K K K K K K K K K K
ORCNPWOAWS ORUGOS S ORC I	DUNCAN PERRY MALMEUR	OWYHEE RIVER	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	72761 72761		7330.9 73.88	* * * * * *
ORENPWO416 * ORUGOSO * ORC I *	MALHEUR MALHEUR	OWYHEE RIVER	* * * * * * * * * * * * * * * * * * *	A A A A A A A A A A A A A A A A A A A	2000 000 000 000 000 000 000 000 000 00	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 MM MM	3100.7 420.69	****
DRCNPWO430 x DRO0390 x S DRC I x	MALHEUR DAM MALHEUR DRCHARDS WATER	WILLOW CREEK CO	4 44 21 1 4 117 40 2 8 4 100	**************************************	M4 64 00 00 00 00 00 00 00 00 00 00 00 00 00	C 0 0 0 0 00 00 00 00 00 00 00 00 00 00		55 55 56 56 56 56 56 56 56 56 56 56 56 5	***
DRSNPWO418 * ORUOOS4 * E	MCLOUGHLIN	MALHEUR RIVE	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	10 10 10 10 10 10 10 10 10 10 10 10 10 1	. * * * * * * * * * * * * * * * * * * *	900 900 900 900 900 900 900 900 900 900	612 _e 11 92 _e 170	****
DRUNDERORS * CRUCOSS * S	NAMAR MALHEUR	MALHEUR	* * * * * * * * * * * * * * * * * * *	* * * * O * O 9M	2 0 4 0 00 0 10	44 44 44 44 44 44 44 44 44	N 1 W 1 O D M 1 W 1 O D M 1 W 1 O D M 1 W 1 O D M 1 O	1437.7	***
0RCNPW0433 * 0R00582 * 2	OWYHEE DAM Malheur Doi Usbr	OWYHEE RIVER	43 38 6 117 46 9 11150	# 1CN	410000 400000 400000 440000	1870781	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3898.8 61. 70	***
DR7NPW0420 * ORU0056 * S DRC I * S	RESERVOIR NUMBE Malheur	NUMBER TWO South Fork M	A # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	00 00 0.00 0.00 0.00	C # # # # 1 C T T C 0 M M	1712a7 450a16	
DRSNPWO409 # DRU0057 # S DRC I #	RIVERSIDE MALHEUR SOUTH FORK P		* 43 27.2 A* 116 31.0	* * * COOO	4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0	- # # # # O IN IN 40 40	W to 00 00 00 00 00 00 00 00 00 00 00 00 00	456.84 122.84	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,42 PAGE 240 OF TABLE 1

# # # # # # # # # # # # # # # # # # #		***	8 B W W W	*****	S & & & &	***	* * * * * * * *	2 42 42 42 4	: (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				***	***	****	***	* * * & * * *	
# K # # # # # # # # # # # # # # # # # #		10994	75 15 10 10 10 10	87.728 80.108	4404 4404 844 844	80 45 40 40 80 60 8	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	N 6 N 6 N 6 N 6 N 6	047 047 044 044 044 044
* 2 C C		1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 # # # # O O O M M	* * * * * * * * * * * * * * * * * * *	1919 1919 1919 1919 1919 1919 1919 191	# # # # # 0 9 9 0 9 0 9 0 9		7. 2. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	81 IN
* C C * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	5		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N N N N N N N N N N N N N N N N N N N	184777 18477 18477 18477 18477 18477 18477 1847	* * * * * * † † † † * * * * * * † † † *		# # B B B B B B B B B B B B B B B B B B
# # # # # # # # # # # # # # # # # # #	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	110 00 mm 00	* * * * * * * * * * * * * * * * * * *		24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00000000000000000000000000000000000000	M M M M M M M M M M M M M M M M M M M	
# A B B C # A B B B B B B B B B B B B B B B B B B		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M T T T T T T T T T T T T T T T T T T T	20 CC	2 H	T OO	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	10000
# # W W W W W W W W W W W W W W W W W W		117 10°5 # # 506 # # # 506 # # # # # # # # # # # # # # # # # # #	117 126 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 M 2 M 2 M 3 M 6 M 6 M 8 M	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
# Σ	A WARREST OF THE CONTRACT OF T		A X X X X X X X X X X X X X X X X X X X	MIDDLE FORK NAPE	EAHFYAR IFACT	BREITENBUSH R	A TOLONION SANDLON SAN	LITTLE NORTH	
* C. * C. * C. * E. * E. * C.	AALHEUR MALHEUR	THREE FORKS Malheur	UPPER OWYHEE LA Malheur	KARKOPRINGS OAK Malheur Karkoprinso hrr	AUMSVILLE Marton	84APS CREEK MARION	BYARS CREEK DIV	CANVON CREEK	DEL AIRE RANCH MARTON BUTTE CREEK
# # # # # # # # # # # # # # # # # # #	-	****	DRANPWOAZI # ORUGOS9 # S DRC I #	CRCNPWOARA # CROODSN # S ORC I # A	073NPP0472 # 07U0074 # 6 0FC 1 #	ORENPEO A STATE OR O OR O OR O OR O O A STATE O O A ST	CR7NPPO490 CRUOSI9 * DRC DR *	DR6NPPO47S & ORUO1SS & SEC I &	***

DATE 14 FEB 81. NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,43 PAGE 241 OF TABLE 1

CATO A CATO A CONTRACT A CATO A CONTRACT A CATO A CONTRACT A CATO CATO CATO CATO CATO CATO CATO	*000	# \$1 4 00074 # 0069 # \$1 4 00074 # 0069	# 90000 # 999011 # 604666 # 00000 # 1090011 # 604666 # 604666 # 604666 # 604666 # 604666		# # # # # OOOP	# NUN " NT U U U U U U U U U U U U U U U U U U	# # # # # # # # # # # # # # # # # # #	A CYPETS A WEULS A WASTE A CYPETS A CYPETS A WEULS A WEIGHT A WEIGHT A WEIGHT A WEIGHT A CYPETS A CYPE
******* ******* ********************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 400000 44 44 400000 44 44 400000 44 44	4 # # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	20 00 00 00 00 00 00 00 00 00 00 00 00 0	10.0	# # 0 000 # # # # # # # # # # # # # # #
* 20	44444444444444444444444444444444444444	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		T W W W W W W W W W W W W W W W W W W W	TO 0.0 M 0.0	IS IS 2700,01	118 118 118 118 118 118 118 118 118 118	1 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
*	**************************************	* * * * * * * * * * * * * * * * * * *	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	44 47 9 4 122 46 9 4	44.00 W 44.00	44 40 40 40 40 40 40 40 40 40 40 40 40 4	4 4 4 4 4 4
A4444444444444444444444444444444444444	A A A A A A A A A A A A A A A A A A A	* ELKHORN (RESERVOIR): * MARTON LITTLE NONTH *	A GRANGE SILVER CREEK	A MANTEN BANTANA BANTANANA BANTANANA BANTANANA BANTANANA BANTANANANA BANTANANANANA BANTANANANA BANTANANANA BANTANANANA BANTANANANANA BANTANANANANANANANANA BANTANANANANANANANANANANANANANANANANANAN	A STAINT ON THE	A ALTANTA THOUS AND THOUSE THE ALTANTANT THE ALTANTT THE ALTANTANT THE ALTANTANT THE ALTANTANT THE ALTANTANT THE A	A MEMANA DIVERSONON NEMANA DIVERSON NEMANANON NEMANON NEMANANON NEMANANON NEMANANON NEMANANON NEMANON NEMANON'	A MARTON NORTH GANTIANS
* * * * * * * * * * * * * * * * * * *	087NPP0484 08U0275 6 08C E	DRENPO485 DRUG276 6 DFC I	DRENPPO489 DRUG451 S	DRUNDRATE DRUNDS S DRC D	ORHNPP2730 ORPO618	ORSNPPO477 ORUG210 S DRC D	ORSNPPO473 x DRUG116 x 6 DFC E x	084NPP2721 08U0890 2 08C E 4

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,43 PAGE 242 OF TABLE 1

TO THE STATE OF TH					****	***	****	***	# 2°0798
	To the total and	10 m 10 m 10 m 10 m 10 m 10 m 10 m 10 m	4705-A	M W W W W W W W W W W W W W W W W W W W	26. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	# 5- # 10- #	© ©	44 20 10 10 10 20 10 10 10 10 10	80 04 04 04 04 04 04 04 04 04 04 04 04 04
* Z & &		0 00 00 00 00 00 00 00 00 00 00 00 00 0		60 00 00 00 00 00 00 00 00 00 00 00 00 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	107880	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100000 100000 100000	66 64 64 64 64 64 64 64 64 64 64 64 64 6
	SERVERS SERVER	113000 10000 10000	# # # # # # # # # # # # # # # # # # #	O P-P-	NAME OF THE OFFICE OFFI	00 45 45 00 10 10 10 10 10 10 10 10 10 10 10 10	000	20167	000 989 989
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	# # # # # # # # # # # # # # # # # # #	0 0 0 0	0 1 N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000 0000 0000 0000 0000 0000	000 000 000 000 000	11000 1000 1000 1000 1000 1000 1000 10	000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # 0 0 0 10 0
	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	2 H 0 H 0 0 0 H 0 0 0 0 H	CH C	14 W 0.0	10 H 20 H 10 H 10 H 10 H	10	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 40000 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0
COS STAN	**************************************	* * * * * * * * * * * * * * * * * * *	44 55.4 * 123 9.9 * 4	24 00 00 00 00 00 00 00 00 00 00 00 00 00	2 CU	44 44 60 64 64 64 64	101 47 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	# 120 518 0 # 120 518 0
* *	***************************************	**********	MILL CREEK	BUTTE CREEK	SALVER CREEK	SILVER CREEK	NORTH SANTIAMS + LIGHT	MATITURE THEOR	ORSNPPO462 # TURNER-NORTH SANTIAM DIVERSI# 44 53.0 ORUG245 # MARTON MILL CREEK # 122 58.0 6 DFC I # 670
ANALAS AN	**************************************	TANTO CANTER TANTON	SAN TARES	SCOTTS MILLS MARION	SILVER CREEK DAM MARTON SILVERTON, OREGON	SILVERCREST Marton	STACTON MARION PACIFIC POWER	TUNNEL CREEK MARTON	HURNERS NORTH
*	######################################				***	***	***	***	***

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,43

	. 🛊	****						****	* * * * *
######################################	* * * * * * * * * * * * * * * * * * *	6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	20.381	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1221.2 19.82		6742 36.135	10.4 60.4 7.	
**************************************	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # 0000 0000 0000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 40 000 000 44 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * 1 0 0 0 0 0 0 0 0 0 0 0 0 0	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 44 64 64 64 64 64 64 64 64 64 64 64 6	
######################################	** * * * * * * * * * * * * * * * * * *	0000 0000 0000 0000 0000	27600 # 27600 #	12 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N N 244 000 000 4444	134000	44 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	37194 # # 37194 # #	
	* * * * * * * * * * * * * * * * * * *	0000 0000 0000 0000 0000 0000 0000 0000 0000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	419000 719000 719000 71900	140000 140000 1448 1488 1488 1488 1488 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * OO 0 M O 0 M O 0 M O 0 M O 0	# # O O O O O O O O O O O O O O O O O O
AVE. STORES	**************************************	TH 0.00	E # # # # # # # # # # # # # # # # # # #	HNP DP 176400.00	8 00 00 00 00 00 00 00 00 00 00 00 00 00	110°0110°0	T # # 0 90 90 % # # # # # # # # # # # # # # # # # #	# # # # # 00 00 00 10 10	4 C 0 C C C C C C C C C C C C C C C C C
* * * * * * * * * * * * * * * * * * *	######################################	44 44 44 44 44 44 44 44 44 44 44 44 44	45 29 4 ** 122 0.4 ** 32 4 **	45 30 44 171 30 6 6 0 4 4 4 4 6 0 0 0 0 0 4 4 4 4 4 4	45 20 20 20 20 20 20 20 20 20 20 20 20 20	48 30.0 121 36.0 **	45 708 4 122 16 54 4 4 4 4 6 5 5 4 4 4 6 5 5 4 4 4 6 5 5 5 5	45 W11 PP P	400 000 00 00 00 00 00 00 00 00 00 00 00
PROJECT NAME 1 ID NO * PRIMARY CO. LNAME OF STREAM V DEP * OWNER OF STREAM FILE * TILE * TATUS	UDD DRUGGGT AND	LITTLE NORTH * *	**************************************	AM/RND POWERHOUS A SOLUMBIA RIVER	NUMBER 1 ** BULL RUN RIVE* AND	DEER MEADOW AND BULL RUN LAK#MULTNOMAH BULL RUN AIVE#	SANDY RIVERS	SANDV RIVER	A TOUR MALE MALE CREEK A A TOUR WAS A TOUR MALE CREEK A A TOUR WAS
PRIMARY CO. INAME DENER	t	UDP DRUO908 Marton	BLAZED ALDER MULTNOMAH	BONNEVILLE DA Multnomah Daen NPP	BULL BUN DAM NUMBER MULTNOMAH BULL CITY OF PORTLAND	DEER MEADOW A Multnomah	HUDHAN GOHN MULHNOMAH	TROUTDALE	BURLL
ACTOR CODE STATE OF S	CRANDPOGASA * CRANDPOGASA * CROCAGA * CRC CRC CRC CRC CRC CRC CRC CRC CRC C	3 070908 * 5 070 0 1 4	ORSNPPOSIO # ORUGI46 # # OFFC H * #	ORGNPPOSIA # GROOCOI # B OFC I # 8	DRCNPPOSIGNA DROOMPY A A A DEC II A A A A A A A A A A A A A A A A A A	ORSNPPOSII * ORUO171 * 6 DFC I *	DRENPPOSIS # ORUGES # 6 DRC I #	# CRUO412 # CRUO410 # 6 DRC I #	DRUNAPOURU B CRUOSES B CRUOSES B S OFC D B

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,43 PAGE 244 OF TABLE 1

MACHONIA MAC		****	****	****	****	* * * *	****	****	***
**************************************	** * * * * * ** * * * * * ** * * * ** * * * ** * * ** * * * ** * ** * * ** * * ** *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3020.7	* * * * * * * * * * * * * * * * * * *	000 000 000 000 000 000 000 000 000 00	# # # # # # # # # # # # # # # # # # #	00 00 00 00 00 00 00 00 00 00 00 00 00	0.44 0.44 0.44 0.44 0.44 0.44 0.44	6147.44
* - M M M M M M M M M M M M M M M M M M	K K K K K K K K K K K K K K K K K K K	116500 116500 116500 * * * *	* * * * *	* * * * * C 00 00 c0 00 	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11 44 6000 4 * * * *		000000000000000000000000000000000000000	131356 # 131356 # 1
* O O O O O O O O O O O O O O O O O O O		* * * * * 0 00 99 99 NN	W W 0004	* # # # # C = == N N N	17629	* * * * * 0 0 0 17 m M M	44 000 44 44 4 4 4	444 000 000 000	64161 * * 64161 * *
******	K W W W W W W W W W W W W W W W W W W W	12 12 12 12 12 12 12 12 12 12 12 12 12 1	10000 10000 10000 10000	400 400 000 4444	######################################	11000 0000 0000 0000	# # # # # # # # # # # # # # # # # # #	106 106 106 106 106 106 106 106 106 106	44 44 44 44 44 44 44 44 44 44 44 44 44
**************************************	**************************************	00 k	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * M IN G	10 10 10 10 10 10 10 10 10 10 10 10 10 1	# # # # # 0000 0000	# # # # # # # # # # # # # # # # # # #	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1S * * 1980 * 0 * 1980 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 *
######################################		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 47 9 9 4 4 4 4 9 9 9 9 9 9 9 9 9 9 9	44 18 18 18 18 18 18 18 18 18 18 18 18 18	44 44 44 44 44 44 44 44 44 44 44 44 44	44 45.0 **	44 WG	100 M M M M M M M M M M M M M M M M M M	* 45 16.7 * VE* 120 33.0 *
* * * * * * * * * * * * * * * * * * *	**************************************	011EHZ 210	** LITTLE LUCKIA* **	RICKREALL CRES	LUCKIAMUTE RI*	* * ICC MANUTE DIL	VALSETZ LAKE DAM (VALSETZ) * POLK SOUTH FORK SI* BOISE CASCADE CORP	SE SOUTH YAMILLA	JOHN DAY RIVE
ARABARABARARABARARARARARARARARARARARARA	SAFARSTANA SAFASA SAFA SAFA SAFA SAFA SAFA SAFA	GRAVEL CREEK POLK	LEWISVILLE POLK	MERCER DAM POLK CITY OF DALLAS	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	SEEKA V	VALSETZ LAKE POLK BOISE CASCADE	* WALLACE BRIDGE * POLK *	BULL BASIN SINTAN
*	**************************************	4 4 M ONCO 0 4 4 M ONCO 0 0 4 4 M ONCO 0 0 4 4 M ONCO 0 4 4 M ONCO 0 4 4 M ONCO 0 4 M ON	* CNCVPRVVVV * * CNCVPRVVVV * * CNCVPRVV * * * CNCVPRVV * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	A CREATER SECTION A SECTIO	# 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# DR6NPPOSS1 # DRUG448 # 5 DRC I. #	# GR6NPP2696 # GRU0809 # 6 DRC D

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,43 PAGE 245 OF TABLE 1

A CASE A CONTRACT OF CONTRACT	1001000 x 000000 x 000000 x 000000 x 00000 x 00000 x 00000 x 00000 x 000000	4 7647 4 0 0 4 4 0 0 4 4 0 0 0 4 4 0 0 0 0 0	00000	* * * * * * * * * * * * * * * * * * *	00000000000000000000000000000000000000	* * * * * * * * * * * * * * * * * * *	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* * * * O O O O O O O O O O O O O O O O
**************************************	* * * * * *	2000 8000 9000 9000 9000 9000	# 11263000 # 35000 # 11318000	* * * * * * * * * * * * * * * * * * *	* * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 11 11 11 11 11 11 11 11 11 11 11 11 11	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10010
XAMP CONSTRUCTION OF STRUCTION OF STRUCTUON OF STRUCTION OF STRUCTION OF STRUCTION OF STRUCTION OF STRUCTUON OF STRUCTION OF STRUCTUON	100780	64700	2160000 540000 270000	103400 103400	14100	11 M W W W W W W W W W W W W W W W W W W	0 9 9 9 9 9 9 9 9 9	7792	7.00.00
** ** ** ** ** ** ** ** ** ** ** ** **	3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	99990 999000 1214 7414	131.0 3010000 *	4460000 4460000 460000 460000	M40000 40000 40000 40000 40000	2000 27000 17000 1744 1744 1744 1744 1744 1744	11200 11200 1000 1000 1000 1000 1000 10	W W W W W W W W W W W W W W W W W W W	1
# # # # # # # # # # # # # # # # # # #	**************************************	** * * * * * * * * * * * * * * * * * *	TO T	* * * * * * * * * * * * * * * * * * *	TH SO	# # # # # # # # # # # # # # # # # # #	DI SO	TI 00 11 10 10 10 10 10 10 10 10 10 10 10	I # # # # O
LATITUDE CONGITUDE OR.AREA (D M.M) (D M.M) (SO.MI)	######################################	45 18.9 120 31.9 6924	45 43 0 1 120 41 0 4 1 5 0 0 0 4 1 5 0 0 0 0 4 1 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	45 40.0 4 120 30.0 4 120 30.0 4	200 100 100 100 100 100 100 100 100 100	24 20 20 20 20 20 20 20 20 20 20 20 20 20	45 17*9 ** 123 49*9 ** 26 **	4 10 15 10 10 10 10 10 10 10 10 10 10 10 10 10	45 33 5 4 100 100 100 100 100 100 100 100 100 1
x	**************************************	A WIND A Y A O N HOU	**************************************	A JOHN DAY RIVE*	NEGOTA CONTRACTA	A WATH ARON HERON	800 A V PR C C C C C C C C C C C C C C C C C C	NEGATIOCOA BIVER	* ORGNPOSSE * CEDAR CREEK * ORUG426 * TILLAMOOK WILSON RIVER * * 5 DRC I * * * * * * * * * * * * * * * * * *
PRIMARY CO.	BUTTE CREEK CLARKS BUTTE CREEK CLARKS BUTTE CREEK CLARKS BUTTE CREEK CLARKS	CACK KNIFE SHERMAN	GOHN DAY SHERMAN DAEN NPP	TENMILE FALLS SHERMAN	ALDER GLEN TILLAMOOK	BARK SHANTY TILLAMDOK	BEAVER CREEK TILLAMOOK	BLAINE TILLAMDOK	CEDAR CREEK TTLLAMOOK
A PART IN NO SE CODE CODE CODE CODE CODE CODE CODE COD	# # # # # # # # # # # # # # # # # # #	** CRSNPPOSINA ** CRUOLOM ** 6 DTC I **	A CRINDPOSSO * CROOOLL * CROOOLL *	DR6NPPOSS8 * CRUCA40 * 6 OFC I *	ORENPROSISS * CRUOISS * S OFC D *	DR6NPPOS30 * CRUCO79 * S DFC I *	DRENPRESTS # DRUGBOS #	A DRUNPOSSI * DRUODSO * S DRC D *	ORENPPOSS2 # ORUG426 # 5

1

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,44

A NO SERVICE S	据					****	****		
* + + + + + + + + + + + + + + + + + + +	* * * * * * * * * * * * * * * * * * *	© ► • 60	RJ ↔	40 40	N O	No.	 	40	N 80
# + 00 0 0 × 4 × 00 0 0 0 0 0 0 0 0 0 0 0 0	# 00 0 # 00 0 # 01 00 # 01 00	2179	56.47	2150 46.7	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1728 61.328	1482 61.7	37335. 80.16(142.6
* * * * * * * * * * * * * * * * * * *	* * * * * * O O O * O O * M M	0051	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	000	0 80 0 10 10 10 10 10 10 10 10 10 10 10 10 10 1	000 000 000 000 000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	15000 #
K WWW C C C K C WW S Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	# 0M	000	4 4 8 8 80 8 10 10 10 10 10 10 10 10 10 10 10 10 10 1	4 4	4 W W O O O O O O O O O O O O O O O O O	00 00 NI NI	W.W.	4 4 0 0	11.5000
* C C		000	6170 8170	10000	10000	4 4 6 6 N W O N W	5000 0000 0000	10600	3400 3400
KMHP KM = # KM = #		N2 N5	30 40	20	010	44	en en	010	M, M,
***	* * * * * * * * * * * * * * * * * * *	4444	4444	000	****	000	000	*****	000
**************************************	K K K K K K K K K K K K K K K K K K K	210°0 27000 209°7	N. V. V.	2 km 40	2000 2000 2000 3000	17 IV US	11 00 4 00 4	320 14080 399	4 UN 4
****	****	* * * * *	***	***	***	***	***	****	***
6 6	. 0	in O	0	0	su.	55. 0 8.0	0 * 2 E		0
F C C C C C C C C C C C C C C C C C C C		18 18 19 19 19	HCIU IS 1040.0	нся 18 960 ₀ 0			II S M	18 175.0	H T 10 10 10 10 10 10 10 10 10 10 10 10 10
	A CIM	# # # # #	HCIU IS 1040	* * * * * * * * * * * * * * * * * * *	****	# # # # # 20 20 4	***** *****	T T T T T T T T T T T T T T T T T T T	161
	A CIM	16.1 x I Nustra Ion Ny x Ion	29.4 * HCID 40.5 * IS 131 * 1040	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1	WW W W W W W W W W W W W W W W W W W W	27.0 * II 34.4 * IS 57. * 362.	M1.55 # I # 12 # 175	10. 10. 10. 10. 10. 10. 10. 10. 10. 10.
######################################		45 16.1 # 1 123 134 135 135 135 135 135 135 135 135 135 135	.4 * HCIO 0.5 * IS 31 * 1040	* * T	M M M M M M M M M M M M M M M M M M M	W.W. T. T. W.W. T. T. W.W. T. W.W. W.W.	45 27.0 * H 123 34.4 * IS 57. * 362.	45 M1.5 # H 12W 46.9 # 18 10W 46.9 # 18	LO
A LATITUDE *PROJETURE A LATITUDE *PROJETURE A DR. AREA * AVE. G A (D M.M) * AVE. G A (O M		1 4 6 16 1 4 T	# 45 29 4 # HCYD FF # 124 40 5 # 15 15 15 4 15 4 15 4 40 40 4 4 15 4 15	* 455.27.0 * HCS * 123 41.0 * 140 * 1960	4 45 25,0 A T 47,4 1,0 W 1,0 W 1,0 A	# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 45 27 0 4 II 184 123 34 4 4 IS 4 5 5 7 4 362	* 45 31,5 * 1 VER* 123 46,9 * 1 VER* 123 46,9 * 19	# 450 6.50 # T TUCA 1200 USI.e. A 100 1
A LATITUDE *PROJETURE A LATITUDE *PROJETURE A DR. AREA * AVE. G A (D M.M) * AVE. G A (O M		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 45 29 4 # HCYD FF # 124 40 5 # 15 15 15 4 15 4 15 4 40 40 4 4 15 4 15	7 455 27 0 4 HCS 71 VER 4 125 4 130 4 130 4 130 4 140	4 45 25,0 A T 47,4 1,0 W 1,0 W 1,0 A	A 450 MM of A I I I A I I M M4 A A I I M M4 A A A I M M M A A A A A A A A A A A A A	# 45 27.0 # H FORK TR# 123 34.4 # 18 # 57. # 362.	RIVER 123 46°9 * IO	# 450 6.50 # T TUCA 1200 USI.e. A 100 1
A LATITUDE *PROJETURE A LATITUDE *PROJETURE A DR. AREA * AVE. G A (D M.M) * AVE. G A (O M		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 45 29 4 # HCYD FF # 124 40 5 # 15 15 15 4 15 4 15 4 40 40 4 4 15 4 15	7 455 27 0 4 HCS 71 VER 4 125 4 130 4 130 4 130 4 140	4 45 25,0 A T 47,4 1,0 W 1,0 W 1,0 A	A 450 MM of A I I I A I I M M4 A A I I M M4 A A A I M M M A A A A A A A A A A A A A	# 45 27.0 # H FORK TR# 123 34.4 # 18 # 57. # 362.	RIVER 123 46°9 * IO	# 450 6.50 # T TUCA 1200 USI.e. A 100 1
A LATITUDE *PROJETURE A LATITUDE *PROJETURE A DR. AREA * AVE. G A (D M.M) * AVE. G A (O M		1 4 6 16 1 4 T	# 45 20 4 # HCTO E # 10 W 40 % F 16 # 10 14 14 16 16 4	* 455.27.0 * HCS * 123 41.0 * 140 * 1960	* 450 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 45 27 0 4 II 184 123 34 4 4 IS 4 5 5 7 4 362	* 45 31,5 * 1 VER* 123 46,9 * 1 VER* 123 46,9 * 19	# 450 6.50 # T TUCA 1200 USI.e. A 100 1
A LATITUDE *PROJETURE A LATITUDE *PROJETURE A DR. AREA * AVE. G A (D M.M) * AVE. G A (O M		A 4516.1 A T NESTUCCA RIVER 123 33.1 A 10 209	* 455 29.4 * HCYO * 153 40.55 * 155 * 151 * 1040	TRASK RIVER * 125 41 0 4 1CS TRASK RIVER * 125 41 0 4 19	* 45 25.0 * T * 05.0 * X * 45 25.0 * T * 05.0 * T * 05.	A 45 MASS A I SELSON RIVER A 12M M4.4 A T 10 TA 101 M 101 A 7555	* 45 27.0 * II NORTH FORK TRE 123 34.4 * 18 * 57 * 362.	A 45 31,5 A H KILCHIS RIVERA 123 465.9 A 10 8 4 175	# 450 6.50 # T TUCA 1200 USI.e. A 100 1
A LATITUDE *PROJETURE A LATITUDE *PROJETURE A DR. AREA * AVE. G A (D M.M) * AVE. G A (O M		A 4516.1 A T NESTUCCA RIVER 123 33.1 A 10 209	* 455 29.4 * HCYO * 153 40.55 * 155 * 151 * 1040	TRASK RIVER * 125 41 0 4 1CS TRASK RIVER * 125 41 0 4 19	* 45 25.0 * T * 05.0 * X * 45 25.0 * T * 05.0 * T * 05.	A 45 MASS A I SELSON RIVER A 12M M4.4 A T 10 TA 101 M 101 A 7555	* 45 27.0 * II NORTH FORK TRE 123 34.4 * 18 * 57 * 362.	A 45 31,5 A H KILCHIS RIVERA 123 465.9 A 10 8 4 175	# 450 6.50 # T TUCA 1200 USI.e. A 100 1
A LATITUDE *PROJETURE A LATITUDE *PROJETURE A DR. AREA * AVE. G A (D M.M) * AVE. G A (O M		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 45 29 4 # HCYD FF # 124 40 5 # 15 15 15 4 15 4 15 4 40 40 4 4 15 4 15	7 455 27 0 4 HCS 71 VER 4 125 4 130 4 130 4 130 4 140	4 45 25,0 A T 47,4 1,0 W 1,0 W 1,0 A	A 450 MM of A I I I A I I M M4 A A I I M M4 A A A I M M M A A A A A A A A A A A A A	# 45 27.0 # H FORK TR# 123 34.4 # 18 # 57. # 362.	RIVER 123 46°9 * IO	# 450 6.50 # T TUCA 1200 USI.e. A 100 1
A PRIMARY CO. STANDS OF ST	THE THE TREE TO THE TREE TO THE TREE TO THE TREE TO THE TREE TREE TO THE TREE TREE TREE TO THE TREE TREE TREE TREE TREE TREE TO THE TREE TREE TREE TREE TREE TREE TREE	* ELK CREEK * 45 16.1 * THE TILLAMOOK NESTUCCA RIVE* 123 336,1 * 13 * 14 18 18 18 18 18 18 18 18 18 18 18 18 18	# FDX CREEK # HCYD # 455 29.4 # HCYD # HILLAMOOK # 103 40.55 # 1040	* GINGER PEAK * 455 27.0 * HCS * TILLAMOOK TRASK RIVER * 123 41.0 * 19	* 45 25.0 * H * HOLLYWOOD * 45 25.0 * H * TILLAMOOK SOUTH FORK TR* 123 35.0 * IS * 49 * 325	A 45 BWest a III A 124 By By A I I A 11LLAMOOK WILSON RIVER a 124 A 101 A 755.	* KEYHOLE * 45 27.0 * H * TILLAMOOK NORTH FORK TR* 123 34.4 * IS * 57 * 362.*	* KILCHIS * 45 31.5 * H * KILCHIS RIVER* 123 46.9 * 19 * TILLAMOOK KILCHIS RIVER* 123 46.9 * 175	* LITTLE NESTUCCA RIVER * 455 6.55 * T * TILLAMODK LITTLE NESTUC* 123 51.4 * 161 * TILLAMODK LITTLE NESTUC* 124 51.61
A PRIMARY CO. STANDS OF ST	A THE TANK T	A 4516.1 A T NESTUCCA RIVER 123 33.1 A 10 209	# 45 29.4 # HCYD # TILLAMOOK WINER # 123 40.5 # 18 # TILLAMOOK WINER # 131 # 1040	TRASK RIVER * 125 41 0 4 1CS TRASK RIVER * 125 41 0 4 19	* 45 25.0 * H * TILLAMOOK SOUTH FORK TR* 123 35.0 * 18 * 49 * 325	A DUNDAN. A LU NACAN. A TLLAMOOK WILGON RIVER & 12W W4.4 & 10	* 45 27.0 * II NORTH FORK TRE 123 34.4 * 18 * 57 * 362.	* KILCHIS * 45 31.5 * H * KILCHIS RIVER* 123 46.9 * 18 * TILLAMOOK KILCHIS RIVER* 123 46.9 * 175	A LITTLE NESTUCCA RIVER A 455 6.55 A T A TILLAMODA LITTLE NESTUCA 125 51.4 A 161

DATE 14 FEB 81 NAYIONAL HYDROELECTRIC POWER STUDY TIME 22,29,44 PAGE 247 OF TABLE 1

TATA STATE S	**************************************	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0 4 0 0 1 0 0 4 0 0 0 0 0 0 0 0 0 0 0	4 4 5-1962 4 0 4 0 67-27 4 66-27 4 66-27 4 66-27 4 66-27 4 66-27 4 66-27 4 66-27 4 66-27 4 66-27 4 67-	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 6M 4 7 4 0 0 4 0 0 6 1 4 0 0 6 1 4 0 0 6 1 4 0 0 6 1 4 0 0 6 1 4 0 0 6 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1	121000 * 531000 * 34,158 * * * * * * * * * * * * * * * * * * *	4 4 4 1 - 2 2 2 2 4 4 4 4 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6
AVE. 6 ** CT.) * CT.] *	# # O O O O O O O O O O O O O O O O O O	* * * * * * * * * * * * * * * * * * *	* * * O O O O O O O O O O O O O O O O O	* * * O O O O O O O O O O O O O O O O O	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	100 4 100 0 4 100 0 0 4 100 0 0 4 100	HCHR # W95° DH W W W W W W W W W W W W W W W W W W	* * * OIOO * * * OIO
CO Ment	**************************************	24. N M N M N 00 0.00 N 00 N 00 N 00 N 00 N 00 N 00	450 100 100 100 140 140 140 140 140 140 14	45 14.0 * 123 50.0 * 140 *	45 45 45 45 45 45 45 45 45 45 45 45 45 4	455 428 428 428 428 428 428 428 428 428 428	45 16.7 * 123 32.5 * 28 *	4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5	45 41.4 *
PROJECT NAME RIMARY CO. INAME OF STREAM DENER	A TALLAMONA TO THE CONTRACT OF	MEADOW LAKE ATUCCA RIVER	MILE NINE ** TILLAMOOK TRASK RIVER **	MILE 12.5 TILLAMOOK TRASK RIVER &	.NEHALEM FALLS-LOW TILLAMOOK NEHALEM RIVER*	NETALEM TALLS+HIGH * TILLAMOOK NETALEM RIVER* *	NESTUCCA RIVER-USDA * TILLAMOOK NESTUCCA RIVE*	* ************************************	STONEHILL STOLEN RIVERS TILLAMOOK NEHALEN RIVERS
A THE TO NO	# 0000000 # # 00 00000 # # 00 00000 # # # 00 00	* CRGNPP8811 * * * CRU0927 * * * * OFC 1 * * *	* CR4NPPOS40 * CRUC164 * CRUC164 * * CRUC164 * * * * * * * * * * * * * * * * * * *	4 0700161 4 4 4 070 070 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A CRENPOSSAT * CRUCILLY * S DRC D *	## CRUCING ## CRUCING ## CORUCING ## ## COPIC CO	TORENPETAT A CRUCOSTA A S OFC I A A	# DR6NPP0068 # DRUN126 # # 6 DFC D #	* ORANPPOSA7 * ORUGN97 *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,44 PAGE 248.OF TABLE 1

A TY TO NO.	**************************************	* Z		######################################	**************************************	200	**************************************	****	ARAKARAKARAKARAKARAKARAKARAKARAKARAKARA
* ACTV DEP	C UU N N N N N N N N N N N N N N N N N N				* (FT) *	, 333 ,	# (MEM.) # (1000 # (10	S SE	A COEDUENCE BANK) A COEDUENCE BANK) A COEDUENCE BANK) A COEDUENCE BANK)
**************************************	全有表现是有在有效是有有有效的有效的有效的有效的。 2. 计多数数 第二十二 女子OOX	* *	************	化水化水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水	**************************************	**************************************	*****	**************************************	· 我我我我我就就就我我我我就我就要我我就
* 5 DFC I		•		522.0*	120.05	13000	* 000065		* *
	i K 4k	* *	i	* *	* *		* *		* *
* UNBNYFOSAY *	* TILLAMODK	SOUTH FORK TRA	45 25.	# # SH	150.00 50000	7400	* 000028	3127.5	* *
* S OFC D		• :	49	326.0*	110.7 *	7400	32000	-	
* *		* *	* *	* *	* *		* *		* *
* DRONDOUGH	# T.5/TRAOK	# 1 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0	45 07.0	804	* 0.010	0	*	5928.7	· **
* 2 OFC D		ii T	137	*0*506	169.8	00000	105000 *	10.400	* *
* 1	•	*	*		*		*		*
# DR6NPPOSSO #	* WAKEFIELD		5 43	××	* * 0 29	0	* *		* *
GRU0416	# TILLAMOOK	NEHALEM RIVER.	123		40	11791	* 52852	58,896	*
		# 1	* 1	#0.80.45		11791	* 208023		
. *			* *	K #	k #		K #		* *
* ORGNPPOSSI *	* WAKEFIELD UPPER		2	*	220°0 *	0	* 0	7524.0	:
* 0 0 0 0 0 1 V *	* TILLAMOOK	NEHALEM RIVER.	123 38,5 4	16	150000 150000	00000	# 363800 *	20,681	* 1
;		*	* **		1 4K	3	* *		* *
		*	;	*	3		*		*
A MACCURO	A CINCIPA OFFICE	* A STATE A STATE	* 0.44 14	* *	* *	0 2000	* 0 **	4668	事 :
* S DRC I *				165.0*	3		4 47376 *	10000	
*		*			*		*		. *
* ORANDPORES *	TAMAS COFFER	* 1	* 1 C 0 57	* *	# 1 G	•	* *		*
* 0RU0259 *		CAMAS CREEK *	. 9	. 4. 		1200	* 0000 *	1404	* *
* S OFC I *			2	40.56	2.	1200	* 5500 *		. 42
* 1			# 1	# 1	*		*		*
# ORENPPOSE4 #	* DALF	* *	5	* *	265.0 *	0	* *		* *
DRU017	MATILLA	NORTH FORK JOX	119 0.7 *		188000 *	3235	* 15061 *	0.00 S	: **
			* 1 065	*0*009		3235	* 15061 *		*
. *		* *	* #	K *			* 1		* 1
# DR6NPPOS76 #	* ECHO		5 43	· *	50°0°	0	0	9	K - K
A GRUOS47 A	* UMATILLA	UMATILLA RIVE*	119 9.9 4	* 6 6 5 5	* 10000 0000 00000	4400	* 00000	98.86	*
· · · · · · · · · · · · · · · · · · ·	计多数 计多数 医多种	***************	在	技术的基本的基础的基础的基础的	* *	***********	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,44

ACT L D NO CODE ACT CODE CODE CODE CODE CODE CODE CODE CODE	DELEARY CO. FEARM OF	# # # # # # # # # # # # # # # # # # #	3000	A VE CF	810R CT TT CT TT	0 + CCC CCC CCCC CCCCC CCCCCCCCCCCCCCCCC	# 1010	(1000 B)	**************************************
	SEASON CREEK SOUTH FORK Y	**************************************	E M M M M M M M M M M M M M M M M M M M	**************************************	# # # # # # # # # # # # # # # # # # #	* O SD		######################################	经存款 化邻丙基苯酚
ORSNPPOS62 : ORUO098 : DFC D :	* HOMLY * UMATILLA	** UMATILLA RIVE* **	25 20 20 20 20 20 20 20 20	15 220.04	4 0 6 0 8 0 8	44 000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2136.6 34.741	
ORGNPWO440 DRUOGE 5 DRC I	A JOE WEST DAM * UMATILLA	**************************************	118 30°9 118 20°8	1000 400 1000 444 440 444 444	118000 118000 128000 128000	44 60 60 60		9726.8 427.87	
ORCNPPOST9 DROOSB3	MCKAY DAM UMATILLA DOI USBR	エCKA < CK M	15 36 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	110 08 09 08 09	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N 11 7 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1	000000000000000000000000000000000000000	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
DRINPWO441 DROO513 Z DRC I	MCNARY LOCK AND C UMATILLA C	COLUMBIA RIVER	25 35.6 119 17.7 12 2000	11 11 11 11 11 11 11 11 11 11 11 11 11	165000 165000 165000 165000 165000	980000 740876 1720876	6121316 + 1111091 + 7232407 + 4	ы м а а а а а а	
DRENPPOSES CRUOLZO	MISSION	UMATILLA RIVER	118 47.9	0.00°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°	140000 142000 1955 1955 1955 1955 1955 1955 1955 1	16800	44 000 000 4 * * * *	6994 94. 5074	
ORENPPOST7 : ORUGET6 :	NOLTN	UMATILLA RIVE*	45 41.4 119 6.4 1327	THH 0.00 0.00 0.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 4 4 1 1 4 4 1 1 1 4 4 1 1 1 1 1 1 1 1	0.0 0.0 0.00 0.00 0.00 0.00 0.00 0.00	6.00 6.00 6.00 6.00 7.00 7.00	
ORSNPHO439 ** ORUGOSO **	* ROGERS CANYON * UMATILLA	800TH FORK WA**	2.5 2.0 2.0 3.0 3.0 3.0 3.0 3.0 3.0 4.0 4.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	20 II	100 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O M M	2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	51 10 10 10 10 10 10 10 10 10 10 10 10 10	
ORENPROSEO & RYAN CREEK ORUGO71 & UMATILLA S DRC D &	RYAN CREEK LMATILLA	* UMATILLA RIVE*	45 43 43 0 43 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CI IS 1655	100 00 00 00 00 00 00 00 00 00 00 00 00	44 0 7 8 4 0 7 8 4	0 40 40 0 40 0 40	232.17	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.45 PAGE 250 OF TABLE 1

A CONTINUE A A A A A A A A A A A A A A A A A A A	***			****		****		****	
180 et .	*********	41 P	F W W O W O W O	2020°8 398°91		13.00 mm	80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	363.79 61.339
# @ > > # & @ @ # Z & &	**************************************				* * * * * 0	* * * * * * O O O O O O O O O O O O O O		A SUNCTURE OF A	* * * * * * O
***	# # # # # # # # # # # # # # # # # # #	101 101 1044 1044 1044 1044 1044 1044 1	* * * * * * * * * * * * * * * * * * *	0 U	G W W	# # # # # # # # # # # # # # # # # # #	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	# 00 +0994 # N0+0994	# # # O or
# Z B	# # # # # # # # # # # # # # # # # # #	M W SM SM SM SM SM SM SM SM SM SM SM SM SM	M 1000 M	00 00 00 00 00 00 00 00 00 00 00 00 00	2. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	10 00 00 10 10 10 10 10 10 10 10 10 10 1	440 50 50 50 50 50 50 50 50 50 50 50 50 50	\$ 00000 14130000 \$ W.	* * * * O O S O S O S O S O S O S O S O S O S O
*A G G		IN I	# # # # # # # # # # # # # # # # # # #	ICSR PA IRO,01	2 N N N N N N N N N N N N N N N N N N N	10 8A 8A 840.078	* * * # * 000000000000000000000000000000	1.000000000000000000000000000000000000	本本本の。近日
######################################		119 us 119 us 11	45 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	45 6.5 117 39.1 4 4 96 4 4 4	45 25.0 117 40.0 1 1 40.0 2 1 1 40.0 2 1 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4	4.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	45 41.0 8 117 45.0 8 1 13 45.0 8 1	45 47.5 # 116 40.6 # 75000 # #	40 00 11 11 11 11 11 11 11 11 11 11 11 11
* 2	A A TILLA TO VER A A A A TILLA TO VER A A A A A A A A A A A A A A A A A A A	UMATTLLA RIVER	UMATICLA RIVE*	CANTERNATE CONTRACT C	MINAM WALLOWAR	ACNDE DAM GRANDE RONDE *	GRANDE RONDE **	20 20 24 20 30 30 30 30 30 30 30 30 30 30 30 30 30	A ARBVING A VERY A
* :	THORNHOLLOW UMATILLA UMATILLA	UMATILLA UMATILLA	YOAKUM UMATILLA	CATHERINE CREEK CNION	HORSE RANCH	LOWER GPANDER CUNION	MILE 12 UNION	APPALDOSA NALLOWA	* DRSNPWO460 * COLD SPRINGS * GRUOO37 * WALLOWA LOSTINE RIV
* * * * * * * * * * * * * * * * * * *	076NPD0369	0R5NPP2713 * 0RU0708 * 5 0RC 0 * 8	DR6NPPOS71 * CRUG424 * S DRC I *	ORENPWO445 ORUGO61 * *	DRUNDAGES *	GRENPWO444 * GRUOOSO * 6 DRC I *	CRTNPWO442 * CRUCOSS * S ORC I *	ORGNPWO452 * ORUGO22 * ORC E *	DRSNPWO460 * GRU0037 *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC PUWER STUDY TIME 22,29,45

ARXING ENROSANCI. CONTACTO ROUNTIONS ALINC ENROSANTES ON CONTACTO A GROUP CONTACTO A GRANT A (1000 6) A (ORGURING NANK) A (MAXI) A (ARXI) A (ORGURING NANK) A (MAXI) A (ORGURING NANK) A (MAXI) A (ORGURING NANK) A (MAXI)	在我们在我们我就要我们也没有你有我	* * * * * 1	*****			*****		****	****
NERGY COMPARAMENT (1000 %)	**************************************	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10175	2000 2000 2000 2000 2000 2000 2000 200	00000000000000000000000000000000000000	* * * * * * * * * * * * * * * * * * *	60.000 0.000 0.000 0.000 0.000	1000 1000 1000 1000 1000 1000 1000 100	00016 40016 44444
######################################	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	* * * * * * * O In In N IN 	11 11 11 11 11 11 11 11 11 11 11 11 11	104944955 # # 10494495 # # 1049495 # # 10494495 # # 10494495 # # 10494495 # # 10494495 # # 1049495 # # 10494495 # # 10494495 # # 10494495 # # 10494495 # # 1049495 # # 10494495 # # 104949 # # 104949 # # 104949 # # 10494	C # # # # 4 O ISI IN 0 ISI IN		5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1.561.9603 1.561.9603	4841674 + 4841674 + 4841674 + 4841674
HINCH HI		C C C C C C C C C C C C C C C C C C C	2712 2712 292 292 244 293 244 293 244 293 293 293 293 293 293 293 293 293 293	578778 578778 578778 54 50	4.4 4.4 0.80 1.4	OMM OMM OF MM	100117 100117 100117 10000 100117 100	76 W W W W W W W W W W W W W W W W W W W	1401420 1401426 140044 140044 140044 140044
	# # # # # # # # # # # # # # # # # # #	M W 4 M 60 O M 60 O 0 O 0 C 0 C 4 4 4 4 4	M 1000 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	01 4 00 6 00 8 00 8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 00 00 00 00 00 00 00 00 00 00 00 00 0	# # # # 0000 0000 0000 0000 0000 0000 0	424.00 1051000 381.00
	**************************************	######################################	A A C O O O O O O O O O O O O O O O O O	TC T T T T T T T T T T T T T T T T T T	* * * * * * * * * * * * * * * * * * *	2 I S S S S S S S S S S S S S S S S S S	1100 M = 400 M	113 300000 4000000	# # # # # # # # # # # # # # # # # # #
CONSTRUCTOR CONSTR	## ###################################	45 57 82 4 117 30 6 18 4 4 19 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	45 52.1 117 38.5 2900 **	45 50.9 # 116 47.2 # 74700 # #	45 33.9 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	45 34.9 * 117 43.4 * 171 * 48.4 * * 171 * 48.4 *	45 49.1 # 116 44. W # # 74800 # #	45 52.8 116 49.0 # # # # # # # # # # # # # # # # # # #	45 49.0 ** 116 29.4 * 73600 **
æ	SANATATATATATATATATATATATATATATATATATATA	NOTE ATTENDED IN CO. T. ST. ST. ST. ST. ST. ST. ST. ST. ST.	A GRANDER BONDER A * * * * * * * * * * * * * * * * * *	A CHUTH BAND STATE	* * * * * * * * * * * * * * * * * * *	A A CONVERT TAIL	A GNITALUGARA CHRISTANA A GNITALIAN SAANO A CRIVIA RIVALA A A CRIVIA CRI	A A A A A A A A A A A A A A A A A A A	SNAKE RIVER A
A A A A A A A A A A A A A A A A A A A	COVERDALE WALLOWA	CROSS CANYON NALLOWA	ELBOW CREEK WALLOWA	HIGH MOUNTAIN SEWALLOWA	IMNAHA WALI DWA	LTTTE MINAM Wallowa	MOUNTAIN SI Wall dwa	NEZ PERCE WALLOWA	PLEASANT VALLEY
ACT CODE	026 VPW0464 * * * * * * * * * * * * * * * * * *	DRYNPWOASSCR DRUGOSI * ORC I *	DR6NPWO449 * CRUCO14 * CRUCO14 * CRC I	ORGNPHO4514 * ORUGORS * SCP S* S	DRUNDWO462 ** ORUGO39 **	DRSNPHOASSIST A CRUOORY A	ORENPWO453 * ORUGO24 * 6 DRC E *	0R6NPW0451 ** 0RU0021 ** 6 0RC E *	# OR6NPWO414 # ORUG011 # # 6 ORC E #

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,45 PAGE 252 OF TABLE 1

A TO NO PEP * STILE CODE * STIL			1	***	1	100 100 100 100 100 100 100 100 100 100	AMNUMBER COLOR AMNUMB	8 6 6 £	REC COMPOSITES REC COMPOSITES REC COMPOSITES RECONSIDER RESULT RE
######################################	PRESENTER REPERT BY TO NO DEAD	**************************************	40 40 0 0 1 1 1 1 40 0 0 0 0 0 0 0 0 0 0	**************************************	# # # # # # # # # # # # # # # # # # #	本本在本文本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	**************************************	# # # # # # # # # # # # # # # # # # #	· · · · · · · · · · · · · · · · · · ·
ORANPW2620 ORUO716 S DRC I	THE RAPIDS ** WALL DWA	IRNAHA RIVER	45 117 117 119 110	M	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 6-6-	* * * * * * O © © O O	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
ORENPWO450 GRU0015 PRC I	* TROV F MALLOWA	GRAND RONDER R	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	170318 # 170818 #	N W W W W W W W W W W W W W W W W W W W	687 14 69 10 69	
DRSNPW0463 DRUGO40 6 DRC I	* TUNNEL * WALLOWA	IN ATANATA ATANATAN	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 H 4 K K K K K K K K K K K K K K K K K K	10.00 47.44 00.00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		44 44 44 44 44 44 44 44 44 44 44 44 44	1376.7	
ORUGOSS S ORC I	MADE GULCH * WALLOWA *	WALLOWA RIVERS	45 27 2 117 22 9	TH CO	000 000 000 000 000 000 000 000 000 00		M M M M M M M M M M M M M M M M M M M	808 24.05 40.05	
ORHNPW2621 ORWO717 OFC I	MALLOWA FALLS ** WALLOWA ** WALLOWA ** PAC POWER AND	ALLS EAST FORK WALK AND LIGHT **	45 15.5 117 13.6	TO	1190.00	11 10 00 00 00 00 00 00 00 00 00 00 00 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	66	
ORCNPWOA66 DROOA65 S ORC I	* WALLOWA LAKE DAM * WALLOWA W * DOBTN DITCH CO E	DAM WALLOWA RIVERR O ET AL	45 20°1	THE SECOND	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * *	N.U. 2.2 0.00 4.4.4.4	4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00	
ORENPWORST ORUGOSS P DRC I	* WILDCAT CREEK * WALLGWA	GRANDE RONDE	45 53.4 117 31.1	# # # # # # # # # # # # # # # # # # #	- 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	# # # # # # # # # # # # # # # # # # #	64 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	. 40 . 40 . 40 . 41 . 41 . 41	
DR6NPPOS81 DRUO077 S DRC D	* BADDER CREEK * MASCO *	A DONHURO EMAN	121 26.0	* * * C. On N	744 7400 200 444 744 744 744 744 744		1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3264.7 59.949	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,45 PAGE 253 OF TABLE 1

A CONTAINT OF CONTROL	***								
****	* * * **	-0-4	, 0	-0 = 0	c in	40	₩	06	No es
# > OE	* 4 0 * 4 0 * 4 0 * 4 0 * 4 0	13 ta 13 ta 14 ta 15 ta 16 ta 16 ta	MD -		N 4 00 4 0 4 0 4 0 8 0 8 0 8 0 8 0 8 0 8 0 8 0 8 0 8 0 8	7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0. 8. 6.	99	3763.5
######################################	* 4 6 4	No RU 24 an	- W	4 VI	No ⊶	22	-	2 V	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
***		****	****	****	****	****	****	****	****
* W C + E E E E	# # # # # # # # # # # # # # # # # # #	O 42 44 65 45 65 45 65 65 65 65 65 65 65 65 65 65 65 65 65	000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	NW 4601 W 4601	4 4 4 6 6 6 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8	10.10 0.00 4.44 0.00 0.00 0.00	190844	118710 118710
	****	****	****	****	0.00	****	****	* * * * *	****
# . 0333 # 004000 # 444 @	# 000 # 000 # 000	867	00 21 1200 1200	21667	4 4 0 0 0 0	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	123097	20 CH	* * * * 0 0 0 0 0 0 0 0 0 0 0 0 0
*****	****	****	****	****	****	****	****	****	****
**************************************	* * * * * * * * * * * * * * * * * * *	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11 12 00 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0	8 48 00 00 00 00 00 00 00 00 00 00 00 00 00	148 39000 119.8	180 682 131 141 683 683 141 141 141 141 141 141 141 141 141 14	195000 17900 1790	0.0 0.0 0.0 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
******	* * * *	****	* * * * *	****	****	* * * * *	****	****	* * * * *
**************************************	* * * * * * * * * * * * * * * * * * *	13 13 160,01	181	TI SE	SH SH CO M	E H	T H 80 N 10 00	EN EN	* 45 10.0 * H * 451 7.0 * H * 9700 * 1950.00
**	*	****	* * * * *	****	****	****	****	****	* * * * *
**************************************	4 * * * * * * * * * * * * * * * * * * *	44 51.9 121 4.4	45 30.5 121 7.5	45 30.0 120 49.4 10410	45 9.4 121 4.4 9490	45 37 8 120 54 0 10500	44 58.6 121 3.5 9281	45 17.9 120 56.9 10285	45 10 0 121 7 0 9700
	* * * * * *	****	****	****	*****	****	****	****	* * * * *
* 4	# Ω:	တ ဇ	3	æ	<u>o</u> r	Œ	œ	æ	α
* 111 * 02 * 102	OESCHUTES	8 8 11 8	JAP HOLLOW	DESHCUTES	DESCHUTES	DESCHUTES	DESCHUTES	OESCHUTES	DESCHUTES
* L * L D	* U		Ĭ	Đ.	ž S	. i	ž S	Ή. SC	i i
* 4M * 4M	* W	3 Q X	47	0	0	6		0	ш С
**************************************		HOT SPRINGS	JAP HOLLOW	LDCKIT HASCO	MAUD IN MAGO		NORTH JUNCTION WASCO	DAK BRUDK Wasco	SOUTHER
* a	* # # # # # # # # # # # # # # # # # # #	H O M	3 A 3.	L DC	M M	MADD X	Z 3	A A	E A SICC
##************************************	# 0 OFC I #	ARANPPOS83 ** ORUGO99 ** CARC D * CARC D **	076NPP273W 0700849 13 070 0 x	086NPP05844 08U0112 **	0R7NPP0585 0RU0118 * DRC D * *	086NPP0586 08U0123 8 008C 0 *	DR6NPPOS9S DRUG579 * * BRC H * * *	086NPP0587 * 08U0131 * 6 08C I *	* CRUDERS * DAK SPRINGS * CRUDERS * NASCO * CRUDERS * NASCO * CRUDERS * NASCO

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TINE 22,29,45 PAGE 254 OF TABLE 1

3	X.	CONGINATION OF THE CONGINATION O	AVE. D APEN. HO.	XX. XX. XX. XX. XX. XX. XX. XX. XX. XX.	101 101 102 102 104 104 104 104 104 104 104 104 104 104	**************************************	COO	ALINCAMENTAL STATES OF STATES
* *	A A A A A A A A A A A A A A A A A A A	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# # # # # # 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44444444444 4 0 4 10 10 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	有 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化 化
SCHOOLIE Wasco	* 9002110000 2043	44 14 14 14 14 14 14 14 14 14 14 14 14 1	**** *** *** *** *** *** *** ***	1000 1000 1000 1000 1000	000 000 999 NI NI	000	2639	* * * * * *
SHERAR FALLS WASCO	A THE SET OF THE A	45 15.5 121 0.4 10060	I H W H H H H H H H H H H H H H H H H H	***** 000 000 000 000 000 000 000 000	10 10 10 10 10 10 10 10 10 10 10 10 10 1	44 000 000 000 000 000 000 000 000 000	57 19 16 16 16 16 16 16 16 16 16 16 16 16 16	****
STNAMOX Naggo	00000HU4ES 214 *>	100 001 100 04 104 04	TI 00 00 10 10 10 10 10 10 10 10 10 10 10	N	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		00 00 00 00 00 00 00 00	****
THE DALLES	COLUMBIA RIVE*	45 36.9 121 5.9	10 00 00 00 00 00 00 00 00 00 00 00 00 0	2000 2000 2000 2000 2000 2000 2000	1806800	6199000 6199000 6199000 6199000	00	· • • • • •
TROUT CREEK Wasco	A A VICE OFFICE OF A VICE	44 49 9 121 3 9	11 10 4820 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100 M		4004 004 004 004 004 004 004	6839 a 4	P # # # # !
TVGH VALLEY Wasco	A A A A A	45 14 12 6 3 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	######################################	7	0 00 00 00 00 00 00 00 00 00 00 00 00 0	000	244 244 244 244	****
WHITE RIVER	*****	45 181 181 80 4.0	I I I I I I I I I I I I I I I I I I I	0 00 EN	##### 000 	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21 80 21 80 22 80 80 80	* * * * *
WHITE RIVER	A WASCO CIVER WHITE RIVERS A	45 14 0 17 10 8 201 8	1100 09N	20000 20000 414 88	2 # # # O O O O	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1497 1497 146 146	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.46 PAGE 255 OF TABLE 1

######################################	有我 我看 我 我 我 我 我 我 我 我 我 我 我 我 我 我 我 我 我								000 000 000 000 000 4 4 4 4
** * * * * * *	* * * * *	****	* * * *.*	****	* * * * *	****	****	***	*****
**************************************	**************************************	1046 146 14 a a 16	265 565 8	60 40 40 40 40 40 40 40 40 40 40 40 40 40	4 40 10 40 10 10 40 10 4	1020 148 8 8	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M	0110 60 60 60 60 70 60 10 60
# 4 # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	000000 0000000000000000000000000000000		* * * * *	60 60	10 mm	24 000 000 4 * * * *	611246	# O NN 00 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* O O C O O O O O O O O O O O O O O O O	# # # # # # # # # # # # # # # # # # #	C C C C C C C C C C C C C C C C C C C	0.001	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000	1170	1070	11 11 11 11 11 11 11 11 11 11 11 11 11	100001
* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0000 0000 0000 0000 0000	######################################	***** ***** *****	0000 0000 0000 0000	M 40 40 40 40 40 40 40 40 40 40 40 40 40
* * * * * * * * * * * * * * * * * * *	* * * C C C C C C C C C C C C C C C C C	TH 60 9	80 H 80 H 80 H 80 H 80 H 80 H 80 H 80 H	138 178 170 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	***** *** *** *** *** *** ***	11 00 10 000	TH 00 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	# # 0 0 0 6 A 1 0 0 0 6 A 1 0 0 0 6 A 1 0 0 0 6 A 1 0 0 0 0 0 A 1 0 0 0 0 0 0 0 0 0 0 0
******	* * * * * * * * O * en * * * * * *	0.0	80 - 10 80 - 10 8 - 10	***** *****		0 .80 2 .80	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20.00 20.00	48 N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* A S & C C C C * A S & C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2. S.	45 25 123 25 25 25	123	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	119	4 4
* E * T * T	**************************************	10 10 10 10	ru (n	ν. Α Ε	RU KI KI G. A.	NU UR	io go	JOHN DAY RIVER 119	4 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
**************************************	* * * * * * * * * * * *	7	ES CREEK * 450	N N N N N N N N N N N N N N N N N N N	0.00 × × × × × × × × × × × × × × × × × ×	FORK DAIN 100 H	C 2 C C C C C C C C C C C C C C C C C C	DAY WIVE * 44 44 44 44 44 44 44 44 44 44 44 44 4	7 T T T T T T T T T T T T T T T T T T T

	7	DENER DE COLOR DE COL	CONGRETE CON	# AVE. G #BER. HO. # AVE. G #BER. HO. # (FT) # (AC FT) # (CFS) # (FT)	TX. 040% (AT TT) (AC TT) (AC TT)			(1000 s)	# CHERT # COLET # CONTROL OF COLET # C
* * * * * * * * * * * * * * * * * * *		**************************************	# # # # # # # # # # # # # # # # # # #	**************************************	## WIND WIND # WIND # W	** * * * * * * * * * * * * * * * * * *	# R R R R R R R R R R R R R R R R R R R	######################################	在
DRENPPOGOS DRUGOSE S DRC D	* HOGATE DONGTE * WHERLER	ACHN DAY RIVER	44 44 44 44 44 44 44 44 44 44 44 44 44	T	14444 14000 14000 14444	64174 64174 64174	100 100 100 100 100 100 100 100 100 100	40 mm 64 mm 64 mm 64 mm 64 mm	
DR6NPPO613 DRU0392 2 DFC I	SPRAY KINSERLY E EHERLER	JOHN DAY RIVE*	119 39.4 4765	## ICA ## ## 1740.0##	305.0 162000 279.0 4 4 4	74 74100 74100	N IU M M M M M M M M M M M M M M M M M M M	44 44 44 44 44 44 44 44 44 44 44 44 44	***
ORGNPPOG14 NORUGA11 NO DEC D	THICKENHAH WHEELER	ACHN DAY AT THE STATE OF THE ST	44 44 4 180 80 0 50 0 0	TI 0000 00 00 00 00 00 00 00 00 00 00 00	26 00 00 00 00 00 00 00 00 00 00 00 00 00	75100		ଦ୍ଧ ରଧ ବ୍ୟ ବ୍ୟ ଅନ୍ତ ବ୍ୟ ଅନ୍ତ ବ୍ୟ ଅନ୍ତ ବ୍ୟ	
ORHNPPO615 ORPO615 S OFA D	BAKER CREEK MCMINNVILLE VAMMILL BAKER CREEK WUNKNOWN	JINNVILLE * BAKER CREEK *	45 12.6 123 15.0	* * * * * * * * * * * * * * * * * * *	#### 000 m	coo	* * * * * *	00	
ORENPPOGIT ORUGEST S DFC I	BUCK HOLLOW YAMMILL	EILLAMINA CRESS	24 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	******	00000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1267.7	
ORENPPOSSS A ORUGSSS A S	CEDAR CREEK TAMMILL	SOUTH YAMHILL*	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	# # # # # # # # # # # # # # # # # # #	4 10 4 10 4 10 0 4 0 0 0 4 4 4 4 4	# # # # # O O O ISS of of	* * * * * 0 0 0 9 9 9 9	22. 22. 23. 24. 24.	
ORENPPOGIG N ORUGI79 N S DRC I	FAIRDALE LOWER VAMHILL	**************************************	45 31.5 123 17.4 50	T T T T T T T T T T T T T T T T T T T	2015 175000 20900 444	M W W W W W W W W W W W W W W W W W W W	1000 000 0000 0000 0000 0000	23 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25	
DRANPPO624 * DRUG432 * S	FAIRDALE UPPER VAMHILL	A YAMHILL RIVA	45 20.9 123 18.9 25		83 M R. 44 M M 0 O B	000 000 000 000 000	# # # # 0 0 0 0	788 868 84 84 84	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC ROWER STUDY TIME 22,29,46. PAGE 257 OF TABLE 1

TATE CAP ATTOCHEM TO SELECT TO SELECT THE SERVE SERVE SERVED SELECTION OF SERVED SERVE	· · · · · · · · · · · · · · · · · · ·		****
** + + + + + + + + + + + + + + + + + +	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #
######################################		44 044 044	# # 0000 # # # # # # # # # # # # # # #
RATES A STATE OF THE STATE OF T		* * * * * *	# 0 0 7 M # 0 0 0 7 M # 0 0 0 7 M
*****	1		# # # # # # # # # # # # # # # # # # #
THE STATE OF THE S		10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2
# L A T T T T T T T T T	1	183 20°55 183 18°5 15°5	4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
THE TO TO NOT A DATEMPT AND THE AND TH	ORCOPO638 * MCMTNNVILLE DAM 4*C OROO514 * YAMHILL NESTUCCA RIVE* ' S DFC I * CITY OF MCMINNVILLE	* MODRES VALLEY ** YAMHILL TASKING DRESK* **	A CRENPPOSENT WILLAMINA CHEEK HOWER A 455 7°55 TO TOUGHTY A YAMHILL WILLAMINA CREEK HOW 26°50 A 55°50
* * * * * * * * * * * * * * * * * * *	# ORCNPP0638 # OR00514 # 5 OFC I #	TORENPPOSES TORUCAS TOPIC I	# OR6NPP0623 # ORUO417 # # 9 DFC I # # # # # # # # # # # # # # # # # #

名	下 N 是 N D D 是 N E N E N E N E N E N E N E N E N E N	4. H Z
JANOITIO	> 0 0 11 2	A A A A B A IL Y A
Oi ≪	N Z A	й. О
A L F 0	PACITY	S + A + S
	I C C A	u T
а. П	E C 1 R	z H
0 H & > H &	H O 34 O ⊁ H	

THE FIRST EXTRACT TOTAL EXTRINE BY AND THE EXTRACT HOUSEN TOTAL EXTRACT HOUSEN HOUSEN TOTAL HOUSEN H	*	-	* * * * * * * * * * * * * * * * * * *	化氢物物 电影性 医乳腺性 医乳腺性 医乳腺性 医乳腺性 医乳腺性 医乳腺性 医乳腺性 医乳腺	· · · · · · · · · · · · · · · · · · ·	***	* 123	*	A A A A A A A A A A A A A A A A A A A	* 0	* 00	* * * *	* * * * * * * * * * * * * * * * * * * *	化化 化	** ** ** ** ** ** **	· · · · · · · · · · · · · ·	在 住 表 表
FX.55. UNDER YOUR PROPERTY OF THE PROPERTY OF	k i	*	* S * S	*	*	** ** ** ** ** ** ** ** ** ** ** ** **	* 1	* X * 0 * "	*	**	* * * * * * *	* X * X * X * II	***	* * *	* 10	*	*
13	K -	* * * * *	* # # # # # # # # # # # # # # # # # # #	K A A C C A A C C A C C A C C A C C A C C A C C A C C A C C A C C C A C C C A C	* C C C C	* * * C * * C * C * C * C * C * C * C *	N EX # C C C C C C C C C C C C C C C C C C	*>ZQ *UU4 *OFU	# # # # # # # # # # # # # # # # # # #	# × → →	* H Z U :	# # # # CO # CO # CO #	######################################	* 50 50 4	* めひる	POTEN CAP*	* + 4 * + 4 * + 2 * + 2 * + 3 * + 3
18	K 4		K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0	K 00-0	0	K M M M		* •103		± (€) .	* * * * * * * O * * O	* •0	* * * * * * * * * * * * * * * * * * *	*	* * # # # # # # # # # # # # # # # # # #	* 0.4 * 0.4 * ~00
0		k 4		0 0	K 00 1		* *** :		k 6143 4	0	****	0	* +0 .		e nieni	* * * * * * * * * * * * * * * * * * *	# # 44 # 480 # 480
0.	k 4	C	* * * * * * * * * * * * * * * * * * *		K 44 W	k •0 1	K OLED 1	* * > 1	e num	k • 🗢 1	k •0 1			* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* MO * MO * M
1 INSTALLED CAPACITY AT EXISTING DAMS COLUMN 4 H TOTAL NEW POTENTIAL CAPACITY (SUM OF CAPACITY AT EXISTING DAMS CAPACITY AT CAPACITY AT EXISTING DAMS CAPACITY AT CAPACITY AT EXISTING DAMS CAPACITY AT CAPACI					1 10 10 10 10 10 10 10 10 10 10 10 10 10		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		0	K # # # # # # # # # # # # # # # # # # #			**************************************			# # Ui # OfU # etu
LEGENO DA LE INSTALLED CAPACITY AT EXISTING DAMS CAPCITY AT EXISTING DAMS CAPACITY AT EXISTING DAMS CAPCITY AT EXISTING DAMS CAPCITY AT EXISTING DAMS CAPCITY AT EXISTING DAMS CAPCITY AT UNDEVELOPED SITES ENERGY AT SUM OF ENERGY			, ~ W	0	r	0 0			X (I)	0	≠ £n.√er -		* RU-00 * =-0		ar 101 a.Ch	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
大学 かんしゅん かんしん かんしん かんしん かんかん しんかん しんかん かんしん しんかん しん しんかん しんしん しんしん しんしん しんしん しん しんしん しん	. 777	### ### #@M	S S S S S S S S S S S S S S S S S S S	C A D A C I	74 A T E	DE VERTOR			2 × × × × × × × × × × × × × × × × × × ×	4 P P P P P P P P P P P P P P P P P P P	K	K K K K K K K K K K K K K K K K K K K	EIVP XX	S S S S S S S S S S S S S S S S S S S	COLUMNS	2 AN TT)	* * * * * * * * * * * * * * * * * * *

UEVELOPMENT ADDITIONAL > (5) ш 2 u 02 03 14. O Z POTENTIAL CAPACITY PHYSICAL HYDRDELECTRIC

V H Z V > J > O Z Z W B

<u>u</u>

STATE

III I

c iu •	F = :						OTEN	⊷ ند	REMENT	CAPAC	3Z	on :	•				* * ;
H 2	* * * *	* C =	* 22 * 4	* * * * * * * * * * * * * * * * * * * *	** ** * * * * * * * * * * * * * * * *	**************************************	# 10 # 3 # 3	# 72	***************************************	k k k	* ~	* * 2 * 4	* 3	* * * *	******** T0TAL		* * * * *
iii iii ►	TEC HZ H>W	* * * * * * * * * * * * * * * * * * *	****	**************************************	* F = 3 -	****	* 0 0 4 1 * H Z O 1	* > Z & .	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	****	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	****	E H Y O O	# # # # # # # # # # # # # # # # # # #	4 10 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# 0° # W # # # C	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	***	* * * * * * * * * * * * * * * * * * *	# *U : # # * O *		* Y7 1	* • • •	K K K K K K K K K K K K K K K K K K K	00	k miscroti		K * * * * * * * * * * * * * * * * * * *			k	k postoru i
* 0 * 3 * 1	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 2 * 4 * 4 * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 3 -		်င်ငံငံ		000	NI O	K MM 1	000	* * * * * * * * * * * * * * * * * * *	ห กับกับ ห กับ กับ ห	k nunuao i		k 10101040 1
*	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* M 0 + M 0 + M 10 + M	000		x • • 1		. N 6	K + K + K + K + K + K + K + K + K + K +	000	* *******			000	
* 0 * 0 * 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* ON * ON * 200 * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 010 * 00			k = * 1	K * * * * * * * * * * * * * * * * * * *	x 7/ 1	2 4 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	× 200	4 4 6 6	k 5 h	E * * * * * * * * * * * * * * * * * * *	106	# 30 M # 40 G # 40 G
* -	* & X & X & X & X & X & X & X & X & X &	* * * * * * *	* * * * * * * 10 0 10 * 10 0 10 * 10 0 10	* * * * * * * * * * * * * * * * * * *	* **	k 0		x 000	1 0 0 M	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1075	10683	0 1 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4 4 4	2649	100	
** ** **	**	# H H H * *	**************************************	* 60	* 0 J	EXISTING	* + + + + + + + + + + + + + + + + + + +	* W COM	2 3 H H S S S S S S S S S S S S S S S S S	SUM OF E	APO XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	A T FOR	ACE SITES IVEN HEAD	CSUM OF		COLUMNS 2 AND (MEGAWATT)	K (6)

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.18.99 PAGE 191 OF TABLE 1

CODE CODE STATUS	ID NO 4 PRIMARY CO. *NAME OF GTREA COE 4 COE 4 ILE 4 ATUS 4 ATUS	E V	TCOSCHED COSCHED COSCH	* CO M. M. M. CO M. M. CO M.		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# (A C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	######################################	4 (0 00) 4 (0 00) 4 (1 0 0 0)	AINCHEANNAGE COOLS RESCRICT TO STANK THE CONTROL OF
PAACRECAS PAACRES PAACRES PAACOLIS PAACOLIS PAACE IN THE PAACE PAA	**************************************	* * * * * * * * * * * * * * * * * * *	****	40 00 00 00 00 00 00 00 00 00 00 00 00 0	* * * * * *	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	表 O III III III III II II II II II II II	# # # # # # # # # # # # # # # # # # #	1007 ° 6 ° 8 ° 8 ° 8 ° 8 ° 8 ° 8 ° 8 ° 8 ° 8	-
PAAGRPOO43	ALLEGHENY R L/D ON ALLEG	O3 ALLEGHENY RIV	4 * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	20 00 00 00 00 00 00 00 00 00 00 00 00 0	9 M 9 M 18 M	16801		* * * * * * * * * * * * * * * * * * *	2000
PAAURPOG44 PAOO114 PAO	* ALLEGHENY R L/D 04 * ALLEGHENY ALLEG * DAEN DRP	04 ALLEGHENY RIV	****	9 36.9 43.0 11419	****	NO 00 00 00 00 00 00 00 00 00 00 00 00 00	0 0 0 0	18169 16169		N N N N N N N N N N N N N N N N N N N	NI CO
PAAGRPOO48 * PAAGRP * PAAG127 * PAG127 *	DASHIELDS L/D ALLEGHENY OHIO DAEN DRP	RIVER	7 60 * * * * *	0 32.9 0 12.5 1932	**	**************************************	0 0 0 0 0 0 0	000 000 81 81 81 81	1200000	60 M 60 M 60 M 60 M 60 M 60 M 60 M 60 M	01 00
PAAGRPOO47.* PAGG126 **	EMSWORTH L/D ALLEGHENY DAEN ORP	α 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	3 45.2 19428	****	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0	W # # # # # # # # # # # # # # # # # # #	0 0 0 0 0 6 8 8 8		4 K K K K	* * * * * * * * * * * * * * * * * * *
PAAGRPOO451 PAGO120 * *	MONONGAMELA RIVER L/D 2 ALLEGMENY MONONGAMELA DAEN DRP	10 2 10 AHELA R	****	00 00 00 00 00 00 00 00 00 00 00 00 00	****	# # # 0 ° 0 0 M AI M A CO		0 7474 7474		24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N O C
PAAURPOO46 * PACO121 * 2 ORC I *	MONNNGAHELA RIVER L/D ALLEGHENY MONDNG/	ER L/D 3 Monongahela R	****	2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 74 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 * * * * * * * * * * * * * * * * * * *
PAAURPOOSE # PAOO115 # PAOO115 #	ALLEGHENY R L/D OS ARMSTRONG ALLEGHENY DAEN ORP	HENY RI	* * * * *	4 W 6 4 W 6 6 W 6 7 W 7	****	N DP 161W0.08	9 1	17144	1 4 5 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N 00
PAAGRPOOSS * PAGG116 * 2 DRC I *	ALLFGHENY R L/D 06 ARMSTRONG ALLEGHENY RI DAEN ORP	A A A A A A A A A A A A A A A A A A A	****	9 W W 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	NO 00 0 0 1 6 100 0 0 0 0 0 0 0 0 0 0 0 0	* * * * " O - 0 " O - 0	0 40 MM	0 00 0 00 0 00 0 00	M M M M M M M M M M M M M M M M M M M	

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.00 PAGE 192 OF TABLE 1

*	PRIMARY CO. INAME	* * * * * *				E # # # # # # # # # # # # # # # # # # #		TO CANA	THE COOLS TO CASE TO C	##ENERGY CO # (1000 8) # (8/##H)	-	TINCE STREET AND STREET
PAAGRP00514 PAB0117 **	**************************************	**************************************	44 44 44 44 44 44 44 44 44 44 44 44 44	* 3 M 60 * 0 M 60 * 4 M 60 * 4 M 60 * 4 M 7 M 60 * 4 M 7 M 7 M 7 M 7 M 7 M 7 M 7 M 7 M 7 M	* * * * * * * * * * * * * * * * * * *	60 M 6 M 6 8 8 8 8 8 8	* * * * * * * * * O O O	14444444444444444444444444444444444444		* * * * * * *	* 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	在
PAAURPOOSIS R PAOOLIB R R R	ALLEGHENY R L/D ARMSTRONG DAEN ORP	08 ALLEGHENY RIV*	61 10 60 0 00 47 10	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		9 5	000	17037	96277	****	40 40 40 40 40 40 40 40 40 40 40 40 40 4	0001
PAAURPOOS6 # PAOO119 # BAC II # BAC	ALLEGHENY R L/D ARMSTRONG DAEN ORP	ALLEGHENY RIVA	21 1- 0 0- 80 141 60	9 M S 4 D S 1 D S 1 D S	20	# # # # # # # # # # # # # # # # # # #	004	11 15 15 15 15 15 15 15 15 15 15 15 15 1	* * * * *	* * * * * *	114 16 16 16 17	n: 0 0
PACORPOOUS *	CROCKER DARMSTRONG CREEK DO AEN GRP	DAM CROOKED CREEK*	2 F	8.00	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	00 # # # # 0 # # # # # # # # # # # # #	000	15369	* * * * * * * * * * * * * * * * * * *	****	38.671	1001
PACORPOOS1 * PAOO107 * PAO 107 * P	MAHONING CREEK ARMSTRONG DAEN DRP	DAM HAHDNING CREEK	40 3	20 to	00 00 00 00 00	**** 74 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	64.0 0.0.0 0.0.0 * * * * *	7000	1,6000	****	W 0	1001
PAACRPOOSS PACO128 **	MONTGOMERY L/D Beaver Daen orp	OHIO RIVER	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2 D	* * * * *	***** 00	38000 38000 38000	197000	****	N VI O NU NV • O AO • O AC	# 00 F
PAGURPOOSS # PAUO141 # S DRC I #	RACCOON CREEK Beaver	RACCOON CREEKS	0 0 0 E	13 13 14 14 14 14 14 14 14 14 14 14 14 14 14	IN 8	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	44 45 60 60 60 60 60 60	本本本本 1 本本本 1 本本本	****	9 et 6 e 6 e 8 e 8 e	
PA6NABOO4S # PAUCOZ #	CYPHER STATION BEDFORD	4 4 040 NEC	4 t 6 t 9	50.0 50.0 70.0	** COR+H 15 18	****	0000 0000 0000 0000	. O N N	1	****	4866.1 303.54	
PABNABOOAT # PAOO242 # S DFC I #	A PABNABOOAT & LAKE GDRDON DAN A PABO242 & BEDFORD EVITTS CREEK & S S OFC I & CITY OF CUMBERLAND MD	EVITTS CREEK AND MD	Mr.	4 6 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	8 * * C * E	60 KU 1~	4 / 4 / 4	6 6 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	在 C PD T P P P P P P P P P P P P P P P P P	M == 4: 4: 4: 4: 4: 4: 4: 4: 4: 4: 4: 4: 4:	130,97 91,145	# A-D- ON III

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,00 PAGE 193 OF TABLE 1

Z 3 0	ACT ON THE TRIBARY CO. TANAME OF STREAM CO.	****	LONGITUDE DR.AREA (D.M.M.) (O.M.M.)	****	AVE. 0 * XX. 0402. AVE. 0 * YD. 10. (F1) * (AT.)	(FT) (FT)	THE CONTRACT OF THE CONTRACT O	ALONG MENT OF A CASE OF A	12000 (CLOOO (CLOOO) (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO) (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO) (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO) (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO) (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO) (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO (CLOOO) (CLOOO (CLOOO (CLOOO) (CLOOO (CLOOO (CLOOO) (CLOOO (CLOOO) (CLOOO) (CLOOO (CLOOO) (CLOOO) (CLOOO (CLOOO) (CLOOO) (CLOOO) (CLOOO (CLOOO) (CLOOO) (CLOOO) (CLOOO (CLOOO)	FRGY COGTA ERC NONECONDITOR FROY COMPOSITER 1000 6) A (SEGUENCE PANK) A (SEGUENCE PANK) A (SEGUENCE PANK) A
**************************************	ANANANANANANANANANANANANANANANANANANAN	* * * * *	# 0 0 # 4 0 0 # 0 0 0 # 0 0 0 0	* * * * * *	**************************************	92.0 12400 71.9		**************************************	**************************************	ででできまった。 中でなる女性を女性を女性を女性を女性を女性を女性を女性を女性を女性を女性を女性を女性を女
BLUE MARCH BERKO DAEN*NAP	TUL PEHOCKEN C	* * * * * *	6 6 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	****	C C C C C C C C C C C C C C C C C C C	2 N. 10 S. 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		44 W W W W W W W W W W W W W W W W W W	* * * * * * * * * * * * * * * * * * *
χ 4	SCHUYLKILL RI	* * # * *	O RU W 80 -00 W 4-44 RU O P	****	23 13 13 13 13 13 13 13 13 13 13 13 13 13	//	1137.00 47.00 47.00	* * * * * * * * * * * * * * * * * * *	6	* 1016 * 1022 * 1020
ONTEL AUNEE S OF READING	IE Naturo Jg	****	0 IV 0 IV 0 IV 0 IV 0 IV	****	C # # # # # # # # # # # # # # # # # # #	M N N 4 		44 (U iU 44 0 44 0 44	147.23 43.402	2008 2008 2006 24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
MAIDEN CREEK BERKS DAEN NAP	MAIDEN CREEK	****	0 m 0 m 0 m 0 0 m	****	CO # # # # # # # # # # # # # # # # # # #	1160.00 1400000 4 * * * * * * * * * * * * * * * * * * *	2 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	14700	11264	
CREEK DAK	MILL CREEK	****	6 1 1 8 8 1 1 6 8 1 1 6 8 1 6 8	****	A A CO ON B	W 000 00 00 00 00 00 00 00 00 00 00 00 0	00 033		1594.6 755.4	
NEW KORNSVILLE PORTS PA DER	DAM SCHUYLKILL RI	****	oru 4 0- m 4 0- m 0 44 0 44 0 44	****	# # # # # # # # # # # # # # # # # # #	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	***** O D M M - 40 40	144 0 00 00 00 00 00 00 00 00 00 00 00 00	# FD # 60 # 60 # 60 # 60 # 60 # 60 # 60 # 60	2017 2008 2013
ND FEED ON COLOR ON C	NEGHAMINY CDE	4444	14°7 189°0 180	****	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	10005 120000 100000 100000 100000	C P. T. M.	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	464 464 868 7.00	
A T SC X C X T	NOCKAMIXON STATE PARK DAM BUCKS TOMICKON CREEDER	***	5 28 2 2 2 2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * *	# # # # # # # # # # # # # # # # # # #	11 12 12 12 12 12 12 12 12 12 12 12 12 1		* * * * * O *0 *0 O *0 *0 M: M	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2012

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.00

FM 2 10 NG * ACTV DEP * CODE CODE * *	FM 2 ID NO * PRIMARY CO. *NAME OF STREAM ACTV DEP * CODE CODE * C	7	* * * * * * * * * * * * * * * * * * *	CANTITUDE ON A MENOR OF COMMANDE OF COMMAND	# # # # # #		TAN	HUNN HUNN HUNN HUNN HUNN HUNN HUNN HUNN	ANNUAL AND	医 () () () () () () () () () () () () ()	NERGY COST (1000 8) (8/MH)	NEASY COOKI * FERC NOT	****
# # # # # # # # # # # # # # # # # # #	**************************************	A K K K K K K K K K K K K K K K K K K K	0 # 0 # 0 # 0 # 0 # 0 # 0 # 0 # 0 # 0 #	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 97	# # # # # # # # # # # # # # # # # # #	10000 10000 10000 10000 10000 10000	(大王)	T3 T T T T T T T T T T T T T T T T T T	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	***************************************	A CONCURNIC DANK LA CONCURNIC	
* * * * * * * * * * * * * * * * * * *	LITTLE CONNOQUI	CONNOCIENESSING CR	4 # # # # # # # # # # # # # # # # # # #	80 O =1 0 = 24 0 = 24	0) 3: 14 4 * * * 4 * 1	****	60 60	O 0 0	*****	44	6 4 1 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	****	
PACURPOOS6 ** PANO273 **	MORAINE STATE I BUTLER OFFT OF FORESTS	STATE PARK DAN MIDDY CREEK **	4.0	2, 7, 0,+10 0,+10	a.C	4 * * * *	iu w iu so 4 iu o 4 o o 6	000	- 55 	0000	4.00 8.00 9.00 4.00 4.00	W 010	
PAGNABOLZI * PAUONZS *	CASTLE GARDEN CAMERON	00 F- NO NO NO NO NO NO NO NO NO NO NO NO NO	7.5	6	. * * * * *	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	016750 01675	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.00	6.00 m 6.00 m 6.00 m 7.00 m 8.00 m		
PACNABO125 * * PAU0160 * * DFC I * *	S CENTROL D SHE	200 P PORTIN	- 60 - 60	00 4 + 01 4 + 44 4 + 14 4 + 1	00 00	******	166.0 128000 29.7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	2.4 ON IV	20 00 00 00 00 00 00 00 00 00 00 00 00 0	IN CC NI	
PA6NABO122 * PAUDOSO * S DRC I *	HUNTLEY CAMERON	DRIFTWOOD BR	4 K	00 M	****	44.0.004	1286 101 101 101	141000	****	*****	12 04 04 04 04 04 04 04 04 04 04 04 04 04		
PASNAPOOGS ** PAUOISS ** SCP I *	A A BULA SHICOLA CARRON DAEN INA D	*** AGUASHICDLA C**	4.v	4 M 6 M 6 M 6 M 6	# # # # # U W	130.0	000 0000 0000 0000	0 0 0 m		C P P B) B) U B)	11 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
PACNAPOO47 * PACOO10 * OFC I *	BELTZVILLE CARBON DAEN NAP	* * * * * * * * * * * * * * * * * * *	2 t 0 t	85 M 60 -	0.00	160*0*	144 444 644 644 644 644 644	M W W W W	000	099	26 4 2 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3	1012 1010 1010	
PA6NAP8017 *	* PA6NAP6017 * MUD RUN RES. #1 * CARBON RES. #1 * CARBON MUD RUN		# # # # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	17. 1400. 1000. 1000. 1000.	14 W V V V V V V V V V V V V V V V V V V	. * * * *	4 4 4 4 M M M M M M M M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		

The state of the s

A * * * * * * * * * * * * * * * * * * *			Z & C C C C C C C C C C C C C C C C C C	CON MAN CON MA	****	STATUS AVE G (STD)		110 10 10 10 10 10 10 10 10 10 10 10 10	ALNO BENEACY AND CONTROL AND C	2 8£	R C C C C C C C C C C C C C C C C C C C
######################################	A PART A PART A PART A PART A PART A PERON TO A PERON ENTER A CARDEN A BELLO CREEK A BELLORITY A BELLER A PART A PERON	**************************************	* 0 W	**************************************	* * * * * * * *	株本本作を本作を表を 本 本 で 4 の 所 在 C 4 の 所	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	######################################
PACNAPOOSO PACOSO9 S DRC I	* WILD CREEK DAM * CARBON WILD * BETHLEHEM MUNICIPAL	WILD CREEK CIPAL AUTH	3 K	N N N N N N N 1 O	****	80 27 80 80 80 80 80 80 80 80 80 80 80 80 80	1200 1200 1200 1200 1200 1200		0 m m	* * * * * * * * * * * * * * * * * * *	****
PACNABOOSS PAOOOOS 2 DFC I	A A A A A A A A A A A A A A A A A A A	SAYER BALD EAGLE	27	2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	* * * * * *	0.00 mm	0.00 4 0.00 4 0.00 4 0.00 4			87 40 40 40 40 40 40 40 40 40 40 40 40 40	10001
PA6NAPBOOU	CTESTER CTEST CTES	YEE STATE OF THE S	3 F 0 R	9 8 8 8 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		000 000 000 000 000 000 000 000 000 00	44 44000 44 000	O M M		4 # # # # # # # # # # # # # # # # # # #	
PACNABOOSS PAOOOSS PFC I	CHESTER MEN AUN AU	DCTORARO CREEN AUTHORITY	P	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*****	00 C C C C C C C C C C C C C C C C C C	0.02 0.02 0.05 0.05	80 80 0 00 0 00 00		* * * * * * * * * * * * * * * * * * *	2010 2010 2010
PAIGRP0076 PAGOS14 9 DRC I	* PINEY DAM * CLARION * PENNA ELECTRIC	CLARION RIVER	4 F F F F F F F F F F F F F F F F F F F	11.4 26.0 957	****	17 40 0 0 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 900 900 900 900 900 900 900 900	0000	NON 65 PM	****	
PAGGRPOO74 PAUO131 2 PRC I	* ST PETERSBURG * CLARION	CLARION RIVER	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	****	* * * L * * * * * * * * * * * * * * * *	981300 981300 244.7	0 0 4 W 4 O O O O O O O O O O O O O O O O O	* * * * * * * * * * * * * * * * * * *	45 45 45 45 45 45 45 45 45 45 45 45 45 4	\$0 00 N
PACNABOOS6	A CURARRIELS A CLEARFIELD A DAENNAS	E TON ARE TON	4 * * * * * * * * * * * * * * * * * * *	8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	****	00 00 00 00 00 00 00 00 00 00 00 00 00	2 13 1 2 0 9 0 0 0 2 6 8 0	O in in m in m or or	C & & & & & 1	* * * * * * * * * * * * * * * * * * *	1020
PA6NABO054 PAUO026	* DIMELING * CLEARFIELD *	CLEARFIELD CR.	4 4 4 0 0 0 0	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * *	H	1 M 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4	# 4619.8 170.84	***

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.01 PAGE 196 OF TABLE 1

NO # DRIMARY	PROJECT CO INA	THE THE TAX TO SERVICE THE TAX TO SERVICE THE TAX TO SERVICE TO SERVICE THE TAX TO SERVIC	4 7	+ LATITUDE	. . .	TAO * OFFICE * OAM	NAN TA	W Z	4	《有有条件》 计多时关键 中的时间 2 位 1 2 位 1 2 位		TATA THE PARTY PAR
: : :		E.	3800	CO MARK CO MA MARK CO MARK CO MARK CO MARK CO MARK CO MARK CO MARK CO MARK CO		0 · · · · · · · · · · · · · · · · · · ·	* PWR HD. * (FT) * (AC FT)	. * * *		TANGE AND	2 2 2	89 -
****	*		S * * * * *	(OD STI)	* *	* (CFS) *	(FT)	*	XZ)	CIET)	- 1	* (SEGUENCE RANK)
ALVIN R	æ		44	6 EU 4 E	* *	# # 0. 0.	7	* *	# P	41.5	10 1 10 10 10 10 10 10 10 10 10 10 10 10	
AENNAE		†	* 1	226	# 4	366.0*	N.	- 42 - 4	# M	9093		102
1				,	E #1	* *		No. 100	*	*		* *
A REPART	FARRANDSVILLE CLinton	W BR SUSQUEHA	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	9. C	* *	* X+000	150000	女母	* * * * * * * * * * * * * * * * * * * *	* 0 81.85	1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	**
				·N	-	5325.0#		· *	95132 #	261854 #	8	z + z
		- *	* *		依 世	* *		* *	# #	* *		* *
KEATING			4 41	2	*	Heli	i,	*			38596	* 2001
LINTON	~		~	15. 14.	* +	100 PF 10	1625000	* 1	4633380 4	520713 *	54.917	\$ 5019
			E #E		. 4		•	K - 12	ם מ			2009
			*		祭	*			你	•		
A TURNES	SINCENAHONING			16.9	惟	COR+H #	190.0	保	*	*	10408	-#x
CLINION		*UNINCHE KUNNIK	* 4	# P	* 1		0008VI	# 1	4 70070	115741 #	89.926	₩.
		- 1	× .	•	F 4	2000	o u	k 4		# (#/CTT		*
			k -8		*	z 4		k fi	* **			er a
BLOOMSBURG	SURG	-	400	56.4	4	# &CO	80.0	*	4	•	12936	
COLIMBIA	₹	SCOULENANNA.	9 * :	34°7	* 1	18	75000	* *	73663 #	24 00000 A	46.872	· **
		- *	t -1x	1		- u			7 00 00 00 00 00 00 00 00 00 00 00 00 00	# PP 17 14		* +
			k		#	· *		- 48	L 4 8°			× 42
MAINVILLE	n.		40	58.0	#	0.R	157,0	ケ	0	•	3946	- 35
COLUMBI	₹.	CATAKISSA CR.	9.	20.0	*		0	叡	4820 #	14902 #	***	4
		** 1		138	* 1	195,04	110,2	er e	* 02.83	14902 *		包
		- 1			P 47			k #	K da	* 4		* 1
PYMATUNING	ING RESE	RESERVOIR DAM	7	30.1	*	Ox.	50.0	· de	0	0	183,89	X 44
RAWFOR	ē	_		27.7	#	a .	188000	*	3	16	44.00	*
EX.			*	160	揮	199.04	37.9	*	1314 #	4 160 #		*
		*			# 1	# 1		*	*	•		*
4000000	A SER	DAK		•	× •		0.00	* *	* *	* 1	*	* 1
CRAWFORD	20	WOODCOCK CREE,	8	9	*	40	20000	* ##	1000	240045	1 P	· •
AEN OR	Q.		*	9	*	#0°06	44.9	*	1000	2400	•	0.0
		→ 1	*		# 1	- ≇ -1		*	*	- 佐 -		*
HALF FALLS	871	- #	4 5	39.2	#	# & &DSH	50.0	K &	0	# # C	188	# •
MIHAIN		SUSCUEHANNA	4 76	52.1	#	## #2	185000	*	275027 *	642776 *	49.604	. 48
				19000	* 27945.0*	27945.04		*	275027 *	642776 *		•

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.01 PAGE 197 OF TABLE 1

# # # # # # # # # # # # # # # # # # #	**************************************	一种似似的	****		* * * * * * *	***************************************	* * * * *	* * * * * ****************************	1000
	张 我 我 我 我 我 我 我 我 我 我 我 我 我 我 我 我 我 我 我	***	****				* * * * * *	***	See See Man Am
* FO OO	# # # 60 %	ny so	87 O	o- un		00	66	w1 (b.	~ 40
# # D O O O O O O O O O O O O O O O O O	* W W * V · o * C · d * V · co * V · co * W · co	3443	S P	च्या . हा	7			ត <u></u>	
A CEEE A SECONDARY OF SECONDARY	* * * * * * * * * * * * * * * * * * *	9 M	M 40	40 kV				4 .	14.80 0.65
****	**	***	安套安约会	***	超级 安 教 教	***	*****	***	***
* 0 > > * 2 0 0 * 2 0 0	* 0.04 * 0.04 * 0.04 * 0.04	80 80 80 80 80 80 90 80 90 90 80 90 90 80 90 90 80 90 90 80 90 90 80 90 90 80 90 90 90 90 90 90 90 90 90 90 90 90 90	2.0. 0.0. 0.0.0. 0.0.0.0.0.0.0.0.0.0.0.0	0	00 ±	00 # #	O O 3	0 0 0 0 0 0 0	71607
* - Z Z X X X X X X X X X X X X X X X X X	* 0.00 * 0.00	7.88 7.88	कर्म कर्म कर्म कर्म	ก็ก	*	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	44	71607
******************	* * * * * * * * * * * * * * * * * * *	-		42448	* * * * * *	* * * * * * * * * * * * * * * * * * *	*	****	1 1 1
darana i	K 24 K 60 K 60 K 60 K 60 K 60	4 4 5 4 0 6 6	000 B	044	000	000	000	000	000
****	e grun	27 44 27 44	30	40 40 80 80				6 0 6 0	16060
HHH HONE HONE HONE HONE HONE HONE HONE H	וייי א	eu ro							1
	K K	***	***	***	****	***	****	****	4 4 4 4
	4 M M M M M M M M M M M M M M M M M M M	000	60 40 4 W ** 0 0 60	ONE	000	000	000	~ M ~	004
E C C C C C C C C C C C C C C C C C C C	* 4	0 0 0 4 0 0 0 4	20 4 20 4 30 4 30 44	807.0			O.	M W	80 0 1
**************************************		4444	***	***	Ary Ser Sea So Sor	***	ate ate ate an an	***	
	K C	ç	ွ	C		led.	**************************************	****	
* r t A D () ()	* 4	808 827763	133	4. (1)	211	2126	2172	25	8700.0
# * * * * * * * * * * * * * * * * * * *	E C S M	I H	0 G	ပစ်	I M	± ₩ *	I H	8 C	zo
* * * * * * * * * * * * * * * * * * *	**************************************	****	****	安安收收	***	***	***	****	***
TANAMA TA	K 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 40 40 40 40 40	10 to 10	87 4 M	000 900 048	4 8 0 0 4 4 0	N 40 -= • • • • • • • • • • • • • • • • • • •	2 4 5 5 0 0 0	0.00
KAZCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	# 0 P # 0 P # 0 W	440		ក <u>៤</u>	n n ⊶	0.0c	En 61 →	& & & &	00 1
* * * * * * *	* * * * * * * * * * * * * 4 \	****	***	4 * * *	· · · · · · · · · · · · · · · · · · ·	****	***	M P R R R R R	7 P 4 # # # # # # # # # # # # # # # # # #
* M * X	k k « k Z	. «	7 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	m X	> 2 ₩	> 2 W	≥	に N N N N N N N N N N N N N N N N N N N	- 4
# 14 # 62 # 1- # 87	K I	H AN	O Z	C.R.E.	# 0	198	100	200 200	AHE
m D	E E E E E E E E E E E E E E E E E E E	GUSGUEHANN	A R	(F (A) (A) (A) (A)	YOUGHIOGHE	YOUGHIOGHE	YDUGHIDGHE	INDIAN CRE	HONONGAHEL
* 4 M + 4 M			<u> </u>		√ 0	ž.	D		Ď.
# 4 W G	k E Si		Q A	MA					4
* < W	SCHOOL STANSAND SCHOOL STANSAND SCHOOL SCHOO		BRANCH DAM-CLARION CLARION ORP	> F					2
	TARKS CALL	PAXTON DAUPHIN	BRA ORP		→ = = = = = = = = = = = = = = = = = = =	# F	# - 10	A TEL	75.
# 2	2 2	X	EAST DAEN	UNION ERIE DAEN O	DAM A Favett	¥ >- ≪ ∓	PAY ET	INDIAN CRE FAYETTE Municipal	MAXWELL FAYETTE DAEN ORF
* 02	# 4 4	~ ~		3 to 0	O F	0 1	O 14	14 L X	700
* C. * C. * * * * * * * *	****	****	*****	****	****	***	* * * * *	***	***
K	K * * * * * * 	****	* * * * *	***	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * *	***		8 # # # 80 H
# # # # # # # # # # # # # # # # # # #	K * * * * * * 	****	* * * * *	***	7P0084 10146 78A D A * *	RP0085 # 10147 # 3RA D #	***		20000000000000000000000000000000000000
*	K * * * * * * 	****	* * * * *	***	PASCIRPOOBLE STANDING	PASORPOOSS # PAU0147 # S DRA D # 8	***		****

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.01 PAGE 198 OF TABLE 1

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,01

THE STATE OF	LATITUDE *PROJ_SPURP ** * * * * * * * * * * * * * * * * *	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* C.	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
	THE STATE OF THE STATE S	T

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.01

A CHELL OF COOK A CONTRACT OF		****	1004	2000	****	****	****		
NEWS	# # # # # # # # # # # # # # # # # # #	M	289 28.5 51.8 51.8	1169.2	0 M 0 M 0 M 0 M	29980 1099.	608 1.52 1.62 1.63 6.63	103.96	9 *** *** **** ***********************
**************************************		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	66 64 60 60 60 60 60 60 60 60 60 60 60 60 60	7.0017	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	### ## ## ### ########################	* * * * *	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *	**************************************	144 000 444	######################################	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # O # # # # O # # # # #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	44 44 44 44 44 44 44 44 44 44 44 44 44	00000 # # # 00000 # # # # # # # # # # #
*****	**************************************	4 4 4 4 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	VI V	177.0 # 48200 # 127.6 #	400 400 400 600 4444	**** OOD OMM OUN ONM ONM ONM ONM ONM ONM ONM ONM ONM O	890000 890000 887 8 4 4 8 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8	126600 126600 1066000 106600 106600 106600 106600 106600 106600 106600 106600 1066000 106600 106600 106600 106600 106600 106600 106600 106600 1066000 106600 106600 106600 106600 106600 106600 106600 106600 1066000 106600 106600 106600 106600 106600 106600 106600 106600 1066000 106600 106600 106600 106600 106600 106600 106600 106600 1066000 106600 106600 106600 106600 106600 106600 106600 106600 1066000 106600 106600 106600 106600 106600 106600 106600 106600 1066000 106600 106600 106600 106600 106600 106600 106600 106600 1066000 106600 106600 106600 106600 106600 106600 106600 106600 1066000 106600 106600 106600 106600 106600 106600 106600 106600 106600 106600 106600 106600 106600 106600 106600 106600 106600 106600
A A A A A A A A A A A A A A A A A A A	***************************************	# # # # # # # # # # # # # # # # # # # #	CRO CRO CRO CRO CRO CRO CRO CRO CRO CRO	C C C C C C C C C C C C C C C C C C C	130 a 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	100 920 000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #
CRATITUDE CO M.	# # # # # # # # # # # # # # # # # # #	40 W W W W W W W W W W W W W W W W W W W	75 43.7 23.3 23.3	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	41 76 90 77	7 13 7 13 7 14 14 14 14 14 14 14 14 14 14 14 14 14	41 28.0 76 46.9 317	41 26 77 30 682 682	41 19 9 4 77 7 7 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4
FM 2 ID NO * PRIMARY CO. #NAME OF GTREAM * ACTV DEP * DENER DENER CODE *	TELIGI A. S.	20000 CRESTAN CRESTAN	WALTER LEHIGH RIVER &	MODIFICATION ** LEHIGH RIVER *	NESCOPHICK CR.	H LEHIGH RIVER *	LOVALSOCK CR. *	# # # # # # # # # # # # # # # # # # #	PAGNASOOSS & HALFEKA PAUCOSG & LYCOMING LYCOMING CR & S DRC I & S DRC I &
PRIMARY CRIT		TREET OF THE STATE	FRANCIS E LUZERNE Daenenap	E'E'E' WALTER CLUZERNE DAENINAD	· NESCOPECK LUZEFNE	TOBYHANNA DAM LUZERNE DRBC	BARBOHRS	CAMMAL L'YCOMING	HALEEKA LVCCMING ************
TA 1 10 NO 4 4 4 10 NO 4 4 10 NO 4 4 10 NO 4 4 10 NO 4 NO		PA6NAPOOSIS PAUQ1SIS SICP II	PACNAPOOSIS X PACCOOSIS X IN DRC II X	PACNAPBO21 *	PA6NABOOB3 # PAUOOB3 # PAUOOB6 # S	PA6NAPBO38 *	PA6NABOO87 * * PAUOOSS * * S	PASNABOOBUS PAUDOOUS SCP I * X	PA6NASO088 # # # # # # # # # # # # # # # # # #

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.02 PAGE 201 OF TABLE 1

# 100 M 2 M 2 M 2 M 2 M 2 M 2 M 2 M 2 M 2 M	1011 1011 1012 1017 4 1017 4 1016 4 1016 4 1016	2014 # #2013 # #	***	****	1001	***		****	***
* 80 0 00	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # 00 00 00 00 00 00 00 00 00 00 00 00 00	2.01 90.0 00.0 00.0 00.0 44.44.4	** * * * * ** * * * ** ** ** ** **	50 50 60 60 60 60 60 60 60 60 60 60 60 60 60	000 000 000 000 000 000 000 000 000 00	7 - C - C - C - C - C - C - C - C - C -	# # # # • • • • • • • • • • • • • • • • • • •
**************************************			0000 0000 0000 0000 0000 0000	17 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	101000000000000000000000000000000000000	10 10 10 10 10 10 10 10 10 10 10 10 10 1	* * * * * * OM M P-00 OF 00 OF	# # # # # O 37 37 M	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *		C (1) (1)	748047	6001 6001 6001	0000 0000 M	18406 18406	22 22 23 24 24 24 24 24	0 MM 62 M 64 M 64 M 64 M 64 M 64 M 64 M 6	7 4 2 6 4 6 7
# # # # # # # # # # # # # # # # # # #		10 10 10 10 10 10 10 10 10 10 10 10 10 1	# # # # # # # # # # # # # # # # # # #	10000 10000	1567.00 1567.00 1567.00 1567.00	4 M 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	24 0000 0000 0000 0000	0.0000 0.	00000 00000 000000
## # # # # # # # # # # # # # # # # # #		CR CP CB CB CB CB CB CB CB CB CB CB CB CB CB	#####################################	# # # # # # # # # # # # # # # # # # #	2 C C C C C C C C C C C C C C C C C C C	T. T. M.	A CROH A ING WISOOBO	# # WOON # #	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *		4 4 1 10 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	74 12 12 13 14 14 14 14 14 14 14 14 14 14 14 14 14	41 15 9 40 27 7 589	40 W 44 00 00 00 00 00 00 00 00 00 00 00 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	40 34 1 77 27 7 2404	40 58 8 75 9 0
# E	E 02	CREEK DAM LITTLE PINE C++	W BR SUSQUEHA	LYCOMING OR	DAK SHENANGO RIVE	ALMINDU	JUNIATA RIVER	ALAINUU	DAM CHERRY CREEK *
######################################	LYCOMING PA. DEPT.	* LITTLE PINE C * LYCOMING * PA DER	MUNDY LYCOMING	POEVO LYCOMING	SHENANGO RIVER MERCER DARN ORP	SAANVILLE MHTRATILEN MHTRATILEN	TAVES DRIDGE	A VINEYARD	CHERRY CREEK MONBOE ORBC
A A A A A A A A A A A A A A A A A A A	PAANABARARARARARARARARARARARARARARARARARA	PACNABDO91	PAENABOOBE ** PAHOOOE ** 5 DRC I **	* PA6NABOO89 * PA6NABOO89 * PAUGOS7 * PAUGOS7 * * S DRC I *	* PACORPO111 * PACORPO111 * PACORPO111 * PACORPO111 * PACORPO111 * PACORPO 1 *	T PAGNABOOOUS T PAUDOLS T ORC IT	* PAGNABOOGE * PAGNABOOGE * PAUODE * * * * * * * * * * * * * * * * * * *	PAGNABOOOR	* PAGNAPBOS7 * * S ORC I *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,02 PABLE 1

APTING MANAGAANUL. COG1 APAG MAG AGGENGIMO ALAGEMANG AT A MAG AGGENGIAN A MAG AGGENGIAN A MAKEN A AGGENGIAN A MAKEN A AGGENGIAN A MAG ATALLA A MAG AGGENGIAN A MAKEN A A MAG ATALLA A MAKEN A A MAG ATALLA A MAKEN A A MAG ATALLA A MAKEN A MAKEN A A MAKEN A MAKENA	化有效分泌物质的	2009 2013 2017	2006 2012		2019 2016 2018	2013	* * * * * *	2015 2014 2014 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1020 1019 4 8 1018
# LOOO # CENTRA # COO # CENTRA	**************************************	00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	11	M T T T T T T T T T T T T T T T T T T T	NO W A A A A A A A A A A A A A A A A A A A	00 M 00 M 00 M 00 M 00 M 00 M 00 M 00 M	0 * * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	在 在 M P B B B B B B B B B B B B B B B B B B	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	80 80 A 44 CO 6 64 A 4 4 8 4	* * * * * * * * * * * * * * * * * * *	NN 66 64 64 64 64 64 64 64 64 64 64 64 64	7-7-7-10-10-10-10-10-10-10-10-10-10-10-10-10-		* * * * * ****************************	
MHF S	を を の の の の の の の の の の の の の	OMN	OMM OMM OMM MM	N.B.	C 60 60 (1) ft 60 60	44 000 44 044	\$ 4 # # # O 60 60 ** **	# # # # # # # # # # # # # # # # # # #	CH SO
****** ***** **** (ACT) *** (ACT) *** (ACT) *** (ACT) *** *** *** *** *** *** ***	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * O 0 0 0 * * * * * *	00 m 00 m 00 m	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**** 000° 000' 000'		 	000 000 000 000
D W	** M **	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	168 188 187 187	SS I S S I S S I S S I S S I S S I S S I S S I S S I S S I S I S S I S	40 40 40 40	80 PT	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	I 19
3333558	# 4 4 5 10 10 10 10 10 10 10 10 10 10 10 10 10	41 32.1 7.8 32.5 7.8	40 6 4 75 30 4 1296	01/ 01/ 01/ 01/ 01/ 01/ 01/ 01/ 01/ 01/	2.7 0.10 0.00 0.00 0.00 1.00 1.00 1.00 1.	04 7 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	40 4 19 19 19 19 19 19 19 19 19 19 19 19 19	40 12 40 73 14 40 15 15 15 15 15 15 15 15 15 15 15 15 15	40 39 85 14 8 8
x .	***************************************	A WANTER STANDERS A STANDERS OF STANDERS O	DAM SCHUYLKILL RI** CO.	SKHPPACK CORURA *****	PERCOIN DAM PERCOIN CREA BAN MATER CO	AM SCHUYLKILL RI** CO.	SCHUYLKILL RI*	SCHUYLKILL RI*	CHAIN DAM (ND. 8 DAM) NDRHHAMPTON LEHIGH RIVER # PA DEP
Ω.	KKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	POCOND DAM	BLACK ROCK DA MONTGOMERY PHTI . ELEC. C	EVANGBURG MUNTSOMERY	GREEN LANE MONTGOMERY PHILA SUBUR	NORRISTOWN DAM MONTGOMERY PHII - ELEC. CO	PLYMDUTH DAM MUNTGOMERY PA. DER	VINCENT DAM MONTGOMERY PA DER	CHATN DAM (NO. NORTHAMPTON. PA DEP
TT 1 10 00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		PACNAPOOS9 ** PACOAS1 ** PACOAS1 **	PAANAPBODG T	# # # # # # # # # # # # # # # # # # #	PACNAPOOGRAM PACOADA BAN HAMA	DANAPRORY X	DANAPSONG S	PAANAPBO29	A WOODDANAACA A WOODDANAACA A WOODDANAACAA

A NAME OF A STATE OF A	# 040***********************************	****	# # # # # # # # # # # # # # # # # # #					1015	# 0100
4	在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		# # # # # NIE NIE NIE NIE NIE NIE NIE NIE	* * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M W W W W W W W W W W W W W W W W W W W	2 () 0 () 0 () 0 () 0 ()	2 000 000 000 000 000 000 000 000 000 0
# # # # # # # # # # # # # # # # # # #	**************************************	0000	***** O O O O O O O		4 4 8 8 8 9 1 9 8 8 9 1 9 8 9 8 9 8 9 9 9 9	77847	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
A CEEE	R K 在 S 在 K E K E K E K E K E K E K E K E K E K	000		80 80 64 64 60 64 60 64	O I I I	N N 44 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4.4. 4.6. 0.00	C C C 81 81 81 80 N N	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
**************************************	**************************************	# # # # # # # # # # # # # # # # # # #	#### MOO ******	**** 4800 400 400 480 480 480 480 480 480 48	****	**** **** **** **** ****	######################################	M	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *	# IF C C C C C C C C C C C C C C C C C C	& # # # # # # # # # # # # # # # # # # #	2 H 2 H 3 H 3 H 3 H 3 H 3 H 3 H 3 H 3 H	1 1 4 1 1 4 1 1 4 1 1 4 1 1 4 1 1 4 1 1 4 1 1 4 1 1 4 1 1 4 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**** 0.00 0.00 0.00 0.00 0.00 0.00 0.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* W W	*								3
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 * * * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
*****	* * * * * *	AM	(ND 4 DAE) # 40 4W. LEHIGH RHYER # 75 WW.	0.4 N.4.1	U N N → A	4 N 4 93 4 93 5 4	0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	* 39 57 * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
******	* * * * * * * * * * * * * * * * * * * *	**************************************	*****	A * * * * * * * * * * * * * * * * * * *	4 * * * * * * * * * * * * * * * * * * *	K K K K K K K K K K K K K K K K K K K	A * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,02 PAGE 204 OF TABLE 1

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.02 PACE 205 OF TABLE 1

CONDUCTION OF STATE O	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	* * * * * * * * * * * *	1020 1020 1020	######################################
######################################		80 40 40 40 40 40 40 40 40 40 40 40 40 40		4	* * * * * * * * * * * * * * * * * * *
F M I I I I	10.00 4.4 14.1 4.4 16.00 10.00 16.00 10.00		11 12 12 12 12 12 12 12 12 12 12 12 12 1		* * * * * * * * * * * * * * * * * * *
E	0 0 0 m m m m m m m m m m m m m m m m m	44 WW 644 469 644 469 644 469 688		24 UN 044 ON 81 O44	O in in to
****	* * * * * * * * * * * * * * * * * * *	A	1144 9449 1440 600 1440 600 1440 600 1440 600	**************************************	**************************************
		118 118 118 118 118 118 118 118 118 118	*********	**************************************	
A A A A A A A A A A A A A A A A A A A	7	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	24 44 44 44 44 44 44 44 44 44 44 44 44 4	4 41 53 4 41 53 4 4 41 53 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
¥ x	* * * * * * * * * * * * * * * * * * *	CREEK RESS UPPER STONY SUSDUEMANNA	SUBBUEHANNA D DAM LACKAWANA	BABB CR ES COWANESQUE R	* PACNABOLAG * HAMMOND DAM * PAUDISS * TIDGA * PAUDISS * TIDGA * DFC I * DAEN NAB
######################################	♥	CODPARA CONTRACTOR CODPARA COD	DAKIAND BUNDUEHANNA BENN ELEC CO STILLWATER D BUSDUEHANNA DAENNAS	TABBE COURT TO THE TABBE COURT TABBE COURT TO THE TABBE COURT TO THE TABBE COURT TABBE COURT TABBE COURT TABBE COURT TABBE CO	HAMMOND DAM TIDBA DAEN NAB
######################################	PAACRES A A A A A A A A A A A A A A A A A A A	PAGORPO117 ** S PAUO138 ** S PAC 1 ** PACNAB0106 ** PAUO005 ** S DRC I **	PANNABO107 PACNABO107 PACNABO107 I UPC I I I I I I I I I I I I I I I I I I I	PAGNABOL41 PAGNABOL41 PAUDOSS	PACNABOLAL PACNABOLAL

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,03

THE CHARLES WITH CANAL C	######################################	****	****					8000 E 000 E	O or o
ELC. COST	######################################	80 M 80 M 80 M 80 M	100 100 100 100 100 100 100 100 100 100	N 40 N 10 N 40 N 40 N 40	20 4 4 6 4 4 6 4 4 6 4 4 6 4 4 6 4 4 6 4 4 6 4 4 6 4 4 6 4 4 6 4 4 6 4 4 6 4 4 6 4 6 4 4 6 6 4 6 6 4 6 6 4 6	M 40 M 40 M 40 M 40 M 40 M 40 M 40 M 40	80 O	4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	100 000 110 100 100 100 100 100 100 100
X	**************************************		10 P. C.	6 4 4 4 4 4 0 0 0 7 4 7 19 10 10 0 0	**************************************	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		44 0 m m	* * * * * 000 000 000 000 000 000
MHH MANA M	# 000 # 000 # 000 # 000		* * * * * * * * * * * * * * * * * * *	0 40 40 40 40 40 40 40 40 40 40 40 40 40	000	* # * # # C 100 10 G 10 G 15 T 17	000	***** ****** *************************	000 00 00 00 00 00 00 00 00 00 00 00 00
****	# # # # # # # # # # # # # # # # # # #	00 00 00 00 00 00 00 00 00 00 00 00 00	**************************************	000 000 000 000 000 000 000 000 000 00	* * * * *	M. 2.44 M. 0.04 0.04 0.04 0.04	* * * * * * **************************	4 4 4 4 4 0	04 04 04 04 00 04 00 04 00
g 8. €	** * * * * * * * * * * * * * * * * * *	1.00 e 304.11	80 H 80 H 80 G 80 G	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	113°0*	**************************************	00 00 00 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *	60.C 60.C 10 10 10 10 10 10 10 10 10 10 10 10 10
	* * * * * * * * * * * * * * * * * * *	74 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	41 50 14 00 14 00 50	44. 44. 44. 68. 68.	41 36 47 155 6 88 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	41 40 4 4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4	21 25 24 25 25 25 25 25 25 25 25 25 25 25 25 25	44 WSW 144 WS 60 60 60 60 60 60 60 60 60 60 60 60 60	000 000 000 000 000 000 000 000 000 00
THE TO NO & DRIMADY CO. LANAME OF STREAM & ACTV DEP & DRIMADY CO. LANAME OF STREAM & CODE & STREAM & STREAM & STREET & STREAM & STATUS	######################################	BROKENSTRAW CREEK RESS AT LARBEN BROKENSTRAK CAR	REDUTNUNK PREGUTNUNK CREEKANNE PROUTNUNK CREEK	NE MIDDLE CREEK * * *	JADMIN KAYNE DYBERRY CREEKS DAEN NAP	MATLANVILLE CALKINS CREEK*	PROMPTON MAYNE LACKAWAXEN RIN A DAENINAP	PROMPTON DAMEMODIFIED A WAYNE LACKAWAKEN RIE DAENENAP	BEAVER RUN DAM MESTMORELAND BEAVER RUN A WESTMORELAND MUN AUTH ************************************
FM 1 10 NO 2 PRI CODE 2 PRI CODE 2 PRI CODE 3 PRI CODE	. * * * * * *	PA60RP0130 # BAD PAU0130 # WAR S DRC I # WAR	PASNAPSO18 * EDUIN * WAVNE S SCP I *	PAGNAPROLL & HAMIEVE	PACNAPOOTO * GADI PACOCOO * WAY'S S SCP I * DARR	PA6NAPRO19 * MTL/	PACNAPOO71 * PROCEST PACOO11 * EAVER S DRC I * DAECHE		PACCIPIO 146 × BERAVER PACCIPIO 14 BERAVER PER PER PER PER PER PER PER PER PER P

FM 2 ID NO ACTV DEPT * * * * TUDE CODE CODE * * * * * TUDE CODE * * * * * * * * * * * * * * * * * * *	ID NO * PRIMARY CO. INAME OF STREADOP & CODE *		CORPETED COR	****	TACLE STORE	* CPG PG **		1000 + (131) +	2010) 4 (40001) 10100) 4 (400001) 10100) 4 (400001) 10100	A MARCA A M	AN A
# 01484	**************************************	A T T T T T T T T T T T T T T T T T T T	2 # 0 p	**************************************	* 0	*	**************************************	# # # # # # # # # # # # # # # # # # #	**************************************	なななななななななななななななななななななななななななななななななななな	010
A Q	HONONGAHELA RIVER L/D 4 WESTHORELAND MONDNGAHELA PDAEN DRP	VER L/D 4 ** MONDNGAHELA R*	4 F	w or or		0 0 0	M 10 M 10 M 10 M 10 M 10 M 10 M 10 M 10		4 0 6 0 8 0 4 0 4 0 4 0	0	1002
PAGORPO138 PAU0136 PAU	** TUBMILL CREEK * WESTMORELAND **	AESERVOIR AUBRILL CAREK	180	P.80 0-07	* * * * * * * * * * * * * * * * * * *		64 044		0.00 0.00 0.00 0.00 0.00 0.00		
PA6NABN146 PA6NABN146 PAUGO27 S	NCXEC XX	TUNKHANNOOK CE	4 t- 1 t- 10	40 m	10 875.0	6550 6550 6550 6550 6550 6550 6550 6550	N N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ON O	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	, a a * *	
PASNABO145 PAUGGGS 6 DRC I	* KEELERSBURG * WYOMING	* * ANNAHRUGQUQ	24 P	33.1 0.0 14.68	T T T T T T T T T T T T T T T T T T T	000000		**************************************	い で の で の の の の の の の の の の の の の の の の	***	
PAGNABO149 PAUCO42 S DRC I	ZWOODTOWY RANGE RA	MEGUIONE CO.	4 Fr 4 Fr 6 M M	00 90 00 90 00 90	C C C C C C C C C C C C C C C C C C C	000 ·	* * * * * * * * * * * * * * * * * * *	0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	***	
PAGNABO108 PAUGO22 5 DRC I	* * * * * * * * * * * * * * * * * * *	Z CONEWAGO	9.0	4 10 4 • • 60 0 0 0	* * * * * * * * * * * * * * * * * * *	A # # # #	0 00 0 00 0 00 0 00	O NI NI NI NI NI NI NI NI	* * * * * * * * * * * * * * * * * * *	****	
PACNABO111 PAGO338 S OFC I	* * TAKE WILLIAMS * YORK WATER CO	DAM E BRANCH CODO	0-0 Mr.	N 4 W W 4 6 6 4 6 6	& * * * * * * * * * * * * * * * * * * *	#### #### #### #####	# # # # # # O # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		
* PATNAB9989	A Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	SUSDICE ANNA SECTION OF SECTION O	0.0 4.0 4.4.4.4.1	2 4 4 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # M5000*0	- 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# 4046.1	1002 1002	# # #

	•		
			.
			•
			-
			=
		<i>y</i> *	

SCALE E OL 0 7 A L _6 > u α œ ADDITIONAL > (3) (2) (3) (4) (2) u O Z 22 0 14 CAPACITY 1 4 H P C ш CTRIC F 0 d SICAL W ____ (14) > I c >

0
Ö
H
œ
0
•
w

a .
ŧs.
_
iai
-
4
-
ဘ
iai
_
x
_

z

: L u ≪ s	: 3						076		INCKEMENTAL	L CAPACITY	œ :	ø		•		•	* *
HZ	- ∀ _ 1 & ⊢ =	* * *	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * *	T # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * Σ * Ο		4 4 4 4 4 4 4			***	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
ш ш ⊢	**** 931 HZ	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	**************************************	# # # # # # # # # # # # # # # # # # #	* H A A A A A A A A A A A A A A A A A A	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	44 H N N N N N N N N N N N N N N N N N N N	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* H 4 * H X D * H X D A * H X D A
* 6 · · · · · · · · · · · · · · · · · ·	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* # * # * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* 0 -	#	* * * * * * * * * * * * * * * * * * *							* * * * * * * * * * * * * * * * * * *			* ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °
	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *			k ·			* * * * * C *O		****		****			* * * * * 0 * 0 0		0
* 0	* * * * * * * * * * * * * * * * * * *		* ** ** * * * * * * * * * * * * * * *		· · · · · · · · · · · · · · · · · · ·							****			* * * * * * * * * * * * * * * * * * *	****	R
	* * * * * * * * * * * * * * * * * * *		#	K	* ^;	K MG *	K 10-2 K 10-3 K 10-4 K		K (1.0)		* * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	K 0-33 K 0-33 K 0-33		0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 - 10 × ×
TOTAL	* 80 O 87 * 87 - 20 * 87 - 2	K K K K K K K K K K K K K K K K K K K	* * * * * * * * * * * * * * * * * * *	K # K # K # K # K # K # K # K # K # K #	# (U	K (U	317 317 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * • • • • • * • • • • • * • • • • • • • • • • • • • • • • • • •	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	0		*****	*	K # # # # # # # # # # # # # # # # # # #	M	70 70 70 8 8 8 8 8	1.09 1.00 1.00
在 在 在	*	* HHE * HHE * -OM	NN * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		EXISTING D SECOND CONDEVEL OF SECOND CONDEVEL OF SECOND CONDUCTIONS SECONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECOND CONDUCTIONS SECONDUCTIONS SECOND CONDUCTIONS SECONDUCTIONS SECO			R	# H O W N O	K Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	N T I A L S T C R C R C R C R C R C R C R C R C R C	CAPACITY NECESTRACE OF THE ACTION	* 0 4 * 540 * 540 * 00	**************************************	S S AND SATT)	

BEYSICAL POTENTIAL FOR ADDITIONAL

DEVELOPMENT > ب عد **ن**نا 2 للتا ۵ z > PACIT ۷ ن Ú œ **-**-**ن** D & O X H

A 1 C

0

ند ت

TATE

Œ

IJ I

۳

z

	* * * * *	1 1 1 1	•				E :		ial E	CAPA	ITY RANGES	ණ සා ප					***
u u ⊢z	k * * * * € ≤ 2 D _ U - < _iO		* 3 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 +	* Z + * * * * * * * * * * * * * * * * *	***	**************************************	# 25	* 10 * 10 * 3	**************************************	女 女 女 女	* * *	* X X X X X X X X X X X X X X X X X X X	**************************************	**	**************************************	**************************************	***
* * ← ± *)3I + HZ +	K	K W W W W W W W W W W W W W W W W W W W	X X X X X X X X X X X X X X X X X X X	K	**************************************	* * * * * * * * * * * * * * * * * * *	* D D W + S D D W + S D D D W + S D D D D D D D D D D D D D D D D D D	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	k -	* F & & & & & & & & & & & & & & & & & &	* * * * * * * * * * * * * * * * * * *	######################################	* X X X X X X X X X X X X X X X X X X X	N EX X	* * * *	**************************************
	20		်ဝီဝီဝီ ဇဝ			K	* * * * * * *	****		k K		K	* 000	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * * *	* 00	# 000 # 00
6	**************************************			* * * * * * * * * * * * * * * * * * *	k I			X	* * * * * * *		* 000 # 00 # 00	* 000	* * * * * *		* * * * * * * * * * * * * * * * * * * *	* # # # # # # # # # # # # # # # # # # #	* 000 * 00 *
											* 00 * *	* • •	*****		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	# "400" # "4" # (U.P.
100	* * * * * * * * * * * * * * * * * * *				k .	* * * * * * * * * * * * * * * * * * *						* * *	* * * * * * *	* 60 M 95 -	* ~ ~	* * * * * * * * * * * * * * * * * * *	# 9 M N #
4AL	2000 0000 0000 0000 0000 0000 0000	2 d d d d d d d d d d d d d d d d d d d	(##### Mangor Wall CO Town Mangara Mangara	4444	E 60 → 1		000	k • •	2000	* 00 · * *		* * *		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
K k	NEOTOO	- am	TST SEV	HYDROF PED POTE	OWER DEVE	#	# J 00 E E E E E E E E E E E E E E E E E	* m * 0 * m 00m * m 00m * n 00m	* 0 E F C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	*	* 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	COLUMN **	8 2 AND 411)	* (n

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.03 PAGE 208 OF TABLE 1

* DH OX	* * * * * *	****	****	****	****	***	****	****	****
THE CONTROL OF THE CO	*	1000	1000		2000		000 Z	1000	0.001
KENO OXE KENO DOS KENO DOS	* *						•	•	
* 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	女 女 女				Ö		c		•
	e * *				0	****			•
* F O	* * * C O	N F		00	9.5	06	no es	∾ €	- Se ini
NO 00 00 00 00 00 00 00 00 00 00 00 00 00	数 数 	4 W 6 W 6 W	0.27		W 14 W 03 03 04		205 205 206 306	16.82 0.268	698.36 30.30 30.30
	* * *	er 4	4		ল ক		เขา	► M	-CPA
	* * * * * * * 0 0 0 * 0 0	000	* * * * *	****	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	* * * * * O NI NI 0 00	* * * *
X 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# 11 12 0 0 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1	40 40 01 01 90 90	4 4 0 0 1 0	27417	7 4 W W W O O O	M M	12070	60 60 60 60 60 60 60 60	20 20 30 30 30 30 30 30 30 30 30 30 30 30 30
ENDE COO	K K								
	* * * * * * C O C * O O	***** CMM	111990	600	000	1920	0000	000	7703
1 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	# C C	ው ው	===	18000	V 0 V 0 V 0 V 0 V 0 V 0 V 0 V 0 V 0 V 0	2 2	M M	797	77
S CCC	k k k								
****	* * * * *	****	****	***	****	****	****	****	* * * *
0 X X X X X X X X X X X X X X X X X X X	K V V V V V V V V V V V V V V V V V V V	212 4922 4922 4922 8	212.0 49200 131.8	88.0 0000 14.	410 4440 4840 4840	7000 7000	206°0 3000 164°8	2.00 0.00 0.00	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
######################################	K (1) (1)	いせも		- G : -	ব বল	r 0	~ <u>~</u>		
THE CONTRACT OF THE CONTRACT O	* * * * *	*****	****	* * * * *	****	* * * * * * * * * * * * * * * * * * *	**************************************	****	# # # # 80 O M G.
A A A A A A A A A A A A A A A A A A A	K 00 D.		100	ស ១, ម	2 0 10		285	308	, m
10. 10.00	K O O.	N D	A C	хç	ப டி	HO	o o	ı b	IO :
	* * * * *	****	* * * * *	* * * * * ~ O O	សមា សមាស	*****	4 # # # #	****	***
CSO MENDS	* & Q * & Z * & Z * & Z * & Z	25 4 10 10 10 10	U 0. ⊴. . • U	004	400	© ₩1	19°0 27°4 127	9 N. F.	N. VI.
* * * * * * * * * * * * * * * * * * *	K -1 -0 K -0 -0	6.4	67.0	4-0 6-0	40 49 44 40	6.6	2 4 6 4	± 49	6.0
: Z	* * * * * *	Z Z Z	m 	* * * * *	E C C	****	0 0	****	****
k bil k D2: k \$ k \$0;	* * *	TON	D A D	œ.	. D	N EI G PA	GRANDE	4	∢ .
i ii	* on * o	OIVERSION	QUEBRADA	RECIB	RIO TORO			PLATA	PLATA
* * W * Z X Q * Z X W	* 4	S OIL	no m	⋖	æ	- 1080 - 1080	E ac	۳. ۲	Α.
TAM TAM TAM TAM TAM TAM TAM TAM TAM TAM	* (C)	A N	⊢ Z ∢	BOCAS		GUINEO			•
1 C C	* A A A A A A A A A A A A A A A A A A A	A PL	A PL	ø			tui F	-	N .
PR I M	A THE TABLE A THE	ISARELA PLANT AGUADILLA PREPA	ISARELA PLANT Aguadilla Preda	LAGN DD. ARECIBO PREPA	CTALES	LAGN EL CTALES PREPA	7.5 SIT CIALES	COMERI	COMERIO 2 COMERTO PREPA
α α	K				0 0 0	CTALE PREP			000
*****	* * * * *	****	****	***	N H		****	3 H	****
		o N ∺	2 [-0	C	ານ ຄນ	O M	n o	~ ac + 4
I D NO		AJOBOZ SCP I	AJ0804	A JOO1 000009 5CP	A J200	A J O O O O O O O O O O O O O O O O O O	A J 2000 U 000 0 3 D F C	A 1002 00019 080	AJ0714 00018 DRC I
# FM C IO NO # PROJECT NAME # FM 1 IO NO # PRIMARY CO. INAME OF GATE # ACTV DEP # DENER # CODE # FILE # FILE # STATE	PRISAL0017 PRO00006 SP SAN I	PROSAJOSOS	PROSAJOBO4 2 SCP I	- 6	00	PRISALOGEI PROCOIR	PR6SAJ2006 PRUODO3 2 DFC I	PRMSAJOOS PROCO19	# PRESALCO7144 # PROCO109 # PROCO

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.03 PAGE 209 OF TABLE 1

1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	TO NO 4 PRIMARY CO. BYNER OF STREAM CODE 4.	*****	CONGITUDE CONGITUDE CONGINA COOMIN	****	A VE LOS	2	- XXX 00 0 0 2 2 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	THE TOTAL OF THE TANK THANK TH	FINE COST		CONSTRUCTION OF THE STATE OF TH
	× >	* * * * *	18 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * *		* * * * * * * * * * * * * * * * * * *	**************************************	4 100000 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	**************************************	**	**************************************
PENSTOCK DIVE	Ta.S	****	6.0	****	S C C C C C C C C C C C C C C C C C C C	00 00 00 00 00 00 00 00 00 00 00 00 00	0.00		2 W W W W W W W W W W W W W W W W W W W	****	1000
LA PLATA		6.6	4 4 4 4 4 4 4	* * * * *	HTS 0P 18 33	* * * * * * * * * * * * * * * * * * *	N W & & & & & & & & & & & & & & & & & &		310.36 27.862	* ****	1000
L012A **	* * * * *	→ 5	8 19 6 0 8 8 20 6	****	81 80 80 80 80	00 m	26657 26657 26657		383°,74	0 ****	1000
*** **	****	~ ~ ~	6 30.1 4.9	****	18 07 70,88	117.00	O de de In un In un In un	R K K K K K C CO CO MM M C CP C	206.76	0	0. 1000
40 A C C C A C C A C C A C C A C C A C C A C C A C C A C C A C C A C C C A C C C A C C C A C C C A C C C A C C C A C C C A C	****	9 4 9 9 9	20 20 20 20 20 20 20 20 20 20 20 20 20 2	****	& & & & & & & & & & & & & & & & & & &	0010 0010 0016 0040 0040	44 66 67 77 77	10 10 0 0 0 0 0 10 0 10 0 10 10 10 10 10 10 10 10 10 10 10 10 10 1	202.47 36.121	* O	1000
AIO GRANDE DEN	****	4 P	16.9	****	* * * * * * * * * * * * * * * * * * *	0000 0000 0000 0000 0000 0000	12 12 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15		4575.0 146.29	****	2000
######################################	****	6 9	31. 3. 3. 3. 3.	****	100 100 100 100 100 100 100 100 100 100	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	* * * * * * * * * * * * * * * * * * *	4120 4 410 0 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	60	* * * * *	
A MONAVIO MITE A MONAVIO GRANDII DIRA 6 USCO I A MONAVIO A MONAVIO A MONAVIO A A	****	40 40	2.4 5.5 6.5 6.5	****	* * * * O * 75 · O		6 6 6 6 6 6 6 6 7 4 8 8		4778.6	****	•0

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.04

	K .								
E EHCYZ	ir k		8		8		ç		
PERMANANTANTANTANTANTANTANTANTANTANTANTANTAN	K K		1000		1000		1000	•	***
KENO NO SERVICE									3
* CZ CZ W D	V L V L A V		•		ċ		°	ċ	
* * * * * * * * * * * * * * * * * * *	K K								-
	r k		0		o o		Ö	ċ	
***	* * * * * * *	****	****	****	****	****	****	****	
# F B C C C C C C C C C C C C C C C C C C		00	W C	សិ ស៊	4 V	4.0 1.10	. 10. 00.00 UI 40	00	00
* > OX	R O O R R R E K			4 2 3	6 4	150.	M M M M M M		
* 7				W 1-	74	- 4	m m		
ZZ U				****	****		****	****	****
205	-	10 C 90	0.5.5	ONN	0.00	044	omm	W C M	non
	17800	1567	10 M	# # 6 6 8 8	33.00	6 5 F	4 6	3868 3868 3868 3	7997 7997
EPWW333					. • •			M M	
XXO									
		000	0.00	O e e e	esss.	000	* * * * * *	000	000
440	0	4 4 4	97.0	M M	& & & &	00	31.91	17600 0 17600	4 4 0 0 0 0
* * 03334		ec es						= =	
HOF									
	k K								
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		2M7	4 * * * *	****	000	~ W W	0010	000
TEE ALA	k K	4 N N N N N N N N N N N N N N N N N N N	97.0	0 0 m	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Na Na Na Na Na Na Na Na N		20 4 20 4 20 4 20 6 20 5 20 5 20 5 20 5 20 5 20 5 20 5 20 5	205 280 190 0
E E O E O E O E O E O E O E O E O E O E	R K	10°	N C O	ก็ก็ก็	% 4 →	Q ~ a.	- M -	N 9 2	•
E	k k 	*****	****	****		****	****	****	****
K 0. C3 C3	k 0				* * * * *	* * * * *		****	0
		_•		•				-	an.
* A T F M U S F S F S F S F S F S F S F S F S F S	k k	o.	76.	. 6	001	121	99	₩ 4	73.0
# # # # # # # # # # # # # # # # # # #	k k k	o -	16	. 6	001	121	₩. Q.	248	. A
	k K K	Th In	•	CSRD DM PO	H G C C C C C C C C C C C C C C C C C C	H 0	60 E	©. ≪7	100 M
E CC 40		o 10 ****	**** OD **	****	00 90 11 Cl	****	****	* * * * *	* * * *
		**** **** ****	2.5 2.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3	.7 * CSRD .0 * DM 11 * PO	** * * * * * * * * * * * * * * * * * *	** * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	6.00 6.01	* * * *
######################################		** * * * * * * * * * * * * * * * * * *	1.4 # 1 1.2 # 10P	3.7 * CSRD 38.0 * DK 11 * PK	# # # # # # # # # # # # # # # # # # #	1.0 . 1 56 . 0P 56 . 0P	21.0 * 8 14.5 * CP 175 * CP * 499	16.6 * HR 39.1 * DP 80 * DP	0.00 0.00 0.00 0.00 0.00
		**** 10 10 10	2.5 2.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3	3.7 * CSRD 8.0 * DM 11 * PM	8	1.0 * 1 66 * 0P	1.00 × × 0.00 × 0.0	6.00 6.01	* * * *
* * * * * * * * * * * * * * * * * * *		20 00 11 11 10 10 10 10 10 10 10 10 10 10	8 1.4 # 1 6 1.2 # 1 25 # 0P	** 18 W.7 * CSRD ** 66 38.0 O * O * O * O * O * O * O * O * O * O	4 4 4 100	1.0 . 1 56 . 0P 56 . 0P	6 14.55 * 86 14.55 * 17.55 * 19.99	8 16.6 * HR 6 39.1 * OP 80 * R48	* * * * * * * * * * * * * * * * * * *
A * * * * * * * * * * * * * * * * * * *		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 1.4 # 1 6 1.2 # 1 25 # 0P	** 18 W.7 * CSRD ** 66 38.0 O * O * O * O * O * O * O * O * O * O	* 100 NN N	1.0 . 1 56 . 0P 56 . 0P	6 14.55 * 86 14.55 * 17.55 * 19.99	* * 100 160 6 8 4 4 4 6 6 8 9 9 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *
A * * * * * * * * * * * * * * * * * * *		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 5 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	** 18 W.7 * CSRD ** 66 38.0 O * O * O * O * O * O * O * O * O * O	* 100 NN N	* 18 11.0 * 1 * 66 23.3 * 0P * 66 * 121	* * * * * * * * * * * * * * * * * * *	* * 100 160 6 8 4 4 4 6 6 8 9 9 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *
A * * * * * * * * * * * * * * * * * * *		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 5 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* 18 3.7 * CSRD . * 18 3.7 * CSRD . * 18 3.7 * CSRD . * 11 * . 20	* 100 NN N	* 18 1.0 * 1 * 66 23.8 * 0P * 66 * 0P * 121	* * * * * * * * * * * * * * * * * * *	* * 100 160 6 8 4 4 4 6 6 8 9 9 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *
A * * * * * * * * * * * * * * * * * * *		# 18 12-7 * HI TRULLAS * 66 28-8 * OP 9	4 4 5 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* 18 3.7 * CSRD . * 18 3.7 * CSRD . * 18 3.7 * CSRD . * 11 * . 20	* 100 NN N	* 18 1.0 * 1 * 66 23.8 * 0P * 66 * 0P * 121	PLATA * 66 14 55 * 1999	* * 100 160 6 8 4 4 4 6 6 8 9 9 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *
A * * * * * * * * * * * * * * * * * * *		# 18 12-7 * HI TRULLAS * 66 28-8 * OP 9	# 18 1.4 # I PATILLAS # 66 1.52 # OP # 258 # 76	# 18 3.7 * CSRD RIO PORTUGUES* 66 38.0 * DM 11 * 20	# 18 24 9 # FTS GUAJATACA # 66 555 3 # 07 # 66 555 3 # 07 # 4 00	# 18 1.0 # 1 COAMO # 66 23.3 # 0P OF P. R. # 66 # 121	# 18 21.0 * 8 LA PLATA * 66 14.5 % * CP 4.5	* 18 16.6 * HR CAUNILLAS * 65 39.1 * DP * 80 * 248	* * * * * * * * * * * * * * * * * * *
A * * * * * * * * * * * * * * * * * * *		# 18 12-7 * HI TRULLAS * 66 28-8 * OP 9	S PATILLAS # 18 1.44 # 1	# 18 3.7 * CSRD RIO PORTUGUES* 66 38.0 * DM 11 * 20	# 18 24 9 # FTS GUAJATACA # 66 555 3 # 07 # 66 555 3 # 07 # 4 00	# 18 1.0 # 1 COAMO # 66 23.3 # 0P OF P. R. # 66 # 121	# 18 21.0 * 8 LA PLATA * 66 14.5 % * CP 4.5	* 18 16.6 * HR CAUNILLAS * 65 39.1 * DP * 80 * 248	* * * * * * * * * * * * * * * * * * *
A * * * * * * * * * * * * * * * * * * *		ATRULLAS + 18 12-7 * HI MATRULLAS + 66 28-8 * OP 9	1 LLAS	# 18 3.7 * CSRD RIO PORTUGUES* 66 38.0 * DM 11 * 20	# 18 24 9 # FTS GUAJATACA # 66 555 3 # 07 # 66 555 3 # 07 # 4 00	# 18 1.0 # 1 COAMO # 66 23.3 # 0P OF P. R. # 66 # 121	# 18 21.0 * 8 LA PLATA * 66 14.5 % * CP 4.5	* 18 16.6 * HR CAUNILLAS * 65 39.1 * DP * 80 * 248	* * * * * * * * * * * * * * * * * * *
A * * * * * * * * * * * * * * * * * * *		ATRULLAS + 18 12-7 * HI MATRULLAS + 66 28-8 * OP 9	1 LLAS	# 18 3.7 * CSRD RIO PORTUGUES* 66 38.0 * DM 11 * 20	# 18 24 9 # FTS GUAJATACA # 66 555 3 # 07 # 66 555 3 # 07 # 4 00	# 18 1.0 # 1 COAMO # 66 23.3 # 0P OF P. R. # 66 # 121	# 18 21.0 * 8 LA PLATA * 66 14.5 % * CP 4.5	* 18 16.6 * HR CAUNILLAS * 65 39.1 * DP * 80 * 248	* * * * * * * * * * * * * * * * * * *
A * * * * * * * * * * * * * * * * * * *		ATRULLAS + 18 12-7 * HI MATRULLAS + 66 28-8 * OP 9	1 LLAS	# 18 3.7 * CSRD RIO PORTUGUES* 66 38.0 * DM 11 * 20	# 18 24 9 # FTS GUAJATACA # 66 555 3 # 07 # 66 555 3 # 07 # 4 00	# 18 1.0 # 1 COAMO # 66 23.3 # 0P OF P. R. # 66 # 121	# 18 21.0 * 8 LA PLATA * 66 14.5 % * CP 4.5	* 18 16.6 * HR CAUNILLAS * 65 39.1 * DP * 80 * 248	* * * * * * * * * * * * * * * * * * *
A * * * * * * * * * * * * * * * * * * *		ATRULLAS + 18 12-7 * HI MATRULLAS + 66 28-8 * OP 9	1 LLAS	* 18 3.7 * CSRD . * 18 3.7 * CSRD . * 18 3.7 * CSRD . * 11 * . 20	* 100 NN N	# 18 1.0 # 1 COAMO # 66 23.3 # 0P OF P. R. # 66 # 121	PLATA * 66 14 55 * 1999	* * 100 160 6 8 4 4 4 6 6 8 9 9 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *
A * * * * * * * * * * * * * * * * * * *	A TICACO A CONTRACA CANACA CAN	# 18 12.7 * HI 8 # 16 20.0 # HI 8 # 66 20.0 # OP 9	S PATILLAS # 18 1.44 # 1	# 18 3.7 * CSRD RIO PORTUGUES* 66 38.0 * DM 11 * 20	# 18 24 9 # FTS GUAJATACA # 66 555 3 # 07 # 66 555 3 # 07 # 4 00	# LAGO COAMO # 18 1.0 # 1 # SANTA ISABEL COAMO # 66 23.3 # OP # COMMENWEALTH OF P. R. # 66 # 121 # 66 # 121	# 18 21.0 * 8 LA PLATA * 66 14.5 % * CP 4.5	* 18 16.6 * HR * UTUADO CAONILLAS * 66 39.1 * DP * PREPA * PREPA * 248	* * * * * * * * * * * * * * * * * * *
A * * * * * * * * * * * * * * * * * * *	A TICACO A CONTRACA CANACA CAN	* 18GD DE MATRULLAS * 18 12.7 * HI * DROCOVIS MATRULLAS * 66 28.6 * OP * PREPA * 6 4 * OP	* LAGO PATILLAS * 18 1.4 * I * PATILLAS PATILLAS * 56 1.2 * OP * COMM P.R. *	X RID PORTUGUES X18 X,7 * CSRD X PONCE RID PORTUGUES* 66 38,0 * DW I * DAEN SAJ * 20 * 11 * *	* GUAJATACA LAGO * 18 23,9 * HIS * GUERRADILLAS GUAJATACA * 66 55,3 * DP * PREPA * 24 * 100	# LAGO COAMO # 18 1.0 # 1 # SANTA ISABEL COAMO # 66 23.3 # OP # COMMENWEALTH OF P. R. # 66 # 121 # 66 # 121	* LAGN LA PLATA * 18 21.0 * 8 * TOA ALTA LA PLATA * 66 14.5 * OP * PRASA * * 175 * 199	* 18 16.6 * HR * UTUADO CAONILLAS * 66 39.1 * DP * PREPA * PREPA * 248	* * * * * * * * * * * * * * * * * * *
A * * * * * * * * * * * * * * * * * * *	A TICACO A CONTRACA CANACA CAN	* 18GD DE MATRULLAS * 18 12.7 * HI * DROCOVIS MATRULLAS * 66 28.6 * OP * PREPA * 6 4 * OP	* LAGO PATILLAS * 18 1.4 * I * PATILLAS PATILLAS * 56 1.2 * OP * COMM P.R. *	X RID PORTUGUES X18 X,7 * CSRD X PONCE RID PORTUGUES* 66 38,0 * DW I * DAEN SAJ * 20 * 11 * *	* GUAJATACA LAGO * 18 23,9 * HIS * GUERRADILLAS GUAJATACA * 66 55,3 * DP * PREPA * 24 * 100	# LAGO COAMO # 18 1.0 # 1 # SANTA ISABEL COAMO # 66 23.3 # OP # COMMENWEALTH OF P. R. # 66 # 121 # 66 # 121	* LAGN LA PLATA * 18 21.0 * 8 * TOA ALTA LA PLATA * 66 14.5 * OP * PRASA * * 175 * 199	* 18 16.6 * HR * UTUADO CAONILLAS * 66 39.1 * DP * PREPA * PREPA * 248	* * * * * * * * * * * * * * * * * * *
A * * * * * * * * * * * * * * * * * * *	A TICACO A CONTRACA CANACA CAN	* 18GD DE MATRULLAS * 18 12.7 * HI * DROCOVIS MATRULLAS * 66 28.6 * OP * PREPA * 6 4 * OP	* LAGO PATILLAS * 18 1.4 * I * PATILLAS PATILLAS * 56 1.2 * OP * COMM P.R. *	X RID PORTUGUES X18 X,7 * CSRD X PONCE RID PORTUGUES* 66 38,0 * DW I * DAEN SAJ * 20 * 11 * *	* GUAJATACA LAGO * 18 23,9 * HIS * GUERRADILLAS GUAJATACA * 66 55,3 * DP * PREPA * 24 * 100	# LAGO COAMO # 18 1.0 # 1 # SANTA ISABEL COAMO # 66 23.3 # OP # COMMENWEALTH OF P. R. # 66 # 121 # 66 # 121	* LAGN LA PLATA * 18 21.0 * 8 * TOA ALTA LA PLATA * 66 14.5 * OP * PRASA * * 175 * 199	* 18 16.6 * HR * UTUADO CAONILLAS * 66 39.1 * DP * PREPA * PREPA * 248	* * * * * * * * * * * * * * * * * * *
A PRIMARY CO. SAME OF GRANKERS AND SAKE SAKE SAKE SAKE SAKE SAKE SAKE SAKE	######################################	OB # LAGO DE MATRULLAS # 18 12.7 # HI S # OROCOVIS MATRULLAS # 66 28.6 # OP I # PREPA	* 18 1.4 * I * COMM P.R. * 18 1.4 * 76	* * * * * * * * * * * * * * * * * * *	* 18 28,9 * HIS 0001 * GUERRADILLAS GUAJATACA * 66 55,3 * DP CP I * PREPA * 100	# 18 1.0 # 1 0016 # SANTA ISABEL COAMO # 66 23.3 # 0P RC I # COMMENWEALTH OF P. R. # 66 # 121	331 * 1860 LA PLATA * 18 21.0 * 8 17 * TOA ALTA LA PLATA * 66 14.55 * OP 1 * PRASA * 175 * 399	132 * LAGN CAGNYLLAS * 18 16.6 * HR 11 * UTUADO CAGNYLLAS * 66 39.1 * DP 1 * PREPA * 248	* 18 13.9 * 18 13.9 * 18 13.9 * 10 * UTUADO VIVI * 66 40.8 * 1 * PREPA

DATE 15 FEB 81 NATIONAL HYDROELECTRIC PUWER STUDY TIME 01.19.04 Page 211 of table 1

**************************************	**************************************	· · · · · · · · · · · · · · · · · · ·
######################################	佐田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田田	080 # 000 # 100 #
**************************************	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *
######################################		# # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #	* * * * 000 000 000 000 000	# # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #	Ha en en Ha	**************************************
**************************************	****	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *	PRISAJNOSS # LAGN LUCCHETTI PROGOGS # YAUCO S SCP I # PREPA	* PRCSAJOON4 * PRESADA LOCO * PROCOC4 * YAUCO * S DRC I * PREPA * S DRC I * PREPA

SCALE DEVELOPMENT 8 X X L TOLAND ADDITIONAL E C O Z 0 <u>г</u> с CAPACITY STATE POTENTIAL II III CTRIC 2 ы PHYSICAL HYDROFL

* * 3	* * ·	4 4 4		1	4 4 4 4 4	1	POTENTIAL		NORTH AND	CAPACITY************************************	114 &ANGE	の を を を を を を を を を を を を を を を を を を を		***************************************	*	***************************************	* * * *
# * * #	* * * * * Z O				k k	E K K K K	k 8 -		***		3 X	in -	***	c.	33 35 10	13	***
***	₩ 2	* * * * * * * * * * * * * * * * * * *	*****	**************************************	* - 3	**************************************	# # # # # # # # # # # # # # # # # # #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# H G # H G # H G # H G B G G G G G G G G G G G G G G G G G	**************************************	* * * * * * * * * * * * * * * * * * *	K	**************************************	**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	TOTAL TOTAL TOAPE
* * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* OM .					0	C C		* * * * * * * C * C * C	c c	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	* * * * * *	* * * * * * *	* * * * * *	* * * * * * * * * * * * * * * * * * *	\$ *	0	*****	* * * * * C . * C	****	0 0		0 0	***** C *O C	* * * * * C	2.0 	****	2 N
_	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* C *	* * * * * * * * * * * * * * * * * * * *	# C ; # #	* * * * * * * * * * * * * * * * * * *				0		0 0	* * * * * * * * * * * * * * * * * * *	*****	C C	* * * * * 0 0 0	0
	* * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	함 참 *			* * * * * C		0	0	0 0		* * * * * C C		* * * * * C O	
	* UF>> * CF>>	* * * * * * * ~ * * * * * * ~ * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* "	* * * * * * * * * * * * * * * * * * *	0	* * * * * C	****	0	0 0	****	* * * * * * * * * * * * * * * * * * *	##### ## 100 0 ### ###		* * * * * * * * * * * * * * * * * * *	# # # # # 0 00 0 0 1 00 0 1
24	2	* # # # # # # # # # # # # # # # # # # #	**************************************	**************************************	# - ^-				# # # # # # # # # # # # # # # # # # #	3U T O T A L	NER STATES	N S S S S S S S S S S S S S S S S S S S	C C C C C C C C C C C C C C C C C C C	C SC	E COLUMN	NS 2 AND XATT) TTTHOUR)	3

ADDITIONAL æ **1**1. OTENTIAL n. PHYSICAL

Ω Z ∢ CAPACITY ECTRIC نــ لعا C C

0
Z
4
_
600
9-4
لط
Q
0
-
ia.
_
i.i.i
<u>-</u>
4
_
90
لعة
I
I
I
I

	* * 4 * * 4 - 0 -	2 2 2 3	4 4 4 4 4 4 4	4 0 0	1	4 4 4 4 4		A .	Z 1	C A 10	ITY RANGE	o o :					
⊷ Z ern	ZQ U		r <u>e</u> gn +	3		k -	X	K (1) K (1) K (2) K (3)			* (X * (U) * \ * \	*	* 3	*	**************************************	*****	***
.3.13,1.19⊷ -4 #9	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	**************************************	8	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *		* 2 C C C C C C C C C C C C C C C C C C	HO************************************	* W → ·	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* F Z C)	**** FXTS TNS	A K H K H K H K H K H K K H K K H K K H K K H K K H K K H K K H K K H K K H K K H K K H K	INDECK POTENK W CAPK	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	* * * * * * * * * * * * * * * * * * *		* ************************************		数 数 金 本 本 古 在 数 金 本 本 古 本 数				* * * * * * * * * * * * * * * * * * * *	r T	* * * * * * * * * * * * * * * * * * *	* COO * • • * OO *	* * *	*	* 000 * 000 * 000 * 000	* CC	* 000 * 00 * M
	* * * * * * * * * * * * * * * * * * *		E		k -			ž e e .		K ES K OO K		* * * * * * * * * * * * * * * * * * *	# 000 # 8 # CO # #	* CC * * CC * * * CC * * * * * * * * *	4 200 4 200 4 200 4 200 4 200 4 200 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* 0000 * 0000 * 0000
	* * * * * * * * * * * * * * * * * * *						# 99 +	* • • •			* 000	* 000	* * * * * * * * * * * * * * * * * * *	* *	# # # # # # # COO # CO # COO # # #	* * * * * * * * * * * * * * * * * * *	* 000
	* * * * * * * * * * * * * * * * * * *				E (P 4. 4	* • •		× 00	* 000	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	* * * * * * * * * * * * * * * * * * * *	* 000	* 000
	* * * * * * * * * * * * * * * * * * *	E	* = 0 * = 0 * = 0 * = 0 * = 0 * = 0 * = 0	000	1 1 2 4	CC CC			000	600	* * * -	* 000		* ***	* ~ 7	* * * * * * * * * * * * * * * * * * *	* O C C C C C C C C C
		- 0.10	7STTNG DITTONG	0 - 0	DEVE	EXECUTE OF STREET	# 0 # 7 8			TOTAL UM OF C	* CAN	F A S C S C S C S C S C S C S C S C S C S	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *

DATE 14 JUL 81 NATIONAL HYDRÜELECTRIC POWER STUDY TIME 13,000,45 PAGE 48 OF TABLE 1

# EHOX2	* * * * * * * * * * * * * * * * * * *	****	****	**** '01	****	*****	. * * * *	****	****
KENO HO KOOKK H KOOKK H KOOKK	* 7	1436	1 4 8	11 27 11	1276	1470	1380	1 138	在 1419 1419 1419 1419 1419 1419 1419 1419
* O Z O W O Z O Z W O Z O W O Z O W O Z O W O Z O W O Z W O Z	***************************************	1 4 46	44	4 4 4	127	1.47	# 90 00	1381	1419
* C C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	1436	1484	1. 1.	1276	1470	1380	1381	
******* * 00 ********	* * * * *	*****	e: # # # #	****	****	****	40 ku	****	
* U	**************************************	113. 63.47	74,43	129. 58.14	त त्य * व * व * व * व * व * व * व * व * व * व	109.9	114°00°00°00°00°00°00°00°00°00°00°00°00°00	& & & & & & & & & & & & & & & & & & &	221.48 59.931
* * * * * * * * * * * * * * * * * * *	* 44 *000 *	* * * * * * ·	44 0 0 0 m	000	****	000 000 * * * * *	* * * * * 0 0 0 N Ni	4 4 4 4 4	* * * * * * * * * * * * * * * * * * *
E WWO CONTROL OF THE	***************************************	4 4 8 8	44	ณ ณ ณ ณ	4 4 4 0	 2. 12.	ત્યું ત્યું ત્યું ત્યું	3 3 3 3) () () () () () () () () () () () () ()
* * * * * * * * * * * * * * * * * * *	* 00 * 0 d d * * * * *	# # # # # # # 0 0 0 # # # # # # #		24 00 000 000	7 M M O A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	60 60 0 00 0 11 11 11 11 11 11 11 11 11 11 11 11 11	* * * * * * * * * * * * * * * * * * *
K B C S S S S S S S S S S S S S S S S S S	# 1975 PP) ## ## ## ## ## ## ## ## ## ## ## ## ##	F1 F1							
****		000	000	000	000	* * * * * 0 0 0 0 0	***** 000 0 0	0 4 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *
x x 00 • 66 C) 66 +		N N	0 0	\$ \$ \$	9 O	ત્યું ત્યું ત્યું ત્યું	O O M M	e-i Na Na	***
* T D. * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * *	* * * * * W	* * * * *	* * * * *	****	****	****	CO 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* 0 * 0 * 0	0.0P	0. 0P • 149	0 0P •190.9	0 0.00 -307	0 0 • 136,	00 -	4. 8.	0 0 t 0 t 1 t 1 t 1 t 1 t
* C OO	* C C C	*****	****	****	****	****	****	****	
CONSTRUCTOR OF STATE	# 11 M 4 M 4 M 4 M 4 M 4 M 4 M 4 M 4 M 4	4 m	411 11.00 12.00	32.4 101	4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 K 5 C 6 C 6 C 6 C	40 m	N N N N N N N N N N N N N N N N N N N	* 4
ANG COS	* 4 6	45	22	25	25	25	3 6	3F	7 7 7
Σ	# I	W A A A A A A A A A A A A A A A A A A A	e A C C C	€ 4 0 10	02 } [bJ	Σ Ω V E	α α Ω	M S C	
K BL KW O	* * *	SOUTH BRAN	POND	N D B L	PAWTUXET		Ë	BLACKSTONE	91 OX 0 10 10 10 10 10 10 10 10 10 10 10 10 1
* 2 % (C * 4 W * + 2 Z * O † 3	* Z 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	š	ONOR	ບ	т Т	27. G. 27. G. 20. D.	0. 0. 0. 0. 0. 0.	. •	
* * * W	* H Z Z Z E U	•	ILE ILE	MILL ELECTRI	POND BUGGIERI	ALUPPER SOUTH HINDE	POINT UPPER 80 OKE HFG.	O → ←	I LL. 11
TO NO # PRIMARY CO. SWEET OF GIRES IN THE CO.	SANGER SANGES SA	X X X X X X X X X X X X X X X X X X X	CENTER VILLE NATO	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	METHCK RENT ROLAND B	ENT CENT	KENT PON KENT KENT KENT KENT KENT	ALBION PROVIDENCE PSP REALTY	* RIANEDIVYO * ASHTON DAH * RI 61 * PROVIDENCE BLCKSINE * PORC * RONCI MFG. CO.
*****	* * * * *	****	****		****		****	* * * * *	40.00
	######################################	08519 0148 RC	08510 0149 RC	IMMED6511 RICO157 DRC	ED1702 145 380 I	08507 0151 RC	ENECOSCIS DECOSCIS	01769 60 RC I	ED1770 61 DRC
	# (P) (A)	RIMNEDS519 RICO148 2 DRC	RICNEDSS10 RICO149 2 DRC	RIMNEDS RICOL	RICNED1702 RI 145 2 DRC I	RIANEDSSO7 RIOO151 P DRC	M M M M M M M M M M M M M M M M M M M	RIANED1769 RI 60 2 DRC I	RIANEDIAZO RI 61
* * * * * * * * * * * * * * * * * * *	#		****	****	****	****	****		****

DATE 14 JUL 81 NATIONAL WYDROELECTRIC POWER STUDY TIME 13,00,45 PAGE 49 OF TABLE 1

ASSESSED TO THE TRANSPORT OF THE TOTAL OF TH	# 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1927	* * * * *	20.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5	67 17 18 18 18 18 18	1297	01 23 01 01	N N N M M	
**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1527		1522	80 21 01	1297	1482	N N 1 N N	0. 1
******	* * * * * *	1327		0 0 0 0	© N	# # # # # O	0: 2) 7	#1 #1	61 6 61 6 64 6 6 6 6
NUCE COOT NUCE COOT (1000 6)	** ** ** ** ** ** ** ** ** ** ** ** **	92.547 87.78 88.47	CC	78.970 85.611	NN NN NN 110 110	01 W W F- 12 & 0. 10 10 M	0.4 0.4 0.0 0.0 0.0 0.0 0.0	010 000 000 000 000 000	00 4 00 4 00 6 00 8 00 8 00 8 00 8
######################################	* * * * * * * * * * * * * * * * * * *	0 mm	4 4 0 0 0 0 0 0	* * * * * O N N W N O O	2 4 4 4 4 0 00 00 00 00 00 00 00 00 00 00	* * * * * O (1) (1) M) M) (1) (1) M) M)	MM 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #
**** **** ****				C C C C	COUG M M M M M M	000	0 4 4 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *				m m	* * * * * *	000	000		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
\$ 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TOP 177.6*	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 00 14 14 18 18 18 18 18 18 18 18 18 18 18 18 18	00 8 00 8 00 00 00 00 00 00 00 00 00 00	CC CC CA A A A A A A A A A A A A A A A	C C C C C C C C C C C C C C C C C C C	# * * * * * * * * * * * * * * * * * * *
**************************************	11 12 12 13 14 14 14 14 14 14 14 14 14 14 14 14 14	2 M 0 0 0 N 0 N	4 M NN 0 4 W 0 4 W	1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M	24 80 84 84 84 84 84 84 84 84 84 84 84 84 84	ณ เก เก เล ก เก เล เก เจ เก	8. M M M 4 8 6 6 8 6 6 8 6 6 8 8 8 8 8 8	**************************************	
*	**************************************	8	* * * * *	****	****	***	OZ ***	****	* 4 \$\tau \cdot \c
作 (A C) (A	AND TAXABLES DAM BENTEMBERS OF THE STREET STREET OF THE ST	CATER SORKES OF THE SORKES TO SORKES TO SORKES OF THE SORK	IIAL DAM North Branch Idence	MILL RIVER	BLACKSTONE 10YER	JER BLACKSTONE VALLEY ELECT.	UPPER BLACKSTONE F	BLACKSTONE	- 1
######################################	K CO 0. 60	EAST PROVIDENCE TRASH PROVIDENCE	GAINER MEMBRIAL DAM PROVIDENCE NORTH CITY OF PROVIDENCE	* HARRIS POND * PROVIDENCE MILL * CITY OF WOONSOCKET	MANOVILLE BANDVIDENCE BANDVER BANDVER	PAWTKET LO PROVIDENCE BLACKSTONE	PASSTUCKET	PRANTE NO MICE	VALLY FALLS F PROVIDENCE BLACKSTONE F
FM 2 1D NO ACTV DEP CODE STATUS	RIANEDITY	A TOO AO T	A RIENEDSCOL	A HCNEDSOA	A PHENOCOROLOGO SE	RIANED9060 RIANED9060 RIANED9060	1 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	A RINNED1772 & VALLY FALLS PD * NI 65 & PROVIDENCE BLACKSTONE * P DRC I * BLACKSTONE FALLS ASSOC.

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,45 PAGE SO OF TABLE 1

A CANON A CONDUCTOR A CANON A CONDUCTOR A CANON A CONDUCTOR A CONDUCTOR A CANON A CONDUCTOR A CANON A CONDUCTOR A CANON A CANO	######################################	THE TOTAL OF SUIT A CONTROL OF THE TOTAL OF A COLUMN A CONTROL OF A COLUMN
######################################	**************************************	11/56 90 88 97 48 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
######################################		1767 1767 1767 1767 184
# WHH # # # # # # # # # # # # # # # # #	E E E E E E E E E E E E E E E E E E E	# # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #		* * * * * * * * * * * * * * * * * * *
* LATITUDE PPROJUPURD & DAK HIT TUDE PPROJUPURD & DAK HIT * LONGITUDE & STATUS * KK. SOTOR. * O. M. N. A. K. S. O. M. N. A. K. S. O. M. N. A. K. S. C. M. S. C.		* 41 24e7 * 0 * 6 * 6 * 6 * 6 * 6 * 6 * 6 * 6 * 6
# # # # # # # # # # # # # # # # # # #	41 Min 1 + 4 + 6 + 6 + 4 + 4 + 4 + 4 + 4 + 4 + 4	41 24 07 4 7 4 7 4 7 1 4 7 6 8 4 7 4 6 8 4 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		PAECATUCK RIC* 41
A POLICE A COURT COURT A COURT COURT A	* NIANEO1467 * EDONOGICK TARICA * NI GG * DACLOENCE * A DONOGICK TARICA * A DONOGICK TARICA * P DAC I * CITY MODEOCKET	A RIANEDSSO & POTTER HILL * RIOOSS4 & MASHINGTON PAWCATUCK RI * 2 ORC & HELFN COTTRELL **********************************
* * * * * * * * * * * * * * * * * * *	A A A A A A A A A A A A A A A A A A A	* * * * * * * * * * * * * * * * * * *

				-	
				- -	
				-	
				-	
				-	

D R V R L O P B R N T CAROLINA ADOITIONAL F 7 0 6 er er CAPACITY STATE POTENTIAL HYDRUELECTRIC PHYSICAL

18.

* * * * *	* * * *	# 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	K (100 = 1	* OOO * * * * * * * * * * * * * * * * *	x x x x x x x x x x x x x x x x x x x		20 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*****
* :	k K	* F 4	# -	k 50 → 1			6.4	e e
在 在 在 在	X .	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *		K * * * * * * * * * * * * * * * * * * *			4 2 TT)
* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	E 30 (1) E 30 (1) E 30 (1)	# 00 # 00 # 100 *	# 100 # 200 # 200 # 200		* * * * * * MM * * M97	G C C C C C C C C C C C C C C C C C C C
* * *		* * * * * * * * * * * * * * * * * * *		E			M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	K CO
**************************************		4		K W K K K K K K K K K K K K K K K K K K	E # # # # # E # # # # # # E # # # # # # E # # # #		* 34 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4	CAPACITY (SL 61ven Head R
* W 4	* 3 * ¥ * 10	POCE CHEC CHEC CHEC CHEC CHEC CHEC CHEC C	****		*****	* * * * * O	00 9 00 9 00 9	
* # # # # # # # # # # # # # # # # # # #	3 X	XX	****		* \(\alpha\) * \(\alpha\) \(\alpha\) * \(\alpha\) \(\alpha\) \(\alpha\) * \(\alpha\) \(\	* * * * *	**** **** ******	
**************************************	-	EX X A A A A A A A A A A A A A A A A A A	0	0	20 20 4 4 4 4 4		M M M	- E E E
**************************************	* * *	K + + + + + + + + + + + + + + + + + + +	C C C C C C C C C C C C C C C C C C C	2 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	******* ****** ****** ******* *******	* * * * * * * * * * * * * * * * * * *	(
* * 1	K 3 .		k	K + + + + + + + + + + + + + + + + + + +	6 0 N	* * * * * 0 • 0	* * * * * * * * * * * * * * * * * * *	
* TY 11 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 E In	N E E E E E E E E E E E E E E E E E E E	##### 	M M M M M M M M M M M M M M M M M M M	* * * * * * * * * * * * * * * * * * *		0 M 0 M 0 M	2 2 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
*		X X X X X X X X X X X X X X X X X X X	****	440 440 440	* * * * * * *****	****	0.0 0.0 0.0 0.0	2
***************************************	k - 1 k - 1	K P Z O 4	•0	k i	k -	k -	* * * * * * * * * * * * * * * * * * *	A 4 A 4 A 1
* 4 4		5 1	0 *0	k 0		0	C	INSTALLED CAPACITY INCREMENTAL CAPACITY POTENTIAL CAPACITY
***************************************	K 50	* * * * * * * * * * * * * * * * * * *	0 0				K	22.00 H
*		K		K 1	िक्ष के कि कि कि कि ए 10 कि के ए 10 कि के ए 10 कि	0 0	10 10 × 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4 ×	220 HHQ HHA HUM
* * * * * * * * * * * * * * * * * * *		3 T HZ 1>W				* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	
* * * * * I W < O	L L H Z	اسان	0 1.9	0.5 6.4	0 0	× 100	TOTAL	*****

DEVELOPMENT ADDITIONAL CAPACITY AND ENERGY # P D 0 3 3 L D POTENTIAL STATE HYSICAL HYDROELECTRIC

E E

C A 'R O L I N A

**************************************		* F Z U	* * * * * * * * * * * * * * * * * * *	* 01.01.01.01.01.01.01.01.01.01.01.01.01.0	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	4 ID P-	* * * * * * * * * * * * * * * * * * *
	101	* W W 4 :	* * * * * * * * * * * * * * * * * * *	* 00 * 00 * 00 * 00 * 00 * 30 * 30 * 4		# 40 40	* ~ ac ac * ~ ac ac	MANA C AND AND ATTHOUR)
		* H Z C	* * * * * * * * * * * * * * * * * * *	# ~~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		* * * * * * * * * * * * * * * * * * *	* 1000	S S S S S S S S S S S S S S S S S S S
***************************************		* * * * * * * * * * * * * * * * * * *		* 4 M		* O O S * O O O S * O O O O O O O O O O		COUM OF COUM
*****	* * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* 00 * 00 * 00 * 00 * 00 * 00 * 00 * 0			# → in m +	AT ALL SITES (SUFOR GIVEN HEAD R
女女女女女女女女女女女女女女女女女女女女女女女女女女女女		* * * * * * * * * * * * * * * * * * *	00		K # # # # # # # # # # # # # # # # # # #	# * # # # # # # # # # # # # # # # # # #	k (100	
M		M X X X X X X X X X X X X X X X X X X X		* •0			× N -	
. CAPACITY	ж Э	# # # # # # # # # # # # # # # # # # #	000		13011	* -0:0 H	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	14 L F
INCERMENTAL *********	* * * *	* P	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	× ~1 → 1	k 0~ 1	00 M	10002	4 H H
- 本	35 25 25 20	M O O O O O O O O O O O O O O O O O O O	1000	* -00	k 60 ↔ 6	K * * * * * * * * * * * * * * * * * * *	x → M x x x x x x x x → M	CAPP
POTENTIAL.	3	EXHOUT TO THE CAPE		# 0.10° 1			K F R R R R R K M GI GI K M GI K M GI K M GI K GO K	K 29
****		H	000	× 40 CO 1	M + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	000	10 -00 -00 	EC SE
*****	1	* * * * * * * * * * * * * * * * * * *	k 1	k -1	k d	k	. → .	OEVE
* *	55	* DOTEN* TOTAL * DOTEN* TOTAL * S CAP* 4 CAP	* ************************************	K 0.00 H			2 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	HYDROPO L POTEN
在安全的大学的	ME SO	**************************************	20 C	* 10 1	00 00 00 00 00 00 00 00 00 00 00 00 00	k 1	* * * * * * * * * * * * * * * * * * *	0 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
***	; ;	E S S S S S S S S S S S S S S S S S S S	* * * * * * * * * * * * * * * * * * * *	K	* * * * * * * * * * * * * * * * * * *		1	
	* * * * !	**************************************	X	* * * * * * * * * * * * * * * * * * *	24	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	700 7100
		* * * * * * * * * * * * * * * * * * *	6	x 00	6° 6	100	TOTAL	K K K

# PE_CX	# # # # # # # # # # # # # # # # # # #	_	'						
SANCE ON SAN	0	900	0002	•	1000	.		•	1000
**************************************	# # * C	•	•	•	•	•	•	•	•
* # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * * *	•	•	•	•	•	.	•	
*****	****	*****	****	****	****	****		****	****
ANTICONSTRUCTORNOS ANTICONSTRUCT	* C C C C C C C C C C C C C C C C C C C	3226.7 93.947	22612 51.641	3073.	44.00 P. 00	66. 68. 68. 68.	.	00	771.28
* 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	4444	****	*****	**************************************	****	000	****	0.00
# # # # # # # # # # # # # # # # # # #	# O O O O O O O O O O O O O O O O O O O	M W W W W W W W W W W W W W W W W W W W	00000	9 9 mm 0 0	80 P	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	129000	418000	27 27 50 60
*	# 000 # 000 # 00 00 # 00 00 # 01 00 # 04 00	20217 20217	000000s	4717 4717	6 W W 6 W 7 W 7 W 7 W 7 W 7 W 7 W 7 W 7	400 600 600 600 600 600 600	132615 132615	8 8 0 0 0 0 0 0	88 847 847 847
*#UF- *XZO *W#F-	; * # #								
+ ec F		6 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	000	3 W W	0 % % % % % % % % % % % % % % % % % % %	007	400 400 400 400 400 400 400 400 400 400	0 10 0
2X	# # # # # # # # # # # # # # # # # # #	80 40 No. 80 50 To Oc	340000 1890000 1898	70°0 891000 84°9	a N	W W	80 11100 67	11100	200
******	* * * * *	****	* * * * * *	* * * * *	****	* * * * * *	****	* * * * *	****
	-			, -			_		
**************************************		976	50 51 51	(A)	900	790.0	N N N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5229	0.00
**************************************	# £	92	er er	(A)	# 0 6 0 8	10P	HRNC OP 3500	# UC 15829	7 0 8 8 8 8 8
***********		**** 000	1 60 1 60 1 60 1 70 1 70 1 70 1 70 1 70 1 70 1 70 1 7	* * * * * * * * * * * * * * * * * * *	****	16 ****	*****	* * * * * *	****
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 P P P P P P P P P P P P P P P P P P P	H 4	(A)			156,7 # HRNC 588,7 # OP 15000 # 15600	5229	1 4 4 00 00 00 00 00 00 00 00 00 00 00 00
		040 000 000 000 000 000 000 000 000 000	00 00 00 00 00 00 00 00 00 00 00 00 00		****	10 * * * * *	6.7 * HR 000 * * OP	2.000 2.000 2.000 2.000 2.000 2.000	****
# # # # # # # # # # # # # # # # # # #	A CANANA	4	# # 0007 # # 0007 # # 0007 # # 0007 # # 0007	# 133 MW - 0 # CRSO PD # 130 MO - 12 # SI # 156 # # 428	# # # # # # # # # # # # # # # # # # #	T 4 4 00 00 7 4 4 00 00 7 4 4 4 00 00 7 4 4 4 6 00 00 7 4 4 6 00 00 7 4 6 00 00 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	# 16.000 W	* 33 24.0 * 1 268:79 54.9 * UC 1500 * 15229	# # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #	A CANANA	AIVEN 4 MO 1000 A TO 4 MO 4	# # 0007 # # 0007 # # 0007 # # 0007 # # 0007	# 133 MW - 0 # CRSO PD # 130 MO - 12 # SI # 156 # # 428	T T T T T T T T T T T T T T T T T T T	I & 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 VWW 14 VACOOUT 4 VACOOUT	# 33 24.0 # H CGOPER* 79 54.9 # UC # 1500 # 15229	# # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #	A COLOR A COLO	LUDA RIVER & 82 16.0 & IG	T 4 0°C7 MM 4 SOUNDERD	TORK MUMUS A CROOM TORK MUMUS A CROOM TORK MUMUS A CROOM TORK A CROOM	# # # # # # # # # # # # # # # # # # #	I & 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 VWW 14 VACOOUT 4 VACOOUT	# 33 24.0 # H CGOPER* 79 54.9 # UC # 1500 # 15229	# # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #	A COLOR A COLO	LUDA RIVER & 82 16.0 & IG	A NUM A T T T T T T T T T T T T T T T T T T	# 133 MW - 0 # CRSO PD # 130 MO - 12 # SI # 156 # # 428	# # # # # # # # # # # # # # # # # # #	I & 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 VWW 14 VACOOUT 4 VACOOUT	* 33 24.0 * 1 268:79 54.9 * UC 1500 * 15229	# # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #	A COLOR A COLO	SHOALS SALUDA RIVER & BR 16.0 & 10.0 & 10.0 & 10.0 & 10.0 & 10.0 & 10.0 & 10.0 & 10.0 & 0	A NUM A T T T T T T T T T T T T T T T T T T	A WWW WW A STORM THOUSE A CONTRACT THOUSE A CONTRACT THOUSE A CONTRACT THOUSE A CONTRACT	SALUDA RIVER & BR 27.27 & OP	SALUDA TIVER & BR 187 OF PANY	DIVERSION CANS 79 SEEV ARTH	* 33 24.0 * H SANTEE COOPER 79 54.9 * UC * 1500 * 15229	# # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #	A COLOR A COLO	SHOALS SALUDA RIVER & BR 16.0 & 10.0 & 10.0 & 10.0 & 10.0 & 10.0 & 10.0 & 10.0 & 10.0 & 0	T * O * O \$ MM * T * O * O \$ MM * T * O * O \$ MM * T * O * O O N N * T * O O N N N N N N N N N N N N N N N N N	A WWW WW A STORM THOUSE A CONTRACT THOUSE A CONTRACT THOUSE A CONTRACT THOUSE A CONTRACT	SALUDA RIVER & BR 27.27 & OP	SALUDA TIVER & BR 187 OF PANY	DIVERSION CANS 79 SEEV ARTH	* 33 24.0 * H SANTEE COOPER 79 54.9 * UC * 1500 * 15229	# # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #	######################################	LUDA RIVER & 82 16.0 & IG	A NUM A T T T T T T T T T T T T T T T T T T	TORK MUMUS A CROOM TORK MUMUS A CROOM TORK MUMUS A CROOM TORK A CROOM	# # # # # # # # # # # # # # # # # # #	SALUDA TIVER & BR 187 OF PANY	DIVERSION CANS 79 SEEV ARTH	HEN SANTEE COOPERATY SALOO F INDEP	# # # # # # # # # # # # # # # # # # #
######################################	**************************************	A UPPER MARE SHOALS A UPPER MARE SHOALS A ABREVILLE SALUDA RIVERA & BW 16.0 & 140 A ABREVILLE A ABREVI	A MUN 40.04 T T T WOULD A MUN 40.04 T T T T WOULD A MUN 1 T T WILL T T WILL T T WOULD A MUN 1 T T T T T T T T T T T T T T T T T T	A MAN CREEK SOUTH FORK ROA OLUGA A CROOL A PIKEN SOUTH FORK ROA OL WO. W. A SIL A A KREN	* SA 37.1 * H * ANDFRSON SALUDA RIVER * 82 27.2 * OP * THE KENDALL COMPANY * 414 *	A UPPER PELZER A SALUDA RIVER & GR M9.0 A II A ANDERSON SALUDA RIVER & GR RY.1 & OP A II HE KENDALL COMPANY & A 400 A 4	A MEFFERIES A MUSICALEY A BERKELEY A BERKELEY A BOOOL A 19 BB.7 4 OP A S C PUBLIC SERV ARTH A S C PUBLIC SERV ARTH A S C PUBLIC SERV ARTH	* STEPHEN * 133 24.0 * 1 T STEPHEN SANTEE COOPER 19 54.9 * UC * DAEN SAC * 15229	# # # # # # # # # # # # # # # # # # #
######################################	**************************************	A UPPER MARE SHOALS A UPPER MARE SHOALS A ABREVILLE SALUDA RIVERA & BW 16.0 & 140 A ABREVILLE A ABREVI	A MUN 40.04 T T T WOULD A MUN 40.04 T T T T WOULD A MUN 1 T T WILL T T WILL T T WOULD A MUN 1 T T T T T T T T T T T T T T T T T T	A MAN CREEK SOUTH FORK ROA OLUGA A CROOL A PIKEN SOUTH FORK ROA OL WO. W. A SIL A A KREN	* SA 37.1 * H * ANDFRSON SALUDA RIVER * 82 27.2 * OP * THE KENDALL COMPANY * 414 *	A UPPER PELZER A SALUDA RIVER & GR M9.0 A II A ANDERSON SALUDA RIVER & GR RY.1 & OP A II HE KENDALL COMPANY & A 400 A 4	A MEFFERIES A MUSICALEY A BERKELEY A BERKELEY A BOOOL A 19 BB.7 4 OP A S C PUBLIC SERV ARTH A S C PUBLIC SERV ARTH A S C PUBLIC SERV ARTH	* STEPHEN * 133 24.0 * 1 T STEPHEN SANTEE COOPER 19 54.9 * UC * DAEN SAC * 15229	# # # # # # # # # # # # # # # # # # #
######################################	A COLOR A COLO	A MARE SHOALS A MARE SHOALS A MARE SECON A TOO TA ABBREVILLE SALUDA RIVERA & 802 16.0 & 100 A 476 A 4 500 A 500 A 476 A 4 500 A 500	T * O * O \$ MM * T * O * O \$ MM * T * O * O \$ MM * T * O * O O N N * T * O O N N N N N N N N N N N N N N N N N	CREEK BOLTH FORK ED & MG. 9 & CRGO	SALUDA RIVER & BR 27.27 & OP	A MADER PELTER A MADA BIVER & BA MADA BANDERSON SALUDA RIVER & BR 27.7 & OP A THE KENDALL COMPANY & A 40.00 &	DIVERSION CANS 79 SEEV ARTH	* 33 24.0 * H SANTEE COOPER 79 54.9 * UC * 1500 * 15229	CHEROKEE FALLS CHEROKEE FALLS CHEROKEE BROAD RIVER + 81 38.2 + BROAD RIVER + 81 38.2 +

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.04 PAGE 216 OF TABLE 1

* * * * * * * * * * * * * * * * * * *	* * * *	* * * * * 0 0	* * * * * 00 0	****	000	000	1000	1000	
# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	° C	ċ	· c	°		• •	ć	0
** 5	* O * * * * * * *	* * * * *	• * * * *	o * * * * *	O * * * * *	• • • • • •	°	• • • • •	****
# FOO OO	***********	6 iu 6 iu 6 iu 6 iu 7 iu	1316 44.8000	100 cm	6.05 1.49 1.49 1.49 1.49	88 88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	10 10 10 10 10 10 10 10 10 10 10 10 10 1	41.601	7031.0 149.52
XXZC	**************************************	478114	177861 177861 177861 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**** *** ** *** *** *** *** *** *** *** *** **	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	197915 197915 197916 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	30000 37000 110000 110001 110001 110001	4 4 4 4 4 4	47081 47081 44081 44
	# 07100 # 07100 # 071001	11 14 40 50 14 40 50 14 40 50	1158 1158 1158 1158 1158 1158 1158 1158	######################################	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1920	Onn oo oo	16368 16368 16368
*****		* * * * * * · · · · · · · · · · · · · ·	10000000000000000000000000000000000000	00.00.00.00.00.00.00.00.00.00.00.00.00.	#### BOM BOM BOM BOM BOM BOM BOM BOM BOM BOM		11000000	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *		T. C.	T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00 0.42 51 0.00	######################################	HR0 0P 242.01	# FO SO F # # # # # # # # # # # # # # # # # #
A MARCA CONTRACTOR CON	* * * * * * * * * * * * * * * * * * *	***** **** **** **** ****	* * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * M	* * * * * M * * * * 4 C M * * * * M * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
# C. F	A CHECOLE DO CONDANCE AND A CHECOLE D	* GREATER CHEROKEE FALLS * CHEROKEE BROAD RIVER	* GREATER GASTON SHOALS * CHEROKEE BROAD RIVER	* NINETY-NINE TOLANDS * CHEROCKEE BROAD * DUKE POWER CORPANY	* GREAT FALLS * DEARBORN * CHESTER CATAWBA * DUKE PWR CD	* ROCKY CREEK+CHECAR CREEK * CHESTER CATAMBA * DUKE PER CO	* SPILLWAY (LAKE MARION) * CLAMENDON SANTEE RIVER * G PUBLIC SERV AUTH	* SCHONAME16033 LAKE ROBINSON * DARLINGTON BLACK CREEK * CAROLINA POWER COMPANY	* SC60ACO754 * CATTLE CREEK * ODRCHESTER ROTSTORIVER * S DRC *
S DO S		* * * * * * * * * * * * * * * * * * *	SCENTOONS SCENTO	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	# SCISACOOS7 # SCO1071	O O O O O O O O O O O O O O O O O O O	# # # # # # # # # # # # # # # # # # #	# 8C68AC0754

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.05

A MAC CONDESCE A MAC CONDESCE A MAC CONDESCE A CONDUNCE NANCE A CONDUNCE NANCE A CONDUNCE NANCE A CONDUNCE NANCE	# # # # # # # # # # # # # # # # # # # #	0000	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	.****	1000	****	* * * * * * * * * * * * * * * * * * *
*CU W B B B B B B B B B B B B B B B B B B	数 e 数 c 数 g 数 e 数 e	0	٥	ć	•	·	• 6	• 0	0 **
****	* 4 4 4		4 # # # #	00		00 m 90 m 90 m 90 m 90 m	19 00 00 00 00 00 00 00 00 00 00 00 00 00	***** **** **** **** **** **** **** ***	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
######################################	# # # # # # # # # # # # # # # # # # #	######################################	16174 16174 16174 16174 16174	1276000 # #	C C C C C C C C C C C C C C C C C C C	10 10 10 10 10 10 10 10 10 10 10 10 10 1		18056 20056 30056 1010146 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* U U U O O O O O O O O O O O O O O O O	在在 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6 4 10 1 W 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	18 18 18 18 18 18 18 18 18 18 18 18 18 1	0.000 000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.	609510	* * * * * O IN IN O C O IN IN	M 4 60 N 60 N O 60 N G 6 6 6 6	# # # # # # # # # # # # # # # # # # #
***	8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	17. 17. 18.17. 18.00. 18.00. 18.00.	100.00 101.00 100.00 100.00 100.00	00 00 00 00 00 00 00 00 00 00 00 00 00	## ## ## #############################	M 4 0 00 C * * * * *	2 P W CO	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
######################################	**************************************	T.C	I 00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	TI NI NI NI NI NI NI NI NI NI NI NI NI NI	* * * O * O SI O SI O SI O SI O SI O SI	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4
CDR	A A A A A A A A A A A A A A A A A A A	88 87 86 71 12 13 13 13 13 13 13 13 13 13 13 13 13 13	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	81 19.9	M B 4 11 M M M M M M M M M M M M M M M M M M M	20 20 20 20 20 20 20 20 20 20 20 20 20 2	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	# # # # # # # # # # # # # # # # # # #	MU
# # # # # # # # # # # # # # # # # # #		STEVENS CREEK RESERVOIR * EDGRINELO SAVANNAI RIVER	BLATRS A ** FAIRFIELD BROAD RIVER **	FAIRFIELD PHONTICELLO RESERVA FAIRFIELD FREES CREEK * S CAR ELECT AND GAS	LVLES FORD FAIRFIELD BROAD RIVER +	MARS BLUFF FLORENCE PER DEE RIVER*	FORK SHOALS DAW GREENVILLE REEDY RIVER * VIRGINIA MFG. CO.	HOLTDAYS BRIDGE ** GREENVILLE SALUDA RIVER ** DUKE POWER COMPANY **	A COUNTY STANFORM SITTE A STEED A STANFORM STANF
* FF F A C	######################################	4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	S C C C C C C C C C C C C C C C C C C C	A GCLGACO762 A FAI	SCSSACO749 * LVL	#	SCHSACO745 FOR		# # # # # # # # # # # # # # # # # # #

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.05 PAGE 218 OF TABLE 1

* OOTA * OOTA * SOOTA		1000		2000	1000	1000	2000	1000	1000
*0.KM36	# # # O # # #	¢	6	•	•	e C	•	•	ő
* W -	* • * •		•	•		•		•	•
######################################	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	in or m No. No. No. No. No. No. No. No. No. No.	125.48 57.729	444 444 444 80	6 W 6 W 6 W 6 W	245 200 200 200 200 200 200	2 4 00 4 00 4 00 6 0 6 0	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	200 - 100 -
**************************************	4 4 10 00 00 00 00 00 00 00 00 00 00 00 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	444	W7010 W7010 W7010	2777 1920 2007 24 11 14 14 14 14 14 14 14 14 14 14 14 14	10 10 10 10 10 10 10 10 10 10 10 10 10 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A A A A A A A A A A A A A A A A A A A	9 N O 3 N O
* * * * * * * * * * * * * * * * * * *			0 m m	11 00 00 00 00 00 00 00 00 00 00 00 00 0	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N N N N N N N N N N N N N N N N N N N		M	0.00 A A A A A A A A A A A A A A A A A A
* X X X X X X X X X X X X X X X X X X X	# # # # # # # # # # # # # # # # # # #	00 M	144 16000 166 166 166 166 166 166 166 166 1	# # # # # # # # # # # # # # # # # # #	4 4 4 4	M	80 980 80 980 90 90 90 90 90 90 90 90 90 90 90 90 90 9	60000 400000 40000000000000000000000000	Nu 4
**************************************	5 0	# # C. No.	20 E		200 000 000 000 000 000 000 000 000 000	2.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	2. 54 80 24 60 44 60 60 44 60 60 60 60 60 60 60 60 60 60 60 60 60	ATC CD 24 6060 600 8 * * * * * * *	TO TO
* A C C C C C C C C C C C C C C C C C C	**************************************		330	00 H W	\$ # # # #	44.4	# # # # # : N → O • • N	6 N O	# # # # U- #
*	1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14 m 24 m 14 m	N 00	ม ซ 4 เก เก ม	8 4 4 1 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	80 80 80 84 84	4 0 4 0 4 10 W 8 10 10	4 0 8 8 8 8 8 8 8 8 8	24 CS
# Σ !	* PINEDMONT * MALUDA * BOALUDA * BOA	SALIDA + 34 5 GREENVILLE SALUDA RIVER + 82 2 DUKE POWER COMPANY + 82 2	SCNNNAME23003 (NORTH SALUDA # 35 Greenville Water System # 82 2	THE FORKS * 34 5 GREENVILLE SALUADA RIVER* 82 W	BUZ7ARDS RODST-LAKE GREENWOO+34 1 GREENWOOD SALUDA RI VER+81 5 GREENWOOD COUNTY	40	4 (0 4 (0 to 10 (0) 10 (0)	40 W W W	40

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.05 PAGE 219 OF TABLE 1

### FRC NONECONOMICS ### FRC NONECONOMICS ### (BRC COMPOSITES ### (BRC COMPOSITES ### (BRC CR NANK) #### #### (BRC CR NANK) #### (BRC CR NANK) #### #### (BRC CR NANK) #### #### ##### ####################	## ## ## ## ## ## ## ## ## ## ## ## ##	0 0 0		0000	1000			0000	
	* * * * * *	. * * * * *				•	•	•	•
25 25	を を を を を を を を を を を を を を	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	66	24167 98.517	0.40 0.40 0.40 0.100 0.100	3004 8-44-8	00	7 2 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	MW 11.0
AMXINATION OF STATES OF ST	# # # # # # # # # # # # # # # # # # #	4.4 0.0 0.0 0.0 0.0 0.0	276551 * * * * * * * * * * * * * * * * * *	**************************************			74 44 44 44 44 44 44 44 44 44 44 44 44 4	W 00770 W 007770 W # # # # #	9 44.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
######################################	# # # # # # # # # # # # # # # # # # #	00000000000000000000000000000000000000	# # 000 P. 6 1	# # # # # # # # # # # # # # # # # # #	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	W W W W 24 A 0 W G 2 A A A A	612000 612000 612000		M 44 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
AXE SERVE SE	** ** ** ** ** ** ** ** ** **	4 4 4 4 80 0 4 90 4 81 0 4	2096000 2096000 209600000000000000000000	0004 0004 0004 0004	N	10000 174000 4 4 4 4 4 4	3655.0 x x 0.050.0 x x 0.050.0 x x 0.050.0 x x 0.050.0 x x x 0.050.0 x x x x x x x x x x x x x x x x x x	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
4 PURP AVE 0	######################################	E # # # # # # # # # # # # # # # # # # #	2700°078	HR HS NS SNSO _® OS *	##C 0909	TR 160.04	****** 000 M	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	K # # # # # # # # # # # # # # # # # # #
2000 2000 2000 2000 2000 2000 2000 200		34 0.6 3 4 0.5 3 4 0.5 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	81 130.0 81 130.0 84 84 84 84 84 84 84 84 84 84 84 84 84 8	84 20 20 20 20 20 20 20 20 20 20 20 20 20	34 15.8 81 20.0 4750	24 24 24 24 24 24 24 24 24 24 24 24 24 2	200 200 200 200 200 200 200 200 200 200	35 32 39 50 17 4 * * *	44 0 44 44 44 44 44 44 44 44 44 44 44 44
* * * * * * * * * * * * * * * * * * *	A Willy In A Church of the Chu	SALUDA RIVERA * AND GAS CD.	RRAV SALUDA RIVER * AND GAS *	8 0 4 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5	BROAD RIVER * * * * *	CHATTOOGA RIVA	KEDERE RIVER	AHHARAARA AHARA AH	CHATTODGA RIVE O
A ACTV DEP & PRIMARY CO. *NAME OF STREAM CODE: CODE & CODE: CODE & STLE & STATUS & S	MARKANANANANANANANANANANANANANANANANANANA	LEXINGTON S C ELECTRIC AL	SALIIDA#LAKE MURRAY LEXINGTON SALI S CAR ELECTRIC AND	BLA+R NEEBRERA	PARR SHDALS. Newberry S car elec and	CAMP CREEK OCONEE	LAKE JOCASSE OCONÉE DUKE POWER	LOWER WHITEWATER OCONEE W	* ROGHES FORD CHATTODGA RI
## TT	* * * * *	4 0C40AC0766 4 4 4 CTC 0760 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	SCISACOMIS A SCIONIS A SCOONES A SCOONES A SCOONES A SA SCOONES A SA	* * * * * * * * * * * * * * * * * * *	* SCISACO119 * * SCOO110 * * 2 DRC *	* SC78AS0100 * SCU0025 * * 6 DRC D *	SCLSASO105 ** SCOO529 ** UR DRC D **	# 8CU0026 # 8CU0026 # # 2 0RC I #	* SC 100000 * SC 1000000 * SC 1000000 * SC 1000000 * SC 100000000000000000000000000000000000

DATE 15 FEB 81 NATIONAL HYDROELECTRIC PUWER STUDY TIME 01.19.05

L DOXZE		****	*****	0000 0000 0000	***** 00 00 01	*****	****	0000	W M M M M M M M M M M M M M M M M M M M
		•	• 6	•0	•	• • • • • • • • • • • • • • • • • • • •	• 0	°C	° c
	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00	M W W W W W W W W W W W W W W W W W W W	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	50.00 50.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	で で で で で で で で で で で で で で で で が で が で
* * * * * * * * * *	K K K COM C COM C C C C C C C C C C C C C C C	* * * * *		4 4 4 4 4	00 00 00 00 00 00 00 00 00 00 00	76481 44 44 44 44 44 44 44 44 44 44 44 44 44	W W W W W W W W W W W W W W W W W W W	20 CU 20 CU	90107 4 4 70109
440	2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 0000 FRI 1 # 0 000 FRI 1 # 0 000 FRI 1	6.00 6.00 7.00 7.00 7.00 7.00 7.00 7.00		10600	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	12 14 46 00 00 00 00 00 00 00 00 00 00 00 00 00
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	in in m	286000 286000 27.00 24.44	* * * * * O O O O O O O O O O O O O O O	4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M M M M M M M M M M M M M M M M M M M
24 A A A C A C A C A C A C A C A C A C A		CRSG # 81 671.04	1120 070 650 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 S S S S S S S S S S S S S S S S S S S	10 60 60 7	# # # # # # # # # # # # # # # # # # #	O I I I I I I I I I I I I I I I I I I I	2 H S S S S S S S S S S S S S S S S S S	N
LANGE COS	* * * * * * * * * * * * * * * * * * *	00 M 00 00 00 00 00 00 00 00 00 00 00 00	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	8 3 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	81 4 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	834 834 834 834 8336 8336 8336	* * * * * * * * * * * * * * * * * * *
Σ	CHATTOGGA RIVA	NORTH FORK ED	E KEOWEE RIVER	TABLVE MILE C	ER INC. TWELVE MILE C	880A0 CA CA	BRUAD RIVER	BROAD RIVER	w
	K K K K K K K K K K K K K K K K K K K	TRACKSTON ORANGEBURG	LAKE KECKE PICKENS DUKE POWER	NO. 1 DAN PICKENS DAN RIVER	NO. 2 DAN PICKENS DAN RICERS	COLUMBIA RICHLAND S C ELECT AND	COLHMBIA	FROST SHOALS RICHLAND	LOCK/DAM #1 RICHLAND
# # # # # # # # # # # # # # # # # # #		# 00.06.08 ACO 7555 # # W 07.00 # # # # # 07.00 # # #	00100400100 00100400 00100400	4 OCNONANATION 4 4 1 OCNONANATION 4 4 1 OCNONANATION 4 4 4 1 OCNONANATION 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	SCMSASOMOL **	* SCJSAC0124 * SC01364 * SC01064 * * SC01064 * * * * * * * * * * * * * * * * * * *	* SC6SACO450 * * * * * * * * * * * * * * * * * * *	* SC6SACO120 * SC6SACO120 * SC10001 * SC10001 * S SC10001 * S S S S S S S S S S S S S S S S S S	* SC4SACO763 * LOCK/DAM B1 * A RICHLAND CONGAREE AT

DATE 15 FEB 81 NATIONAL HYDROELECYRIC POWER STUDY TIME 01.19.05 PAGE 221 OF TABLE 1

3 6	Ε		OND CO.	****	A VE. 6	DIALA	HH DH DH DH DH DH DH DH DH DH DH DH DH D	# TOT ENERGY # COO CONTROL OF CON		* * * * *	4 (
TOOK / DAM HON	AKASAKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	* M C * M C * * * * * *	* 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# 22 PM # # # # # # # #	# # # # # # # # # # # # # # # # # # #	* 000 m	**************************************	# # # # # # # # # # # # # # # # # # #	**************************************	* * * * *	0
LOCK/DAM #3 RICHLAND	CONGAREE RIVE*	M C M ED	0 11 0 0 4 0 0 0 0 0 0 0	2 H :****	. # # # C # C # # # # # # # # # # # # #	M 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 90 00 00 00 00 00 00 00 00 00 00 00 00		51196 64.0474	° °	0.e. 2000
REREGULATOR RICHLAND	CONGAARE	M M 40 * * * * * *	12.4 4.4 4.10	IH::***:	2 W # # # # # # # # # # # # # # # # # #	00 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	C 01 01 01 01 99 01 01	1740000	6 km 6 km 6 km 6 km 6 km		n. 2000
BERRY SHOALS D SPARTANBURG STARTEX MILLS	## ###################################	57 N) M 60	53.2 6.2 100		0 0 0 0 0 0 0 0	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	21015 4 4 0 1 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		742. 46. 164	•	1000
BURNT FACTORY Spartanburg	146ER RIVER	ST +++ Mi dD	44 49 40 40 40 40	IH:	UH # # # # # # # # # # # # # # # # # # #	10 00 00 00 00 00 00 00 00 00 00 00 00 0	0 99 99 99 99 99 99 99 99 99 99 99 99 99	M M 20 40 20 40 0 M M 0 M M 0 M M	31.36 6.66 6.60	•	000 m
CLIFTON NO 1 SPARTANBURG DAN RIVER MILL) 1 ** PACOLET RIVER* MILLS INC **	M 00	82 42 80 42 80 40 40	IC:	AH AH GG A A A N A A A N	0 0 0 0 0 0 0 0 0 0 0 0	1857 1857	* * * * * * * * * * * * * * * * * * *	VI 4. VI W. • • • • • • • • • • •	, , ,	•
CLIFTON NO 2 SPARTANBURG PACO DAN RIVER MILLS INC	PACCLET RIVER*	₩ 80 \$ ₩	10 4 2 5 10 2 6 0 2 6 0	****	07.07 00 00 00 00 00 00 00 00 00 00 00 00 0	20 4 4 4 4 20 0 4 20 4 20 4 20 4 20 4 20	111000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #		•
CLIFTON NO 3 SPARTANBURG DAN RIVER MILS	PACOLET **	M so	88.9 80.8 1.8 1.8	20. 10.	0. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	w n 44.0 60.0 NON	0 80 80 W W W	* * * * * * * * * * * * * * * * * * *	0.0 0.0 0.4 0.0 0.0	°	1000
FINGERVILLE RE SPARTANBURG	SACO742 # FINGERVILLE RESERVOIR # PACOLET* DRC * SPARTANBURG NORTH PACOLET*	ម្ច	00 == 0 0 4		10 190,04	1 W 4 9 0 0 4 4 4 0 0 0 0 4 4 4 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* * * * † *****************************	24 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		•

CATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,06

SERVINE SERVIN SERVINE SERVINE SERVINE SERVINE SERVINE SERVINE SERVINE SERVINE	在	2000	000	1000	•	1000	0 0 N	•	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	* ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	ċ	° C	· ·	° C	° C	•	0	0
	# 6 # 0 #	°	Ö	0	* * * * * * *		0	****	
		0 0 0 0 0 0 0 0 0 0 0 0	M W W W W W W W W W W W W W W W W W W W	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	o c	######################################	2009 109 41	90% 11% 88	0 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
######################################		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		**************************************	* * * * * * * * * * * * * * * * * * *		*****	* * * * * * * * * * * * * * * * * * *	
E O DESE E O O C O C O C O E C C O C O C O C O C O C O C O C O C O		0 M M	333	0 4 4	000	Cop or	0 40 0 40 0 40 0 40	M W W W W W W W W W W W W W W W W W W W	N 37 4 20 6
# # # # # # # # # # # # # # # # # # #		M M M M M M M M M M M M M M M M M M M	M	4 4 4 4 4 0 3 6 9 8 3 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8	20 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2000 2000 2000 2000 2000	444 WW44 000		11600 0000 0004 0004
	* * * * *	* * * * *	****	***	* * * * * * ·	* * * * *	* 4 4 4 4		****
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	ня пр 620	8 UC 453.	100 100 1008	8H OP 150.	88 CC C	110 7 01.	66 10 10 10 10 10 10 10 10 10 10 10 10 10	A NO
* C & * * * * * * *	**************************************	8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 N N	108.	150	C	701.	. E	* * * * *
* C & * * * * * * *	# # # # # # # # # # # # # # # # # # #	4.6.2 × × 4.6.0 × × × 6.20 •	3,5 ± 4,5 ±	5.88 CT 108.	* * * * * * * * * * * * * * * * * * *	345 6.5 x 320 820 4.0 4 0.0 4 0.0 4 0.0 4 0.0 4 0.0 4 0.0 4 0.0 4 0.0 4 0.0 4 0.0 6	M4 555.2 * I 450 * I 4	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
**************************************	######################################	* M4 95.0 * HR TRIVER* 81 24.50 * DP 4 46.0 * CP0	* MS	1 CER * CER * TE CER * C	VER R* 35 6.5 * SH COLET* 81 58.1 * OP 93 * 150	1.4 4 30 5 4 30 5 4 4 30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	* 34 55.2 * I	# # CEO # # # # CEO # # # # # # CEO # # # # # # # CEO # # # # # # # CEO # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
A TONG A PROPERTY OF A PROPERT	A CONOTA A C	* 34 55° 2 * HR RIVER* 81 44° 2 * OP 460 * 620°	# 35 30 # 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	17	R R & US 6 5 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5	A	A 14 55.2 A H A 145.0 A 18 A 45.0 A 18 A 450 A 10	# # # # # # # # # # # # # # # # # # #	# NW WW 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.06 PAGE 22% OF TABLE 1

# FM 10 NO # # P	ID NO * PRIMARY CO NAME OF STREA CODE * ILE * ATUS *	A X A X A X A X A X A X A X A X A X A X	X .	28668	ثما ت	****		X X X X X X X X X X X X X X X X X X X	144 144 145 145 145 145 145 145 145 145	TINTOLOGIANUL COOM SHOULD MODULATION OF THE COLORIDA COLO	C	* * * * * * * * * * * * * * * * * * *		FROM ROLL ON THE CONTROL ON THE CONT
X .	ACALCAN TO THE TANK TANK TANK TANK TANK TANK TANK TANK	在	* EN * EX * * * * *	* 4 4 * 4 4	# # # # # # # # # # # # # # # # # # #	***	* * * * * * * * * * * * * * * * * * *	# 44 00 0 # 40 0 0 0	# 0 M M 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	** MIN-00-000	**************************************	* * * * * * * * * * * * * * * * * * *	* 0	
8638AG0140 8601059	* LOCKHART * UNION * LOCKHART POWER	BROAD RIVER R COMPANY	0£	2 44 2 44 2 40 40	24.9	****	100 000 W540 0444444444444444444444444444	에 네 화 작년 네 * 0 *			60	*****		•
SCISACO139 SCO1058	* NEAL SHOALS * UNION * S C ELECTRIC *	BROAD AND GAS CO	****	N. 00 21 ~ 1 10 01 01	146.4 146.4 146.8 0.00.00	****	## # O # O # O # O # O # O # O # O # O	M & W		######################################	718.44	0	ċ	8000
SC68AC0759	TYSER RIVER	TYGER RIVER	****	W W	M W W W W W W W W W W W W W W W W W W W	IO ****	A C B M C I I	0110 0440 0440 060	1440 10 10 10 10 10 10 10 10	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8008 1 W1	* •	ċ	0 0 N
SC6SACO748	M THE STATE OF THE	ENDREE AND	*****	₩ ₩ ₩ ₩ ₩ ₩	0.00	IH	HC IS 1200.001	107 702 708 84 80 84	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		10031		•	9008
8068AC0141 80CU0029 *	GREATER LOCKHART YORK B	IRT BROAD RIVER	****	4 m 60 4 m	2 8 8 8 8 8 9 4 4 9 4 9 4 9 4 9 9 4 9 9 9 9	IH	TOTA NO NO N	110000 110000 110000 110000	44 44 80 80 80 90 90 90 90		114.720	•	•	2000
SCIISACO128 SCOO687 S DRC **	LAKE WYLIE YORK OUKE POWER CO.	CATAWBA	***	En ⊶ Pn so	**************************************	£6	0.0 14 0 0 0 0 0 0 0	0 0 M 0 0 M 0 0 M 0 0 M 0 0 M 0 M	00000		00	•	ċ	•
SC68AC0730 * SCU0010 *	* SC68ACO730 * SUGAR CREEK * SCUO010 * YORK CATAWBA RIVE	CATAWBA RIVER	****	at co m ap	20 M M M M M M M M M M M M M M M M M M M	x H	8 * * * O * N 40 *	9M-44 9M-44 14-00-44 14-4-44	C A! R! O D' M D' O A! A!		4 N 6 N 6 0 6 0 8 0 8 0	• • • • • • •	•	

				.* -
				-
				- - -
				4 -

£ a. **>**

ш	-	
ن ــ	Z	
⋖	int	
U	Σ.	
973	a .	
	0	
نـ.	د	
_	iu)	
⋖	>	
E	iul.	~
en en	0	•
U	J	Ö
		×
_	>	~
⋖	G	٥
z	ac.	
0	12.5	I
₩.	z	-
_	tai	·
,	_	0
0		
9	a	
⋖	Z	
_	⋖	is.
		O
œ	>	
0	-	لدا
i.	—	-
	Ü	•
د	∢	-
⋖	a.	93
→	< <	
-	Ü	
z	_	ш
w		I
<u> </u>	ပ	-
.	3-4	
D.	œ	z
_	}	₩
	u	• •
_1	u	
⋖	_3	
U	ie.	
₩	9	
တ	œ	
>-	\Box	
*	>-	

***		* H 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4					0	(S 0)
***	E E	* D Q M	0	0	0	0	o o	NS S AN
***	E XX	* * * * * * * * * * * * * * * * * * *	0				0	
* * * * *		* * * * * * * * * * * * * * * * * * *	K				* * * * * 0.0 * 0.0 0.0 0.0 0.0 0.0 0.0	S C S C S C S C S C S C S C S C S C S C
***	***	* * * * * * * * * * * * * * * * * * *	* * * * * O * O C		* * * * * * * * * * * * * * * * * *	0	*****	A P P P P P P P P P P P P P P P P P P P
******	3 X In	* * * * * * * * * * * * * * * * * * *	* * * * * * O	* * * * * * * * * * * * *	* * * * * 0 * 0	0 0	*****	7 (C)
1	· •	* * * * * * * * * * * * * * * * * * *	****	0 0	* * * * * • 0	0 0	* * * * *	2 Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
********	; 4	* * * * * * * * * * * * * * * * * * *	0 0	****	0	0	* * * * *	7 KD
**********		*	****	*****	*****	* * * * * * * * * * * O	*****	作の作品 (大学) (大学) (大学) (大学) (大学) (大学) (大学) (大学)
*	NO TE	* * * * * * * * * * * * * * * * * * *	0 0				0	к ш. к
**********	10 32 33	* * * * * * * * * * * * * * * * * * *	0		* * * * * * * * * * * * * * * * * * *		0 0	2
2. 张	· · · · · · · · · · · · · · · · · · ·	* * * * * * * * * * * * * * * * * * *	* * * * * * o • o	0 0	* * * * * • • • • • • • • • • • • • • •	0	C C	
***	* * *	* F T T T T T T T T T T T T T T T T T T	* * * * * * * * * * * * * * * * * * *	*				7 X X X X X X X X X X X X X X X X X X X
****	3 វ	* * * * * * * * * * * * * * * * * * *	* * * * *					INSTALLED CAPACITY A
****	35 SE	# # # # # # # # # # # # # # # # # # #	0 0	K				ST XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
* * * * * *		* W W W W W W W W W W W W W W W W W W W	* * * * * * * * * * * * * * * * * * *				* * * * * * * * * * * * * * * * * * *	. H11
* * * + 4	* * * · ZO (531 HZ		N	* * * * * * * * * * * * * * * * * * *	**************************************	# * * * * * * * * * * * * * * * * * * *	10:
		* * * * * * * * * * * * * * * * * * *	6	69-06	66 - 05	00	T01A	t K K

ADDITIONAL 02 ⊃ 14 OTENTIAL O. PHYSICAL

⊢ Z	
ie.)	
£	
D.	
9	
ئ ـــ	
i ki	
>	_
ı.	4
0	
	Ā
>	~
<u>.</u> ق	۵
ez.	
a)	I
z	•
£.	3
	0
_	60
≏ ≈	
e	is.
_	0
	_
>	
-	is i
-	-
ن 	⋖
⊲	5
⋖	•
ر د	
_	11.8
	I
ပ	-
-	
œ	z
-	بسو
L) L)	
Lil	
_ _	
œ	
<u>α</u>	
> -	
r	

## GREATER TYPAN 25 ME		******	· · · · · · · · · · · · · · · · · · ·	****	***************************************
NOT NOT	X SO	en 1	(27) - 1 	00 € 4 * * * * * * * * * * * * * * * * * *	10
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M POND M	. 4	M	M	EXIONAL EXIONAL ENDERS TO TANK EXIONAL INCOME POTENT INCOME INCOM
			* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
		00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************	
**************************************			**************************************		
		*		######################################	

DATE 15 FEB B1 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.06



SCALE S 24 A L. L. ADDITIONAL 22 D POTENTIAL PHYSICAL ≻ I

F N B E O D B N B N B N B N B N B N B N B N B N B	
A C)	u.
CAPACITY	THE STATE
	Z

	F-0			***			PUTENTIAL		INCREMENTAL	CAPACITY	ON TANGER	が *** の ***	***	**************************************	***	****	* *
14. H Z'	* * * * <	***	************	**************************************	***	* * * * * * * * * * * * * * * * * * *	# X X X X X X X X X X X X X X X X X X X	10 XX	T .		: I	10 T	: +	•	Σ .		1
. ww - -	**** **** *****	* * * # # # # # # # # # # # # # # # # #	**************************************	######################################	* * * * * * * * * * * * * * * * * * *	EXHOURS IN CONTRACT IN CONTRAC	**************************************	# # # # # # # # # # # # # # # # # # #	* *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	CND A	* * * * * * * * * * * * * * * * * * *	**************************************	**************************************	UNDU WENT WENT WENT WENT WENT WENT WENT WENT	4 H D H H H H H H H H H H H H H H H H H
* 0	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*****	**** **** ** **	* * * * * 0	* * * * *	*****	***** *****		* * * * * *	****	0 *
* 6	4	******	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* .	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *			0		0			* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	• 0 # 0 #
* 00 * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* ***** * ***** * ***** * *****	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	* Bl - 4 * Bl - 1 * G1 -		********* ******** ******* ******* ****	# # # # # #M) OM or		****	0 0	OM 4		* * * * * * * * * * * * * * * * * * *	* 0.00 * 0.00 * 0.00 * 0.00
* C	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0	*	*	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *								* * * * * * * * * * * * * * * * * * *	** **
***** TOTAL	* * * * * * * * * * * * * * * * * * *	* * * * * * * * ° ° ° * ° ° * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*			0 M	C	***** **** ****	* * * * * * **************************	0 M 0 M 0 M 0 M 0 M	2	# # # # # # # # # # # # # # # # # # #	ี พ.ศ. พ.ศ.
* *	COLUMN COLUMN COLUMN	* # # # # # # # # # # # # # # # # # # #	* HONE *	**************************************		EXISTING DAM EXISTING DAM ONDEVELOPED	# # # # # # # # # # # # # # # # # # #	* U W	# # # # # # # # # # # # # # # # # # #	## ## ## ## ## ## ## ## ## ## ## ## ##	*	## ## ## ## ## ## ## ## ## ## ## ## ##	CAPACITY (GIVEN HEAD	EAU DANGE	COLUC	MNS 2 AND AWATT) ATT HOUR)	

D R V R L C P M R N T ADDITIONAL F N F S G × ax ⊙ 3⊾ Z POTENTIAL CAPACITY PHYSICAL HYVORUELECTRIC

0 STATE ш I

m < 0	* * * * + 0 + + 0 +	***	***************************************	*	4 4 4 4 4		5	IALI	E S	S S	ITY RANG	((((((((((((((((((((**************************************	· 会	* * * * * * * * * * * * * * * * * * *	**
H Z	* * * * ZQ	**	20°	3 * * * * * * * * * * * * * * * * * * *	* **		K 2 4	* 3 4	* 1	* (3)	* * * * * * * * * * * * * * * * * * * *	* X X * X X	**************************************	***	******	***	
# + 14 # # # # #	*	**************************************	FX TS	UNDERVA POTENA W CAPA	1014 1207 2 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			250	10 A A A A A A A A A A A A A A A A A A A	K M Z U +	* X X X X X X X X X X X X X X X X X X X	* 2 - 0	* * *	**************************************	* * * * * * * * * * * * * * * * * * *	UNDERVA POTENA G CAPA	4 # # # # # # # # # # # # # # # # # # #
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*****	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	000	* * * * * 0 0 0	00	00	****	k = 40 .	* * * * * * * * * * * * * * * * * * *	# 10 # 10 # 10 # 10 # 40 # 40 # 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*	* 000	* 80 * 80 * 80 * 40 * 40 * 40 * 40 * 40 * 40 * 40 * 4	# 10 # 50
00 * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*****	* * * * * * * * * * * * * * * * * * *	* * * * * * 000 * 00 *	CO *		****			* M-	7 • •		*	* * * * * * * * * * * * * * * * * * * *	* 000	* * * * * * * * * * * * * * * * * * *	* NICLOS K OLEO * PH.PT
00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		กัส เกิ	000		*****	k ∩1		# COO c	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 00	W W W W W W W W W W W W W W W W W W W
C #	* * * * * * * * * * * * * * * * * * *		000	* * * * * * * * * * * * * * * * * * *		000 000 000 000 000				* OOO OO OO OO OO	# * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* # # # # # # # # # # # # # # # # # # #	* 000
TOTAL	* * * * * * * * * * * * * * * * * * *	0 M	*	K	* OUD + * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* Out	* • •	* ** ** * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* MO * WO	* 300 * 000 * 000 * * * * * * *	* 00 00 00 4 00 00 00 4 00 00 00 4 4 4 4	100-900 H H H H H H H H H H H H H H H H H H	* * * * * * * * * * * * * * * * * * *	# # W # # # # # # # # # # # # # # # # #	000 x 000 x 000 x 000 x 000 x x 000 x
**************************************	COLUMN COLUMN COLUMN	— 02 M2 -	EXISTING A AODITIONAL UNDEVELOPE	VOROPO POTEN 0 POTE	ER DEVE TAL AT TIAL	EXISTIN	DAMS	E CAPLUM Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	2 11 H 2 2 H H 3 H NO NO	*	* HU 0 * HU 0 * HU 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	A*************************************	COUM OF COUM OF COUM OF CANGE	**** COLL CMEG	MAS & AND AWATT)	******

FM 1 IO NO * CODE CODE * FILE * STATUS *		ER OT STREAM	* * * * *	ONG THE CO	****	21-1-10 21-10 21-10 31-1	* * * * * * * * * * * * * * * * * * *	HH- HO HO HO HO HO HO HO HO HO HO HO HO HO	# HNO 0 C C C C C C C C C C C C C C C C C C	S S S S S S S S S S S S S S S S S S S	***	GROCONOMICS GROCONOMICS GROCIENCE RANK) & (OREDUENCE RANK) &	20048 20348 20348 24033
**************************************	**************************************	A * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * *	# # # # # # # # # # # # # # # # # # #		* 00	**************************************	* * * * * * * * * * * * * * * * * * *			
TNIDRNDO97 TNDO906 TNDOPC H	CALDERWOOD LAKE BLOUNT TAPHCO INC.	HTTLE TENNE	M CO M CO S R R R R S O	0 80 0 80 0 80 3 80 8	***	######################################	000 000 000 000 000 000 000		1	0 0	C	å	å
#WIDRNOO96 * # TNOO905 * # S DFC I *	CHILHOWEE LAKE BLOUNT TAPOCO INC	CH44CE 4ERNE	* * * * * * * * * * * * * * * * * * *	1979	***	E C C C C C C C C C C C C C C C C C C C	200 200 200 200 200		M W W	CO	6 O	Č	
# 1000000 # 1000000 # 1000000 # 10000000 # 100000000	MOUNT NEBO BLOUNT	LITTLE RIVER	****	44 40 00 00 00 00 00	***	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1.04 1.00 1.00 1.00 1.00 1.00 1.00 1.00	000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	°	c	•
TN6GRNOO94 * TNUO023 * ORC I *	NALE CREEK BLOUNT TVA	LITTLE RIVER	* * * * * * * * * * * * * * * * * * *	2 NU 8 W U • • • • • • • • • • • • • • • • • • •	食物物物	公会を会を OT M の エト	7 10 00 00 00 00 00 00 00 00 00 00 00 00	NN 000	4444 04- 04- 04- 04- 04- 04- 04- 04- 04-	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0	° C	ő
TNADRNOO98 * TNO1302 * TNO	NORDIG LAKE CAMPBELL TVA	CLINCH RIVER	* * * * * * * * * * * * * * * * * * *	2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	存货券券货	OTE SE SE S	N	1008001		00	· •	ů	ő
TNYCRNOIOS & TNUCOS¢ * SO DRC I &	CARTER TVA	ELK PYVER	00 ⊶ 10 00 8 # # # # #		9 14 14 14 15 E	2. 100 to	- N - 00 - 00 - 00 - 00 - 00 - 00 - 00 -			20 80 20 80	\$ O	ů	Š
4N7DRNO102 A TRUCOSE A TRUCOSE A DRC I A A E	CARTER CARTER VA	00 0 8 1 × 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	* * * * * * * * * * * * * * * * * * *	- 0 - - 0 - - 0 0 -	***	8 2 2 2 2	# 0 0 0 4 0 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0	000 34 000 440 440	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M 40 44 40 64 6		e e	
* TNTORNOIO1 * PINE CAMP * TNUOD20 * CARTER * ORC I * TVA	PINE CAMP Carter TVA	ELK RIVER	* * * * *	~ & W & * • 4 4 ~ &	* 4 4 4	8 8 8 8 C C G S I H	000 000 000 000 000 000 000 000 000 00	8 8 8 8 O M A O R O R O R	M W W W W W W W W W W W W W W W W W W W	~ 12 W ~ 2 W ~ 3 W & W	6		2000

DATE 15 FEB 81 NATIONAL HYDROELECTRIC PUMER STUDY TIME 01.19.06 PAGE 226 OF TABLE 1

	***	***	***	* * * * *	***	***	***	****	****
ANTON		•	·. •	, • O	2000	2000	•	1000	0
	## ## CO ## ## ## ## ## ## ## ## ## ## ## ## ##	•	•	•	e ·		e e	•	0
	*			•	•	•	•	•	
	*****	****	* * * * *	****	* * * * *	****	* * * * *	****	* * * *
10 BI	# C C C C C C C C C C C C C C C C C C C	00	ŎO	3724.5 80.71	7970.S 68. 49	10837	<u> </u>	425.63	11 M 11
	# · · # #			M- 40	F G	'n		4 M	37 (U 4
		29479	166000	4 4 4 4 4	117129 # # 901711	######################################	1.00 4.00 M.1.00	1119000	
XZO	k k k			. سند مد سد سد					
440	0 0 0 0 0 0 0 0 0	10700	00099	16226	71389	0 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	iu iu 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 MM N. N. O 0 40	61001
ATC HOP POP POP POP POP POP POP POP POP POP									# #
24444 250 250 250 250 260 260 260 260 260 260 260 26	2718 2718 2718 2718 2718 2718 2718 2718	64.44 0.00 4 * * * *	70°0°0 19°0°0°	4 10 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	195.0 171.8	1650000 169.8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	176000 1476 6 8 8 8 8	*****	1 M S 0 1 4 M S 0 1 4 M S 0 1 4 M S 0 1 4 M S 0 1 4 M S 0 1 4 M S 0 1
OX T			\$			- W	707	₩*	
	# M M M & 4 M M M M M M M M M M M M M M M	## CO	12 P P P P P P P P P P P P P P P P P P P	HCR PA 1190.001	# # # # # # # # # # # # # # # # # # #	IS ROSS ROSS ROSS	HCR OP 0 11 10 10 10 10 10 10 10 10 10 10 10 10	C	を存在をできる。 まつののののののののでは、 というのののののののののののののののののののののののののののののののののののの
C.		****		****	* * * * *	****	* * * * *	****	* * * * *
CATITUDE CO M.N.)	80 80 80 80 80 80 80 80 80 80 80 80 80 8	00 7.4 1.11	18.9 13.1 14159	15. 11. 854	N N N 00 40 N N N	88 . 6 . 6 . 6 . 6 . 6 . 6 . 6 . 6 . 6 .	32.3 97.1 936	14°1 14°1 14°1	2 0 0 10 4 6 64 4 W W O 4
٠ ١	# # # # # # # # # # # # • • • • • • • •	40 Al	W 0	9 h m 60	M in	% K	W 80	M 40	M CO M
00 34 44 74		HATAUGA RIVER	CUMBERLAND	DAM HARPETH RIVER	POWELL RIVER	CLINCH RIVER	OBEY	DUCK RIVER	1000010 1000010 1000010 1000010 1000010
: <u>O</u>	**************************************	WILBUR LAKE CARTER TVA	CIESATISM CIESATISM DAEN ORN	THREE ISLANDS D CHEATHAM DAENHORN	CUMBERLAND GAP Clatborne TVA	WAR RIDGE CLATBORNE TVA	DALE HOLLOW CLAY DAEN DRN	NORMANDY DAN COFFEE TVA	HARTFORD COOKE TVA TVA
E E C C C C C C C C C C C C C C C C C C	ž.	A TNIDRNO1055 A TNO1904 A B DRC I A A	TNGDRNO107 TNG2101 6 DFC I	TNEORNOLOS TNUOOLS 1 DRC I	TN4DRN0109 TNU0036 2 DRC I	TN6DRND108 TNUO014	TNIORNO110 TNO2702 5 SCP I	TNCORNO200	**************************************

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.07 PAGE 227 DF TABLE 1

	********	•			•		•	1000	C C C C C C C C C C C C C C C C C C C
<u>ස</u> න උ	# # # # # # # # # # # # # # # # # # #			 	•	•		<i>.</i>	•
F 60	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	82 44 64 64 64 64 64	N	6 0	ÇO	7 W W W W W W W W W W W W W W W W W W W	00	80 80 80 80 80 80 80 80 80 80 80 80 80 8	6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00
以底に			** * * * * * * * * * * * * * * * * * *		6 8 11 10 0 0 11 10 0 0 0 0 0 0 0 0 0 0 0	TAR AND	* * * * * CO O O O O O O O O	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TERM
EEEC .	# # # Philipped	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1		000000000000000000000000000000000000000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 000 000 000	4440 0440 0440 0440	
E	# # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		000 000 000 000 000 000 000 000 000	0.00 0.00 0.00 0.00 0.00	00000000000000000000000000000000000000	60000000000000000000000000000000000000	# # # # # O O O O	80 60 80 60 80 60 8 8 8 8
1 4 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		I H 80 01 01 01 02 01 01 01 01 01 01	# # # # # # # # # # # # # # # # # # #		INCON OD OD O	######################################	2	SCR OP # # 490 # # # # # # # # # # # # # # # # # # #	****
	K & & & & & & & & & & & & & & & & & & &	30 M M M M M M M M M M M M M M M M M M M	20 00 00 00 00 00 00 00 00 00 00 00 00 0	36 99 99 99 99 99 99 99 99 99 99 99 99 99	86 17 80 18 18 18 18 18 18 18 18 18 18 18 18 18	15 US 44 US 44 W 44 W 44 W 44 W 44 W 44 W	N 9	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	M M M M M M M M M M M M M M M M M M M M
E	****	TRENCH BROAD	DADD Y G CREEK * *	* * * * * * * * * * * * * * * * * * *	CLMBERLAND **	CANETY YES	# # # # # CC CU >> CC	M α0 **** α Δ Δ Δ	M * AND MINOR AND A SERVICE NOTICE NO
•	COUKE PREECH BROATTA	OLD TOWN CONKE	DADDYS CREEK CUMBERLAND TVA	C PERCY PRIEST DAVIDSON DAEN ORN	DLD HICKORY DAVIDBON DAEN DRN	CENTER HILL Dekalb Daen orn	TIMS FORD LAKE FRANKLIN	WOODS REGERVOIR FRANKLIN DOD USAFF	BEAVER CREEK GRAINGER TVA
ACTV DOEP * CODE * CODE CODE CODE CODE CODE CODE CODE * CO	ANDONALA *	TNADRNO11W * TNUOD21 * ORC I *	TN6DRNO116 * TNUO035 * TNUO035 *	A LOLONTOINT A LOUGHOUT A LOUGHOUT A L GOOD R	TNGORNO120 * TNOSTOR * S DFC I *	TNIORNO122 * TNO4102 * S SCP I *	TNIDRNO124 * TNO5102 * S DFC I *	TNCORNOLDS # TNOS101 # Z ORC I #	TN6DRN0129 * TNU0040 *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.07 PAGE 228 OF TABLE 1

# # # # # # # # # # # # # # # # # # #	# # # O O O O O O O O O O O O O O O O O	*****		*****			****	@ # # # # O	
* 6	* * * * * * * * * * * * * * * * * * *	• •	•	•	• ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	*0	•0	• 0	• 0
* F *FØ *ØC CC	**************************************	6 W G W G W G W G W G W G W G W G W G W	00	60	6 C	0-10 10 10 210 210	* * * * * * * * * * * * * * * * * * *	****	2000 2000 2000 2000 2000 2000 2000 200
* MM * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1007001 100700 100700 100700 100700	# 00 M L 9 8	000	1363200 *	# # # # # # # # # # # # # # # # # # #	ON MI ON MI ON MI ON MI	53 S S S S S S S S S S S S S S S S S S S	
- XXX - 0333 - 445 - 66 -	STATE OF STA	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	108000	1500000 **	# # # # # # # # # # # # # # # # # # #	5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M IN	120000 120000 1200000 14444	10 to 00 to
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	11000 77000 1002 1003 1003	136100 1361000 1361000 1444000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*****	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10000 10000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	175°0 1941000 4 4 0 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	**************************************	TH SO. OH.	A TON ON ON S	IO	27. 20. 27. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20	TH SH	# # # # # # Ou @ ei III	CHNR CP CP # # 0040 # # # # # # # # # # # # # # # # # # #	A 4 4 4 0 0 0 1
CONGITUDE ** CO M.M. M. M	E (*) (0)	M M M M M M M M M M M M M M M M M M M	85 13°7 *	EU E	M & & & & & & & & & & & & & & & & & & &	0 00 00 00 00 00 00 00 00 00 00 00 00 0	M W W W W W W W W W W W W W W W W W W W	* * * * * * * * * * * * * * * * * * *	60 10 10 10 10 10 10 10 10 10 10 10 10 10
LENER OF SHERE	AY NOLICHUCKY RIM **	NOLICHUCKY RI*	A TELES OF T	TONNESSER AND A STORAGE AND A	* * * * * * * * * * * * * * * * * * *	HOLGHON RIVERS	DUCK 7010CK 7010CK	A A RIVER NOTOLICE A A A A RIVER NO TO LO	DO AN CREEKE
PROJECT NAME PRIMARY CO. INAME A PRIMARY CO. INAME A **	VERNE GENERAL	LOWER NOLICHUCKY GREENE TVA	CHICKAMAUGA LAKE Hamilton tennesser TVA	RACCOON M4. PUL	PICKETCK LAKE HARDIN TVA	SURGOINSVILLE Hawkins Tva	TOTTY HICKMAN TVA	CHEROKEE LAKE JEFFERSON TVA	* TN4DRN0142 * HOPPER CREEK * TNUO030 * JOHNSON ROAN CREEK * 50 DRC 1 * TVA
* * * * * * * * * * * * * * * * * * *	12602201311 # 17800340 # # # 0500340 # # # # # # # # # # # # # # # # # # #	# TNTORNO130 # TNU0026 # # 6 DRC I # #	TANIORNO1344 * TANO6504 * S OFC I *	# # # # # # # # # # # # # # # # # # #	TNIORNO136 * TNO7101 * TNO	TNEGRNO137 # TNUCO17 # TNUCO17 # # C DRC I # #		# TNIGRNO141 # # TNOS9004 # # # 10 0 # 0 # # # # # # # # # # # #	* TN4DRN0142 * TNU0030 * * 5 08C 1 *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.07 PAGE 1

SE S	* * * * * * * * * * * * * * * * * * *	0000			****	***	000	*	***
* U D	# (V) # :	٠ •	•	0	0	0		0	C
* & & & & & & & & & & & & & & & & & & &	# # # # # # # # # # # # # # # # # # #	C	ċ	ċ	ċ	ċ	ċ	ċ	
** ***	* * * O *	*****	****		****	****	° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	* * * * *	0
100 00	* N C * N C * N C	100	M 40 •40	00	Ö 0	00	47	20 8 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	60
* .6 6	# W W W W W W W W W W W W W W W W W W W	W 167	2 1 8 4 10 4 10 4 10 4 10 4				140	4 W	
* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	044 044 044 044 044	000	****	200	044 044 000	000	0000
K M M C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	N N 240 440 80 80	M W	006808	258181 0 258181	668400 004866	N N III	14026 14026 14026	1061800
		# # # # # # # # # # # # # # # # # # #	770	808	808	000	1780	3081 *	000
		in in	17477	135600	72000 0 72000	97200	714 714	4 4 W W	153300 4 008831 4 008831
*****		*****	000	****	****	****	****	****	****
E F C F C F C F C F C F C F C F C F C F	2 000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	7 N	# 9 # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	104 104 105 105 105 105 105 105 105 105 105 105	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	00 00 00 00 00 00 00 00 00 00 00 00 00	6 00 54 10 00 54 10 00 54	1175000
	, O , N	****	* * * * *	****	****	* * * * *	****	* * * * *	* * * * *
	# H & H & H & H & H & H & H & H & H & H	1 H + 4 G + 4 G + 4 G + 4 G + 6 G +	118 1190	NCHR DP 114071	NH 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 PE	1870,	ж 8 8 6 0 8	* * * * * * * * * * * * * * * * * * *
**************************************	* * * * *	*****	* * * * *	****	****	****	****	****	* * * *
KANDO KA	20 10 10 10 10 10 10 10 10 10 10 10 10 10	0 P M 0 P M	7.8 26.5 697	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M	37.1	16°0 110°0 110°0	15 2 2 3 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5 37 1 4 46 9 17310
42.0000		9000 M 50	N 0	W 40 FU 42	W 40 W 44		W 60	W 20 W 42	M co
* *	OAO	ë H		> 14	> E	> H	OZ.	A VE	A I
K (E) R (E K (- R (7)		e I se I	R VER	80 PT	ŽI K	80 FT	RIVER	en En	80 80 81
		delosiosix	m X	EL SO SE SE SE SE SE SE SE SE SE SE SE SE SE	HILL LAKE CLINCH	とという。	DUCK	H H H H H H H H H H H H H H H H H H H	日とという。
	k k k			L AK	LAK	LAKE			LAKE
100 100 100	* W	F-0-F-DD		N G G D I	HILL	Ω. T	A O A	NO	BAR L
IN NO WENT WANTED TO NO WENT WANTED TO NO WENT WANTED TO SERVE	A STANDAND	BEST CONTRACT CONTRAC	KELSO Lincoln Tva	FORT LOUDON LAKE LOUDON TVA	MELTON LOUDON TVA	NICKAJACK Marion TVA	COLUMBI MAURY TVA	CHARL ROTON HCM1NN TVA	A TAIDRADISA A MATTO BAR LAKE A TAIDLOR A METGO A U DFC I A TVA
	* * * * *	0 H	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$ * * * *	2 N 0 H	***	* * * * * *	* * * *	27 H
STATES OF THE COLUMN STATES OF	7 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	TNSLMMODEO TNUOOO4 2 DRC I	1040R20148 1000028 6 DRC I	TNIDRNOISO TNIOSOI S DFC I	TNIDRNO149 TNIOSOZ 5 DRC I	TNIORNOISH TNIISOR S DFC I	TNCGRNO201 2 DRC I	TNGGRN0153 TNU0038 6 DRC I	TNIORNO154 TNI2102 S DFC I
	10F 12 14	55 F 2 P 4 # # # # #	7 F 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * *	## # # # # #				H Z F M

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.07

TODES	***	•	•		*	•		•	٠,
THE STATE OF	. 0		•	•	e e	•			•
* * * * * * * *	***	0	0			0	•		0
80 85	######################################	60 4 50 5	M & & & & & & & & & & & & & & & & & & &	44 00 00 00 00 00	00	00	00	4479.1 43.306	17658 43.408
4 * * * * * * * * * * * * * * * * * * *	= * * * * * * *	****	****	****	****	****	*****		
MANUAL CANADA CA		0 4 4	N 40 N 40 N 40 N 40 N 40	O M M		4 4 N N N N N N N N N N N N N N N N N N		10 0 m 4 m 0 m 4 m	406719
X		240720	O W NU 99 37 NU	5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	27000 27000 87000	M W W 0000	* * * * * * * * * * * * * * * * * * *	4 4 4 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	O MI
		****	****	****	****	****	****	****	***
EX XX X	198.0 172000 172000	0.00 W W W W W W W W W W W W W W W W W W	160.0 70000 144.8	1.00 t 1.00 t 1.00 t 1.00 t 1.00 t	110.0 4040 286.0	0 0 0 0 0 0 0 0 0	######################################	130.0 271000 119.8	4136000
2 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1420.0	****	710.04	* * * 0 * 0 2 9 2	# # # # # * # # # #	1212	* * * * * * * * * * * * * * * * * * *	######################################	***
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	<u> </u>	I H	I H	I H	re.	19.	Ĩ8₹	I H	I S
****	***	****	****	* * * * *	* * * * *	****	* * * * *	****	* * * 4
CO M. A)	40.0 40.0 40.0 40.0 40.0	2 1 1 0 1 1	NN 	31.4 12.6 12.8 12.8	# 0 # 0 # 0 # 0 # 0 # 0 # 0 # 0 # 0 # 0	4 6 RV 6 RV 6 RV VI	M 20 M	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M W G
	W 90	₩ @	W 90	N 60	N ED RU 44	N. 42	10 e0 10 4	W 60	0.00 4.00
* * * * * * * * * * * * * * * * * * *		CC	ALO RIVERA	* * * * *	# # # # # #	07 	***** W W >> H C	* * * * *	* * ROTH FOR
S E CC 4	RED	OBED	BUFFALO	E E E E E E E E E E E E E E E E E E E	コロ ロスト ロの 関節	LAKE	00 E	0000	9
THE CLOSE A CONTRACTOR OF GREAT ACT OF GREAT	* NONSOLIEW DANK * MONTGOMENY * DAEN ONN	* * * * * * * * * * * * * * * * * * *	A TVA	A USTRAL POLK TVA	M DCOEE NUMBER 3 L	A DOORE NUMBER 2 I	PARKSVILLE LAKE POLK TVA	TODD MOUNTAIN POLK TVA	SOUTH CUMPS DAY SOCOTH SOCOTH
TA T	TN40RN0155 TNUO012 6 DRC I	TN6DRN0156 TNU0022 6 DRC I	TN6GRN0157 TNUG018 S DRC I	TN60RN01S9 TNU0041 S DRC I	TNIORNO161 TN13903	TNIDRNO162 TNI3904 S DFC I	TATORNO160	TN6DRN0158 * TNU0016 *	**************************************

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,08

E E E E E E E E E E E E E E E E E E E									* * * * * * * * * * * * * * * * * * *
***	****	****		****	° ***	ŏ ****		*****	O #
**************************************	# 3 Ph # 40 Ph # 40 Ph # 10 Ph # 10 Ph # 10 Ph	00	••	òò	66	4 1 4 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00	00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		# # # # # # # # # # # # # # # # # # #	106 W # # 106 W # # # 106 W # # # 106 W # # # # # # # # # # # # # # # # # #	10 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	
E X Z G		115000	100000	7 5000	000 000 99 90 90	24 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0000	31900 31900	# # # # # # # # # # # # # # # # # # #
E E C C C C C C C C C C C C C C C C C C		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	W	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* * * * * 000° 000° 000° 000°	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	* * # # # # # # # # # # # # # # # # # #
* * * * * * * * * * * * * * * * * * *	数	00 00 00 00 00 00 00 00 00 00 00 00 00	# # # # # # # # # # # # # # # # # # #	0.11 N. 0.11 N	20 P P S S S S S S S S S S S S S S S S S	1100,000	CHNR CP 1001.7	S S S S S S S S S S S S S S S S S S S	**************************************
**************************************	#	N W 4 N W 4 ► 01 N 0 W ← 0 W ←	68 60 64 75 75 75 75 75 75 75 75 75 75 75 75 75	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	20 8 8 9 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	M M M M M M M M M M M M M M M M M M M	15 48.3 1677	16 11 e 2 12 31 e 6 8 31 e 6
' السب الا	# M	# # # # # A	M 60 # * # # #	****	M 60 * * * * * D T	# # # # # E	E # # # # #	#1 #D * # # # #	MØ #
		FXENCH BROAD	CUMBERLAND	SOUTH FORK		SOUTH FORK	T TORK	KE CANEY FORK	
	A SA CA	DOUGLAS LAKE SEVIER TVA	CORDELL HULL Smith Daen drn	BOONE LAKE BULLIVAN TVA	FORT PATRICK HENRY LAKE SULLIVAN SOUTH FORK TVA	MORRILL SPRING SULLIVAN TVA	SOUTH HOLSTON LAKE SULLIVAN SOUT	GREAT FALLS LAKE MARREN TVA	NAME NOTICES OF TOTAL SAME AND TOTAL
**************************************	**************************************	* TNIORNO166 * TNISSO1 * 5 DFC 1 *	* TNGORNO167 * TNGORNO167 * TN15901 * * * * * * * * * * * * * * * * * * *	# #NIORNO169 # # W16306 # # W16306 # # # W16306 # # # # # W16306 # # # # # # # # # # W16306 # # # # # # # # # # # # # # # # # # #	# TNIORNO171 # # TNI6807 # # TNI6807 # # # DPC II # #	**************************************	A TNIGRNO170 A TNIGROUS A TNIGROU	# # WINDROLTW # # # WINDROLTW # # # # WINDROLTW # # # # # # # # # # # # # # # # # # #	**************************************

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,08

SET A	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
	* * * * * *	0	
ANUL PARAMANANANANANANANANANANANANANANANANANAN	本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	0.82 4.04 6.04 7.00 1.00	10 W7 a 1 a 0 a 0 a 0 a 0 a 0 a 0 a 0 a 0 a 0
AMENIA STANDS OF STANDS		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *
######################################		44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	在
######################################	0 4 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 4 2 2 4 0 9 0 0 0 0 0	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
######################################	エ	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
****	**	***	* * * * *
## ## ## ## ## ## ## ## ## ## ## ## ##	M 80 M 80 M 80 M 80 M 80 M 80 M 80 M 80	82 82 82 82 82 82 82 82 82 82 82 82 82 8	M 00 # 10 00 # 10 00 # 10 00 # 10 00 # 10 00 # 10 00 # 10 00 # 10 00 10
ater an	. OZ	AKE CALFKILLER RI*	****
* THE TO NO TO THE PROPERTY OF	MASHINGTON TANA	* WHEATS CURVE LAKE WHITE CAL	A TNEORNOLTO & UDDINGOOOO TNUOOOO & MILLIAMSON HARPETH RIVE U DRC I & DAEN ORN SU DRC I & DAEN ORN
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ANADRNO174 & INDTAN BEND BY ANDIONO BY ANDIONO BY ANDIONO BY ANDIONOTON BY ANDIONOTON BY BY ANDIONOT	4 4 NCCC 21 7 6 4 4 4 NCC C 2 2 4 4 NCC C 2 2 4 4 NCC C 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# TNEORNO179 # UDPTN90000 # TNUO009 # WILLIAMSON # S DRC I # DAEN ORN # S ARREST # DAEN ORN

SCALE DEVELOPMENT SMALL 2 2 3 3 4 3 5 5 7 ADUITIONAL or o CAPACITY POTENTIAL 2 |--HYDRNELECTRIC SICAL -I

1 E X A 30 O STATE w X

# * * * * * * * * * * * * * * * * * * *	ATOT BYMCKE STATE	M CANA A	** ** ** ** ** ** ** ** ** ** ** ** **	2	* * * * * * * * * * * * * * * * * * *	000 000 000 000 000 000 000 000 000 00		T COLUENS R AND B)
4444444		* **** *DO		K 40 4 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	K M.O	* 0 i	* * * * * * * * * * * * * * * * * * *	(SUM D
*****	***	* 4 4 4	r NO 1	K 04	k Ø • 1		* * * * * * * * * * * * * * * * * * *	00 11 11 11 11 11 11 11 11 11 11 11 11 1
****		K	1 10 H		. 0	0 0	* * * * * * * * * * * * * * * * * * *	TIAL
****	X X	* H Z U	k 9 + 1	# C	* * * * *			
****		**************************************	0		20 0 20 1 20 1	K 0 1	k (4) +++	
****	***	X + + + + + + + + + + + + + + + + + + +	× 0 +	v 01-37		r ⊸ri∩ i		
*****	¥ 0	* B B A 4	k #0 -	K 1∼20 €		क्षा ची		
***************************************		* W C C C			* * * * * * * * * * * * * * * * * * *			K SAN SK
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		* 00 00 < 1			K * * * * * * * * * * * * * * * * * * *			
***************************************	1	* * * * * * * * * * * * * * * * * * *	K	* ~ . * ~ .	:	**************************************	* ~~	· -
9 1 1 1 1 1 1 1 1	. 3 . 2 . 10	# * Z & Z & Z & Z & Z & Z & Z & Z & Z & Z	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *		* * * * * O O O O O O O O O O O O O O O
4 4 4 4 4 4	30 0	* * * * * * * * * * * * * * * * * * *	** ** * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	K	* () * *	* * * * * * * * * * * * * * * * * * *	* UZ * JE * HO * HO * HO
3 4 4 1	k K K K	* W D A + W D		# 050 # 050 # 050 # 444		* * * * * * * * * * * * * * * * * * *	# ## # # # # # # # # # # # # # # # # #	* = ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
* 1	3 J4 F6	93I HZ H>W	* * * * * * * * * * * * * * * * * * *		* 342 :	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*
∢ c	iL i H Z	-4 Lut Lu 	* 0	* 0 * 0	0.05 0.05	# C	TOTAL	**************************************

DEVELOPMENT ADDITIONAL 3 3 5 4 CAPACITY AND POTENTAL J V J I S X H d HYDROELECTRIC

SO WIND TO THE POST TIME

w ∢ c	T <	1	4	4 4 4 4	1 1 1 1	* * * * * * * * * * * * * * * * * * *	- 1	4	02 1	CAPAC	Z 4 3z 4	go -					
HZ	* * * * < Z 🔾 . (- <) ()	k k k	* * * * * * * * * * * * * * * * * * *	* E * E				K 33. K 25. K 101 K 101 K 101 K 101 K 101	36	* w	K Y	* U1 * U1 * U * Z	* .≴	*	* * * * * * * * * * * * * * * * * * * *	**	स सं सं सं
1	931. ; HZ ;	* W O Q 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * & * & * & * & * & * & * & * & *	* * * * * * * * * * * * * * * * * * *	*250	* F Z O 1	* * * + + 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	M C C A C C A C C A C C A C C A C C A C C A C C A C C A C C A C C A C C A C C C A C C C A C C C A C C C A C C C A C C C A C C C A C C C A C C C A C C C A C C C A C C C A C C C A C C C A C C C C C A C	1014 1014 1000 1000	* * * * * * * * * * * * * * * * * * *	****	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
0	* CON			K K K K K K K K K K K K K K K K K K K	* ^: .		* * * * * *	K	k MM t			* * * * * * * * * * * * * * * * * * * *	* 000	* 00	* 0N	# OMd :	* 10 * 10 * 7 011
	* * * * * * * * * * * * * * * * * * *		x	K 0 NO 0 H NO 0	×Ω		x ~~ c x	K	* * * * * * * * * * * * * * * * * * *	202		K (U) (0 K (U) (0 K (C)	* OOO	# OO P	* MO	* 2W * WU3 * WU3 * WU3	* (UMM * MU(4) * 33 * 4
	* 200 * 200 * * * * * *	* W (0		K # K # K # K # K # K # K # K # K # K #	4 C 4 C 4		* * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	× tnor d	*************************************	* * * * * * * * * * * * * * * * * * *	k Ωi⊷ ∜	* 50.00 ±	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* N:NI → ·	*
¥ 100		* * * * * * * * * * * * * * * * * * *		K # # # # #		K	K * * K * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	K	K	K	* * * * * * * * * * * * * * * * * * *			* -0.0	
TOTAL	* * * * * * * * * * * * * * * * * * *			K K K M W W W W W W W W W W W W W W W W		K	* * * * * * * * * * * * * * * * * * *	K * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	K	7 00 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	K	* * * * * * * * * * * * * * * * * * *	*	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
R R R R K	NEG LOS NEG LOS OCOL NEG LOS	K - UM	XISTING DOITION	H H H A A L P D T E P	R DEVI	E COPARNA EXICATION) 8 K C 5	8	4 H H F	SUM OF CA	TO PER TENT TO PER TENT TO PER TENT TENT TENT TENT TENT TENT TENT TE	A 70 %	ALL SITES	A C C C C C C C C C C C C C C C C C C C		COMMOS 2 AND COAMATT	. (S. (

DATE IS FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,08

# COL COL CAR COL CAR COL COL CAR COL COL CAR	######################################	****	* 2019 * 2019 * 2019 * 2007 * 2007		## 2000 ## ## 2000 ## ## ## ## ## ##	## 1007 ## 1006 ## 1006 ## ## 1006	## 2032 ## 2032 ## 2032 ## 74 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	1384 9 4 2013 71.190 4 2023 71.190 4 2023
######################################	# # # # # # # # # # # # # # # # # # #	15 6 6 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14370	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1050.7	2000 2000 2000 2000 2000 2000 2000 200	10 10 10 10 10 10 10 10 10 10 10 10 10 1	00	71.190
# - W W H H H H H H H H H H H H H H H H H		REER COLOU PIN		0 4 4 4 4		60 00 00 00 00 00 00 00 00 00 00 00 00 0	000 00 00 00 00 00	20 00 00 00 00 00 00 00 00 00 00 00 00 0	
# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		990		000	16000 16000 16000	12 12 12 12 12 12 12 12 12 12 12 12 12 1	44 44 4	00000 0000 0000 0000	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	80 40 40 40 40 40 40 40 40 40 40 40 40 40	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 1000 1000 1000 1000 1000 1000 100	1976-01 1876-00 111 4 4 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * O * O * O * O * O * O * O *	* * * * * O O O O O	2100400 200400 200400 2004 2004 2004 200	# # # # # # # # # # # # # # # # # # #
* XC. * * * * * * * * * * * * * * * * * * *	######################################	* * * * * * * * * * * * * * * * * * *	TA TA TA		2 9 2 9 2 9 2 9	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *		# # NI ON 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
T T T T T T T T T T T T T T T T T T T	M 1 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	200 200 200 200 200 200 200 200 200 200	30 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	69 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	44 44 64 64 64 64 64	0.04 11 11 10 10 10 10	97 36.0 97 36.0 84.55	24 W W W W W W W W W W W W W W W W W W W	33 4 4 1 0 4 4 4 6 0 6 6 6 6 6 6 6 6 6 6 6 6 6 6
* * * * * * * * * * * * * * * * * * *	A COLONY OAR TARACTURE A COLONY A COLON	FROIDN MICHITA BIVERS	**************************************	EMCHITA DIVERS	LEON 21	HOLLOW DAN LAMPASAS RIVE,	BRAZOS RIVER	BRAZOS RIVER	* TX48MT3560 * DEXALS LOCK + DAM * TXUO025 * BOLIE * TXUO025 * BOLIE
**************************************	A MARKANANANANANANANANANANANANANANANANANANA	LAKE DIV ARCHER CITY OF	EEST POLINE BASTROP	LAKE KEMP BAYLOR DAEN SET	BELTON DAM BELL. DAEN SWF	STILLHOUSE H BELL DAEN SWF	BEE MOUNTAIN BOSOUE	WHITNEY DAM BOGOLE DAEN SEF	* DEKALB LOCK * BOWIE * DAEN SWI
A TANK TO NO A TAN	# 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 4 XCGWTO519 * 4 XC1011 * 4 X DRC II * 4 X	4 X68WG05/SS 4 4 TXU0014 4 4 4 1 SCP 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 1 1 2 2 2 2 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5	TACONFOOOS TACONFOOOS TACONFO	# TXCSWF0006 # TX00014 # 2 DFC I *	# TX6SWF0014 # TXU0313 # F 2 DRC I *	TXIONFOOLS	TX400E1G60

DATE 15 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.08

# (NEW PARTS AND A COLD	CONGUENCE RANK) *	# 2020 # 2020 # 2025 # 2025	* * * * * * * * * * * * * * * * * * *	# WOWY WONY # WONY # WONY	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# 2040 # 2040 # 2048	2025 2004 2004	• • • • • • • • • • • • • • • • • • • •	
ANCEL COOL	· · · · · · · · · · · · · · · · · · ·	14787	30619 1841 1841	18064 99.336	11 14 14 16 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	11015	40 40 40 40 60 60 60 60 60 60 60 60 60 60 60 60 60	00	60
CONTRACTOR	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		M W W W W W W W W W W W W W W W W W W W	* * * * * * * * * * * * * * * * * * *	# # # # # # # 0 0 0 37 6 6	* * * * * * * * * * * * * * * * * * *	24 24 000 000 000		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
MHF W * * * * * * * * * * * * * * * * * * *	717	4 88 80 90 00 00 00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 A A A A A A A A A A A A A A A A A A A		C M M C M M M M M M M		4 4 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
### ##################################	*		26996 W 29996 W 29996		10 00 00 00 00 00 00 00 00 00 00 00 00 0	00 00 00 00 00 00 00 00 00 00 00 00 00	******	M O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 11 10 10 10 10 10 10 10 10 10 10 10 1
* G G G G G G G G G G G G G G G G G G G	をおりませんが、	TO INTE	20 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TO T	20. 20. 20. 20. 20. 20. 20.	TE SU	00 00 00 00 00 00 00 00 00 00 00 00 00	TO HE TO	187 0P 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
ted tod	# # # # # # # # # # # # # # # # # # #	44 24 24 24 24 24 24 24 24 24 24 24 24 2	MW 17 40 94 40 17 17 17 17 17 17 17 17 17 17 17 17 17	W 40 40 40 40 40 40 40 40 40 40 40 40 40	# # # # # # # # # # # # # # # # # # #	44 44 44 44 44 44 44 44 44 44 44 44 44	96 96 96 100 100 99 44 44 44 44 44 44 44 44 44 44 44 44 44	36 20 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	90 455 0 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5
A A A A A A A A A A A A A A A A A A A	ACCACACACACACACACACACACACACACACACACACA	LANFSPORT LOCK + DAM ** BOWTE RED RIVER ** DAEN SWT	A APLES RESERVOIR BOUNTE BOU	NEW BOSTON LOCK + DAM * BOWTE RED RIVER * DAEN SWT *	TEXARKANA DAM. BOWTE DAEN SWF *	PERGUSON NO 3 DAM ** BRAZOS NAVASOTA RIVE* DAEN SWF	SOMERVILLE DAM SURLESON VEGUA CREEK A DAEN SKY	ALVIN WIRTZ DAM ABURNET COLORADO RIVE* LCRA	BUCHANAN DAM BURNET COLORADO RIVE
# # # # # # # # # # # # # # # # # # #		1X40813554 4 4 1XC0031 4 4 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TX68WF9009 # TXU0013 # # B DRC I # # B	1X48W1356SS # 1XU003W # 2 0RC D # 1	TXCSHF9010 * TX00021 * E DFC I * E	7X6SWF4416 # 7XU0396 # 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	TXCSEFOOL9 x 8 TXCOOLW x 8 TXCOOLW x 8 TX CX X x 8 TX CX X x 8 TX CX X X X X X X X X X X X X X X X X X	TXISWF00011 * TX00986 * TX00986 W TX0098 W TX00986 W TX00986 W TX00986 W TX00986 W TX00986 W TX0	TXLGWF00024 * B TX00989 * B TX00989 * B

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,08

			2041 2041 2040 **	****	2024 2024 *	****	2003	2014 2014 2004	**************************************
# # # # # # # # # # # # # # # # # # #		00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	#### #### ####	4 * 4 * 4 *		20	7768e2 178.60 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# 100000 # 100000 # 100000
E E E E E E E E E E E E E E E E E E E	E E E E E	10 00 00 00 00 00 00 00 00 00 00 00 00 0	44 000 4 * * * *	* * * * * O O O O O	440000000000000000000000000000000000000	000	a a a a a o m m o o o o o o o o	4 4 4 4 0 00 00 4 4 4 4 0 00 00	# # # # # # # # # # # # # # # # # # #
# U U U U U U U U U U U U U U U U U U U		0000 m		OM IN	1.56.20 1.56.20 1.56.20	000	000	14193	# 0 0 # 0 0 # 0 0 0 # 0 0 0 # 0 0 0 # 0 0 0 # 0 0 0 # 0 0 0 # 0
*****		00 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * 000 000 000 000 000 000 000 00	10 00 00 00 00 00 00 00 00 00 00 00 00 0	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * *	****	1.00 W 9.00 W 9.	
	**************************************	TO STATE OF THE ST	## CONT. ##	000 000 000 000 000 000 000 000 000 00	# # # # # # # # # # # # # # # # # # #	00 Mi	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	
*	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	M M M M M M M M M M M M M M M M M M M	M & & & & & & & & & & & & & & & & & & &	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
t * Σ	* × >	COLORADO RIVE	CROSSING DAM COLORADO RIVE	TRINITY RIVER	NECHES AL	LITTLE WICHIT	EAST FORK OF	COLORADO RIVE	RES COLORADO RIVE
	SURVET COLORADO PER COLORADO PE	HAX STARCKE DAM BURNET LCRA	TANVARD CROSSI BURNET Daen set	WALLISVILLE RES CHAMBERS DAEN SEG	VECTES DAY	LAKE ARROWHEAD CLAY CITY OF WICHITA FALLS	LAVON DAM COLLIN Daen swf	ALTAIR COLORADO UNKNOWN	* TX6SMGOSS7 * COLUMBUS BEND RES * TXUO073 * COLORADO R * Z XUO073 * COLORADO R * Z X S & S & SUGRES S REC
######################################	# ####################################	# # # # # # # # # # # # # # # # # # #	4X6 SETOON 4X 4X 4X 0X	4 X 4 X E C C C C C C C C C C C C C C C C C C	* * ONOCULENCY * * ONOCULENCY * * * ONOCULENCY * * * * * * * * * * * * * * * * * * *	A K OUNCH SON THE CONTROL OF THE CON	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.08 PAGE 236 OF TABLE 1

* * * * * * * * * * * * * * * * * * *	# 1000	***	2040 2040 ** 2040 ** 2040	** 1005 ** 1004 ** 1006	# 2020 # 2020 # 2000	* * * * *	2012 2017 2005 **	# 2022 ** # 2027 **	2026 2028 2028 2028
	######################################	29045 227.045	3221 8	321.97 47.700	19891	12008	2179°2	N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8.00 W 6.00 W 6.00 W 7.00 W 7.
### ### ##############################	* * * * * * * * * * * * * * * * * * *	10.00 to 10.		6.6 7.7 0.00 8.4.4.4	707 707 707 707 707 707 707 707 707 707	000	70W11 70W11	* * * * * * * * * * * * * * * * * * *	10 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	106078		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	000	1000 1000 1000 1000 1000 1000 1000 100	10114	## # # # # # # # # # # # # # # # # # #
** CAS ** (AC F1) ** (AC F1) ** (AC F1) **	* * * * * * * * * * * * * * * * * * *	144°0 116°0 116°0	193127°0 44.000 44.44.44	20 82 82 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.000 0.000 0.000 0.000	10 00 00 00 00 00 00 00 00 00 00 00 00 0	M 4000 8004 000 000	NO 00 00 00 00 00 00 00 00 00 00 00 00 00	13 60 00 00 00 00 00 00 00 00 00 00 00 00
PURP ATUS VE. B	**************************************	A TO	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	# # # # # # # # # # # # # # # # # # #	**************************************	CO C	A A B B A B B A A B B A A B B A A B B A A B B A A B A B	A R R R R R R R R R R R R R R R R R R R	# # # # # # # # # # # # # # # # # # #
	T .	33 45.0 97 11.0 30768	0 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	94 W	0.00 0.00 0.00 0.00 0.00	94.9 0.13.0 6.70.0 6.70.0 6.40	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
CO. * NAME OF STREAM	CANYON DAM GUADALUPE RUVA COMAL GUADALUPE RUVA DAEN SAF	GAINESVILLE RED RIVER ** DAEN **	AUBREY DAN DELM TORK OF 14 DAEN GANT	LEWISVILLE DAN ** DENJON FLM FORK OF 1* DAEN SEF	CUERD 1ST STAGE ** DENITT GUADALUPE RIV* BUREAU OF REC **	CUERO 2ND STAGE ** DEWITT SANDLES CREEK** BUREAU OF REC **	BLUE RIVER LOCK + DAM FANNIN RED RIVER + DAEN SWT	CARPENTERS BLUFF LOCK + DAM + PANNIN RED RIVER * DAEN SET	A CRUTA CHO CHO VICTO A CHO
	1000 1004	900	~						

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.09

A WARA WARA WARA WARA WARA WARA WARA WA	2031 2031 2041 201	2013 2018 2008 * * * *	2018 2018 2008 **	2036 2036 2037 #	2030 2030 2010 *	1008 * 1007 * 1015 *	* * * * * * * * * * * * * * * * * * *	***** ****	# 2002 # 2002 # 2002 # 2000 # 2000 # 2000 # 2000 # 2000 # 3000 #
* * * * * * * * * * * * * * * * * * *	1	1500-1500-1500-1500-1500-1500-1500-1500	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1000 1000 1000 1000 1000 1000 1000 100	17846 750°13 4 4 4 4	4 4 4 4 4	****	: * * # # CO	
**************************************	# 44 # WW # VV	M	6744 6744 6874 8844 8844	10 M M C C C C C C C C C C C C C C C C C	0 00 00 00 00 00 00 00 00 00 00 00 00 0	* * * * * C 00 00 Or 07	7117 7117 7117 7117	7471	# # # # 10000 110000
* * * * * * * * * * * * * * * * * * *		8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	000000 00000 000000 00000	11 11 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	20 40 40 40 50 40 50 40 54 48 48 48	# * # * # O	# # # # # #	M M	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
# # # # # # # # # # # # # # # # # # #	K K K K K K K K K K K K K K K K K K K	# # # # # O O O	2010000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * O O Ø * O O Ø Ø O O	1127.00 #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	T.F. & & & & & & & & & & & & & & & & & &	SOF SOF SOF SOF SOF SOF SOF SOF SOF SOF	TTS G G T T T T T T T T T T T T T T T T	TO	TO .	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
* 70000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.0 0.0 0.0 0.0 0.0 0.0 0.0	31 57 1	40 ↔ 40 ↔ 40 ↔ 40 ↔	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* * * * * 400 400 100 100 100 100 100 100	24 W W W W W W W W W W W W W W W W W W W
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	ACATA BULLIN DICT + DAM SOLING BULLIN LOCK + DAM TANNIN NOT NOT AT VERY TANNIN NOT AT VERY TO MEN SETTINGS	WADE LAKE FANNIN RED RIVER **	TA GRANGE RES COLORADO RIVER UNKUDAN	* RICHLAND=TEHUACANA DAM * FREESTONE RICHLAND AND * TARRANT COUNTY MCRID NO 1 * *	GOLTAD RES GOLTAD RES GOLTAD SAN ANTONIO RE LUNKNOWN	# GONZALES PROJECT NO.2960 * GONZALES GUADALUPE RIV* CITY OF GONZALES	≥	* H=5 DAM * GONYALES GUADALUPE RIV: * GUADALUPE=BLANCO RIVER A	* CHEROKEE DAM * GREGG THEROKEE BAYO. * CHEROKEE BAYO.
######################################	# # # # # # # # # # # # # # # # # # #	TX6SWT3489 TXUO040	4X608E00595 4XE00595 4XE00795 8XE	SE S	1X60882 14 4 4 100087 14 4 100087 14	TXMSEGOOTS:	TXGSWFOODS TXO1912 TXO1912	* TXGSWF0066 * TX01913 * 5 DRC I	** TXCSWF0067 * TXCSWF0067 * DFC I

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,09

A MONTH A MANAGEMENT A MONTH A	**************************************	•	ó	Ö.	1000	2043	1004	200 N	
A CMOKE MONOTORIA & CANAR MONOTORIA & LO A CONTOCOLONO & LO A CONTOCOLONO & CONTOCOLON			ő		1001	6 M O R	1003	2010	
* 85 CC	***	66	00	00				40000000000000000000000000000000000000	44 60 40 40 40 44 44 44
A MINIO A MINI	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10984 10984 10984	* * * * * * * * * * * * * * * * * * *			Onn On Mar On		2 4 0	C 40 40
MHH NOH NO CX NO NO CX NO CX N	# # # # # # # # # # # # # # # # # # #	00 00 94 96 M	4 4 0 0		N. W.	44 44 44 44 44 44 44 44 44 44 44 44 44		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
A SE OF	# # # # # # # # # # # # # # # # # # #	4 N 4 40 9 50 0 0 0 0	4 4 4 4 4 0 40 4 6 4 6 4 6 4 6	18 4 4 4 8 000 000 18 (tr		**** 000 000 000 000 000 000 000 000 00	ene ene ene ene ene ene		4 4 4 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
######################################	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	I C	E D	T.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O.O	****	# # # # # # @ .	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	本本では、日本本では、日本本では、日本本では、日本本では、日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日
CONTROCTOR OF THE CONTROCTOR O	# # # # # # # # # # # # # # # # # # #	29 39 1910 1910	949 848 196 196 196 196 196 196 196 196 196 196	000 000 000 000 000 000 000 000 000 00	##### ###############################	い な い な し る し る る い い な も ま ま 本 本	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 40 66 44 44 44 44 44 44 44 44 44 44 44 44	88 86 80 80 80 80 80 80 80 80 80 80 80 80 80
THOUSEN NAME OF STREAM OWNER	ACT OF THE CONTRACT OF THE CON	BUNN.AP TP1 GUADALUPE GUADALUPE RIVA GUADULUPE-BLANCO RIV AUTH **	GUADALUPE-BLANCO RIVER AUTH * GUADALUPE GUADALUPE-BLANCO RI AUTH *	GUDALUPE-BLANCO RIV AUTH TP44 GUADALUPE GUADALUPE-BLANCO RI AUTH *	LARKE HOUGHON HARRING HOUGHON **	AARAHLI REBERAVOIK HARRIBON LIMMIE CYDREGA DAEN SEN	BEND BRAZOS RIVER * * * * * * * * * * * * * * * * * * *	LOCK AND DAM NO. T HOUSTON TRINITY REVERSE DAME ONE	EDNA REGERVOIR JACKSON BURKALU OF REC
77. 1 10 20 20 20 20 20 20 20 20 20 20 20 20 20	*	TXGSEFOOTD # TXO1502 # C	**************************************	X	7XC03E005E 7XC03E005E 1X	1X68EF9010 # 1 1X00014 # 1	4X000000000000000000000000000000000000	TX40WF4411 # III # III # III # III	TX60WG0027 * ET TXU0060 * 4/4

DATE 15 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.09

CH3GE	斯斯斯斯斯 医皮脂素 医萎缩 医萎缩 医水体 医二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十	2037 2037 2019	2026 2035	2028 2028 2028	•0	1004	2033 2033 2025	2014 2019 2007	2016 2021 2009
C O C C C C C C C C C C C C C C C C C C	R R R R R R R R R R R R R R R R R R R	644 664 666 666 666 666 666 666 666 666	MO4204 4 400000 4 4 400000 4 4 4 4 4 4 4 4 4	00 00 00 00 00 00 00 00 00 00 00 00 00		44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	9000 0000 0000 0000 0000 0000 0000 000	10078 67.136 # # #	16198
度 (5) (5) (5) (5) (5) (5) (5) (5) (5) (5)		***** OSISS OS	NN 000 400 000 445 645 845	* * * * * * * * * * * * * * * * * * *	10 W 20 W	* * * * * O & & M M O & M M	000000	150 150 150 150 150 150 150 150 150 150	* * * * * O MM OO MM MM MM MM
0 4 0 0 0		単名名名名 の の の の の の の の の の の の の	# # # # # # 	# # # # # # # # # # # # # # # # # # #		E E E E E E E E E E E E E E E E E E E	00000		679
****		TERES	M 20W 600 003 004	2000 2007 2000 2000 2000 2000 2000 2000	11 9 10 10 10 10 10 10 10 10 10 10 10 10 10	2000 W 20	630000 1440000 1440000 888	0.004 0.004 0.004	1888000 **
A TATUR RICHER B (S)		* * * * * * * * * * * * * * * * * * *	A A C C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* HCGR * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * C C C C C C C C C C C C C C C C C
160	# # # # # # # # # # # # # # # # # # #	28 52.9 96 34.7 1404	31 000 4 1500 1474	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	14 4 4 4 10 4 0 6 4	7.88 2.4 27.51.8	98 31. 98 31. 11.24	M RU M RU M RU M G M M M M G M M M G M	9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	SERVER AND THE TRANSPORT OF THE TRANSPOR	PALMETTO BEND JACKSON BUREAU OF REC ************************************	A A CRICKRO DINCHRO DI	COCKLAND DAM NECHERO ZIVEZ & SOART DAM NECHERO ZIVEZ & DARN OFF	A A YOUDN DAX AAYOUDN DAX AASDERA AASDERA AAGELIANA TIVOTA AAGELIANA TIVOTA AAGELIANA	WESTEY E SEALE JIN WELLS NUECES RIVER & LUNDESD	PAM 7 KENDALL GUADALUPE RIV* GUADALUPE-BLANCO R AUTH *	ARTHUR CITY LAKE LAMAR LAMAR DAEN SWT	GARAETTS BLUFF LAKE LAMAR RED RIVER
ACA TACA TACA TACA TACA TACA TACA TACA	**************************************	2	#X50%###################################	* * **********************************	TXISWF00998 # 3 SCP I # 1	* * O CON O X L N O CON O	4X68WF0105 4XU0407 * TC 0FC 1 * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	#X68WTWS6N # TXUODR8 # #

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.09 PAGE 240 OF TABLE 1

######################################	SKERKERESERVERES	0 4 9924 B 4 2042 0 4 1790 A 5548 B 4 2042 0 4 1790 A 5548 C 4 2042	4 202370 # 204.27 # 2044	2 1486 F 1740.1 F 2049.		2 14808 x 2038 9 2 7854 x 18908 x 2038 9 3 7854 x 18908 x 2038	4 4689,7 # 2031 5 # 6145 # 763,11 # 2031 6 # 6145 # 763,11 # 2031 6 # 6145 # 763,11 # 2018 #	# # 10000 # 0.0000 #	
# C C	* 000	## ## O O	7780677	94.2	0-1-	327 327 327 347	O M He Hu He Hu O No No	4 4 0 00 10	0
######################################	* * * * * * * * * * * * * * * * * * *	106060 106060 17 99 99 9	77.0 # 1480000 # # 61.0 # #	2 RU ***********************************	C # 45 # # # O O Pro- PR-9-CUS PR-9-CUS PR-9-CUS	110°0 1900001 107°0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	176000 176000 24000 4440	- M - M - M - M - M - M - M - M - M - M	284200 444200 4443000
	**************************************	80 H 80 SH 90 SH	# # # # # # # # # # # # # # # # # # #	IN N N N N N N N N N N N N N N N N N N	NH NH NO NH	00 mm m	2 m.	80 H 80 H 80 H 80 H 80 H 80 H 80 H 80 H	* * * *
720000	**************************************	25 25 25 25 25 25 25 25 25 25 25 25 25 2	0 M O O O O O O O O O O O O O O O O O O	94 49°4 4	30 00 00 00 00 00 00 00 00 00 00 00 00 0	28 27 37 27 37 37 37 37 37 37 37 37 37 37 37 37 37	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	32 22 25 25 25 25 25 25 25 25 25 25 25 25
6. F. F. A	AKAKAKAKKEKKEKK * THOO CHOOLE U ************************************	F SULPHUR RIVER*	* * * * * * * * * * * * * * * * * * *	A THE STATE OF THE	A TRINITY RIVERS	CHRIGHT NUMBERS RIVER # PUS CHRIGHT	NUECES ATVERS **	BEDIAS CREEK * A AUTHORITY * *	* TEGENACIAN * * SEACH CYDARGOS *
	* T D A T T T T T T T T T T T T T T T T T	* SULPHUR BLUFF * TWDB	* CAPERS RIDGE * LIBERTY * DAEN SKG	# LOCK AND DAM # LUBERHTY # DAEN GWG	* LUCK AND DAN * LIBERTY * DAEN SWG	LAKE CORPUS CH LIVE DAK CITY OF CORPUS	OAKVILLE LIVE OAK UNKNOWN	BEDIAS DAN HADISON TRINITY RIVE	BLACK CYPRESS
CODEDO SOLUTION OF	TO SERVICE	AXSONERGOLD A TXUOOLS	# 1X68WGOU69 # 1XUQO61 # 2 SCP 6 #	* * * * * * * * * * * * * * * * * * *	* 090003000XP * * * 00 0000	# 000000000000000000000000000000000000	* * * * * * * * * * * * * * * * * * *	* TX65WF0114 * TXU0366 * * TXU0366 * * TXU03	* TX68WF9015 # TXU0015 #

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,09

THE STATE OF THE S		2082 2013 2013 8 8 8 8	****	2010	2026	044 1043 *	# # # # # # # # # # # # # # # # # # #	1047 1000 1000 1000 1000	2016 2016 **
	# # # # # # # # # # # # # # # # # # #	2022	• 0	2005 2005	0 N	1047	2037	2047	2016
		80 10 10 10 10 10 10 10 10 10 10 10 10 10	00	440 % 44 % 44 % 44 % 44 % 44 % 44 % 44	2827 2827 2926 2011 2011	160 86 49 947	(U IU 24 W) 24 W) 4 W) 4 W (U II)	30910 60709	# 9 # 8 0 N 0 N 0 N 0 N 0 N 0 N 0 N 0 N 0 N 0
######################################		16626 # # 6626 16626 # # 16626		20 10 10 10 10 10 10 10 10 10 10 10 10 10			* * * * * * * * * * * * * * * * * * *	* * * * * O O O O O O O O O	8 4 8 8 0 80 80 60 60 60 60 60 60 60 60 60 60
* C. C. •		20 22 23 23 24 24 24 44 44 44	* * * * * 00 0 90 96 60 60	44	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6			* # # # # O 40 40 W W	# # # # # # # # # # # # # # # # # # #
		10574001 10574000 10574000 105744	# # # # # 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	7 10000 40000 0000 0000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7.94 M 9.00 M 9.	4 (10 70 1 4 100 M/s 4 (10 70 1 4 10 0 M/s 4
		TAGO TAGO TAGO TAGO TAGO TAGO TAGO TAGO	Ha	4 4 C C C C C C C C C C C C C C C C C C		8 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	* * * * O * O * O * O * O * O * O * O *	T
CO M & M CO	# W W W W W W W W W W W W W W W W W W W	00 M 00 00 00 00 00 00 00 00 00 00 00 00	28 50.0 100 33.0	97 136 07 136 1670	30 46.9 97 1.0 7008	ann mo- mo-	400 100 100 100 100 100 100 100 100 100	W & W & W & W & W & W & W & W & W & W &	* * * * * * * * * * * * * * * * * * *
	ARABARARARARARARARARARARARARARARARARARA	MASON DAM MASON DAEN SWF	FACLE PASS PROJECT MAVERICK COUNSCENTS HIGHT CO	DAH BORDUE RIVER	RON DAM LITTLE RIVER	CONTOE DAM MONTONERY WE SAN JACINIA	REST CACHENIA	LAKE CREEK RES MONTGOMERY LAKE CREEK 1 UNKNOWN	PONTA RESERVOIR DAM ** NACOGOGCHES ANGELINA RIVE* DAEN SEF
	* * * * * * * * * * * * * * * * * * *	****	****	111 0 0 111 0 0 111 0 0 111 0 0 111 0 0 111 0 0 111 0 0 111 0 111 0 0 0 111 0 0 0 111 0 0 0 111 0	NOV A CAMERON.	****	* * * * *	****	21.32 * PONT
KTT ACC KTT ACC ACC ACC ACC ACC ACC ACC ACC ACC ACC	**************************************	TX68FF0115 TXC0382 TXC0382	4	TXCSEFO119	* TX60EFOLDY * TXCOUTU * UCD T	* * * * * * * * * * * * * * * * * * *	* 1X68WG086 * 1XU0061 * 0 8CP	0.90003E003E0 0.90003E1 4.4 0.00000 4.4 0.000000000000000000000	* 1X60xF0100 * * 1XC000x0 * * 1XC00x0 * * * 1 DR0 * * * * * * * * * * * * * * * * * * *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.10

MANOON MA	* * *	2038	2015		2014	9 10 10 10 10 10 10 10 10 10 10 10 10 10	2040	64 61 61	8 9 6
# PRO GONDAIO # PRO NONECONOMIO # PRO COMPOSITIES # (SEDUENCE RANK) # COMPOUNCE RANK) # (SEDUENCE RANK) #	# # * C # * C # *	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2017	•	50 S S S S S S S S S S S S S S S S S S S	## 60 64	# M O N	78087	80 S
* * * * * * * * * * * * * * * * * * *	* . * 0 * * * * *	M 0 M	10017		. * * * *	* * * * * * * * * * * * * * * * * * *	## # # # # #		%0% ****
PO 00	######################################	13641	3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	••	83 W 84 W 84 W 80 W 81 W 81 W	100 M	60 00 00 00 00 00 00 00 00 00 00 00 00 0	0 80 0 80 0 80 0 80 0 80 0 80 0 80 0 80	6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4
SESES:		66 64 10 14 10 10 10 10 10 10 10 10 10 10 10 10 10	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M W W W W W W W W W W W W W W W W W W W	15067			* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
a a	r RURU	176.37 176.37	10.14 00 444 069		88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	* * * * * O O O O O O O O O O O	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		97 100
A C (C C C C C C C C C C C C C C C C C	****	264 1177000 2600 4 * * * * * * * * * * * * * * * * * * *		1 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	100000 100000 100000 100000 100000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10400 10400 10701 10700 10701	* # # # # 000° 0	10
# # # # # # # # # # # # # # # # # # #	-119.	* * * * * * * * * * * * * * * * * * *	IHCS A SI	000 000 000 000 000 000 000 000 000 00	HICO 841 641 641 641 641 841 841 841 841 841 841 841 841 841 8	E E E E E E E E E E E E E E E E E E E	は	20 C C C C C C C C C C C C C C C C C C C	20 00 00 00 00 00 00 00 00 00 00 00 00 0
THE COLUMN TO THE COLUMN THE COL	000 800 800 800 800 800 800 800 800 800	30 00 00 00 00 00 00 00 00 00 00 00 00 0	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # #		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 000 000 000 000 000 000 000 000 00
で を を を を を を を を を を を を を	×	8. 	**** W >> H C	* * * * *	* * * * * 02 M 02 00	* * * * *	**************************************	00. Ini 00.	# # # # DJ >> CB
# # # # # # # # # # # # # # # # # # #	EX DAM BIG COW AUTHORITY	A W	POINT BRAZOS	SHEPPARD DAM NTO BRAZOS RIVER AUTHORITY	BRAZOS	A A B H	E ON A DIENE	BRAZUS	DAN
	BIG COM CREEK DAM NEWTON BIG COM CRE SABINE RIVER AUTHORITY	SON FIER DAN NEXTON DAEN GEN	INSPIRATION Palo Pinto	MORRIS SHEPP Palo Pinto Brayos River	TURKEY CREEK Palo Pinto	CARTHAGE DAM Pandla Daen Swf	STATELINE DAM Panda	H OF AN	CARL L ESTES DAN RAINS SABINE RIVE DAEN SWF
**************************************	# # # # # # # # # # # # # # # # # # #	TX6SWF0146 # # TXU0404 # # TXU0404 # # # # # # # # # # # # # # # # # #	AXBONEROLUGG A A CLOMIC A CAC II A CAC II A A A CAC II A A A A	TXISEFOLD A TXOHOLO IN DRC II A E	TX6SWF01WG + TXU0W09 + TXU0W09 + TXU0W09 + TXU0W09 + TXU0W09 + TXU0W09 + TXW0W09 + TXW	4X6082804XF 4X00844 8008 8 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	**************************************	TX6SWF01455 * * TXU0411 * * OFC I * *	* 1X6SEF0149 * 1XU0402 * 2

######################################			900	** * * * * *** *** ***	990 900 900 900	20 W		200	
NO LANGE				2020	~ '	_	•		***
SCENORS OF STREET	*		_		8 008	00 00 N	ċ	6 501	
ME O M O M O M O M O M O M O M O M O M	# 60 # 00 # NI		000	2000 2000 2000 2000 2000 2000 2000 200	N 100	2022	•	1026	
* -	* N P * O O * O D	⊶ or •¥0	an er	~.b	0	PI O	2 ~ 2 ~	480 480	
# 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	4 4 W W 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	56.63 66.63 66.63	9610 68.1	100 100 100 100 100 100 100 100 100 100	149	1708	17. SI 20. SI 20. SI 30. SI	4031.04 647.4694
# # U O O O O O O O O O O O O O O O O O	* * *		****	****	****	****	****	****	****
*	# 60 6 # 44 4 # 0 10 10	000	9100	0011	000	9.00	101	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	000
2			- 40 ×0	4 4				N IA	
		000	0010	****	000		0 li	000	000
	000 000 000 000 000		21 10 00 00 00 00 00 00 00 00 00 00 00 00	4 4 60 60 11 04	- a0 a0	# #	. N IÑ	109920	
0333 5 233 6 233 6 233 6 233 6 233 6 233 7	# # #								
*****	****	004	****	****	****	* * * * *	****	****	****
IOI CE C	* 0 0 0 * 10 0 0	80 110 00 110 100 100 100 100 100 100 10	00000 00000 00000	50.0 37.1	0.0000 0.0000 0.0000	3660 4660	0.00 0.00 0.00	14 000 000 000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	* * * * * * *			****	****	****	****	* * * * *	* * * *
E E C C C C C C C C C C C C C C C C C C	4.4.4.4	116.8		6.9	249.6	342.3	8R R18.1	923.7	113.1
	* *	Ġ	· •		0 H O O O O O O O O O O O O O O O O O O	ດໍ	æ ==	23.	水水水水の
	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	X * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	***** OPC 1110	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	**** ****	****
		• 9 1	16.9 * HN 15.4 * OI 17.46 * *12948	00000000000000000000000000000000000000	* * * * * * * * * * * * * * * * * * *	342.	28 R 21 8	6923.	### 0000
**************************************		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	D. 0 T T T T T T T T T T T T T T T T T T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4.0 * IHD 54.5 * DP 720 * -249	9.7 * 81 9.0 * UC 674 * 8342	# 00 100 0	7.9 * 8 0.6 * 0.6 616 * 6923	67 31 1 1 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
######################################	我们就是我们就是我们就是我们就是我们就是我们的我们,我们们也是一个人们的,我们们也是一个人们的,我们们也是一个人们的,我们们对于我们们的一个人们们对于我们的一个人们的一个人们的一个人们的一个人们的一个人	1	OTONIE * OMANT AND *	100 4 000 MM	# 31 54.0 * IHD R * 103 54.5 * 0P F 20720 * -249	1 M 1 19 7 A SI 1 VER 96 19 0 A UC 2 A 674 A SI 4 A SI	# # O O O O O O O O O O O O O O O O O O	* 30 37 9 * 8 VER* 95 0.8 * CP * 16516 * 6923.	4 0 0 0 4 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4
######################################	我们就是我们就是我们就是我们就是我们就是我们的我们,我们们也是一个人们的,我们们也是一个人们的,我们们也是一个人们的,我们们对于我们们的一个人们们对于我们的一个人们的一个人们的一个人们的一个人们的一个人		OTONIE * OMANT AND *	100 4 000 MM	# 31 54.0 * IHD R * 103 54.5 * 0P F 20720 * -249	1 M 1 19 7 A SI 1 VER 96 19 0 A UC 2 A 674 A SI 4 A SI	4 0 80 °C + HICSR 4 0 80 °C + FFF 7 8 0 80 °C + FFF 8 0 80 °C	# 30 37.9 # 8 RIVER# 95 0.6 # IP # 16616 # 6923.	4 0 0 0 4 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4
######################################	我们就是我们就是我们就是我们就是我们就是我们的我们,我们们也是一个人们的,我们们是我们们的,我们们是我们们的一个人们们的一个人们们的一个人们们的一个人们的一个人们的一个人们的一个人们	# # # # # # # # # # # # # # # # # # #	A WA AB. OF TRUETA & TRUETA & TRUETA & TRUETA & TRUETA & TRUETA	2 34 56.00 4 HN 4 56.00 4 67.00 4 67.00 4 67.00 4 67.00 4 67.00 4 67.00 67.00 4 67.00 67.00 4 67.00 67.00 4 67.00 67.00 4 67.00 67.0	# 31 54.0 * IHD R * 103 54.5 * 0P F 20720 * -249	1 M 1 19 7 A SI 1 VER 96 19 0 A UC 2 A 674 A SI 4 A SI	MAN GACINTOR 98 1050 A HICKRR AND MAN GACINTOR 98 1050 A FT TO MINOR	# 30 37.9 # 8 RIVER# 95 0.6 # IP # 16616 # 6923.	4 0 0 0 4 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4
######################################	我们就是我们就是我们就是我们就是我们就是我们的我们,我们们也是一个人们的,我们们是我们们的,我们们是我们们的一个人们们的一个人们们的一个人们们的一个人们的一个人们的一个人们的一个人们	# # # # # # # # # # # # # # # # # # #	TO A TO	2 3 36 0 4 HN 2 35 36 0 4 HN 2 35 36 0 4 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	# 31 54.0 * IHD R * 103 54.5 * 0P F 20720 * -249	1 M 1 19 7 A SI 1 VER 96 19 0 A UC 2 A 674 A SI 4 A SI	CROTH A O.OW OW A CANDAL MAN OW OW A CANDAL WAS A CANDAL WAS A CANDAL A CAN	# 30 37 9 4 8 4 30 37 9 4 8 4 36516 4 5923 8	4 0 0 0 4 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4
######################################	我们就是我们就是我们就是我们就是我们就是我们的我们,我们们也是一个人们的,我们们是我们们的,我们们是我们们的一个人们们的一个人们们的一个人们们的一个人们的一个人们的一个人们的一个人们	ROERVOIR ROEER 95 11.9 * OK 811.6.	TO A TO	2 3 36 0 4 HN 2 35 36 0 4 HN 2 35 36 0 4 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	A 31 54.0 * IHD A SESENVOIR DAM A 31 54.0 * IHD PECOS RIVER * 103 54.5 * 0P ATER CON DIST A 20720 * -249	1 M 1 19 7 A SI 1 VER 96 19 0 A UC 2 A 674 A SI 4 A SI	CROTH A O.OW OW A CANDAL MAN OW OW A CANDAL WAS A CANDAL WAS A CANDAL A CAN	# 30 37 9 4 8 4 30 37 9 4 8 4 36516 4 5923 8	4 0 0 0 4 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4
######################################	A SARA A SARA A SARA A SARA A SARA SARA	ROERVOIR ROEER 95 11.9 * OK 811.6.	TO A TO	2 3 36 0 4 HN 2 35 36 0 4 HN 2 35 36 0 4 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	A 31 54.0 * IHD A SESENVOIR DAM A 31 54.0 * IHD PECOS RIVER * 103 54.5 * 0P ATER CON DIST A 20720 * -249	1 M 1 19 7 A SI 1 VER 96 19 0 A UC 2 A 674 A SI 4 A SI	CROTH A O.OW OW A CANDAL MAN OW OW A CANDAL WAS A CANDAL WAS A CANDAL A CAN	# 30 37 9 4 8 4 30 37 9 4 8 4 36516 4 5923 8	4 0 0 0 4 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4
######################################	信任者を存在者者を有者者を有益者を有者者有者者者者者者者者者者者者者者者者者者者者者者者者	STG PINE RESERVOIR * * 33 S1.9 * CSZORE RED RIVER BIG PINE CREEK 95 11.9 * DK CARR DARK SHT * 95 * 611.6.	BRYARLY LOCK + DAM * W3 46.9 * HN REO RIVER 8.94 % SI DAEN SWT * * 12948	VALLIANT LAKE * 33 %6.0 * HN RED RIVER * 9% 9.9 * SI DAEN * 4%29% * * 8626	REO BLUFF RESERVOIR DAM * 31 54.0 * IHO REEVES PECOS RIVER * 103 54.5 * OP RED BLUFF WATER CON DIST * 20720 * -249	STEPLING C. ROBERTSON DAM * 31 19.7 * SI ROBERTSON NAVASOTA RIVER 96 19.0 * UC BRAZOS RIVER ALTH	CLEVELAND RES * MO GO.O. * HICGR SAN JACINTO * 99 15.0. * TP CNKNOWN * WRO * R100.	LIVINGSTON DAM * 30 37.9 * 8 SAN JACINTO TRINITY RIVER* 95 0.8 * OP TRA * 16616 * 69230	4 0 0 0 4 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4
STATEMENT OF THE PROPERTY OF T	但在我们有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有	A DIG PINE RESERVOIR A WIN SLAG A CSRO A RED RIVER A RED RIVER BIG PINE CREEK GS 1169 A DE 41166 A DARK SAT A STAGE A	* BRYARLY LOCK + DAN * 13 46.9 * HN * RED RIVER * 94 154.4 * SI * DAEN SET * 113948	* ALLIANT LAKE * 33 56.0 * HN * RED RIVER * 959 * GI * DAEN * 88626	* REO BLUFF RESERVOIR DAM * 31 54.0 * IHO * REEVES PECOS RIVER * 103 54.5 * OP * RED BLUFF WATER CON DIST * 20720 * +249	A STEPLING C. ROBERTSON DAM A SI 19.7 A SI RANDERTSON NAVASOTA RIVER 96 19.0 A UC A BRANDS RIVER ALTH A 8342.	A CLEVELAND RES A MO GO.O. A HICKRA A SAN JACINTO E GAN JACINTO 4 99 1550 A TO A DIAG.	* LIVINGSTON DAM * 30 37.9 * 8 * SAN JACINTO TRINITY RIVER* 95 0.8 * OP * TRA 16616 * 6923.	4 0 0 0 4 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4
TO NO A PRIMARY CO. TANK OF THE STANK OF THE	但在我们有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有	A DIG PINE RESERVOIR A WIN SLAG A CSRO A RED RIVER A RED RIVER BIG PINE CREEK GS 1169 A DE 41166 A DARK SAT A STAGE A	* BRYARLY LOCK + DAN * 13 46.9 * HN * RED RIVER * 94 154.4 * SI * DAEN SET * 113948	* ALLIANT LAKE * 33 56.0 * HN * RED RIVER * 959 * GI * DAEN * 88626	* REO BLUFF RESERVOIR DAM * 31 54.0 * IHO * REEVES PECOS RIVER * 103 54.5 * OP * RED BLUFF WATER CON DIST * 20720 * +249	A STEPLING C. ROBERTSON DAM A SI 19.7 A SI RANDERTSON NAVASOTA RIVER 96 19.0 A UC A BRANDS RIVER ALTH A 8342.	A CLEVELAND RES A MO GO.O. A HICKRA A SAN JACINTO E GAN JACINTO 4 99 1550 A TO A DIAG.	* LIVINGSTON DAM * 30 37.9 * 8 * SAN JACINTO TRINITY RIVER* 95 0.8 * OP * TRA 16616 * 6923.	4 0 0 0 4 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4
STATEMENT OF THE PROPERTY OF T	TANDARA ARA ARA ARA ARA ARA ARA ARA ARA ARA	TOSSA & GTG PINE RESERVOIR A WASSA, 9 & CSRO OORD & RED RIVER BIG PINE CREEK 95 11.9 & DK CP I & DAEN SET 6	SS9 & BRYARLY LOCK + DAM & WM 46.9 * HN BM * RED RIVER RED RIVER * 94 M4.4 * SI D * DAEN SWT * * 119948	T3567 * VALLIANT LAKE * 33 56.0 * HN 0039 * RED RIVER RED RIVER * 989 * SI RC D * DAEN * 88626	A REC BLUFF RESERVOIR DAM + 31 54.0 + IHD 512 * REEVES PECOS RIVER * 103 54.5 * 0P 7 * RED BLUFF WATER CON DIST * 20720 * +249	A STEPLING C. ROBERTSON DAM & 31 19.7 & SI ASS & ROBERTSON NAVASOTA RIVER 96 19.0 * UC C I * BRAZOS RIVER AUTH * 674 * * 8342.	A MO GOS A CLEVELAND REG AN CACINTOR OUS A HICKR OOGS A SAN CACINTOR OF AN HICKR OF HIS A CACINTOR OF HIS A CACINTOR A WRO A CACINTOR A WRO A RIP A CACINTOR A WRO A RIP A CACINTOR A WRO A RIP A CACINTOR A	SEC * LIVINGSTON DAM * 30 37.9 * 8 RN S * SAN JACINTO TRINITY RIVER* 95 0.0 * OP S * OP S * A * A * A * A * A * A * A * A * A *	246 # WOODSBORD # 28 9.9 # 39 # SAN PATRICIO ARANSAS RIVER# 97 31.1 # I # UNKNOWN

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.10 PAGE 244 OF TABLE 1

ERC RODEDATO ERC ROBEROL ERC CORPOSITOR CORP	**************************************	2035 2026 2026	2001	200s 101s		8 2 0 2 8 2 9 2 9 2 9 2 9 2 9 2 9 2 9 2 9 2 9	2043	2001	ė
****	**************************************	ñ 10 00 00 00 00 00		n 0 0 0		60 60 60 64		9000	ó
SS SE	######################################	8961.0 978.72	168.10 56.137	6.0 6.0 6.0 6.0 6.0 6.0 6.0	÷ 6 50 60 60 60 60 60 60 60 60 60 60 60 60 60		13461	197,96 1908	00
医乳房医乳房	# # # # # # # # # # # # # # # # # # #	 Our in in in or or		0 40 0 40 0 40 0 40	2007 2007 2007 2008 2008	***** O D D D B D B D D D D D D D D D D D D D	* * * * * * * * * * * * * * * * * * *	M W 74 W W W W W W W W W W W W W W W W W	191117 *
CONTRACTOR		M W O O O O O	11 11 12 12 12 12 12 12 12 12 12 12 12 1	74 0 0 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00 00 00 00 00 00 00 00 00	4 4 4 4 4	* * * * * O C O M M 	# # # # # # # # # # # # # # # # # # #	67 US O O US O O O US O O O US O O O O O O
AC TTO	# # # # # # # # # # # # # # # # # # #	M	80 80 80 80 80 80 80 80 80 80 80 80 80 8		410.0288 3090000 4 * * * * * *	101 112 102 103 103 103 103 103 103 103 103 103 103	M1W1 M1W2 6 W40 6 W 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	337400 337400 44600 444000 444000	266.0 * 1954000 *
A VE US		8 4 4 4 4 4 8 8 8 8 4 8 8 8 8 8 8 8 8 8	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CON 193.04	0 M 4 W 6 W 6 M 8 M 8 M 8 M 8 M 8 M 8 M 8 M 8 M 8 M	T C C C C C C C C C C C C C C C C C C C	本 体 本 C o o o o o o o o o o o o o o o o o o		IH 60 11 11 11 11 11 11 11 11 11 11 11 11 11
** CONCITUDE TO WEAR OF WASHINGTON TO WEAR OF WASHINGTON TO WEAR OF WE	# # # # # # # # # # # # # # # # # # #	31 7.7 98 59.1 2760	* 32 52 * 4 97 29 * 7 1970	M 4-4	29 47 0 102 47 0 882 48 0	000 **M 000 NM MO MO	M 9 W 9 W 9 W 9 W 9 W 9 W 9 W 9 W 9 W 9	M & C & C & C & C & C & C & C & C & C &	30 23.2 97 55.2 38.11
Σ .	COLORADO RIVE RIVER AUT	SAN	DAM MESST FORK TRI	DENTON CREEK	RIO GRANDE	DAM CLEAR FORK BR	BRAZOS RIVER	* * * * * * * * * * * * * * * * * * *	LAKE TRAVIS COLORADO R. * DOI USBR
M 1 ID NO & PRIMARY CO. *NAME OF STREAMING O	HANNA DAM SAN SABA LOWER COLORADO	SAN SABA SABBA SABBA	EAGLE MOUNTAIN C TARRANT CO MCID	GRAPEVINE DAM Tarrant Daen swe	AGUA VERDE Terréli Ferc	BRECKENRIDGE D. THROCKMORTON DAEN SEF	PADGETT DAM THROCKMORTON DAEN GEF	TITUS COUNTY ROTITUS	LAKE TRAVIS Travis Doi usbr
ACT	***	TX6SWF016P TXU0318 TXU0318 TX	1XC8WF0175 # 1X00779 # 2 DFC I # 2	TXCSWF0173 # TX00005 # Z DFC I #	TX6GWA0103 ** TXU0105 ** S DRC I *	** * * * * * * * * * * * * * * * * * *		TXCOWF9016 ## TXU0012 ## SCP I ##	TXISMFO183 * TX01087 * S DRC I *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,10 PAGE 245 OF TABLE 1

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.11 PAGE 246 OF TABLE 1

# HF (X)	# # # # # # # # # # # # # # # # # # #	600 Nr	# # # # # # # # # # # # # # # # # # #	2005	1007	1010	2046		
	有效性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性性	2021	2044	2007	1006	2004	2046 2046	2024	
本日 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	* * * * * * * * *	# # # # #	N * * * *		<u> </u>	02	****	~ * * * * *	***
44 3	** ** ** ** ** ** ** ** ** ** ** ** **	19142	0. 10 0. 10	100 to 10	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	24 0 24 0 24 0 24 0 24 0 24 0 24 0 24 0	5605. 1944.9	910 910 910 910	66
# W W W W W W W W W W W W W W W W W W W	**************************************	66740 66740 8 8 8 8 8	44 00 44 000 44	* * * * * 000 000 000 000 000 000 000	在在中午 OMM 対対 対対 Min	**** 0.0.0 mm 0.00 mm	0.00 0.00 0.00 0.04 0.04 4.4.4.4	M W 0-00 0-00 0-00 0-00 0-00 0-00 0-00 0-	* * * * • • •
*	R R R +	****	*****	****	*****	****	****	****	***
######################################		6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1376 1376	000 100 100 100 100 100 100 100 100 100	44 60 44 000	4 4 4 4 5 5 5	0 M M	UR UR 4 4 0 0	900
	000	004 ****	*****	000	*****	****	8004 *****	8 4 4 4 4	****
# # # # # # # # # # # # # # # # # # #	1 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	110000 10000 10000	99.00 91.	0 M	11 TR	162 22010 91.9	4 6 6 4 6 0	181640	130
		* * * * *	****	* * * * *	****		* * * * *	80	****
# # # # # # # # # # # # # # # # # # #	8	37 AT 80 OT 80 OO 80 OO	0 A A A A A A A A A A A A A A A A A A A	TH 000	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 U U	00 HE	S 27	# # # # # # # # # # # # # # # # # # #
***	S	*****	Ø ₩ Ø. I is. # # # # # #	IH	****	6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	* * * * * *	8 # # # 8 # # #	W 0 W
A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		# # # # # # # # # # #	00 1 ta. * * * * * * *	1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	426-1144-1144-115-115-115-115-115-115-115-1	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Ŧ 7	3.9	6 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	COTT & CO.	M	M 2 W 2 W 2 W 2 W 2 W 2 W 2 W 2 W 2 W 2	2 30 42 1 4 C 8 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00000000000000000000000000000000000000	TE TO # 4 0000 MM M	0 * * * * * * * * * * * * * * * * * * *	# CO
# # # # # # # # # # # # # # # # # # #	**************************************	# 28 35,0 1 H RR GUADALUPE RIV* 96 55,2 1 FP	* * * * * * * * * * * * * * * * * * *	1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NORTH PORK OFF 97 6Ws,9 # CSR NORTH PORK OFF 97 6Ws, 9 # CSR NORTH PORK OFF # 199	TE NO	8 46.55 * 8 40.00 * 10.00 * 4 10.00	* * * * * * * * * * * * * * * * * * *
** * * * * * * * * * * * * * * * * * *		# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	67ANDE * 1946.9 * T	6ABRIEL R# 97 19=7 # UC	* WO WO CON CO	4 0.9 W 4 CANDY CA		**************************************

SCALE DEVELOPAENT SMALL A D D I T I O N A L Z V 9. C) CAPACITY POTENTIAL 7 R 1 C ü PHYSICAL HYOROELE

×
_
•
_
•
•
3
_
ــــــــــــــــــــــــــــــــــــــ
u
0
_
12
-
_
~
-
_
_
တ
03
L
.4.
•
-
_
Z
\vdash

HANCE BOTTE AND A CAPE				10.0	400 000 4 1 00	
**************************************					MU	
# # # # # # # # # # # # # # # # # # #					20 0	
**************************************		以		x	0.00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
# # # # # # # # # # # # # # # # # # #		* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	****	
SE S	# C = 0	在 C C C C C C C C C C C C C C C C C C C		本 (2) (3) (4) (4) (5) (5) (6) (7) (7) (7) (8) (9) (9) (9) (9) (9) (9) (9) (9	本 の	
(C) * U		********			*****	
******** *JCQ **DU *DU *DU *****	* * * * * * * * * * * * * * * * * * *	* * * *	* * * * * * * * * * * * * * * * * * * *	* 10 °C '	* () * *	*
ME R ME NO. ME R ME NO. ME ME NO. ME ME NO. ME ME NO. ME		# #C # C # # # # # # # # # # cond. #	* 0 * 0 * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	K C K K K K K K K K K W O O O	* * * * * * * * * * * * * * * * * * *
* 0 0 4 * H Z C * X H * W	* * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* ** ** ** ** ** ** ** ** ** ** ** ** *	*		* * *
* # # * # * # * # * # * # * # * # * # *	* 20 U U	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* BCCB * BC-> * * * * * *	***
业业的 ₩ Z	* 6 * # 0	* 0 * 1 * 6	* D * D * D * D	# G # 00 # A	**** TOTAL	(* * * * * * * * * * * * * * * * * * *

z

	~	
	iri	
	Σ	
	Ð.	
	0	
∀	12.5	
	>	
Z	in i	
0	0	
-		
* E	>	3
9	C)	4
0	OK:	
⋖	14.5	=
	Z	
	ie.	
Œ		u
9		Ç
	Z	i,
_	⋖	
		4
⋖	_	-
	>	
-	⊢	Ø.
Z		
in.i	ပ	Ĺ,
-	≪	1
o	a.	
a.	≪(:	•
	Ü	
الـــ		Z
~		•
ر د	∵	
 i	œ	
S)	}- -	
>	ပ	
Σ	Each	
Э.	_	
	i.i	
	0	
	730	
	>-	
	x	

* * * * * (*	**	**************	* * * * *	**************************************	- ***	* * * * * * * * * * * * * * * * * * *	**************************************	***************************************	CAPACITY.	***************************************	* * * * * * * * * * * * * * * * * * *	**	**	**	**	· · · · · · · · · · · · · · · · · · ·
ыZ	**** 4 2 0 0 H 4 1 0 H 4 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * *	# E E	***************************************		#	# 3 · E · E	* * * *	*	* 32	* 1	* * * * * * * * * * * * * * * * * * * *	****	化妆妆妆妆妆妆妆妆妆妆妆	似 似 和	*******	* * * * * * * * * * * * * * * * * * * *
	2 X X X X X X X X X X X X X X X X X X X	# # # # # # # # # # # # # # # # # # #	* W W W W W W W W W W W W W W W W W W W	* * * * * * * * * * * * * * * * * * *	* + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	*************************************	**************************************	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * C C C C C C C C C C C C C C C C C	* * * * * *	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	UD WEEK WEEK CAN	4 H G # H G # H G G A H G G A H G G G A H G G G G G G
	CN TO THE			000	o c	000			000	00	× 000 1	* * * * * * * * * * * * * * * * * * *			* 00	* • •	* 000 * * 00 *
0	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *			000	* * * * * 000	000	်ဒ်ဒ်ဒ် န	000	****	000			* * * * * * * * * * * * * * * * * * *		# 000 # 000 # 000
	**************************************				3100	000	000	* * * * * 000 00			*****	000		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		
C 0 7 A	**** NON EGN EGN EGN EGN EGN EGN EGN EG	: 1	2 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	* * # * * * * * * * * * * * * * * * * *	์ ชา		# # # # # # O 47 04 O 101 M 101		CRRRRR	M P 3	k 00-200 1	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		K OILM	× ∧u⊸om ⋅		# M+H
TOTAL	: * * * * * * * * * * * * * * * * * * *		* MO:EN 1	* * * * * * * * * * * * * * * * * * *		**** COO CO		000	: or∙m ₃		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	K	**************************************	* ** * * * * * * * * * * * * * * * * *	# 011 # 02 # 000 # 000	* 03P
* * * * * * *	######################################	回せ * * * * * * * * * * * * * * * * * * *	EXISTING HYDROPORE APPLIES TO THE POTENT UNDEVELOPED POTENT ***********************************	HYOROP AL POTE PEO POTE ** POTE	* A A B B B B B B B B B B B B B B B B B	N	3 X 4 X X X X X X X X X X X X X X X X X		# # # # # # # # # # # # # # # # # # #	H		4 6 8	TALL SITES IN GIVEN HER GIVEN HEAD	CSUM OF RANGE (COLU CAEGA IGAWA	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	n

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.46 PAGE 258 OF TABLE 1

RAC RCONOMICS RAC ROLLONOMICS RAC COLFORNIANS RANK) & COMPONIANS RANK)	· · · · · · · · · · · · · · · · · · ·	· 學 學 學 學 	* * * * * *		* * * * * *	ि य स स स स	# # # # # # # #6 ***	* * * * * * * * * * * * * * * * * * *	
# 5 4 5 6 5 F 60 F 60	**************************************	66		000 000 000 000 000 000		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00	00	200 200 200 200 200 200 200 200 200 200
	******		1000004 # # # # # # # # # # # # # # # # #	2 # # # # # O # # # # # # # #		*** 0 00 00 4 4 4 4 4	# # # # #0 O #0 #1 #1	6 6 6 0 0 0 8 8 8 8	****
**************************************	## ## OOO No ## ## ## OOO No ## ## ## ## ## ## ## ## ## ## ## ## ##	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0000MM	* * * * * * * * * * * * * *	000	# # # # # O Ø @ O O M M W wi	# # # # 0 0 0	4 4 4 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # OCO 97 97
XX XXX XXX XXX XXX XXX XXX XXX XXX XXX	# # # # # # # # # # # # # # # # # # #	* * * * * * 0 0 0 0 0 0 0		130°0 10°0 10°0 10°0 10°0 10°0	0000 0000 0000 0000	44.00 MO	4 4 4 4 4	* * * * * O O O Ø	* * * * * * * * * * * * * * * * * * *
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	IO G G U 11 1	H # # # # # # # # # # # # # # # # # # #	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # #	2 1 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 80 U	10 00 44 00 44 10	# # # Q M. W.
CACOO			41 WO W 111 W W 112 W 11	41 59.0 * 111 35.9 * 17	######################################	41 MS 9 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	41 M7.55 # # 111 SR2.51 # # 1217 # # # # # # # # # # # # # # # # # # #	41 44 8 4 4 111 44 8 8 4 4 4 8 8 4 4 4 8 8 4 4 4 8 8 4 4 4 8 8 4 4 4 8 8 4 4 4 8 8 4 4 4 8 8 4 4 4 8 8 4 4 4 8 8 4 4 4 8 8 4 4 4 8 8 4 4 4 8 8 4 4 4 8 8 4 4 4 8 8 4 4 4 8 8 4 4 4 8 8 4 4 4 8 4 4 4 8 4 4 4 4 8 4	41 31.1 ** 111 44.9 **
A TAMANY CO. FRANK OF GF GF A A A A A A A A A A A A A A A A	A STICHAM CITY CORP	* BRIGHAM POWERHOUSE NO 2 * * BOX ELDER CRE* SRIGHAM CITY CORP	* CUTLER * BOX ELDER BEAR RIVER * * UTAH POWER + LIGHT CO *	A BEAVER NARROEG A A CACHE COGAN RIVER A CACHE COGAN RIVER A A CACHE A A CACHE A A CACHE A A A CACHE A A A CACHE A A A CACHE A A CACHE A A C	* BLACKSMITH FORK PROJECT * * CACHE BLACKSMITH FOR*	A BLACKOMITH FORK (HARDMARE WAS A CACHE BLACKOMITH FOR A CACHE BLACKOMITH FOR A CACHE BLACKOMITH BLACKOMITH A CACHE BLACKOMITH BLACKOMIT	A TARIM PROFITOR A TARIA PROFITOR A TARI	LOGAN CITY CACHE LOGAN RIVER * LOGAN CITY CORPORATION *	PODUCUDING SEGUCIONAL SECULO SEGUCIO S
* * * * * * * * * * * * * * * * * * *	# UTABLE O TABLE O TAB	## UTENDY 60 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # UHONO 491	# UT6SPK0795" # UTUO059 # S DRC I #	LITNOPKOOLO	UT68PK0796 UTU0060 S DRC H *	UTISPK0800 *	UTHSPK0799 ** UT08061 **	* UTCSPK0797 * UTCSPK0797 * UT00251 *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,46 PAGE 259 OF TABLE 1

ASSESSED AS A SERVICE COOLS OF THE COLOR OF	***	****	****				****	****	
ANUL CORRESPONDE C	# # # # # # # # # # # # # # # # # # #	7413.8 42.700	4	75.00 46.00 10.00 10.00	9 80 80 80 80 80 80 80 80 80	1212.1	158.99 35.287	1646.1	N M M M M M M M
R S S S S S S S S S S S S S S S S S S S	**************************************	17 W6000 ***			****	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	444	* * * * * * * * * * * * * * * * * * *	# # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* • *	**************************************	20 mm	106000 225278 333278	15087	000	188 E	1074	41 A1	140000 140000 140000
****	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	### ##################################	M M M M	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	10000	M	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *	* * * O P. * * * * * * * * * * * * * * * * * *	11 160 140 140 140 140 140 140 140 140 140 14	HCSRO OP 2072.01	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TS T T T T T T T T T T T T T T T T T T	11 0 10 10 10 10 10 10 10 10 10 10 10 10	1CRD 10P 128.0	T I I I I I I I I I I I I I I I I I I I	0 0 0 0 0 0 1
*									
* * * * * * * * * * * * * * * * * * *	**************************************	* 39 24 4 * 109 58 4 * 39500	* # 109- 256-8-15150	* 40 B4.0 * 109 P4.0 * 15100	* * * * * * * * * * * * * * * * * * *	* 40 31.9 * 110 37.9 * 110 37.9	# 40 33.7 # 110 29.6 # 110 20.8	## 40 32.9 # 110 28.4 # 108.4	**************************************
# Σ * Σ	44444444444444444444444444444444444444	GRAY CANYON RESERT 39 44.4 GREEN RIVER # 109 58.	24 CHOACHOUR CHOACHOUR CHOACHO	GREEN RIVER EN	PARK SHEEP CREEK * 109 53	CREEK * 40 M1.9 P. 40 M1.9 P. 410 M7.9 P.	٥٢	0 42. 10 23.	*
AKKAYAKKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKA	44 44 44 44 44 44 44 44 44 44 44 44 44	CANYON RESERT 39 44.44 FREEN RIVER # 109 58.	# * * * *	* * * * *	SHEED CREEK * 109 134	# 40 31.9 0CK CREEK # 110 37.	FORK OF * 110	FORK * 110 M2	0.0 4.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1

DATE 14 FEB B1 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,47 PAGE 260 OF TABLE 1

олш	PRIMARY CO.	ANAME OF GHARA	E	* LONGITUDE * DR. AREA * (D. M. M) * (D. M. M) * (D. M. M) * (D. M. M)	***	A C C C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	A * * * * * * * * * * * * * * * * * * *	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	C1000 8)	TITLE STREET STR
	####################################	本本者を本本本を本本を本本を本本本本本本本本本本本本本本本を本本を本をませないの。 ないこうないのはな	* * * * * *	*	****	127.00	* * * * * * * * * * * * * * * * * * *	**************************************	· 我 我 有 我 我	######################################	T
UT6SPK9010 UTUO030	A TASKERCH DES	RESERVOIR LAKE FORK	* * * * * * > H Ø	40 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0	 	0 116 136 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	66 64 64 64 64 64 64 64 64 64 64 64 64 6	M W W W W W W W W W W W W W W W W W W W		3462.6 85.11	****
UTSPK0809 W UTUOD29 E	M UINTA REGERVOIR M DUCHESNE	OIR UINTA RIVER	ω *****	40 36.5 110 7.6	****	# # # # # # # # # # # # # # # # # # #	0 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	N IN IN O	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	
UTHSPKO819 TO UTOSO74	* UINTAH POWERPLANT * DUCHESNE PO * MOON LAKE ELEC AS	FRPLANT POLE CREEK ELEC ASSN INC	****	40 31.9 110 3.9	10 *****	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 000 14 4 4 4 4	4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		00 41 42 44 44 44 44 44 44 44 44 44 44 44 44	* * * * *
UTSSPK0810 * * UTU0040 * * ORC I * *	UPPER ROCK DUCHESNE	CREEK ROCK CREEK	****	40 35 35 45 46 35 46	****	147 ° 0 * * * *	100	71420		3787.1 60.255	****
UTSGPKOB12 * UTUOG42 * ORC D *	DUCHESNE	FORK LAKE FORK	****	40 35,9 110 31,0		10 10 10 10 10 10 10 10 10 10 10 10 10 1		0 M M	THERE	111301	****
UT6SPK9009 * UTU0028 * 8 0 080 8	THE PROOF	RESERVOIR White Rocks	* * * * *	40 39.2 110 0.0	****	* * * * * 00 01 01	N W N N N N N N N N N N N N N N N N N N	O III III O O PO PO NI NI NI NI		20 00 00 00 00 00 00 00 00 00 00 00 00 0	****
#1389K0817 # #100K0817 # # # # # # # # # # # # # #	YELLOWSTON DUCHESNE MOON LAKE	E POWER DIVERSION YELLOWSTONE ELECTRIC	* * * * *	40 34.5 110 19.6	10	****	4 4 4 4 0 0 0 0 0 0 0		10 M 10 M 10 M	00	.
UTSSPKO814 * UTUOO44 * UTUOO44 *	* UTSSPKOB14 * YELLÖWSTONE * UTHOO44 * DUCHESNE YELLDWSTONE * 2 DRC 1 *	YELLOWSTONE		# 40 34 5	1 H	# # # # # # # # # # # #	1498.55	C 80 20		1477 0 28 37 5	

DATE 14 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,47 PAGE 261 OF TABLE 1

TATA CAP SERVICE CONTRACT AND C	化苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	****		***	****	9			整 曹 曹
#		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	*****	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	109° 46° 46° 46° 46° 46° 46° 46° 46° 46° 46	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2000 2010 2010 2010 2010 2010 2010 2010	# M9M # 9 # 0 A 0 A 0 A 0 A 0 A 0 A 0 A 0 A 0 A 0
* * * * * * * * * * * * * * * * * * *			44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****				M W W W W W W W W W W W W W W W W W W W	
HHHH SEE S SEE S S S S S S S S S S S S S S		4 4 9 60 0 00	C) 40 46 40 40 40 40	600	11 11 12 12 12 12 12 12 12 12 12 12 12 1	00 NU 0 4 4 0 4 4	2 4 4 4 0 4 4	0 M M	# # # # O O O ori ori ori ori
****** ***** ***** ***** ***** ****	M	44.000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	0 m 0 d 0 d 0 d 0 0	4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	414	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11.08.01.00.00.00.00.00.00.00.00.00.00.00.00.
		****		****	****	****	****	****	****
1		## # # # # # # # # # # # # # # # # # #	TO	****	T * * * * * * * * * * * * * * * * * * *	######################################	A TORD A	I II I I I I I I I I I I I I I I I I I	# # # # # # # # # # # # # # # # # # #
	4 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	39 15,55 * T 111 6.4 * 100 97.	39 36.0 * H 111 12.7 * DP 130 * *66.3	80 19.0 9.0 11.0 9.0 4 H	130 146 55 # T	39 21.1 * 18 110 57.2 * DP 190 * -97	2	155.0	* US 11.00 * CI * * 11.11.00.00 * 0.00 * 0.00 * 474.00 *
THE STATE OF		COTTONMODO RESERVOIR * 39 15.5 * H EMERY COTTONWOOD CR* 111 6.4 * 18	36.0 * T 12.7 * OP 130 * * * * * * * * * * * * * * * * * * *	GRAY CANYON DAM SITE TO GREEK 3G 59.0 * I EREETY GREEN RIVER * 110 9.0 * IS W91.00 *	138 46 8 8 H 110 108 8 18 40600 8 166990	HUNTINGTON NORTH RESERVOIR # 39 21.1 # IR EMERY HUNTINGTON CR# 110 57.2 # DP US # MPRS # 190 # 190 # #97	17.3 # ICRD 1 15.1 # DP 1.35 # 90	38 59.0 * T 110 28.4 * IS 1650 * 155.0	11.0 # CI 05.0 # DP 155 # #74

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,47 PAGE 262 OF TABLE 1

STATEMENT STATEMENT OF STATEMENT STA	· 在 · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	***		*****	ni ni ni eren eren ni	· ** * * * *	
* F & F & F & F & F & F & F & F & F & F	* * * * * * * * * * * * * * * * * * *	1011 1010 1010 1010 1010 1010 1010 101	N W W W W W W W W W W W W W W W W W W W	60 00 40 00 40 40 00 40 40 00 40 40 00 40 00 40 40 40 40 40 40 40 40 40 40 40 40 4	作者 书 本 在 (2) 20 20 20 20 20 20 20 20 20 20 20 20 20	**************************************	000 000 000 000 000	200 200 200 200 200 200 200 200 200 200	
**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	2 8 8 1 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1	0.00		**** 0 4 4 4 4 0 4 4 0 4 4 0 4 4 0 4 4 0 4 4 0 4 0	044	**************************************
* * * * * * * * * * * * * * * * * * *		onn	1060756 1060756	74 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	000	* * * * * * * * * * * * * * * * * * *		000	# - O O O O O O O O O O O O O O O O O O
20 20 40 40 40 40 40 40 40 40 40 40 40 40 40	2	4444 4000 4000 4000 4000 4444	M W W W W W W W W W W W W W W W W W W W	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	90.44 9.00 9.00 9.00 9.00	12 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
									- 本
# 5 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		* * * * * * * * * * * * * * * * * * *	**************************************	TIN OF THE PERSON OF THE PERSO	110 M	T * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *
	* O	111 46.9 * 10 111 WING 9 * 10 17.0	4 0 1 4 6 4 0 1 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 0 0	8 6134 6134	38 32.9 * 18R 109 28.0 * 11P 75 * 14.0	M8 WS.9 T T CO MW.90 T T WOUND T W CO MW.90 T W CO MP T M CO MP T	226.0	187.0	75 # # # # # # # # # # # # # # # # # # #
PATANA TANA TANA TANA TANA TANA TANA TAN	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11 UNS 9 1 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 11	4 4 1 4 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6	9 13.2.4 H IS	8 32°9 * 188 09 28°0 * DP 75 * 14°0	00 MUS 00 18 II 00 MW 00 18 II 04 MW 00 18 II 04 MOUD 18 INGUID.	9 22 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 24.0 * 1 12 28.8 * DP 6270 * 187.0	1 6 1 4 10 11 47 4 4 10 1610 4 6554

DATE 14 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,47

TH 1 ID NO * PRIMARY CO. *NAME OF STREAM ACTV DEP * OWNER CODE * FILE * FILE * STATUS *		* * * * * CO	A VER. D A A A A A A A A A A A A A A A A A A		***** **** **** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** **	1000 1000	(1000 S)	TOTAL TRANSPORT COOTS A COOTS
**************************************	* U	**************************************	** COOM **	***		**************************************	**************************************	在安全有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有有
* GATEMAY POWERNOUSE * MORGAN * MEBER BASIN WIR CONS	SERVER SERVERS	41 8.2 111 49.7		000	16769 16769 210469 210469	מס צייו דע	1049 815 888	м О
INTERMEDIATE Morgan	LOST CREEK LOST CREEK	41 14.0 111 20.9	(* * * * * * * * * * * * * * * * * * *	0 7 0 0 0 0 0 0 0 0 0 0 0	000	0 * * * * * * * * * * * * * * * * * * *	11 12 13 13 13 13 13 13 13 13 13 13 13 13 13	
X	HESERVOIR LOST CREEK	11 11 11 11 11 11 11 11 11 11 11 11 11		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 # # # # # C C C 90 W		24 (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	en Ge
PIUTE PIUTE RES	SEVIER RIVER +	38 19.3 112 11.1 2400	# # I DP D12 0 4 # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	0 00 00 3 3 10 10 10 10 10 10	11 22 22 23 24 24 24 24 24 24 24 24 24 24 24 24 24	al M
* GRANITE POWERHQUSE * SALT LAKE LIT * UTAH POWER AND LIGH*	11 CO 110 N	111 44 44 44 44 44 44 44 44 44 44 44 44	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.	44 44 COO	STON TO M TO M TO M	00	40 Ni
* HYDRD (MURRAY) * SALT LAKE * CITY OF MURRAY	POWERPLANT LITTLE COTTON	4 40 WS 1 48 0 4 4 6 8 0 4 4 6 8 0 4 6 8 0 4 6 8 6 0 4 6 8 6 0 4 6 8 6 0 4 6 8 6 0 4 6 8 6 0 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	TO T		0000	6 6 20 0 40 4 40 4	c c	3
# MOUNTAIN DELL # SALT LAKE # SALT LAKE CITY	PARLEYS CREEK CORB	* 4 40 45°.1 * 111 43°.4 * 50	* * * * * * * * * * * * * * * * * * *	0000 0000 0000 0000 0000 0000	0.400	4 4 4 4 4 C C C	80 80 90 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 8	
* UTHSPKO867 * STATRS POWERHOUSE * UT08077 * SALT LAKE BIG COTTONNOO * S ORC * UTAH POWER AND LIGHT CO	DUSE BIS COTTONNO.	* 40 37.4 * 111 45.6	4	* * * ·	000	* * * * O	66	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,47

	AD BURNED CONTRACTOR	* * * * * * * * * * * * * * * * * * *	CONG CONG CONG CONG CONG CONG CONG CONG	* * * * *		A TEXT A	EEEE CO	THIS TO SET TO S	* * * * *	S C C C C C C C C C C C C C C C C C C C	THOUSE THE STATE OF THE STATE O
**************************************	THE NAME OF TARGET AND SAME TO SAME THE SAME TARGET SA	* * * * * * * * * * * * * * * * * * *		* 51 * 00 * I III * 4 * 4	* •	# # # # # # # # # # # # # # # # # # #	# C C C C C C C C C C C C C C C C C C C	4	****	4 4 0 00 4 4 0 0 4 4 0 0 4 4 0 0 4 4 0 0	公司 中国
UTESPKOSTI * UTESPKOSTI * E DRC S *	GOOSENECKS GAN JUAN GAN JUAN	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	104 90 90 00 00 00 00 00 00 00 00 00 00 00	*****	(******* O 0 0 0	26 7 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1800 1800 1847			31.577	A.
UTSSPKOS69 ** UTUOOSS ** S DRC I **	LAKE POWELL TO UPPER MOAB San Juan Colorado RI	10AB * 10 RIVE*	38 3.9 110 3.0	TH	****	10 20 20 20 20 20 20 20 20 20 20 20 20 20	4 4 10 00 10 10 0	0 m m	****	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
UTSSPKOB70 ** UTUOOS1 ** URC E**	SLICK HORN TO UPPER LIMITSAN JUAN RI	22 12 12 12 12 12 12 12 12 12 12 12 12 1	11 14 14 14 14 14 14 14 14 14 14 14 14 1	*****	*****			**** WW 777	***** OMM	12 - 45 - 45 - 45 - 45 - 45 - 45 - 45 - 4	
# 0.400.00 # # 0.400.00 # # 0.400.00 # 0.400	SLICK HORN CANYON SAN JUAN SAN JUAN	****	37 17.9 110 9.0 23500	* * * * * * * * * * * * * * * * * * *	* * * * * * 6.1	218.0 300000 207.7	N N N N N N N N N N N N N N N N N N N	M W W W W W W W W W W W W W W W W W W W	****	9161.7	
UTGOPKO679 # UTO80N4 # W DRC # *	EPHRAIM NO 1 POWERHOUSE SANPETE EPHRAIM C	# # # # # ED ED ED ED ED ED ED ED ED ED ED ED ED	111 NO. 111 NO	*****	****	* * * * 0 * 0 * M * *	150		**** Mon	00	
# # # # # # # # # # # # # # # # # # #	EPHRAIM NO 2 POWERHOUSE Sanpete Ephraim City of Ephraim	m c c m m x x	39 RO 11 111 M1 11		****	*****	© ≠≠ ≠	****	****	98,276	
UTCOPKOBTS # UTCOLUS # # UNCOLUS # # UNCOLUS # # # WILLIAM # # WILLIAM # # # WILLIAM # # WILLIAM # # # WILLIAM # WILLIAM # WILLIAM # # WILLIAM # W	GUNNISCH BEND BANDETE DESERET IRR CO	X * * * *	39 20.7 112 37.5 6270	* * * * *	*****	100001	000	***	****	64 44 44 84 84 84 84 84 84 84 84 84 84 84	
UTMSPKO882 * UTO8054 *	LOWER FAIRVIEW POWERHOUSE SANPETE COTTONWOOD FAIRVIEW CITY CORP	USE 000 CR*	11 38 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	z6.	* * * * 6 •	* * * * 0 0 0 0 9	000	* * * * 4 /4 /4 /4 /4 /4 /4 /4 /4 /4 /4 /4 /4 /	* * * *	00	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,48

# 00 M M M M M M M M M M M M M M M M M M	版 · · · · · · · · · · · · · · · · · · ·	# # # # # # # # #D ***	· • • • • •	新 本 本 表 音 紹 vs	* * * * * * * * * * * * * * * * * * *	秀 泰 泰 泰 泰 (1)	在 各 祭 祭 	* * * * * *	
4 F- 60	# 2 * * * * * * * * * * * * * * * * * * *	****	****	* * * * *	****	* * * * *	****	****	***
本の		~ Ri 4						o o	1086.0 2158.6
RESPONDED TO THE PROPERTY OF T		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				* * * * * Oin in COO OTT	* * * * * * * * * * * * * * * * * * *		12 EU
X MUHH K B B B B B B B B B B B B B B B B B B B		66 486 600 600 600 600 600 600	ल ज हा अंध्रेष (१) ज (१)		-		000 H	4 4 4 4 6 0	0 9 9
* * * * * * * * * * * * * * * * * * *			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N R	**************************************	400	N 40 ↔ 10 ± 40 ± 40 ± 40 ± 40 ± 40 ± 40 ± 40 ±	* * * * * * * * * * * * * * * * * * *	0.00° 0.00°
K	E E E E E E E E E E E E E E E E E E E	IO I	0 I		200°00	18 888 888 888 888 888 888 888 888 888	18 102 9	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1
K	2 40 2 4 4 4 4 4 4 3 4 4 4 4 4 4	. * * * * * * * *	****	****	***	*****	****	****	* * * 1
**************************************	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	P) 0 ~ 0	41 80 W	- C	~ ~ .	2 1 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2	* (1) %1	EN 4 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	1 1		* * * * *	* * * * ;	* * * *	****	***	****	Z 4
k <	AND PONE	STATE OF STA	ia:		LEBER RIVER	NOYNAD FE	TS BER RIVER	EEGER DIVER	SOUTH FORK
	MANATA BOMERHOUSE SANDETE MANTI CREE MANTI CITY LIGHT AND POW	00 N H H H H H H H H H H H H H H H H H H	CITY	TORKAGE CHAK COME ON THE COME OF THE COME	SEAR F SO	FERENCE POLICE		માં ¥ ₹	* UT60PK0895 * SOUTH FORK WEBER V UTUO013 * SUMMIT SOUTH FORK
THE STATE OF THE S	UTG095CA98CA98CA98CA98CA98CA98CA98CA98CA98CA98	3 0							UTBORKAB95 UTBOOLS 5 DRC I

1 *FRC ECONOMICS * FRC NONECONOMICS * (SECUENCE RANK) * * (SECUENCE RANK) * * (SECUENCE RANK) *	我们我们我们就会会会会会会会会会会会会会会会会会会会会会会会会会会会会会会会会		* * * * _, * *	· · · · · · · · · · · · · · · · · · ·	****	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5 # # # # # # \$4 03	2	* * * * *
8 6 8 E	######################################	44 44 60 44 60 44 44	0 m 0 m 0 m 0 m 0 m 0 m 0 m 0 m 0 m 0 m	M O O M O M O O M	C C	86. 50. 50. 50. 50. 50. 50. 50. 50. 50. 50	00000000000000000000000000000000000000	Ó Ð	0 M 0 M 0 M 0 M 0 M 0 M 0 M 0 M 0 M 0 M
	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 000 44 000 244 2004	O () () () () () () () () () () () () ()	* * * * * * * * * * * * * * * * * * *	0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	在我在我也 可以的 你的 你的 你 你 你 你 你 你 你 你 你 你 你 你 你 你 你 你	**************************************	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	在我也是我有有我你你你你 你!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0. h		000	00 00 00 00 00 00 00 00 00 00 00 00 00	######################################	000	* * * * O D D O O O O O O
* * * * * * * * * * * * * * * * * * *	**************************************	****	*****	10 00 00 00 00 00 00 00 00 00 00 00 00 0	* * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	*****	20 - C
		T H SO ST SO ST S ST SO ST S ST S	1 H 50 2 E	X III	50 E	XO IN	T.O.	99 12 H	20 657 E
2	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	40 25.4 109 17.4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	109 W6.03	2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 44 0 44 0 40 0 40 0 40 0 40 0 40 0 40	111 11 11 11 11 11 11 11 11 11 11 11 11	40 4.9 111 NO.9
Ω. Α. Σ.	SECTION SECTIONS OF SECTIONS O	SPLIT MOUNTAIN RESERVOIR ** UINTAH GREEN RIVER **	(RED FLEET) SRUGH CREEK **	A NAITEBOOKS ALLIANDON A NAITEBOOKS THE WILLIAM AND THE WALLE WAS A NAITE OF THE WAS AND THE WAS A NAITE OF THE WAS AND THE WAS A NAITE OF THE WAS AND THE WAS A NAITE OF THE WAS A NAITE OF THE WAS A NAITE OF THE WAS AND THE WAS A NAITE OF THE WAS A NAITE OF THE WAS AND THE WAS A NAITE OF THE WAS A NAITE OF THE WAS AND THE WAS	* DENETHE COLLORS * * * * * * * * * * * * * * * * * * *	CAN FORK PH AMERICAN FORK* POWER AND LIGHT *	ONEW POWERHOUSE * * HOBBLE CREEK * ILLE MUN CORP *	A A AGOT TOMNACTO	HT78PK9005 + DYNE BIAMOND FORK + S ORC D + UTAH BIAMOND FORK +
C. 4	K	SPLAT UINTAH	* * * * * UINTACK	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* BARTHOLOMEW * UTAH * SPRINGVILLE	A A A A A A A A A A A A A A A A A A A	* * * * O O O
ACT ID NO CODE CODE CODE CODE CODE CODE CODE COD	* UTUOCA6 * UTUOCA6 * 6 DRC I	UTTSPK0903 UTU0045 6 DRC I	6SPK9008 UTUO027 DRC D	UTSSPK0902 UTU0036 2 DRC D	UTSSPK0907 UTU0017 9 ICT I	UTHSPK0912 UTO8050 S DFC	UTGSPK0913 UT08051 2 DRC	UT48PK0908 UTU0018 9 ICT D	UT78PK9005 UTUO019 S DRC D

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,48 PAGE 267 OF TABLE 1

* ZHOZZ	使物物医疗状管性抗原性病性病性病性病性病性病性病性病性病性病性病性病性病性病性病性病性病性病性	6 0	* * * * * *		· · · · · · · · · · · · · · · · · · ·	****	****	*****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
#		0 0	20 € 20 € 20 € 20 €	66	666 666 666 666 666 666 666 666 666 66	00	7594 130 80 80	20 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	000 000 000 000 000 000 000 000 000 00
* 444400000		10 th	M O O 2 M O 2 M O 2 M M O	* * * * *	14064			in in	* * * * * * * * * * * * * * * * * * *
# 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		12700	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	W W W W W W W W W W W W W W W W W W W	000	0 00 00 00 00 00 00 00 00 00 00 00 00 0	0 m m	000
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	t k L	****** OOO **	* * * * * * OOO B M •	* * * * * O O O M M M	00 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * *	M M M M M M M M M M M M M M M M M M M	1000 1000 1000 1000 1000 1000 1000 100	# # # # # # # # # # # # # # # # # # #
. -	E # # E O	TO MON	IO FO SO SO SO SO SO SO SO SO SO SO SO SO SO	を	# # # # # # # # # # # # # # # # # # # #	2	C 24 80 10 10 10 10 10 10 10 10 10 10 10 10 10	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # O
* 10000		111 Wo.4 * * * * * * * * * * * * * * * * * * *	111 111 111 100 100 100 100 100 100 100	2 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	40 34.1 111 NG.7 8 40.40	40 35.9 4 111 24.9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2	111 17 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * *	K R A K A K A K A K A K A K A K A K A K	NUSE PROVO RIVER **	A * COLUMN THE STATE OF STATE	SHXTE EATER CASE	20 HX	PROVO RIVER * * CORP	## ### ###############################	AESCRVOIR (SCIOLRA ANDERRY RICK A	* * * * * * * * * * * * * * * * * * *
# Z # E # E # E		OLMSTED POWERHOUSE UTAH UTAH POWER AND LIGHT	PAYSON POWERHOUSE UTAH OTTAMBERRY WIR UGERS AG	SIXTH WATER W	GIXTH EATER	HEBER POWERHOUSE HASATCH SPRINGVILLE MUN	JORDANELLE RESENASATON	OTONERRY PESSE NAMED TO PESSE US NAMED TO PESSE US NAMED TO PESSE	A UTDSPK9007 4 SYAR 4 UT10024 4 MASATCH STRAMBERRY
*	TANGENT AND THE STATE OF THE ST	UTHSPKO915 * UTO8068 * UTO8068 *	* UTGSPK0916 * UTGSPK0916 * UTO8069 * * UTO8069 * * 2	UT6SPK0910 * UTU0023 * 9 ICT D *	UT789K9006 ** UTU0022 **	# UTHSPK0920 # UT08057 # UT08057 # # UT08057 # #	TOTESPRODII & UTESPRODII & UTUOOS6 & E E E E E E E E E E E E E E E E E E	UTCSPK0984 * UT10135 * UT10135 *	# UTDSPK9007 # UTDSPK9007 # UT10024 #



SCALF E X W DEVELO 9 ¥ A L L X O I W I O X ADDITIONAL (1) (1) (1) (1) (1) Z Z STATE CZ CZ CAPACITY POTENTIAL E E O F a HYDROELEC PHYSICAL

	*	# H U # H U U W H U W W H U W W H U W H U W W H U W W H U W W H U W W H U W W H U W W H U W W H U W W H U W W H U	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * *	* ***		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	* 3 * E * III	# U D D W W D D W W D D W W D D D W W D D D W W D D D W D D D W D	* - 0 6 * * * * * * * * * * * * * * * * * * *	* * * 0 M * 4 M	# 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0	# 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	K 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* C
	* 5 * 5	* X L C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* ~ .W	# 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# 60 m	COLUMNO
4	* * * *	* * * * 4	* * * * * * * * * * * * * * * * * * *	* * * * * * * M 00 * * M 0 * M 0 * M 0	# ↔ • ¥/∩ :	* * * * * * * * * * * * * * * * * * *	* 0-3 * 0-4 * 2-1- * 0-10- * 8-4-4-4	PD MUS)
1 1 1 1	k k	* 404	# e∩i			* 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* U1 * U2 * 00 0 * 4 4 4 4 4	CAPACITY (SUM OF
o 1	K 35 K	M D C M				100	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NTIAL C
ITY RANGE	K	* H Z U -	* ** * * * * * * * * * * * * * * * * *					L NEW POTENTIAL
CAPAC		***			0	* * * * * O	0 0	TOT
TNCNEMENTAL	K K		* * * * * * * * * * * * * * * * * * *	×	4 * * * * * * * * * * * * * * * * * * *	2 OU 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 m 10 m 20 m 4 m m 10 m 10 m 10 m 10 m 10 m 10 m 10 m	2 X
	K 3 K C C C				K	* * * * * * * * * * * * * * * * * * *	* * * * * MM. • • 0 • 10	
POTENTIAL	3 2 0	* * * * * * * * * * * * * * * * * * *	0			* * * * * * * * * * * * * * * * * * *	03 03 00 4 4 4 4 4	60 80 10 10 10 10 10 10 10 10 10 10 10 10 10
4		EXE EXE EXE EXE EXE EXE EXE EXE EXE EXE	* * * * * C	0	# # # # # # # # # #		60 60 70 70 74 74 74 74 74 74 74 74 74 74 74 74 74	
1	* * *	10 10 10 10 10 10 10 10 10 10 10 10 10 1	r	* W		k ••• ;	6 2 2	· -
•	: 3 : 2 : 10	* * * * * * * * * * * * * * * * * * *	K 春 東 東 東 東 K wi O	K	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NATALLED CAPACITY
***************************************	31 E 10		# # # # # # # # Migg., 4 # W. 100 # O Mi		k 4	##### 07.	-0. -0. -0. -0.	
***		K # # # # # # # # # # # # # # # # # # #		M # # # # # # # # # # # # # # # # # # #	* * * * * O O * * 60 C 60 A		000 000 000	H 1
* * * 3.	(ZQ () - 4 _1 ()	3 I H Z			*****			
Eu ≪ O	<u>u.u</u> ⊢ 2	1 102 1-	0 1 9	6	6 6	601	TOTAL	

EVELOPMENT ADDITIONAL 0 > (E) (M) (M) u эх эх **В**. CAPACITY AND POTENTAL S T A T S ω ≖ ⊢ PHYSICAL ပ z H œ ů E LE C æ **>**

*	**************************************	化邻苯基苯甲基苯基苯甲基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯	****	***	**	DOTENT 1	A	TAL VOLUGE CANA	ENTAL CAPACITY	A A A A A A A A A A A A A A A A A A A	# # #	**	**	****	* * * * * * * * * * * * * * * * * * * *	* * * * *
N. C.		en e zz	3			3 E m	U Z Z	***	111 127 131	r i	N N N			£ :	•	
* E Z C C C C C C C C C C C C C C C C C C		STATEMENT OF STATE	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	*	M D C A A C C C C C C C C C C C C C C C C	* H C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		**************************************	** * L C C C C C C C C C C C C C C C C C	* F C C C C C C C C C C C C C C C C C C		*
* 0.0		* ON * * * * * * * * * * * * * * * * * *	*	k E				. 00	000		000			k -	E	
* C:-		* PN :	# #	在	* 24	* ~ C C +		K (1) M (2) 1 K (1) (1) 1 K (1) (1) 1 K (1) (1) 1			* * * * * 000			* * * * * * * * * * * * * * * * * * *	# 60 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
* 4: * 0	4	* 000	*			# # # # # # # # # # # # # # # # # # #	# 40 CT	K 000 K 000 K 000 K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *		00		* * * * * *			
# + . t, t # !/r c # + !/r # + !/r	3	¥ \$	体 本					2000	K My → 1 K M → 1	. 000 . 00	00	*****	K # K # # # # # # # # # # # # # # # # #	1		. 3 1
* CM		*	* * * * * * * * OO O	* * * * * * *	* * * * * * * * * * * * * * * * * * *	* 64 64 74 74 74 74 74 74 74 74 74 74 74 74 74	* * * * * * * * * * * * * * * * * * *	* NOW + SE	K K K K K K K K K K K K K K K K K K K	* *	* 1		* * * * * * * * * * * * * * * * * * *	K 4.0		K 1000
X X X X X X X X X X X X X X X X X X X	"	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	**************************************	* ZH	*	* E E E E E E E E E E E E E E E E E E E	* 0 EFG * 0 EFG * 0 EFG * 188	TOTAL UM OF UM OF	* C 4 2 * C 4 2 * D 4 3 * D 4 3 * D 4 3 * D 7 3 * D	# HA	K	AC COUR AND RANGE	KWXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	COLUMNS 2 AND (MEGAWATT)	* * * * * * * * * * * * * * * * * * *

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,45 PAGE 51 OF TABLE 1

* * (SMBUCKE WANK) * * (SMBUCKE WANK) * * (SMBUCKE WANK) * * (GRBUKKE WANK) * * (GRBUKKE WANK) * * (GRBUKKE WANK) * * (GRBUKKE WANK) * * *	* * * * * * * * * * * * * * * * * * *	2099 2096 * *	1067 1067 1067	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Mis inis a series	2029	* * * * * *	2109 2109 2109
# CE	***	Q 	****	0 N	*****	****	6 0 0 0 * * * * *	****	* * * * *
100 GC	* m q	6.88 8.00 9.70 9.00 9.00	82.612 7.3755	4 W 40 M 6 W 6 W 8 W	4 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	 	126.48 34. 11	66	M 10 10 10 10 10 10 10 10 10 10 10 10 10
A HINCHO CONTRACTOR CO	* * * * * * * * * * * * * * * * * * *	74 044 044 4444	# # # # # 0000 0000 0000 0000	14774	M	m 44 0 mm 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W	4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
MHH MHH MHH MHH MHH MHH MHH MHH	* 0 4 4	000 000		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			# # # # # © 40 40 00 40 60 60	# # # # # 00 00 m m	# # # # 0000 H
## DAN HH ## A CHT	* * * * * * * * * * * * * * * * * * *	# # # # # O O O * 80 * O O O	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	を を を の の の を を を を を を を を の を の を の を		* * * * * 000 in	20 m 50 m 64 V 00 0	0.00 m 0.00 m 0.00 m	000
A A A A A A A A A A A A A A A A A A A	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	T T OP T T T T T T T T T T T T T T T T T	TT 100 00 100 00 00 00 00 00 00 00 00 00 0	1000 B	00 PP P	ARRES BON BON BON BON BON BON BON BON	IO 00 00 00 00 00 00 00 00 00 00 00 00 00	# # # # # # # # # # # # # # # # # # #
ASS COS	* * * * * * * * * * * * * * * * * * *	24 F 20 B 20 B 20 B 20 B 20 B	74 44 44 44 44 44 44 44 44 44 44 44 44 4	4 k 2 k 2 k 2 k 2 k 2 k 2 k 2 k 3	74 10.7 74 10.7 640	44 W W W W W W W W W W W W W W W W W W	24 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	M W 4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W	44 54 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	**************************************	*****		# # # CAEGK # # 01-14EP CAEGK # # 4	R OTTER CREEK * IC SERVICE CO*	RY UPP TYER CRK * VI. PUBLIC SERVICE CA	* * * > H& ZUN Y I BUN Y	EICEOTER RICHARICE CO.	AKE EAST CREEK * VY PUBLIC SERVICE COT
O NO A PRIMARY CO. INAME OF STREAM CODE A CODE A CO. A	ASSESSED OF STREET	HANDOCK ADD TOON	HUNTINGTON FALLS ADDITION O VI. MARBLE CO.	HUNTINGTON FALLS	MTDDLEBURY LOWER ADDISON OFNTRAL VT PUBLIC	MIDDLEBURY UPP ADDISON CENTRAL VI. PUBL	NET HAVEN HILLS	SALTSBURY ADDISON LEICES VT PUBLIC SERVICE CO	STEVER LAKE EAST CREEK ADDISON EAST CREEK CENTRAL VY PUBLIC SERVICE C
A A A A A A A A A A A A A A A A A A A	**************************************	*	VTGNEDBOLIS VTGGO11 PPC A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	VT6NED7019 * VT95101 * VT9	V46NEDB018 * V456754 * ORC 8	ANNED6140 V-1 6455 ORC H **	446N6D7018 # # # # # # # # # # # # # # # # # # #	V46NEDB0011 # 4 464150 1 # 4 67 6 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	* CHENDODOO * CHENDODOO * CHENDODOO * CHENDODOO * CHENDOO * CHENDO

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13.00.46 PAGE 52 OF TABLE 1

## ## ## ## ## ## ## ## ## ## ## ## ##	## ## ## ## ## ## ## ## ## ## ## ## ##	** 1081 ** 1081 ** 1081 ** 1081 **	THE COUNTY AND COUNTY	11 WO	1256 1256 1256 1256 1256 1256 1256 1256		** 2019 2019 2019 ** * 2019 **	** 8047 ** 8048 ** 8048 **	***
KOU GE	** ** ** ** ** ** ** ** ** ** ** ** **	5 to	172 26.630	Na Na Na Na Na Na Na Na Na Na Na Na Na N	191.66 32.462	101.78	24.00 30.00 54.00 58.00	68 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	<i>0</i> 0
# CO C C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #		W W W W W W W W W W W W W W W W W W W	M 1 M	N NU 0.00-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-		44 000 44	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #		W = 4 One One One	000	4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OM M OO OO	0 65 65 0 65 0	CMM 999 ee	OFF CON MM	4 4
**************************************		M M M			* * * * * * * * * * * * * * * * * * *		**** 0.00° 0.00° 0.00° 0.00°	10 00 00 00 00 00 00 00 00 00 00 00 00 0	
* E G O O O O O O O O O O O O O O O O O O	9	TO	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	e en	00 818 84	T S S S S S S S S S S S S S S S S S S S	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
* * * * * * * * * * * * * * * * * * *	a w	4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W	NH NH ON ON ON ON	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	71 05° 71 11° 71 11° 71	4 th 4 th 10 th 10 th 10 th 10 th	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* X 4		OTTER CREEK PUBLIC SERVICE CO.	CENTER METTAMES RIVER	DEERFIELD RIV	HONSIC RIV	WALLODMSAC RIX	VOON BOOK	SERPERS RIVERS	α :
* 1	######################################	WEYBRIDGE ADD18DN CEN1RAL V1	HANCHESTER CENT	GENERAL SON TON TON	TANNING COMP D BENNINGTON POWNAL TANN CO.	VERNONA TIGRER BENNINGTON VERNONA TIGRER	E" ST. JOHNSBURY CALEDONIA M	FISH HATCHERY CALEDONIA	* VTGNED8041 * GAGG * VTGASO6 * CALFDONIA PASSULAPSIC * VTGASO6 * CALFDONIA PASSULAPSIC * VTGASO6 * CALFDONIA PASSULAPSIC * VTGASO6 * CALFDONIA PASSULAPSIC * VTGNED8041 * GAGGE * VTGNED8041 * CALFDONIA PASSULAPSIC * VTGNED8041 * CALFDO
# # # # # # # # # # # # # # # # # # #	VTGNEDBO16 VT66013 PRC 13	4 CAGNIA * * CAGNIA *	* * * * * * * * * * * * * * * * * * *	*	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* V16NED7011 * V194503 * * V194503 * *	* VT6NED7012 * * VT94505 * * P DRC I *	* * * * * * * * * * * * * * * * * * *

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,46 PAGE 53 OF TABLE 1

44444444444444444444444444444444444444	2 2 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1502 * 1502 * 1502 *	2069 2066 * 2066 *	2039 2038 # # 2038 # # # # # # # # # # # # # # # # # # #	2056	2079 2076 2076 *	1090	2109 ** 2106 **	
# * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	101 100 100 100 100 100 100 100 100 100	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # M O 40 0 0 0 0 0 0 0 0 0 0 0	00.00 00.00 00.00 00.00 00.00 00.00	92.478 61.871 871	7 200 200 200 200 200 200 200 200 200 20	2 00 00 00 00 00 00 00 00 00 00 00 00 00	表 本 本 野 CO * ST * ST * ST * ST * ST * ST * ST * ST
# (U > > > > # 2 (U U U C C C C C C C C C C C C C C C C	**************************************	24 C C C C C C C C C C C C C C C C C C C	M M M M M M M M M M M M M M M M M M M	A R R R R	0 m m 60 40 61 40 61 40 61 40	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	217071V
# 4 4 0	K K K K K K C M M K C M C M K C M C M K C M C M K C M K K K K K K K K K K K K K K K K K K K	N) N) 	***** CMM -0-0 -0-0	24 060	4.4 000 000	4.4 0.40	7 7 7 7 7 7 7 8 9 7 7 8 9 7 7 8 9 7 7 8 9 7 7 8 9 7 7 8 9 7 7 8 9 7 7 8 9 9 7 8 9 9 7 8 9 9 7 8 9 9 7 9 9 9 9	1000 1000 1000	14981 14981
* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	10000 10000 10000 10000 10000	00000000000000000000000000000000000000	0.00 0.00 0.00 0.00	0 0 M P 0 0 M P 0 0 M P	000 000 000 000	100000	* O * * * * * * * * * * * * * * * * * *
**************************************		# # # # # # # # # # # # # # # # # # #	T 1000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	I 108 4 108 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TH ****	T 00 44 00 00 00 00 00 00 00 00 00 00 00	10 60 80 80 10	# # MO. 100 # # # MO. 100 # # # # MO. 100 # # # # # MO. 100 # # # # # # # # # # # # # # # # # #
######################################		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 20 20 20 20 20 20 20 20 20 20 20 20 20	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 19 1 72 7 0 0 1	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	* 44 24 6 * 70 11 9	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* *	k #4	KE LAMOILLE RIVE. HARDWICK	S S S S S S S S S S S S S S S S S S S	MILLER RUN	50 0 M 0 0 0 M 0 0 0 M 0 0 0 M 0 0 0 M 0 0 0 M 0 0 0 M 0 0 0 M 0 0 0 M 0 M 0 0 M 0 0 M 0 0 M 0 0 M 0 0 M 0 0 M 0 0 M 0 0 M 0 0 M 0 0 M 0 M 0 M 0 0 M 0	HOLLOW BROOK	ASSULT OF THE CO.	JOHO BROOK Paper Co.	CONTRACTO
A CHOLL OF THE A CHOLL	SANAGAS SANAGA	HARDWICK LAKE CALEDONIA VILLAGE OF HARD	JOES BROOK CALEDONIA	LYNDON CENTER Caledonia	MILE 1 CALEDONIA	MILE 2 Caledonia	PASSUMPSIC CALEDONIA CENTRAL VT PUB.	SEST DANVILLE CALPOONIA GREEN MOUNTAIN	EAST RYGATE CALENDONIA COM PAPER CO.
# # BOO O O O O O O O O O O O O O O O O		*	* V16N6D7016 * V194681W * * DRC I * *	* VT6NED7010 * * VT94601 * * Z DRC I *	** VT6NED7013 * * VT94609 * * 2 DRC I *	* V16NED7014 * V194610 * V194610 * X	*	* V16NED9030 * * V16L180 * * * V16L180 * * * * * * * * * * * * * * * * * * *	* VTANED6177 * EAST RYGATE * VT 4769 * CALENDONIA CONN RIVER * 2 DRC I * CPM PAPER CO.

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,46 PAGE 54 OF TABLE 1

* OB	* O	2036	1029	1104	Qi ID Ri	0.00	£11		
* C Z C Z M Z K Z C Z C Z M Z M C C C Z Z M C M C Z M C M C	* 0	6 6 6 6 7	029	1104	en en	0 9 0 0 0	2112		•
* B B B B B B B B B B B B B B B B B B B	# 00 # 00 # 00 # 00 # 00 # 00 # 00 # 0	2037	•	1104	1252 12	08080			
** 0	***	N: .	* * * * *	· =	****	N:		****	***
* F G C C C C C C C C C C C C C C C C C C	* C &C &	M	60 60 60 60 60 60	• RU • • • • • • •	5. 7. 63	14	M 4	CO	66
A MERCAN	* * * * * * * * * * * * * * * * * * *	m e m e m m	a . Ma	114	N N A 11 B	. 4	2 6 5 6		
****	* * * * * *	****	ON:0	4444	****	****	* * * * *	****	***
A CALL O	# # # # # # # # # # # # # # # # # # #	24 24 44	T N	44 44 60 00 60 00	1000 1000 1000 1000 1000 1000 1000 100	W W	W + 4 W + 4 C 40 40 C 40 40	23100 23100	7400
*	* 000	7007	* * * * *	000	****	* * * * * C O O	044 044 ****	*****	****
# W W W W W W W W W W W W W W W W W W W	**************************************	22	W W W	0 6 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 W W W W W W W W W W W W W W W W W W W	F F	9 0 0 9 0 9 0 0 9 0 9 0 9 0	0005 0008	1100
*****	***	****	000	****	****	****	****	****	* * * *
** DAX H4 ** ** DAX H4 ** ** TEN ** (F4) ** (F4) ** (F4) **	* * *	N 44 O 2 W	4 4 4 4	4 4 M M	Ø Ø	- 40 0 40 0 40 0 40 0 40 0 40 0 40 0 40	a a	0 % 0 %	in the
******* *C. O. O. *D. O. O.	* .	****	0	4 4 8 8 8 8 8 8 8 8	****	10.11	0 * * * * * *	****	****
* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	13 13 13 13 14 15	10 00 10	10P	1099	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 9 6 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 90 872	T
******	*								
* m m	* * * * *	*****	* * * * *	****	****		****	****	
A MARKED & M	# # # # # # # # # # # # # # # # # # #	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	80 80 90 90 90 90 90 80 80 80 80 80 80 80 80 80 80 80 80 80	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	28°8 7°1°7 1040	9.00 60 60 60 60	8 6 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4000 4000 4000 4000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
**************************************	**************************************	4	44 W6 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	44 29. 73 10.	4 to 10 to 1	44 44 85 85 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	44 38 7 4 7 6	44 38. 73 9.	10 m m m m m m m m m m m m m m m m m m m
* * * * * * * *	* * * * * *	E	1VE* 73 69	* 44 20 3 10 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	# # # # # # # # # # # # # # # # # # #	I V	1 VEA 73 90.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* E	* * * * * *	RIVER # 73 0°	M	* 44 20 3 10 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	# # # # # # # # # # # # # # # # # # #	I V	1 VEA 73 90.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* E	* * * * * *	RIVER # 73 0°	# 44 36. 10ILLE RIVER 73 6.9 SERVICE CO# 69	* 44 20 3 10 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	# # # # # # # # # # # # # # # # # # #	A 44 WB TOTILLE RIVER OF A WE CE COS OF A SERVICE COS	1 VEA 73 90.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* E	* * * * * *	E	# 44 36. LAMOILLE RIVE, 73 6. UBLIC SERVICE CO. 69	* 44 29. WINDDSKI RIVE* 78 10. PAPER CO. * 108	A TANCOOKH TAVER 14 A A A A A A A A A A A A A A A A A A	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 44 38 LAMOILLE RIVER 73 7 BLIC SERVICE COA 6	# ## ## ## ## ## ## ## ## ## ## ## ## #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* E	* * * * * *	A A A A A A A A A A A A A A A A A A A	8 # 44 36. PUBLIC SERVICE CO* 69	* 44 29. WINDDSKI RIVE* 78 10. PAPER CO. * 108	A TANCOOKH TAVER 14 A A A A A A A A A A A A A A A A A A	HUNTINGTON RIF TH USD.	* 44 38 LAMOILLE RIVER 73 7 BLIC SERVICE COA 6	FALLS * 44 36. * 44 36. * A 44 36. * A 46 36. * A	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* E	* * * * * *	A A A A A A A A A A A A A A A A A A A	8 # 44 36. PUBLIC SERVICE CO* 69	* 44 29. WINDDSKI RIVE* 78 10. PAPER CO. * 108	A TANCOOKH TAVER 14 A A A A A A A A A A A A A A A A A A	HUNTINGTON RIF TH USD.	* 44 38 LAMOILLE RIVER 73 7 BLIC SERVICE COA 6	FALLS * 44 36. * 44 36. * A 44 36. * A 46 36. * A	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* E	*****	BROWNO RIVERS AND ON THE REAL WAS A	# 44 36. 10ILLE RIVER 73 6.9 SERVICE CO# 69	* 44 20 3 10 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	FINODOKI DIVER 73 PAPER CO. * * 1	HUNTINGTON HUNTINGTON RIF 73 59.	A 44 WB TOTILLE RIVER OF A WE CE COS OF A SERVICE COS	# ## ## ## ## ## ## ## ## ## ## ## ## #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
**************************************	PART AND COLOR OF THE PROPERTY	A BROWN RIVER BROWNS RIVER A 144 W6.	* CLARKS FALLS * CHITTENDEN LAMOILLE RIVE* 73 6. * CENTRAL VI PUBLIC SERVICE CO* 69	* GORGE RIGHTEEN * 44 20.	* GORGE VINETEEN * CHITTENDEN * CREEN KOUNTAIN PAPER CO. * 1	HUNTINGTON HUNTINGTON RIF 73 59-	* MILTON FALLS * 44 38 * CHITTENDEN * CENTRAL VI PUBLIC SERVICE CO* *	0 & PETERSON FALLS 44 36. 4 CHITTENDEN LAMOILLE RIVER 73 9. 4 CENTRAL VI PUBLIC SERVICE CO* 70	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
**************************************	PARTICIONAL SOLICA STATES AND SOLICA STATES OF SOLICA SOLI	A BROKN RIVERS BROKNO RIVERS A 14 W6 A 44 W6 A 44 W6 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A	8 # 44 36. PUBLIC SERVICE CO* 69	* GREEN MOUNTAIN PAPER CO. * 100	A GONGEN NINEHEEN ALACOOKH NINEHATEN A GAREN ACUNHARN PAPER CO	HUNTINGTON TONTINGTON RIS 73 59.	* 44 38 LAMOILLE RIVER 73 7 BLIC SERVICE COA 6	A PRIFRAGON FALLS * 444 UGB * CENTRAL VI PUBLIC GERVICE CO*	A CONNECTION OF A CONNECTION A CONNECTION A CONDINCT A CONNECTION A C

\$ \$ \$ \$ O O O IN IN O O	000		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #
	- 4 2		# 0 # # # # # # # # # # # # # # # # # #	* 0°00 *	\$ 4 0 MM 47 SALIE 4 9690 U
M BOD GONU H BBCC ONN		ก่ เก๋ เก๋ ก๋ ก๋			
#### 900 444	•	・	# # # # # # # # # # # # # # # # # # #		4 44 50.05 4 T
		* * * * * 0 0 0 0 0 4 4		6 C	

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,46 PAGE 56 OF TABLE 1

RC RCONDICA RC COMPOSITION RC COMPOSITION RC COMPOSITION REDURNCE RANK) (GEDURNCE RANK)	444444444444444444444444444444444444444	1030	2034		2085 2085 2085	800 800 800	430	9 6 8 9 9	م ء ء م
	**************************************	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	in In O		0 80 80 80 80 80	10 8 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2 4 3 0 5 4 4 5 4 5 4 5 6 5 6 6 6 6 6 6 6 6 6 6	80% 80%	
25 25 25 25 25 25 25 25 25 25 25 25 25 2	# # # # # # # # # # # # # # # # # # #	24 20 21 21 22	60 60 60 60 60 60 60 60 60 60 60 60 60 6	66	4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	.0.0. 	44 40 64 64 64 64 64 64 64 64 64 64 64 64 64	~ H	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
	双角角 电电子电子电子电子电子电子 电二分子 医二分子 医二分子 医二十分 医二十分 医二十分 医二十分 医二十分 医二十分 医二十分 医二十分	M W W W W W W W W W W W W W W W W W W W			CHERKE COCIED IN SIN CHECK COLOR COL	60 00 00 00 00 00 00 00 00 00 00 00 00 0	*****	* * * * * * * * * * * * * * * * * * *	. * * * 6 Op 0
 Q.Q.	**************************************	* * * * * * * * * * * * * * * * * * *	660		**************************************	* # # # # O # # O # # O # # O # #	* * * * *	6. 60 4.44 0.44 0.44	* * * * * ** * * * * * *
***		4 4 0 0 4 6 000	2-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4	88 8 8 8 C C C C C C C C C C C C C C C C	* * * * 8 4 100 000 4 100 4 100	원 BU	* * * * * OOO O O M M		* * * * O IN O N (
A A T A T A T A T A T A T A T A T A T A	0 P	TO TO TO W4 8 00W	** * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *		CC CC CC CC CC CC CC CC CC CC CC CC CC	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 W W W W W W W W W W W W W W W W W W	44 44 44 44 44	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 6 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	100 100 100 100 100 100 100 100 100 100	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 44 44 44 44 44 44 44 44 44 44 44 44
TANDLES TANDERS OF THE STATE OF	A TOSTAGE TO A TOS	A LLS LAMOYLLE RIVER OF MORRIGOVILLE A	LAMOILLE AL	A LLLE LAMOILLE RIVER OF MORRISVILE &	MILD BRANCH *	LAMOTLLE RIVER	E DAM E MELLO RIVER * POWER CO.	#1 MELLS RIVER #	BRADFORD WALTS RIV S CENTRAL VI.P.S.CO. 8
	のセン	CADVS FALLS LAMDILLE VILLAGE OF V	JOHNSON	MDRRISVILLE LAMDILLE VILLAGE OF N	WILD BRANCH LAMDILLE	WOLCOTT DAM Lambille Unknown	BOLTONVILLE ORANGE GREEN MNT, P	BOLTONVILLE Drange	BRADFORD ORANGE CENTRAL VT.P
	***	VTGNEDBOILL # VTGNEDBOILL # VTGNEDBOILL # DRC #	VT6NED7007 # VT93351 # P DRC I # 8	V46NED90110 V V45UG00110 V DFC DFC	VT6NED7008 # VT93701 # VT93701 # W	446NED3040 446NED3040 V4643110 DRC DRC	VTMNEDSSOS * VTO7894 * VTO	VT6NED7022 # VT97350 # 2 DRC I #	* VIENTOSNIN * VIE

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,47 PAGE 57 OF TABLE 1

* COXZ4:	K CO K CC K CC K CC K CC	20 CO CO CO	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	* * * * * * * * * * * * * * * * * * *	* * * * * * ·	M M O N	70.2	27 27	1101 101 101 101 101 101 101 101 101 10
		908	2015	262	1097		5	10 24	1101
######################################	# # 60 # ==1	2089 5	2018 2018	1262	1097	60 10 10 10	127	1154	1101
****** *E	* C * * * * * * * * * * * * * * * * * *	Q * * * * *	****	****	****		 * * * * * * *		
	* 0 0 * 1- 10 *	547	. 44 8. 40	O In	878	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 CO		M 400 440
E > of	# 4 0 # 4 0 # 10 # 10 # 10 # 10	7.5	163	32.5	4 4	0 4 0 60 10	6 6 60 M 94 may	101	27.330
KAN C	****	* * * * *	****	* * * * *	****	****	****	****	*****
K PUUSSK KUUOOO KUUUOOO KUUUOOO	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	61939 61939	33 33 34 37 37 37	1200 1501 2721	18089	4000 1379 5379	4000 3637 9637	5000 2714 7718
######################################			.0.0	,,,,,		44 44		-i	*
R (L) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.0.0	4 * * * * ·		O 50 40		*****		* * * * *
**************************************	2 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	000	1957	4 5	500 148 748	10808 10808	800 1090	4000 14000 5400	**************************************
E - U333 E - XXX E - X	k k k			•					*
	*	****	****	***	***	****	****	****	* * * * *
101010	1 4 6 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	60 87.80 81.00	44.00 4.00 0.00	0008% 00009 0.00	8 8 0 0 0	1900	0.7 k	0 0	N N X
# # # # # # # # # # # # # # # # # # #	k k k		40		***	****			* * *
0.10 10 10 10 10 10 10 10 10 10 10 10 10 1	k in	80 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	数: 44 本 本 A A A A A A A A A A A A A A A A	60 60 60	4	38	in o	en en	I
	K 0.1	e. So XH	Σ ⇔ ευ ş Ν	0. •178	10 10 175	. (i (i (i (i)	x 6	I C	* * * * * * * * * * * * * * * * * * *
# CL # CL	***	***	***	****	***	***	****		
# # # # # # # # # # # # # # # # # # #	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	0.00 W@ 4	0 to M	W4 * 00 4 0 1-	N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 M +4 • • O O NU 60	8.04 8.04	10°7
TANGOOS TANGOOS	4 4 6	N CO	2.1- N.U	4	2 tr 2 tr 10 tr	4 K 4 K 10 UI	44 5	44 50 50 50 50 50 50 50 50 50 50 50 50 50	44 44 10 44 11 44 11 44 11 44 11 44 11 44 11 44 11 44 11 14 14
R	* * * * * * * * * * * * * * * * * * *		****	* * * * *	****	* * * * *	****	***	* * * * *
× 4 .	* * *	B A N C I	R 1 F	æ	noi	ER ER SA SA SC ST	RIVER	IVER	N EN
# 60 # b. # E	# 60 # 60			OMPOMP	MISSISGUOI	88	CLYDER	30 00 1	CLYDE AIVE
* X & C & C & C & C & C & C & C & C & C &	# 60 # 14 # 14 # 3	F 切 坦 3	N O		# E 60	成	S.	CLYDE RIVE UTILITIES CO.	WD CLYDE RI
	#			*	7	1.1		نـــ	_r i
**************************************	K & & &	F) (C	LS	ã.	ω ·	111	03
#	を を を を を を を を を を を を を を	F A T	F 20 10	LAG	<u> </u>	2	0. Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	11 00 N N N N N N N N N N N N N N N N N	03 L LX 08 08 08 08 08 08 08 08 08 08 08 08 08
**************************************	《		######################################	VILAG E Ned	AKERO FALLS RLEANS ITIZENS UNI	AY SEANCH BE	URBER LAKE RLEANS NKNOWN	EMPORT RLEANS ITTZENS UTI	REPORT TED RURANG TITZENS LITE
**************************************		* * * * * * * * * * * * * * * * * * *		A CRANGE A DAEN NED	A A A A A A A A A A A A A A A A A A A	100 A & & & & & & & & & & & & & & & & & &	T T T T T T T T T T T T T T T T T T T		A NEWPORT TEO & CHINES & CHINE
A COOR A	*** * * * * * * * *	* * * * * * * * * * * * * * * * * * *	***	A CRANGE A DAEN NED	A A A A A A A A A A A A A A A A A A A	100 A & & & & & & & & & & & & & & & & & &	T T T T T T T T T T T T T T T T T T T		BOJZ & NEWBORT TWO OIM & ORLEANS CO & CITIZENS UTIL
* C	# * * * * * * * # * * * * * * *		****	UNION VILAG Drange Daen Ned	BAKER BOOK OF CALERANG	102 200 200 200 200 200 200 200 200 200	VTGNEDBOGS & LURBER LAKE VTG1254 & ORLEANS 2 DRC # UNKNOWN	NEMPORT ORLEANS CITTENS	NEEDDRI CRIMANS CHIMANS

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00,47 PAGE 58 OF TABLE 1

# # # # # # # # # # # # # # # # # # #		EU ≪	****	ONGITUDE OR ANERA ON ANERA ON ANERA ON ANERA	****	a ~	* * * * * * * * * * * * * * * * * * *	***** MH DOC SOCIAL SOCIAL	Z Z W	000 000 000 000 000 000 000 000 000 00	A WIND CONTRACTOR AND
	* C C C C C C C C C C C C C C C C C C C	本 CK 者 者 2-1	****	# IN	****	** * ** * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	**************************************		119.02 70.02	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
TGNEDBO33 v VT61255 v DRC v	PENSIONER POND ORLEANS BARTON VILLAGE	0	****	2 (4) N. W 2 (4) (5)	****	* * * * * 00 00 18 00 18	000	* * * * * * * * * * * * * * * * * * *	***** 4 * * * * 5 * * * * * 1 * * * * * *	63.000 13.000 13.000	* * * * * * * * * * * * * * * * * * *
FGNED 8037 ** V168044 ** DRC **	CARVERS FALLS FRUTLAND	POULTNEY RIVE	3 h	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	****	10 00 01 01 01 01 01 01 01 01 01 01 01 0	24 N 24 N 20 O	* * * * * *	* * * * * * * * * * * * * * * * * * *	M NU 	* 1043 * 1043 * 1048
V46 NED 70 W6 * 1 V40 860 4	EAST CLARENDON RUTLAND	MILL RIVER	****	ພ ພ ພ ພ ⊶ ໜ ທ ໜ ຈ	****	T SH	78 000 78	0 NI NI O NI NI O O O	**************************************	109. 40.0%	** 2020 ** 2020 ** 2020
446NEDBO22 4168034 4 09C	GLEN RUTLAND CENTRAL VT PUBL	EAST CREEK PUBLIC SERVICE CO	****	W RI 0-40 	****	TO	12 M			00	****
V4NNED85811 * 1 V408001 * * D2C * * P D2C * P	NEEDHAMS MILL RUTLAND A. GRAHAM CAREN	HUBBARDT RIVE	****		****	00 00 00 00 00 00 00 00 00 00 00 00 00	6 6			च ता १९ ६० १९ ४ १९ ४	
V4ANED8519 * 1 V408054 * * 0 DRC * * * + + + + + + + + + + + + + + + +	NEGHORES RETIANO CENTRAL VT.	NESHOBE RIVER	****	2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	00 8617 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	F- N N 3 - P 0 0 N 60	10700
VT6NED7034 * 1 VT98601 * * DRC I * *	NORTH PANCET	METTAWER RIVE	****	0 M 0 M 3 M 3 M	****	# # # # # # 00 00 00 11 00 12 13 14 15 16 16 16 16 16 16 16 16 16 16	0 0 80 N → N eb. c C C C C	C 18 18 18 18 18 18 18 18 18 18 18 18 18	######################################	4 0 4 4 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6	# 2041 # 2041 # 2039
VT6NED7033 # VT98600 # P DRC I #	A VT6NED7033 # PAMURT * VT98600 # RUTLAND METTAMMENT	M >	* * * * * 2 * W W	20. 10.6	***	*** * * * * * * * * * * * * * * * * *	W 44 4 000	5 4 5 5 C C C C 60 60	2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		2017

RC CONOMINATION OF THE STATE OF	1 1 1	****	1499	2068 2062 2068 4 4 5068	1116	\$ 4 4 5 6 M 3 4 4 5 6 M 3 4 4 5 6 M 3 4 M 3 4		1107	
			16 Wate 70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11 11 11 11 11 11 11 11 11 11 11 11 11	00 60 60 60 60 60 60 60 60 60 60 60 60 6		N 4 N 0 5 N 10 N 10	P 0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	**************************************
AMENICAL STATES AND A AN	# # # # # # # # # # # # # # # # # # #	11 12 00 00 00 00 00 00 00 00 00 00 00 00 00		# # # # # OOO: WW WW	* * * * * * O II II M M II II M M N M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	10000 1000 1000 1000 1000 1000 1000 10	* 00 % 99 * 00 % 99
	# # # # 00-00 m # # # #	# # # # # OM # # M M M M M M M M M M M M	# # # # # # O O O M M M M	10 81 14 10 CACAC CACAC	SEREE SERE	10 10 10 10 10 10 10 10 10 10 10 10 10 1	44 0 0 0 4 4 4 4 4	M M ON P ON S ON S ON S ON S ON S ON S ON S ON S	* COOM
****** -&O	# # # # # #	# # # # # O O 00 F O O F	000	203 203 203 200 000 4 4 4 4 4	000	2 2 2 2 2 0 0 0 0 0 0 m	M		## ### ### ### ### ### ### ### ### ###
AVELS AVELS CCFS		T. C.	# # # # # M M M M M M M M M M M M M M M	T	* * * * * * * * * * * * * * * * * * *		A A A A A A A A A A A A A A A A A A A	10 00 00 00 00 00 00 00 00 00 00 00 00 0	T C # # # # # # # # # # # # # # # # # #
4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	**************************************	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	72 48.7 72 48.7 85.0	40 40 40 40 40 40 40 40 40 40 40 40 40 4	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *	ARAKAKARAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKA	0	011ER CREEK	DTTER CREEK	E E E E E E E E E E E E E E E E E E E	TONATE THEODY	MINDOOKIR RIVER	MINDOSKI RIVE PAPER CO.	MOCITY SALES ACTIVE BROOK SACINGTON ACTIVE SONDON ACTIVE SONDON SALES SA
2	1808	ູ້ຄວ	000	JRD	BOLTON FALLS WASHINGTON WINI GREEN MT. POWER CO	DANTELS MILL WASHINGTON LINKNOWN	E" MONTPELIER Washington	MIDDLEGEX 180. MAGHINGTON GREEN MOUNTAIN	MULLYS FALLS WASHINGTON GREEN MOUNTAIN GREEN MOUNTAIN
	A * * * * * * * * * * * * * * * * * * *	PROCTOR RUTLAND VT MARBLE	RIPLEY MILLS Rutland Rutland Plyw	WALLINGFO RUTLAND	BOLTO WASHI GREEN	DANTELS EASHING UNKNOEN	E SE	M T D D G R E E	A A A A A A A A A A A A A A A A A A A

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,000,47

# CATE ROLL OF THE CATE OF THE CATE OF THE CONTROL OF THE CATE OF	在在在在在在在在在在在在在在在在在在 OV = 000	4 00000 4 00000 4 0 00000 4 000000	A SALE SALE A SA	4 4 000 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0	2520 * 17000 * 204,98 * 2118 2759 * * 183 * 1120,1 * 2118 6279 * 16816 * 1120,1 * 2112	1201 a 6940 a 160,70 a 1181 1201 a 6940 a 20,070 a 1181 1201 a 6940 a 20,070 a 1181	40800 * 218000 * 960.59 * 1144 * 17429 * 1144 * 17429 * 1144 * 17429 * 1144 * 1		# 100 F 100
A CPT A COTO A C	**************************************	* * * * * * * * * * * * * * * * * * *	4 0 4 4 6 MN 2 4 0 4 4 6 MN 2	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 CO 0 7 III 4 CO 0 7 III 4 CO 0 7 III 4 CO 0 1 III 4 CO 0 III 4 CO	# O M O # NO M O # A O M O # A O M O # A O M O # A O M O M O M O M O M O M O M O M O M O	10 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	**
## # # # # # # # # # # # # # # # # # #	4 10 10 10 10 10 10 10 10 10 10 10 10 10	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 17 3 3 4 7 7 4 42 4 4 4 1 1 30 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 9°4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	72 46 1 1 1 0 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 20 20 20 40 40 40 40 40 40 40 40 40 40 40 40 40	4 4 4 4 4	4 4 1 1 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4
1	MANUAL PROPERTY OF THE PROPERT	A MONTPELLO POLO A MANUALLO POLO A GORRO MIL POLETO CO.	* MORETOWN FIGHT ** ** XASHINGTON MAD RIVER ** AICHARD HUNGRAFORD **	A NORTHFIELD MILL A MAGNINGTON DOG RIVERS A UNKNOWN	* WATERBURY RESERVOIR * * HASHINGTON LITTLE RIVER * * GREEN MOUNTAIN PAPER CO. *	T MEST RIVER TO DAEN NES	BELLOWS FALLS * YINDHAM CONNECTICUT R* NEW ENGLAND POWER CO. *	BROCKWAY MILLS WINDHAM WILLIAMS RIVE*	BUNDY BADDK
**************************************	. U	ATTINED OD THE TOTAL OF THE TOT	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	WARNEDS AND STATE OF THE STATE	**************************************	# OPOPOPOPOPOPOPOPOPOPOPOPOPOPOPOPOPOPOP	* + + + + + + + + + + + + + + + + + + +	4 V16 NED 10 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* VT6NED7043 * VT99404 *

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13,00.47 PAGE 61 OF TABLE 1

* XC X X X X X X X X X X X X X X X X X X	* * * * * * * * * * * * * * * * * * *	20 00 00 00 00 00 00 00 00 00 00 00 00 0	****	* * * *	****	****	0 0 0 0 0 0	* * * * * 0.0 0.0 0.0	* * * *
* X C C C X M * C C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	2056	2072 2	290 1	324	102	у В. Ф.	6 6 6 6 7	1172
**************************************	* * * * * * * * * * * * * * * * * * *	20 05 50 05	t. 100 100 100 100 100 100 100 100 100 10	1290	1324	1102	1255 1259	2002 2002	2
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	100 mm m	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 000 000 000 000 000 000 000 000 00	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10001 100000 100000 100000 100000 100000 100000 100000 100000 1000000	UN M CO W CO W CO C	6.90 6.90 6.90 6.90 6.90 6.90 6.90 6.90	P CU I
* # # # # # # # # # # # # # # # # # # #	**************************************	00 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * © © © AI AI NI AI	**** 0'A 0'A 0'A 0'A 0'A	44 000 000 000 000 000	100000 1000000000000000000000000000000	* * * * * O wi wi M M W M	* * * * * O = = In In M M = = =	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* 004000		* * * * *	# # # # # O st s	22 0 10 0 10 1 10 1 10 1 10 1 10 1 10 1	# # # # # # Op 0 	00000 4000 4000 4000 4000 4444	* * * * * * * * * * * * * * * * * * *	**** Union Pinion Pinion	1240 1710 1710
**************************************		0 9 9 0 0 0 0 0 0 0 0 0	# # # # #	000	**** OON 90 90 MN			0 M M M M M M M M M M M M M M M M M M M	18000
	*** *** *** *** *** *** *** *** *** **	2 E	100 100 100 100 100 100 100 100 100 100	0.00 47.00 4 * * * * * * * * * * * * * * * * * * *	CC	100 100 100 100 100 100 100 100 100 100	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # C 9 /	T 000
		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	24. MW 24. MW 26. MW 26. MW 26. MW 27.	2	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	43 10°7 70, 49°5 43	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
k Y	SARATER SARATE S	MASH BRANCH	LE MINDHALL DIVER	RES DEERFELD R.	DAM WEST RIVER	CONNECTICUT R	WEST RIVER PUBLIC SERVICE C	NEST RIVER	BLACK RIVER
K C C C C C C C C C C C C C C C C C C C	*	NO 10 WINDHAM	RAMSONVILLE	COMERSEL DES MINDHAM NEW MINGLAND	TOENCHEND TOENCH	VERNON VERNON VERNON VERNON VERNON	E DIMMERSOLON E E CHUNDIAM CHUNDIAM CHUNDIAM CHUNDAM C	W ONDONDERRY WINDHAM	TO HOUSE A
**************************************	# 000000000000000000000000000000000000	* VT6NED7047 * VT99418 * V	## V16NEDV0451 # V199408 # E DRC I #	* VTCNED6894 * VT 9518 * VT 9518 * 2 07C T	**	* * * * * * * * * * * * * * * * * * *	** VTANED6295 ** VT 9751 ** VT 9751 **	* V16NED7044 * V199407 * 2 DRC I	*

DATE 14 JUL BI NATIONAL HYDROELECTRIC POWER STUDY TIME 13.00.48 PAGE 62 OF TABLE 1

* THO TO WE * THOU		1478	1234	1309	2051 2051	1426	1967 1444 1444 1444	**************************************	1000 1000 1000 1000 1000 1000 1000 100
# C C C C C C C C C C C C C C C C C C C	18 III 18 III 18 III III 18 III III 18 III III 18 III III 18 III III III 18 III III III III III 18 III III III III III III III III III I	1478	* 1234.	1309	2053	1326	1947	2023	2094 2091 209
RNEL CONTROL C	**************************************	727 72 - 94 94 94	169 89 340 340	70 % 80 % 80 % 80 %	116. 14. 16. 10.	164,94	166.22 43.733	N W W W W W W W W W W W W W W W W W W W	98.789
# MEXIG BENEGRANDE BENEGRAN	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 10 0 10 0 10 0	10 to 00 to	4444 4444	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	C # # # # # # O M #0 O M #0 O M #0 O M #0 O M #0	M 70 0 7 M M 70 0 0 0 0 0 0 0 0 0 0 0 0	17117 # # 17117 # # # # # # # # # # # #	* * * * 0 m m 0 n n 0 n n
# # # # # # # # # # # # # # # # # # #	**************************************	44 000 044		* * * * *	* * * * * * * * * * * * * * * * * * *	4 4 4 4 0 0 0 33 0 0	0 0 0 0 0 0 0 0 0	THE SECTION OF THE SE	TREE
AM HT 8 TOR (FT) AC FT)	# # # # # # # # # # # # # O O O # O M # O M # # # # # # # # # # # # # # # # # # #	N N N	4 4 4 4 4 0 0 0	***** 000 000 M	*****	* * * * * OCO * * O M	000 N N	100 000 000 000 000 000 000 000 000 000	# # # # COO # # # # #
A A T U B B C C F B C	######################################	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	### ## ## ############################	0.00 PE	2H 004 004 ** # # # #	C C C C C C C C C C C C C C C C C C C	0.00 0.00 0.00 0.00 0.00 0.00 0.00	100 00 00 00 00 00 00 00 00 00 00 00 00	# # # # # # # # # # # # # # # # # # #
A THOUGH	# # # # # # # # # # # # # # # # # # #	7.000 0.00 0.00 0.00 0.00 0.00 0.00 0.0	70 M1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	247 W W W W W W W W W W W W W W W W W W W	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M	M M M M M M M M M M M M M M M M M M M	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 W W W W W W W W W W W W W W W W W W W
X 4 M 0 L M 0 M 0 M 0 M 0 M 0 M 0 M 0 M 0 M	STREET ST	POND OTTAUGUECH RI COMP	OTTAUQUECH	OTTAUQUECH	# H H H H H H H H H H H H H H H H H H H	BLACKRIVER	OTTAUBUECH	BLACK RIVER	BLACK RIVER
	TANA CANA TANA CANA CANA CANA CANA CANA	DEWEYS MILLS P MINDOOR DUECHEE LAKES	DEWRYS MILLS WINDSOR UNKNOWN	EMERY MILLS Windor Ouechee Lakes	GAYSVILLE Windsor	GILMAN DAM EINDOON VI THURENG CORP	TANDOON THUNDON TOORY LANDON	HAWKO MOUNTAIN EINDGOR	TENEDYONG # LUDEON VORSOOR BLACK RIVER DRC I #
ATT TO NO STATE OF THE CODE CODE CODE CODE CODE CODE CODE COD	ATANADA VT 6000 DRC 070		A TANEDOMINATA A TANE	VTMNED6417 A VT GP86 A A ORC I A A A A A A A A A A A A A A A A A A	VT6NED7008 A VT98379 A DRC I A	VTANED65UM VT 8800UM VT 8800UM V V V V V V V V V V V V V V V V V V V		46 NRD 40 40 40 40 40 40 40 40 40 40 40 40 40	V46NED7039 x V498904 x E DRC I x

A P P P P P P P P P P P P P P P P P P P	· · · · · · · · · · · · · · · · · · ·	1327	1430	2089	2037 2037	2083 2083	2065 2065	2064 2064	1449
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	* * * * * * * * * * * * * * * * * * *	1327		60 00 01	8 KO 20 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	9	9000 * * * * *	* * * * *	1449
		155 40.8 40.6 521	11 0 21 10 51 10 50 10 50 10	79.0 168	101 340 101 101 100 100 100 100 100 100 100 1	46	111 80 47 80 80 80 80	0 M 0 M 0 M 0 M	65 946 6 946
		* * * * * O in in of of of of of	01 01 02 02 02 04 0	* * * * * 0 0 0 0 0 0 0 0 0 0 0	0.00 0.00 0.00 0.00 0.00	000	0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * · O O O SD NO O O NI NI	N N N N N N N N N N N N N N N N N N N
o		**************************************	22 000 010 6444	ESSEE OMM OO	2.2 0.00 6.4.4.4.4	0 4 4 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 94 mm	44 000 44	21 21 00:00 00:00 00:00
****		2000 2000 2000 2000 2000 2000 2000 200	NO 00 00 00 00 00 00 00 00 00 00 00 00 00	80 90 17 000 4 4 4 4 4	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 mm	F44 000 000	10 0 4 0 0 0 0 0 0 0 0 0 0	* * * * C C C S S
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	r 2	0.00 m m m m m m	CR CD +289.9***	* * * * * * * * * * * * * * * * * * *	1 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T	11 00 10 10 10 10 10 10 10 10 10 10 10 1	III SO O O O O O O O O O O O O O O O O O	
		M M M M M M M M M M M M M M M M M M M	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M M M M M M M M M M M M M M M M M M M	2 F 10 M 10 M 1	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 24 24 24 24 24 24 24 24 24 24 24 24 2	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	78 88°0 19°0
Σ 4		011AUQUECH ***	* * * * * * * * * * * * * * * * * * *	OTTAUQUECHEE **	THE BRANCH	A WIDDLE BRANCH.	OTTAUQUECHEE	EHITE RIVER	BLACK RIVER FINC
PRIMARY CO. BNAME O DENEME	* MILL BROOK * MILL BROOK * MONEY AND SAME AND S	NO HARTLAND DM Mindsor Daen Ned	NO SPRNSFIELD DENINGER DO DENINGER NEED	E SANGENTE OF SERVICE	I A J D C N A X X X X X X X X X X X X X X X X X X	REEDVILLE Windsor	ATABOODE ATABOODE	ROCHESTER	SLACK WINDSOR BLACK RIVER STERLING ENTERPRISE INC
A T T T T T T T T T T T T T T T T T T T			VTANEDGAÍG A VT78770 A URC I H	* * * * * * * * * * * * * * * * * * *	* 10000000 # # 10000000 # # 1000000 # # # #	VT6NED7041 * VT98909 * ORC I *	V16NEDY037 V198900 8 * DRC II	V16NED7026 x V198377 x V19	VICNEDASOR * VIORITAR *

DATE 14 JUL 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 13.00.48 PAGE 64 OF TABLE 1

FRC ECONDMIC FRC NDNECONOMIC* ERC NDNECONOMIC* FRC COMPOSITE* (SEGUENCE RANK) ** (SEGUENCE RANK) **	4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0	2005 * 5005	* * * * * * * * * * * * * * * * * * *	# # TO17 # # # 7001
	* M ** M	# # # # 00 00 00 00 00	9000	1077
ANUL DOG-	# 0 PM #	114.68 81.103	33,947	007 a 29 0 a 3176 0 a 3176
######################################		* * * * *		6-01000 6-010000 6-01000 6-01000 6-01000 6-01000 6-01000 6-01000 6-01000 6-010000 6-01
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* * * * * O M M 00 00 M M	4 4 4 4 0 7 7 0 0 0 0 0 0 0 0 0 0	######################################
* 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4		****	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #
# * * * * * * * * * * * * * * * * * * *	# # P * 0 9 N # P * 0 9 N * 0 9 N * 0 9	***** ***** ****** ******* *******	21 20 21 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * O * * * * * * * * * * * * * * * *
* LATITUDE * PONTITUDE * PONTI	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 0.00 07 4 0.00 07 4 0.00 07 4 0.00 00 4 4 0.00 00 4 4 0.00 00 4 4 0.00 00 5 6 0.00 00 5
* X 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TAPTSVILLE DAN ALINDSOR A STANDUECHER A CRNTRAL V1. PUB. SER. CO. *	WHITE RIVER A MEST SEANCH A ME	ACK ATTAUDUECHEE *	A VIGNEDBOOM & ETLORY CONNECTION A STRONG DOWN CONNECTION A A NIBORN A DRC A NOT ROBERN A NIBORN CO. A A NIBORN A NIBORN CO. A A NIBORN A NIBORNA A NIBORN
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	TAFTSVILLE DAM WINDWOR CENTRAL VT. PUE	TIM CONCLETE	MEST WOODSTOCK	ETLOGO MINOGON NET RNGLAND POWER CO.
**************************************	* VTGNEDBOA4 * VT68786' * * VT68786' * * * * DRC * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	A VTGNEDBOOM A A VTGNEDBOOM A A A A A A A A A A A A A A A A A A

SCALE EVELOPMENT A F L ຫ a ADDITIONAL > O x w z « 02 02 14. CAPACITY POTENTIAL CTRIC HYDROFIE PHYSICAL

H Z H O Z H >

ь. С

STATE

ω I

z

•	######################################	*		*		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	4 (N) ON (N)
	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	# ON # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* " " * * * * * * * * * * * * * * * * *	** ** ** ** ** ** ** ** ** **		** CI ** CI
	* * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* (II) * (II) * (II) * (II) * (II) * (II)	K -0 M K -0 M K	
	* * * * * * * * * * *	* < U < 1	* * * * * * * * * * * * * * * * * * *	*	* * * * * * * * * * * * * * * * * * *	**************************************	# 00 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	O FO SAMARANA CO TO SAMARANA CO TO SAMARANA CA CO TO SAMARANA CA CO TO SAMARANA CO TO SAMARA CO TO SAMARANA CO TO SAMARANA CO TO SAMARANA CO TO SAMARANA CO
	* E *	* > 2 4	数 本 本 本 本 本 も は の の の の の の の の の の の の の		* * # * * * * * * * * * * * * * * * * *		K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
	* X	* * * * * * * * * * * * * * * * * * *		K 22 K 24 K 24 K 24 K 24 K 24 K 24 K 24		* * * * * * * * * * * * * * * * * * *	K 100 H	
		* * * * * * * * * * * * * * * * * * *	0 0	20 20 4 4 4 4 4	0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 000 000 000 000	4
	k *	*	* * * * * * * * * * * * * * * * * * *	K	K		* * * * * * * * * * * * * * * * * * *	
	¥ Σ ·	# M D C # M D C # M D C M M M M M M M M M M M M M M M M M						K B B C C C C C C C C C C C C C C C C C
1	* £	* * * * * * * * * * * * * * * * * * *	K 900 K 900 K 400 K 4 4 4 4 4		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		K 054
		* * LO CO		* **** * **** * **** * **** * ****		* * * * * * O O * O	* * * * * * * * * * * * * * * * * * *	SHE
		* * * * * * * * * * * * * * * * * * *	# W W W W W W W W W W W W W W W W W W W		* ~ ~	k	* * * * * * * * * * * * * * * * * * *	1 —
		**************************************		K * * * * * * * * * * * * * * * * * * *	K M M M M M M M M M M M M M M M M M M M		K 60 K 60 K 60	
	* 3	* * * * * * * * * * * * * * * * * * *	K 10-0 K 10-0 K 40-7 F 10-1	# #### # ##### # #####################	* ** ** * ** * **	* * * * * * * * * * * * * * * * * * *	K	K
	*	**************************************		k .	* * * * * * * * * * * * * * * * * * *	K + K + K + K + K + K + K + K + K + K +	E # E # H H H H H H H H H H H H H H H H	K
x < ⊢□+	* * * * * * Z O () - * J O	**** 531 HZ			* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	K 23
u ∢ c	b. U HZ	k a a a	0 - 1 9	00		V 100	TOTAL	

ADDITIONAL 97. 53: 54. POTENTIAL PHYSICAL

DEVELOPMENT A I R B I R I A **6** CAPACITY AND STATE E E HYDROELECTRIC z

1	REFERENCE OF THE CONTRACT OF T	THE PROPERTY OF THE PROPERTY O	## 0 = 0 # 10 = 4 # 10 = 0 # 1	*** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** **	* * * * * * * * * * * * * * * * * * *	**************************************	DEVELOPMENT COLUMN 4 - H TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS L AT EXISTING DAMS CAPCITY H SUM OF CAPACITIES FOR GIVEN HEAD RANGE (SIGAWATA)
֡		* * *W 01 * *XH 4	* * * * * * * * * * * * * * * * * * * *	. 00			PP
*****		KHZU* C	0 * 000 * 00	K 4 K 4	M.O.	E MAN O A	JTAL OF
* * * O F	k .	*	MN * P40.		000 000 000		3111
	k K L/r	* * * * * * * * * * * * * * * * * * *	*O * *M	* * * * * * * * * * * * * * * * * * *	k OM -	**************************************	Ф . П . С.С.
	k E	* * * * * * * * * * * * * * * * * * *	** # *5	* * * * * * * * * * * * * * * * * * *	k unun -	0 7	: X : 4: : 2: : Un
		* H Z O * C		* * * * * * * * * * * * * * * * * * *			F CON
		* 100 0 * 00 ±	*	* 1	k	* → M + * +	×
		**************************************		* * * * * * * * * * * * * * * * * * *	K # # # # # # # # # # # # # # # # # # #	# 60 00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
		**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* - 100	X X X X X X X X X X X X X X X X X X X
	* *	* W = *	2	* * * * * * * * * * * * * * * * * * *	* UU * 40 * 40 * 40 * 40	* * * * * * * * * * * * *	¢ ዘዘዘ k ቍቢም
		*	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	N N N N N N N N N N N N N N N N N N N
		13 14 14 14 14 14 14 14 14 14 14 14 14 14	* * * * * * * * * * * * * * * * * * *	* 0 * 1 * 0 * 1 * 1 * 1 * 1 * 1 * 1 * 1	* 9	* 4 +	w B B K K K

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.11

* HF OX	* * * * * *	***	***	****	****	***	***	***	***
* ***	* *		8000	•	0001	•	1000	•	
* E M C M C M C M C M C M C M C M C M C M	# O # #			0	••	0	-	Ü	0
* 2 C U Z W C * C * C C C C C C C C C C C C C C C	* 0	° c	ċ	•	ė	Ö	ċ	ċ	ċ
* C C C C C C C C C C C C C C C C C C C	* * * * * O	•	•	•	•	•	•		• 0
***	* * * * * *	****	****	****	****	****	****	****	****
* O O O O O O O O O O O O O O O O O O O	# #	10 ec • eb ∸3 ev	47 40 10	O •	* 0. W 0.		សុខ	• 4 • 4 • 6	0.40
# 1	* 0.4 * 0.4 * 0.4 * 0.4 * 0.4	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	00 M	2300 N	80 e-	1674	270	186	3264.0
######################################	* * * * * * *	****	*****	****	****	****	****	****	***
* © > > * E O O * Z E E	* 4 4 7 5 7 7 7 7	0 0 0 0 0	0 0 0 0 0 0	36 24 24 24 24 24 36	4 4 4 4 0 00 00	267	177	0 N N	0 11 11
	e in in	9.9	10 to	n n	3 4	in in	20.00	3809	1373
******** *********	* * *								
k k o = k O. O. •		088	ONN	0.9.9	990	0 0 0 M M N N	022	000	5479
* 0 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	# 34 # 34 # 90	N IN	1733		44	4 4	1477	2002	7.4.0.
KHUL KHUL									•
****		****	****		****	****	****	* * * * *	***
**************************************	000 000 000	0 0 0	20 8 0 0 8	000	70.0 17800 31.7	00 N	4500 1000 1000 1000 1000	000	00 N
# F 6 F 6 F 6 F 6 F 6 F 6 F 6 F 6 F 6 F	1000 1000 1000	o r ∞	m ru	IO P. M	~ **	10-3 EU	4 C -	1.00 1.45 1.75 1.75 1.75	
X X X X X X X X	* * * * *	* * * * *	****	* * * 5 *	* * * * *	****	* * * * *	****	* * * *
1	1 7	50 50 50 50	5004.	281,	281.	479.	¥07.	2 2 3	# # # # # # # # # # # # # # # # # # #
# 6 F W U	# # U の # 王 H	82	r ∺ ∞	ı.e Σ	ω <u>C</u>	. S	26	T SP	ø :
* G. * * * * * * * *	* * * * *	****		* * * * *	*****	****	****	****	****
CO AREA CO	10°6 26°4 109	2 4 W	€ + ₹0 ₩ + ₩	0 M M	60 M	4-0	6 • 4 0 0 4	0 4 W	2 to 10 to 1
K-G G G G G G G G G G G G G G G G G G G	K & & & & & & & & & & & & & & & & & & &	2 M W Q V)	2 W 4	ED ED	N CO NI	νο πυπ υπο 4	7 to 10 to 1	7 6 10 10 10 10 10 10 10 10 10 10 10 10 10	4 4 4
	K W F * * *	Mr.	****	****	****	***	****	Mr.	***
K Z	* P	7. I X Y V E	az W	I VER	æ ×	IVER	I < ER	92. 181	Ж
# 14.1 # Oz. # 1— R 80	# 4 R B) I &	A.	7.08X	œ Z	œ Z	8 0 1 0	0. E
	**************************************	ROCKFISH	JAMES	A I V A N N A	SCUTH RIVANNA DAM Albermarle South Fo City of Charlottesville	JACKSON	JACKBON	COMPASTURE	POTTS
K U B U U U U U U U U U U U U U U U U U	k ₩ 12	_ 0 0	J.A.	œ	DAX 30		A.	00	0.
KO 13	* 1 * 1	2 2			NN A ARLO	S I	MAG	Σ.	
* & C C	E 0.5	N N N N N N N N N N N N N N N N N N N	3.8	າ. ຄຸກ ສຸກ	A N L C H	0 H	F NO	NE O	NE 4
	AANANANANANANANANANAAAAAAAAAAAACEO MILLO	DOG ISLAND Albermarle	HATTON Albermarle	RIO MILLS Albermarle	100 100 20	FALLING OPRING ALLEGHANEY	GATHRIGHT Alleghaney Daen+Nad	GRIFFITH DA Alleghanev	HAYS Alleghaney
R 6-1 Ir Oz R GL	AD A	DOGALBI	HATTON Alberm	RIO Albi	SOU	FALL	GAT ALLI DAEI	GRI	HAYS ALLE
	K B # # # # K K M H:	****	****	****	****	* * * * *	****	* * * * *	****
11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M C C C C C C C C C C C C C C C C C C C	ရှိ ရှိ	0000	0 0 U	0000	000	1000	0034	10001 10002 500
74 10 10 10 10 10 10 10 10 10 10 10 10 10	VAGNAGOOG VAUOOGI S SCP I	VATNAGO996 S DRC	VAANADOOOI Vauoo44 2 drc i	VA6NADOOO4 Vauoo62 5 drc I	VACNAGOOGE VACOSOZ Z DRC 1	VASNAGOGOS VAUGOSS S DRC D	VACNAGOO16 VACOSO1 2 SCP 1	VA6NADDO10 VALIOD34 S DRC I	VASNADOO11 VAUOOS2 S SCP I
	* * * * * * * > 'D'	* * * * *	* * * * *	* * * * * *	* * * * *	* * * * *	× * * * *	* * * * * *	* VA6NADOO11 * HAYS * VAUDO82 * ALLEGHANEY POTTS CREEK * 5 SCP 1 *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.11

T TO NO TO NO TO THE CODE THE STATUS	A THE TO NO A PRIMARY CO. TNAME OF STREAM CODE A PELE A PILE A STATUS A STA	N G G G G G G G G G G G G G G G G G G G	S-REA	****	CON	****	AVE D	XX TO CO	ANT TEN TEN TEN TEN TEN TEN TEN TEN TEN T		ZO	105 102 103 103 103 103 103 103 103 103 103 103	ALINE COLOR ALINE COLOR ALINE CARALLA	- 60	<u>. </u>	MAC ACCEDENCY MAC AC
**************************************	**************************************	**************************************	* Lat	* * * * *	# 6 # 4 # 4 # 6 # 6 # 6 # 6 # 6 # 6 # 6 # 6 # 6 # 6	* * * * * *	# 00 # 05 # 05 # 00 # X	* ~	# 000 # 000	報告	* * * * * *	######################################	* * * * * * * * * * * * * * * * * * *	****	# # O # # O	# 000 m
VA6NADOO12 * VAUOO84 * S SCP I *	A CACAGE A C	DUNLA	DUNLAP CREEK	M0	45. 0 35.9 103	****	2 H	****	188 188 189 189 189 189 189 189 189 189	11 12 13 13 13 13 13 13 13 13 13 13 13 13 13	****	44 44 44 6	* * * * * * * * * * * * * * * * * * *	 	*c	
VAENAGOO17 * VAUCOUT7 * S GCP I *	GENITO DAM	APPOMATTOX	OZ.	****	37 27 64 77 52 1 716	****	CH IS 712	****	11.000 90000 85.0000	13649 13649	****	27907	* * * * * * * * * * * * * * * * * * *	**************************************	• 0	•
* A4NAD0020 * VAU0047 * S DRC I *	ALLENS CREEK AMHERSH	NA P	7. ₹3.	****	7 32.1 8 52.7 3649	* * * * *	T B B B B B B B B B B B B B B B B B B B	****	4 M	20 00 1	****	20 00 00 00 00 00 00 00 00 00 00 00 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	no no	.0	•
VAGNADOORS * VAOO902 * DRC 1 *	BIG ISLAND AMHERST BEDFORD PULP	+ DAMES	RIVER CO.	****	7 32.1 9 21.4 3100	****	NN 0.0 3375	****	000 •00 •00	4 R C C C C C C C C C C C C C C C C C C		4138 19510 19749	*****	.	• 0	•
VAGNADDOR4 ** VA00901 ** DRC 1 **	CUSHAW DAM AMHERST VEPCO	JAMES	₩ > ₩	MF. ****	4 88 9 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	* * * * *	# 00 M M M M M M M M M M M M M M M M M M	****	7.00°	**************************************	****	M + 4 M M M M M M M M M M M M M M M M M	* * * * * * * * * * * * * * * * * * *	##### #N	°0	1000
VA4NAD0018 VAU0045 * * * * * * * * * * * * * * * * * * *	KELL Y America	JAMES	7 × × × × × × × × × × × × × × × × × × ×	***	70 M 20 M 20 4 0 4 M	****	T 1→ 80 80 80 80 80 80	****	0 0	06m4	***	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	***********	21 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		
VA6NAGOOR1 # VAUOOR9 # # VAUOOR9 # # US OR I # E	PEDLAR MILLS AMHERST	PEDLA	& 33 > 13 83 83 83 83 83 83 83 83 83 83 83 83 83	***	7 32°3 9 15°6 101	***	TH ON TH	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8 8 0 0 1 0	***	4 4 4 4 4 4 6 4 6 4 7	· · · · · · · · · · · · · · · · · · ·	e e e e e m e		
VAINAU00026 # VA00904 # #	ANTERSOL CANES 21VER ANTERS 21VER	SE S	St.	****	4 - 10 10 - 4 10 - 4 10 - 4	* * * *	7. 7. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8.	* * * *	\$ 1 4 4 4	44 44 44 44 44 44 44 44 44 44 44 44 44	我我我我	N = 0 N = 0 N = 1 N = 1 N = 0 N = 0	4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	* * * * *		1001

A N M M M M M M M M M M M M M M M M M M	作 化 在 · · · · · · · · · · · · · · · · · ·	***	0				1001	. * * * * *	* * * * * * * * * * * * * * * * * * *
	**************************************		•		•	ċ			
* * * * * *	* * * * * *		****	0		O	****	****	****
DO WIE	# # # # # # # # # # # # # # # # # # #	68 68 68 68 68 68 68 68 68 68 68 68 68 6	45078 1008 1008 1008	00	2067 167.11	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	459.17 34. 70	00	4 00 00 00 00 00 00 00 00 00 00 00 00 00
		44 44 60 60 60 60 60 60 60 60 60 60 60 60 60	1227660	W760000 W760000 W7600000 W W W W W W W W W W W W W W W W W	# # # # # 0 0 0 0 0 0 0	100 100 100 100 100 100 100 100 100 100	10 M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	10000 1000 1000 1000 1000 1000 1000 10
			2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 000 000 000 000 000 000	444 640 640 644 644		#### BDD BDD BBU HD HD HD HD HD	# # # # 000 M	11 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
,	1117 1117 1117 1117 1117 1117 1117 111	000 N 00 N M N	443000 440000 4440000	44 WW WW WW W W W W W W W W W W W W W W	1000 1000 1000 1000 1000 1000 1000 100	170000 170000 170000 170000	* * * * * 00 ° 0 ' N	16 00 00 00 00 00 00 00 00 00 00 00 00 00	10 00 00 00 00 00 00 00 00 00 00 00 00 0
AVE CO		TH SH	70 08 1 08 1 08 1 08 1 08 1 08 1 08 1 08	*****	E E E E E E E E E E E E E E E E E E E	U S H	10 00 00 00 00 00 00 00 00 00 00 00 00 0	100 110 1100 1100 1100 1100 1100 1100	T. C. S.
00 000 000 000 000 000 000 000 000 000	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	MWP	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	noon Toon	* * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N 44 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	M M M M M M M M M M M M M M M M M M M	M W W W W W W W W W W W W W W W W W W W
5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7.0	787	00 60 10 60	M	**** 74 74	00 Mr.	W 27	W	7.07
Σ	VER DEPOT	2 A A B B B B B B B B B B B B B B B B B	S FORK SHENAN	COUNTY UPPER RESERVOIR .	COMPASTURE RI	NO1 BULLPASTURE R	2 M M M M M M M M M M M M M M M M M M M	ROANDKE RIVER	CAMES REVER
RIMAR	X C C C C C C C C C C C C C C C C C C C	FALKER FORD	STAUNTON AUGUSTA	BATH COUNTY UF BATH VEPCO	MCCL UNG BATH	WILLIAMSVILLE Bath	HOLCOMBS ROCK BEDFORD OWENILL	SMITH HOUNTAIN BEDFORD APPALACHIAN POWER CO	SNOWDEN BENFORD BEOFORD
######################################	VA6NAGOOUM * VAUOOOF7 * SCP I *	VA4NAGOO19 * VAUOO46 * S DRC I *	VA6NABO163 # VAUCOD2 # S SCP I #	VA9NADO200 VAU0201 * * * * * * * * * * * * * * * * * * *	VA6NADOO28 * VAUDO81 * S SCP I *	VA6NAU0029 # VAU0083 # SCP I # S	VAANADDOGE * VAUO109 * PRC I *	VALSAWO092 * VAD1902 * 5 DRC D *	* VAGNADOO33 * VAUG120 * P VAUG120 *

DATE 15 FEB 81 NATIONAL HYDROFLECTRIC POWER STUDY TIME 01.19.11

RAC PCCNOSTIC FRC NONECONOMICS FRC CONSCINCS FRC CONSCINCS OFFICIAL RANK) & (OFFICIAL RANK) & (OFFICIAL RANK) &	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	******* *****	• • • • • • • • • • • • • • • • • • • •		****		* * * * * * * * * * * * * * * * * * *
	***	•	•	•	•	•	•	•	
* F *F8 *80 CC	**************************************		10348 10348 1037 1037 1037	60 60 60 60 60 60 60 60 60 60 60 60 60 6	# # P. O. C. D. C.		* * * * * * * * * * * * * * * * * * *		**************************************
	# # # # # # # # # # # # # # # # # # #	74 000 000 000 000 000	# # 906KSH	# # # # 0 00 00 00	100 000 000 000 000 000 000 000 000 000	0	0.00 44 44.4 44.4 44.4 44.4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *
######################################	######################################	0.00 0.00 0.00 0.00 0.00 0.00	# # # # # C SI III - 0 10 - 0 10 - 0 10 - 0 0	* * * * * * O PP P		enu did onu onu		* * * * * * * * * * * * * * * * * * *	本になりのなりに
**************************************		# # # # 00 00 9 0 9 0 10 10 10 10 10 10 10 10 10 10 10 10 10 1	* * * * * 000 *00 *00 *00 *00 *00 *00 *0	MO470 MO470 MA70 MA70 MA70 MA70 MA70 MA70 MA70 MA	P-9H	20 W C C C C C C C C C C C C C C C C C C	* * * * * 0 0 0 * 0 1 0 11 0 0 11 0 0 11 0 0 11 0 0 11 0		# # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #	せきを作るをとれる	# # # # #	H SO W SO	10.0 M M M M M M M M M M M M M M M M M M	I SH	100 100 101 101 101 101 101 101 101 101	TH CO C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
* D D W E E E E E E E E E E E E E E E E E		M M M M M M M M M M M M M M M M M M M	44 44 44 44 44 44 44 44 44 44 44 44 44	44 44 44 44 44 44 44 44 44 44 44 44 44	74 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	W7 44 40 44 44 44 44 44 44 44 44 44 44 44	61 186 186 186 186 196 196 196 196 196 196 196 196 196 19	~ 00 m ~	* 00 000 00 4 * 00 000 00 4 * 00 00 00 00 00 00 00 00 00 00 00 00 0
# I	A BUAND A RESPECTABLE OF THE STREET OF THE S	L1441E XALKER*	DAM JAMES RIVER *	C 20 A 11 G C 20 A 11 A	* * CCENTA CCENT * CC	CA-AEBA CREEKA	REGENTATION OF THE CARREST AND CARREST CARREST AND CAR	SLATE RIVERS	本 化三乙二乙 医三甲氏征 医二甲氏征 医二氏征 医二甲氏征 医二甲氏征 医二甲氏征 医二甲氏征 医二氏征 医二氏征 医二氏征 医二氏征 医二氏征 医二氏征 医二氏征 医二
PRIMARY CO	AND DELAND	UDP	EAGLE ROCK DA	HIPES	LYLE	STONE HOUSE BOTETOURT	DISMAL CREEK BUCHANAN	ARVONIA BUCKINGHAM	A VAGNADOGGIA R ROCK HOUSE R VAUGILS R SUCKINGHAM LAMMOS RIVER R IN DRC I R
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	* O H	* VA4DRHOO61 *	VA6NADOOM4 * VAUOOM8 * VAUOOM8 *	* VA6NADOO38 * VAU0128 * S SCP I * *	* VA7NADOOS7 *	* VA6NAGOOGUS * VAUOOTO X * VAUOOTO X * X SICP X * X * X SICP X * X * X * X * X * X * X * X * X * X	VAEORHOOSS X X VAUO142 X X VAUO142 X X X X X X X X X X X X X X X X X X X	* VAGNAGOGG18 * VAUOOSS3 * S S S S S S S S S S S S S S S S S	* VA6NA00043 * VA6NA00118 * VAU0118 * VAU0118 * VAVANAVANAVANAVA

ACTV ID NO CODE CODE CODE CODE CODE CODE CODE COD		E	E		ONCO ONCO ONCO ONCO ONCO ONCO ONCO ONCO		. G . S	XX C X C X C X C X C X C X C X C X C X	* * * * * * *	AINC. MENERGY MENGY ATT SENENGY ATT SEN	6 6 E		X	ERC ECONOMIC ERC NOVECONOMI ERC COMPOSITI (SEQUENCE RANK) (SEQUENCE RANK)
**************************************	A BUICKING TAM	4 CC 4 M H 4 M H 4 M H 5 M H 6 M H	* * * * * * * * * * * * * * * * * * *	# M M	* 0 + 0 * 0 + 0 * 0 + 0 * 0 + 0	* * * * * * * *	** * * * * * * * * * * * * * * * * * *	#		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	* 0	* 0	* 0
VAENADOOAG VAUOO36 SCP I	A BUCKINGHAM A BUCKINGHAM	1 SLATE	E	7 M	0 - 0 0 - 0 0 - 0 0 - 0	****	* * * * * * * * * * * * * * * * * * *	160000	0.00 0.00 0.00 9.91		4474 401.70	•	•	·o*
VA6NADOO42 VAUOO34 S SCP I	* SLATE RIVER * BUCKINGHAM *	SLATE R	* * * * * Bi > I	787	N M N → → • • N N & Ø	****	160 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	120000 00000 00000			3768.1	•	•	,,•
VA6NAGOG45 VAUG117 2 DRC I	* JOSHUA FALLS * CAMPBELL *	JAMES R]	A * * * *	727	0 m 0 m 4 0 m 0	****	## ## ## ## ## ## ## ## ## ## ## ## ##	80 6 4 3 44 4 5 0 0 4	0 M M M M M M M M M M M M M M M M M M M		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			2005 3005
VA6SAWOO94 VA1S720	* MELROSE * CAMPBELL * STUDIED BY DAE	RDANDKE Daen # 6ak	* * * * * W > H	7.0	0 10 0 0 0 0 10 0 10 0 10	****	30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 *W## #### ##########################	000		3764. 19. 47	•	e e	2000
VAESAWOO95 VAIST30	* TABBR * CAMBBEL. * OFUDIED BY DAEN OA	S S S S S S S S S S S S S S S S S S S	07 N N OF N OF N	7.0	0 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	HCR SI 2160.04	N N N N N N N N N N N N N N N N N N N	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M & 4 & 5 & 6 & 6 & 6 & 6 & 7 & 8	•	•	2000
VA6NADOO47	DILLARDS MILL CAROLINE	NON TEN	* * * * * V V V	37	82 E 6 E 6 E 6 E 7 E 7 E 7 E 7 E 7 E 8	****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 40°0 2 40°0 3 6°0		* * * * * *	10 tu 10	•	ċ	•
VA6NADOO46	* ROCK FALLS * CAROLINE	N T T T T T N	* * * * * « « « «	77	N O 4 W O 4 W O 0	****	# # # # C	44 00000 0.44	M W C	A A A A A	* * * * * * * * * * * * * * * * * * *	•	•	•
* VAUORHOO63 * UDP * VAUO148 * CARPOLL 81G REED ISL * 5 DRC I *	* UDP * CARBOLL	BIG REED	13LA*	6 0 6 0	10 4 4 ~ 0 • • 0 0 0 0	****	*** * C	0.00 d	17075	C T S S S S S S S S S S S S S S S S S S	60 64 44 64 64 64 64 64 64 64 64 64 64 64	•	•	c

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.12 PAGE 252 OF TABLE 1

* OM ~ 4				****		****			
	r k k	1000	1001					1001	2010
RHUXX BI		07	. 5	•	0			. 2	N.
				•	•		•		
	* 0	0			c	C	o		
						•	•		į
8	k () k k	° * * * *	****	****	· * * * *	°	° * * * * *	****	****
# F 00 C 1	K VI Z	ณะ	PO	ua an	.	~ 0	m o	4 W	\$ 0
NN	w e 25	. O	W	⊕ ÷-4 ₹7 B	• 4		6 M	0. 41 0. 41	
* 10 OE * 10 O	K 0. 00 C 00 C	10 - 0 10 - 0 10 - 0	± 6 51	351	20 A C 44 C 44	187	4 C 2 C 4 C 6 C 6 C 6 C 6 C 6 C 6 C 6 C 6 C 6	0 W 2 W	0 KG C KG C KG
	K * * * * *	4 4 4 4 4	000	****	* * * * *	4 * * * *	2000	0.00	0000
MMM	E 00 00	6 6 6 6	0.0 AL 0.01 AL 0.01 AL 0.01 AL	9 9 10 0	80 60 N NU 80 80	247	20 20 20 20 20 20	9 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
SEEN SEEN SEEN SEEN SEEN SEEN SEEN SEEN	* ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	OF U		กับกับ				in in	
XXD	K K								
			000	0.60.60	0 v v	C 00 00	0 4 4 4	044	0 11 11 11
144B	K 80 80 R 42 42 R 42 43	4 4 N N	0000	20 20 20 20 20 20 20 20 20 20 20 20 20 2	27 070	44	376 376	150061	M1720
2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	K K	~ ~							1
XZO	K								
:	K K K	****	****	****	****	****	****	****	****
	005	0 0 M	0 O M	001	001	004	000	000	000
TOIOLOL	1 N N	20 4 20 0	10	1050	#0 M	0 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	6 10 G	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	165 62400 87.9
ZXXXXX		. •	•	M		-	4	-	4
* * * * * * * * * * * * * * * * * * *	k 0	* * * 5	* * * * *	****	*****	* * * * *	* * * 5 *	* * * * *	****
1 2 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. 0	Ç			97.		40 40	199	78
1.0 × 1.0 ×		1310	1.0	M	. 80 4. 60 1.	105	U1 24 85	M 44	A 178.
2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CO E E E E E E E E E E E E E E E E E E E	Ç	10 0		64	108 108	40 40	199	178
***********	E C E O E	1310	1.0	M	. 80 4. 60 1.	105	U1 24 85	M 44	****
***		20 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 10 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**** CO CO CO CO CO CO CO CO CO CO CO CO CO	**** **** ****	1.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	6.40 6.40 6.40 6.40 6.40 6.40 6.40 6.40	* * * * * * * * * * * * * * * * * * *	****
***		1140 4 82 1140 4 07 1146 4 07	7.00 7.00 1.00 1.00 1.00	WW W W W W W W W W W W W W W W W W W W	18.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	29.0 * HC 19.3 * IS 111 * 109	5 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	24.0 * CORS 20.6 * OP 221 * 27	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
***	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M	0.00 4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	# # # # # # # # # # # # # # # # # # #	18 18 18 14 18 14 18 18 18 18 18 18 18 18 18 18 18 18 18	9.0 9.3 * 18 111 * 10 10 9	20 24 4 10 10 10 10 10 10 10 10 10 10 10 10 10	4.0 * CORS 0.6 * DP 221 * 27	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
# # # # # # # # # # # # # # # # # # #	2	7 113.0 a SR 7 31.9 a DP 1336 a 1310	* W7 29 0 0 * T	OH # 1100 OM # # 1100 A # 1100	* * * * * * * * * * * * * * * * * * *	2 4 W 7 N 9 0 0 4 T.C. 2 4 M 2 M 3 M 3 M 3 M 3 M 3 M 3 M 3 M 3 M 3	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 37 14.0 * CORS * 82 20.6 * OP * 221 * 273	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	2	# W7 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* W7 29 0 0 * T	OH # 1100 OM # # 1100 A # 1100	* * * * * * * * * * * * * * * * * * *	2 4 W 7 N 9 0 0 4 T.C. 2 4 M 2 M 3 M 3 M 3 M 3 M 3 M 3 M 3 M 3 M 3	* W7 & TC	* 37 14.0 * CORS * 82 20.6 * OP * 221 * 273	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	2	# W7 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CAEEK * 60 7.5 * T	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T 4 10.0 to 0.1 to 10.1 to 10.0 to 10.	* 37 29°0 * HC R1 * 76 19°3 * 18 108	X 41° 6 x TC X 7 √ EX x 78 6° 7 x 108 26	RIVER # 82 20.6 # OP 273	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	2	# W7 14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CAEEK * 60 7.5 * T	OH # 100 M M # 100 M M # 100 M M # 100 M M M M M M M M M M M M M M M M M M	T 4 10.0 to 0.1 to 10.1 to 10.0 to 10.	* 37 29°0 * HC R1 * 76 19°3 * 18 108	110 71 (EX 4 70 6.1 a 100 EX 4 70 6.1 a 100 EX 4 70 6.1 a 100 EX 4 100 EX 4 a	RIVER # 82 20.6 # OP 273	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	2	# W7 1M=0 # CP. DIF 77 W1.e9 # CP. # 1MM6 # 1M10	* W7 29 0 0 * T	OH # 1100 OM # # 1100 A # 1100	* * * * * * * * * * * * * * * * * * *	2 4 W 7 N 9 0 0 4 T.C. 2 4 M 2 M 3 M 3 M 3 M 3 M 3 M 3 M 3 M 3 M 3	110 71 (EX 4 70 6.1 a 100 EX 4 70 6.1 a 100 EX 4 70 6.1 a 100 EX 4 100 EX 4 a	* 37 14.0 * CORS * 82 20.6 * OP * 221 * 273	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	2	# W7 1M=0 # CP. DIF 77 W1.e9 # CP. # 1MM6 # 1M10	CAEEK * 60 7.5 * T	OH # 100 M M # 100 M M # 100 M M # 100 M M M M M M M M M M M M M M M M M M	T 4 10.0 to 0.1 to 10.1 to 10.0 to 10.	* 37 29°0 * HC R1 * 76 19°3 * 18 108	110 71 (EX 4 70 6.1 a 100 EX 4 70 6.1 a 100 EX 4 70 6.1 a 100 EX 4 100 EX 4 a	RIVER # 82 20.6 # OP 273	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	2	# W7 1M=0 # CP. DIF 77 W1.e9 # CP. # 1MM6 # 1M10	* 37 89 0 * T MEADOW CREEK * 80 7 * 5 * 4 0P 4	A HAZEL RIVER + 77 St., 7 HAS	T 4 10.0 to 0.1 to 10.1 to 10.0 to 10.	A WAY ROOD A FIC VILLIS RIVER A 78 19 W A 18 111 A 105	110 71 (EX 4 70 6.1 a 100 EX 4 70 6.1 a 100 EX 4 70 6.1 a 100 EX 4 100 EX 4 a	* 37 14.0 * CORS * 37 14.0 * CORS * 37 14.0 * CORS * A ZZ1 * Z73 * A ZZ1 * Z73	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	2	# W7 1M=0 # CP. DIF 77 W1.e9 # CP. # 1MM6 # 1M10	CREEK * 37 29.0 * H MEADOW CREEK * 60 7.5 * OP * 14 * 16	A HAZEL RIVER + 77 St., 7 HAS	A MADIDAN RIVERA 70 4.0 * 10 * 10 * 4.0 * 10 * 10 * 10 * 10 * 10 * 10 * 10 *	A WAY ROOD A FIC VILLIS RIVER A 78 19 W A 18 111 A 105	110 71 (EX 4 70 6.1 a 100 EX 4 70 6.1 a 100 EX 4 70 6.1 a 100 EX 4 100 EX 4 a	* 37 14.0 * CORS * 37 14.0 * CORS * 37 14.0 * CORS * A ZZ1 * Z73 * A ZZ1 * Z73	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	2	# W7 1M=0 # CP. DIF 77 W1.e9 # CP. # 1MM6 # 1M10	CREEK * 37 29.0 * H MEADOW CREEK * 60 7.5 * OP * 14 * 16	A HAZEL RIVER + 77 St., 7 HAS	A MADIDAN RIVERA 70 4.0 * 10 * 10 * 4.0 * 10 * 10 * 10 * 10 * 10 * 10 * 10 *	A WAY ROOD A FIC VILLIS RIVER A 78 19 W A 18 111 A 105	110 71 (EX 4 70 6.1 a 100 EX 4 70 6.1 a 100 EX 4 70 6.1 a 100 EX 4 100 EX 4 a	* 37 14.0 * CORS * 37 14.0 * CORS * 37 14.0 * CORS * A ZZ1 * Z73 * A ZZ1 * Z73	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	2	# W7 1M=0 # CP. DIF 77 W1.e9 # CP. # 1MM6 # 1M10	CREEK * 37 29.0 * H MEADOW CREEK * 60 7.5 * OP * 14 * 16	A HAZEL RIVER + 77 St., 7 HA HAS	A MADIDAN RIVERA 70 4.0 * 10 * 10 * 4.0 * 10 * 10 * 10 * 10 * 10 * 10 * 10 *	A WAY ROOD A FIC VILLIS RIVER A 78 19 W A 18 111 A 105	110 71 (EX 4 70 6.1 a 100 EX 4 70 6.1 a 100 EX 4 70 6.1 a 100 EX 4 100 EX 4 a	* 37 14.0 * CORS * 37 14.0 * CORS * 37 14.0 * CORS * A ZZ1 * Z73 * A ZZ1 * Z73	* * * * * * * * * * * * * * * * * * *
A DACIDED A STAND A ST	A COPAROLL LITTLE REED IN 80 40.9 × IS SO 40.0 × SO 40.0 × SO × SO 40.0 × SO	1	* 37 89 0 * T MEADOW CREEK * 80 7 * 5 * 4 0P 4	A WE WE TO THE TO THE WAS A TO THE TATE OF	# 38 18.5 T T T T T T T T T T T T T T T T T T T	* 37 29°0 * HC R1 * 76 19°3 * 18 108	X 41° 6 x TC X 7 √ EX x 78 6° 7 x 108 26	RIVER # 82 20.6 # OP 273	* * * * * * * * * * * * * * * * * * *
A PRIMARY CO. LINAME OF GAZEAX A LANGEST A LANGEST OF GAZEAX A LANGEST OF GAZEAX A LONGITUDE & CO. M. M. A CO. M.	THE SECOND STATES OF THE SECOND SECON	* GEORGE F. BRASFIELD * 37 13.0 * SR * CHESTERFIELD APPONATION RIF 77 31.9 * OP * APPONAT RI WATER AUTH * 1336 * 1910	* MEADOW CREEK * 37 29.0 * H * CRATG MEADOW CREEK * 60 7.5 * OP * LR BOT * 14 1.16 *	* HAZEL RIVER * 38 33.9 * HC * CULPEPER HAZEL RIVER * 77 54.7 * 19 * 311 * 359	* RAPTDAN * 18.18.5 * T * CULPEPER RAPIDAN RIVER* 78.4.0 * 18 * 4.67 * 145* * 4.67	* 37 29.0 * MC * CUMBERLAND WILLIS RIVER * 78 19.3 * 18 * 111 * 105	* ST 41.6 * HC * ST 41.6 * HC * CUMBERLAND WILLIS RIVER * 78 6.7 * 18 * 265 * * 248 *	* 37 14.0 * CORS * 37 14.0 * CORS * DICKENSON POUND RIVER * 82 20.6 * DP * DAEN ORH * 221 * 273 *	* * * * * * * * * * * * * * * * * * *
A PRIMARY CO. LINAME OF GAZEAX A LANGEST A LANGEST OF GAZEAX A LANGEST OF GAZEAX A LONGITUDE & CO. M. M. A CO. M.	THE SECOND STATES OF THE SECOND SECON	* GEORGE F. BRASFIELD * 37 13.0 * SR * CHESTERFIELD APPONATION RIF 77 31.9 * OP * APPONAT RI WATER AUTH * 1336 * 1910	* MEADOW CREEK * 37 29.0 * H * CRATG MEADOW CREEK * 60 7.5 * OP * LR BOT * 14 1.16 *	* HAZEL RIVER * 38 33.9 * HC * CULPEPER HAZEL RIVER * 77 54.7 * 19 * 311 * 359	* RAPTDAN * 18.18.5 * T * CULPEPER RAPIDAN RIVER* 78.4.0 * 18 * 4.67 * 145* * 4.67	* 37 29.0 * MC * CUMBERLAND WILLIS RIVER * 78 19.3 * 18 * 111 * 105	* ST 41.6 * HC * ST 41.6 * HC * CUMBERLAND WILLIS RIVER * 78 6.7 * 18 * 265 * * 248 *	* 37 14.0 * CORS * 37 14.0 * CORS * DICKENSON POUND RIVER * 82 20.6 * DP * DAEN ORH * 221 * 273 *	* * * * * * * * * * * * * * * * * * *
A PRIMARY CO. LINAME OF GAZEAX A LANGEST A LANGEST OF GAZEAX A LANGEST OF GAZEAX A LONGITUDE & CO. M. M. A CO. M.	THE SECOND STATES OF THE SECOND SECON	* GEORGE F. BRASFIELD * 37 13.0 * SR * CHESTERFIELD APPONATION RIF 77 31.9 * OP * APPONAT RI WATER AUTH * 1336 * 1910	* MEADOW CREEK * 37 29.0 * H * CRATG MEADOW CREEK * 60 7.5 * OP * LR BOT * 14 1.16 *	* HAZEL RIVER * 38 33.9 * HC * CULPEPER HAZEL RIVER * 77 54.7 * 19 * 311 * 359	* RAPTDAN * 18.18.5 * T * CULPEPER RAPIDAN RIVER* 78.4.0 * 18 * 4.67 * 145* * 4.67	* 37 29.0 * MC * CUMBERLAND WILLIS RIVER * 78 19.3 * 18 * 111 * 105	* ST 41.6 * HC * ST 41.6 * HC * CUMBERLAND WILLIS RIVER * 78 6.7 * 18 * 265 * * 248 *	* 37 14.0 * CORS * 37 14.0 * CORS * DICKENSON POUND RIVER * 82 20.6 * DP * DAEN ORH * 221 * 273 *	* * * * * * * * * * * * * * * * * * *
TO TO NOT PROJECT NAME OF STATES AND A LATITUDE A LONGITUDE A COMPANIA A DRAMANIA A COMPANIA	THE SECOND STATES OF THE SECOND SECON	A SECREE F. BRASFIELD A 37 13.0 A SR 31 A CHESTERFIELD APPOMATTOX RIA 77 31.9 A DP 11 A APPOMAT RI WATER AUTH A 1336 A 1310	* WEADOW CREEK * 37 29.0 * H 23 * CRATG MEADOW CREEK * 60 7.5 * OP 14 * 14 * 16	A MAZEL RIVER A MAZEL RIVER & 188 33,9 & HC 0090 & CULPEPER HAZEL RIVER & 77 54,7 & 19 CP I & 511 & 5159	A MAPTDAN A MAPTDAN RIVERA 78 4.0 * 18 I * CULPEPER RAPIDAN RIVERA 78 4.0 * 18 I * A45 * A45 * A45 * A45 *	A 37 29.0 A HC 56 A CUMBERLAND WILLIS RIVER A 76 19.3 A 18 I A 113 A 105	* 37 41.6 * HC SS * CUMBERLAND WILLIS RIVER * 78 6.7 * IS D * CARTERIAND WILLIS RIVER * 78 6.7 * IS ** 263 * 248	* 37 14.0 * CORS 733 * DICKENSON POUND RIVER * 82 20.6 * DP * DAEN ORF * 273 * 221 * 273	A HAYSI RESERVOIR A MY 15.9 A S S A DICKENSON RUSSEL FORK A SP 26.9 A S I A DAEN DRY

ASSASSASSASSASSASSASSASSASSASSASSASSASS	を表現を含むななななななななななななななななななななななななななななな。 ・	* * * * * * * * * * * * * * * * * * *						** * * * * * * * * * * * * * * * * * *	
**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M S S S S S S S S S S S S S S S S S S S	1600°11 167°00°1	2000 2000 2000 2000 2000 2000 2000 200	600 1000 1000 1000 1000 1000 1000 1000
REFERENCE REFERE	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	1000 1000 1000 1000 1000 1000 1000 100	17646	M 7 W W W W W W W W W W W W W W W W W W		**************************************	0.00 0.00 0.00 0.00 0.00 0.00
X X X C C C C C C C C C C C C C C C C C	2.	0 1 	C 10 64 IR IR IR IR IR IR IR IR I	OOO MM MM MM MM	7807 7807	44 44 44 44 44 44 44 44 44 44 44 44 44	M W W W W W W W W W W W W W W W W W W W	M W W W W W W W W W	4 CO
# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	## ## # 0000 0000 0000 0000 0000 0000 0		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* * * * * *	# # # # # # # # # # # # # # # # # # #
# 6	# I SO I S	O S ME	18 670	3634°0	686.0	822.0	44.00	5815.01	O #
我我我我我我	*	****	****	IH *****	IH	****	97 ## # # #	Ø	* * * * *
# # # # # # # # # # # # # # # # # # #		***** 7.00 0.00 0.00 0.00 0.00 0.00 0.00	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TH	* * * * * * * * * * * * * * * * * * *	**************************************	37 4 2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	பைல் ≰
A * * * * * * * * * * * * * * * * * * *	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	*****	A A DOOR A WOOD WAS COOR A SECOND WAS LAND WAS LAND WAS LAND A SECOND AS A SEC	* 0.00 * * 0.00 * * 0.00 * * 0.00 * * 0.00 * * 0.00 * * 0.00 * * 0.00 * 0.00 * * 0.00	7	CREEK * 37 47 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ND 2 + 37 45.1 + HARDWARE RIVE+ 78 25.0 + 1 136 + 1	AMEG RIVER & 78 RIS & 10	* * * * * * * * * * * * * * * * * * *
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	* 100 00 00 00 00 00 00 00 00 00 00 00 00	0	* * * * * * * * * * * * * * * * * * *	AIVER # 10 10 10 10 10 10 10 10 10 10 10 10 10	T # 00 * 7 # # WIN W # # W W W W W W W W	# # # # # # # # # # # # # # # # # # #	2 * 37 45.1 * AARDWARE RIVE* 78 25.0 * I	# W7 4 W 6 # # TO IN TO	A CO

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,12 PAGE 254 OF TABLE 1

* ZHOXX	京都会の大学を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を表現を		* # # # # O			# # # # # 0000 #	****	1000	会 () () () () () () () () () (
* C C C C E C C C C C C C C C C C C C C		•	•	·	•	•	•	•	O #
* P		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00 00 00 00 00 00 00 00 00 00 00 00 00	47701 11. W. H.	# # # # # # # # # # # # # # # # # # #	0 40 44 40 40 40 40 44 44 44	000 000 000 000 000	2006.08 41.0377 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1000 1000 1000 1000 1000 1000 1000 100
# JE 08	# # # # # # # # # # # Ell en	****	****	****	****	****	****	***	* * * * * * * * *
* Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N W	## ## ## ## ## ## ## ## ## ## ## ## ##	0.00 0.00 0.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		
# G G &		18 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	OP & MA	276961 276961	N M	44			
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				* * * * * 0000 MOOO MOOO MOOO MOOO		404 600 600 600 600 600 600 600 600 600	* * * * * 0.000 0.	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	2 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4
* EE O O O O O O O O O O O O O O O O O O		T O	* * * * * * * * * * * * * * * * * * *	10 10 7017	100 144 100 11 144 11 11 11 11 11 11 11 11 11 11 11	E 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	* * * * * * * * * * * * * * * * * * *	A & & & & & & & & & & & & & & & & & & &	(
*** * * * * * * * * * * * * * * * * *	# # # # #		04 100 100 100 100 100 100 100 100 100 1	* * * * * * * * * * * * * * * * * * *	***** P-2M 	0 P 4 W 0 W 0 W 0 W 0 W	44.00 CC C	4 4 4 4 4 4 4	M7 40s1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
* E	# M 4	0.00 m m m m m m m m m	ji ∓	07 N M 5. * * * * *	RIV MR *****	M	 R W	* * * * * * * * * * * * * * * * * * *	***************************************
* L.	**************************************	EALKER C	WOLF CREEK	CANES R	RAPIDAN		E CERT I	HALIFAX, VA.	SOUTH ANNA
* 1	A WARANA	UDP GILRS	011 011 011 01	PEMBERTON GOOCHLAND	ROCK HILL GREENE	EMPORIA DAM Greensville City of Emporia	RADIUM Greensville	HALIFAX DA Halifax County of	A VAGNADOGS: BLUNTS BRIDGE SOUTH ANNA V VAUGIZY & HANDVER SOUTH ANNA S. S. DRC D. & S.
* * * * * * * * * * * * * * * * * * *	**************************************	* * VA4GRHO068 * * VAU0150 * * * S DRC I * *	* VA40RH0059 * VAU0182 * VAU0182 * * 50 0RC I *	* VA6NADDO75 * VAUS1 * VAUS12 * * * SCP I * *	* * * * * * * * * * * * * * * * * * *	* VAUNAU00078 * VAD8101 * * * VAD8101 * * * * * * * * * * * * * * * * * *	* VA6NA00077 * VAU01010 * * * UGP II * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* VA6NADOD81 * * VAGNADOD81 * * VAU0127 * * S DRC D * **********************************

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.12 PAGE 255 OF TABLE 1

# HH (X	· 報 (. * * * * * -	_		****
COST * FETC ECONOTIC * COST * FETC ECONOTIC * COST * FETC CONDIC * * COST CONTIC * * COST COST COST CONTIC * * COST COST COST COST COST COST COST COST	**************************************	•	•			1001	2000	•	1001
	*	•	•				•	_	
***************************************	* 0	0	o o				o ·	6	
A POSTO STATE OF STAT		•	•				. 6	ő	
*****	****		***	****	****	****	****	****	***
NUL. COST. NERGY COST. (1000 8)	* 10 * * 10 * * 00	27.67	24 * 24 * 34 * 34 *	00	00	76°5 •114	9.24	44 04 W. W.	 2
######################################	# 2 W	- 0	- · ·			W 60 0	in in	44	N O N O
THE CASE OF THE CA	****		***		****	****	****	*****	***
* * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	N IN 10 UF 10 UF 10 IN 10 UF 10 UF	30829 30829	7.56 W	55.0 012 013	9917	N N	9 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	17777
*FEEE 333	*	25	8 8	~ ~	מ מ	er er	Pr) Pr)	ው ው	1777
*******	* * * * * *	****	****	****	*****	****	****	****	****
* a.a. *	4 4 4	N N 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3691	300	14000	0 24703 24703	O M M	3457	4013 4013
# W H P C C C C C C C C C C C C C C C C C C	* 00 00 # # #	in in	N 141		* *	4 4 0 10		in in	यं व
*HOF *XZO	* # #								
*****	* * * *	**** 00N	****	004	****	****	****	****	****
THE STATE ST	* O M W	3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	71.9	W 4	220°0 121900 176.8	110°0 44000 106°0	27 3000 2600	98.08.08.08.00.08.00.00.00.00.00.00.00.00	0000
# # # # # # # # # # # # # # # # # # #	* ***	in in			a 52 →	-3-		4	,
*****	* * * *	****	****	****	****	* * * * *	* * * * *	* * * * *	****
######################################		7740	4 E	4 4	98		300	280	H OP 3616.0*
**************************************	K U H	X H	T M	I C	,	0. a.	ø 0	S &	I C
*	* * * *	****	****	***	****	****	*****	****	****
LCAR CONCER CONC	M7 43 11 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	888 848 878 80		10 N 10 N 10 N 10 O 10 A	21.5		M - 10	W W W	4 10 C
* - 9 * G	KW 7	77	77	40	80 40 4	60 V	7 7 7 B	20 00 50 00 50 00	W 70 W
*****	****	****	* * * * *	****	****	* * * * *	****	* * * * *	***
* < 1	r F Z	8 3 8 8	α > Ω α	> R	RIVER	RIVER	ก ค ค ส		4 >
* # # * #	SOUTH ANNA			ILLE Smith Rive Marinsville,va.				Z W W T W W	S RIVER
* 4 4 M 4 4 4 M 4 M 4 M M M M M M M M M	inas.	SAME	N M M M M	E E	I L I K	SMITH	6008E	E E	E SERVICE SERV
* 4 10				> 0	62	8 N		Φ O	2
*FZZ	K.			± ×		oc oc	DAM	19 19	3 2
# F Z Z	K K K	70 X		岀속		-			
**************************************	IER IER	ה אמשפילים ביים ביים ביים ביים ביים ביים ביים	QN O	2 E	SAW	¥ F	S NE	m a ≯m ± α Σ 6	BURG ACHI
A SARAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKA	ONDALL	OSHER PROJE	ICHMOND Enrico	2 E	HILPOHA NAUY ABANA ABANA	¥ F	JOSE CR. JUDDUN ITV OF F	NKTEY = I	NCHBURG NCHBURG
A CALCACTANTAL SALVANTAL SALVANTAL SALVANTAL COLOR COL	# # # # # # # # # # # # # # # # # # #	* BOSHER PROJECT * HENRICO	* * * HENDERD THE STATE OF THE	A A A A A A CHAY CHAY	* * * * * * * * * * * * * * * * * * *		* G003E CR * LOUDDUN * CITY OF F	** HANKLEY#HIGH ** LUNENBERG **	* LYNCHBURG WAYER WORKS * LYNCHBURG JAMES * APPALCHIAN POWER CO
**************************************	****	****	* * * *	A A A A A A CHAY CHAY	****	* * RIDGEEAA* HENRY CITY OF	* G003E CR * L0UDDUN * CITY OF	****	090 * LYNCHBURG 01 * LYNCHBURG 1 * APPALACHI
######################################	****	****	* * * *	A A A A A A CHIA CO A A A A A A A A A A A A A A A A A A	****	* * RIDGEEAA* HENRY CITY OF	* G003E CR * L0UDDUN * CITY OF	****	ADDOSO * LYNCHBURG 68001 * LYNCHBURG DRC I * APPALACHI
* * * * * * * * * * * * * * * * * * *	. * * * * *	*****	M H	MOLOG & MARTINGV SSSC & HENRY RC D & CITY OF	*****	105 * RIDGEWAY 18 * CITY OF	VACNABO152 * GDD9E CR VALO703 * LOUDDUN 2 DFC I * CITY OF F	****	****

DATE 15 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.14

ооъш -	AND TO THE PROPERTY AND		<u>.</u>	NGITUDE RAREA O MAND O MAND	*****	AVE. SCFS	84 - F - F - F - F - F - F - F - F - F -	XXX 0		Z	ERGY CO 1000 8) (S/MEH)	TREE TO THE TREE TREE TREE TREE TREE TREE TREE	SHE FRC CONFICENCE A CORPUGATOR RANK) + (SEPUENCE RANK) + (ORBUGNOE RANK) + (ORBUGNO	ANA THE CANA
**************************************	**************************************	**************************************	# (P) \$~	# 60 00 # 60 00 # 60 00 # 5 10 01 # 5 10 01	* * * * *	* * * * * * * * * * * * * * * * * * *	# 101 0010 1010 1000 1000	### ##################################		*	**************************************	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * *
VAISAW0100	A GOIN H KRAR A MOOKINNUR A DARNINALA	ROANOKA RIVERS	78	35.9 7800 7800	****	# # # # # # # # # # # # # # # # # # #	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	. * * * * *	00	.0		•
VA9SAW9998	* BOTTOM CREEK R * HONTGOMERY * STUDIED BY DAE	A SANSTAND THUS THE	M 80		****	***** 6 **	14 44 64 44 64 64 64 64 64 64		****	*****	oc .	****		
VALSAESOSOSOSOSOSOSOSOSOSOSOSOSOSOSOSOSOSOS	* LOWER SHAWSVILLE * MONTGOMER* * STUDIED BY DAEN*SAM	# # DR # X DR # # BN # A BN #	M 60	001	****	21 20 20 20 20 20 20 20 20 20 20 20 20 20			**** 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	MW WW W	***		
VASORHOO70 VAUO145 5 DRC I	* LOOP ACNIGORRY	LITTLE RIVER ***	M 60	0 4 4 4 • 6 70 0	* * * * *	TOH	1.0 % % % % % % % % % % % % % % % % % % %	* * * * *	4 4 4 4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6	****	6 M 6 M 8		· o	0
VA9SAW9997	* UPPER SHAMSVILLE * MONTGOMERY SAUDIED BY DAENI	ACULTH FORKSONSONSONSONSONSONSONSONSONSONSONSONSONS	F 0	16.1	****	* * * * * * * * * * * * * * * * * * *	848 8700 8700	****	****	****	cc	***		
VA6NAGG130 : VAUGG39 :	M CO O NO M A W CO NO	* * * * *	W. P.	8 4 4 8 4 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	****	1.01 0.01 0.04 0.04 0.04 0.04 0.04 0.04	35 49 49 49 49 49 49 49 49 49 49 49 49 49		******	044	6398.3 174.41	* O		
VA6NAD0995	* DOG ISLAND NO * NELSON	4 * * * * * * * * * * * * * * * * * * *	72	4 M 4 W 9 W W 0 O	* * * * *	20 C S C S C S C S C S C S C S C S C S C S	0 00	**************************************	* * * * * * * * * * * * * * * * * * *	0 0 0	M & M & M & M & M & M & M & M & M & M &	****		2005
VAENADO133 VAUGO77	* GLADSTONE PROC	PROJECT CAMES PIVER	737	00 00 00 00 00 00 00 00 00 00 00 00 00	* * *	* * * * * * * * * * * * * * * * * * *	195000	2 4 4 4 5 C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	E & & &	11556	包包包		

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.13 PAGE 257 OF TABLE 1

A SUPPLIES OF A	なななななななななななななななななななななななななななななななななななな	80 00 01	en O O	•	RI O C #4	°	•	ő	
******** ****************************	*	****	****	• •				•	•
# # # # # # # # # # # # # # # # # # #	######################################	N 40 N 10 N 10 N 10 N 10 N 10 N 10 N 10 N 1	8487 8487 8484 8484	24	######################################	4.00 4.00 4.00 5.00	87 80 65	6 40 6 40 6 40 6 40 6 40 6 40 6 40 6 40	71.992
AHNTO CONTROL STATE OF CAST OF CAS	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	d d www. www. www. www. www. www. www. w		10 00 00 00 00 00 00 00 00 00 00 00 00 0	T T T T T T T T T T T T T T T T T T T	REERS OF O MM MM OT O MM	7.4 44 040 040		44 000 000 000 0000 0000
004000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100				7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	M W O G G O G G	MINI C S S D S D S D S D S D S D S D S D S D S	* * * * * * * * * * * * * * * * * * *
## ## ## ## ## ## ## ## ## ## ## ## ##	* * * * * * * * * * * * * * * * * * *	000	0 00 00 00 00 00 00 00 00 00 00 00 00 0	11200011	000 NE 00 ME 00	855 67000 71000 85 8 8 8 8 8	F # # # #	64.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	
A A T C C C C C C C C C C C C C C C C C	本名を含なななななななななななななななななななななななななななななななななななな	4440.474.04	****	# # # C # # # # # # # # # # # # # # # #	** * * * * * * * * * * * * * * * * * *	T 0 10 10 10 10 10 10 10 10 10 10 10 10 1	2.H 80 80 80 80 80 80 80 80 80 80 80 80 80	118 126 24 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.000 00 1.00 0.00 1.00 0.00 0.00 0.00
AN A CONTRACTOR OF A CONTRACTO	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 CM	48 40 40 40 40 40 40 40 40 40 40 40 40 40	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	78 47.1 41.9 196 **	40 67 64 60 60 60 60 60 60 60 60 60 60 60 60 60	# # # # # 10 10 10 - * * * * *	20 20 20 20 20 20 20 20 20 20 20 20 20 2	8 40°6 * 1377 *
TA C. ID NO & PROCECT NAME THE ID NO & PRIMARY CO. INAME OF CAREA & COCC. TO COCC. TILE & COCC. COTATIO & COMPANS & COCC.	* * * * *	A NORVELOPARINA NO NA WORLSON A NORMEN GAMEN SAVERSON A WORLSON A	A NORMON ORVELOPMENT NO 1 A W NELSON TYRE RIVER F & 4 A S A S A S A S A S A S A S A S A S A	A ROCKFISH A NELSON ROCKFISH A NELSON ROCKFISH A NELSON	A SCHUYLER NO 1 2 A WELSON POCKFISH RIVER 74 CA MARB	* SERMANNA BRIDGE * 36 * ORANGE RAPIDAN RIVER* 77 *	MADISON MILLS # 36 DRANGE RAPIDAN RIVER# 76	* MODDBERRY FOREST * ME WERA TO DRANGE RAPIDAN RIVER* 78	* LURAY S FK SHENANDS 78 * POTOMAC EDISON CO OF VA
A T T T T T T T T T T T T T T T T T T T	VAENAGOISI * VAUGOSIS * 1 DRC I *	VA6NADD993 **	VA6NADO994.	VA6NADO132 * VAUGO68 * S SCP I *	VAGNADO1344 * VAUD111 * Z DRC I *	VA6NAD0096 ** VAU0088 **	VAGNADOOGB # VAUO101 I # # SCP II # # # # # # # # # # # # # # # # # #	VAENADOO97 ** VAUO100 ** SCP D **	VAGNABO156 * VA13905 * S DFC I *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.15

PRIMARY CO. TOWNS TO THE CO. TOWNS TOWNS TO THE CO. TOWNS	3"	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	CO C		0	2	144 004 00333 005 005 005 005 005 005 005 005 0	######################################	- CHEK-60	100	TO SEE SEE SEE SEE SEE SEE SEE SEE SEE SE
**************************************	**************************************	***	本 (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	* * * *	# # # # # # # # # # # # # # # # # # #	# # # B IS # # B IS # # # B IS # B I	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 0000000000000000000000000000000000	在在 在	****	******
•	S TK SHENANDO	****		****	S	in ⊶ Ni	#0 4 UI #3 UI OD UI #0 OD	2 N 20 Gb / 0 N N 2 K R R K	10 M 4 4 10 m 10 m	•	
CHARITY DAM PATRICK STUDIED 84	DAM GMITH RIVER BY DAEN-GAE	4 * * * * * *	50 6.6 117	****	T	M N N N N N N N N N N N N N N N N N N N	66 6	000	60		
TOWNES DAM PATRICK CITY OF DAN	DAM DAN RIVER DANVILLE	90 Me	4 M 5 M 6 M 7 M	****	H # # # # #	12007		17197	Q Q		
CEESVILLE Dittsville Appalachian b	ROANDKE RIVER	****	O	****		4000 4000	00 m F 4	000	60		
SCHOOLFIELD PITTSYLVANIA DAN B DAN RIVER MILLS INC	A DAN RIVER	****	6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	****	10 P C C C C C C C C C C C C C C C C C C	000 000 minu	C G G S M M C G M		0.0 b.d. e.o. w.m.		6 0 4
BENLOMOND Powhatan	LAMES BIVER	****	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	****	11 S	000°		* * * * * O.	50 80 80 80 80 80 80 80 80 80 80 80 80 80		• •
BOSCOBEL POWHATAN	CANS NAME OF STREET	****	446 446 10610	****	* * * * O * O O N P	0 0 P		4 4 4 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M	•	•
* * VA4NAGO103 * MAIDENS PROJECT * VAUGO74 * POWHATAN JAMES RIVER * 2 DRC D *	PROJECT JAMES RIVER	****	0 K 0	***	* * * * C	0 0 0	0 00 00 00 00 00 00 00 00 00 00 00 00 0		5772.7	•	•0

DATE 15 FEB B1 NATIONAL HYDROELECTRIC POWER BTUDY TIME 01.19.13 Page 259 of Table 1

C CCONSTRANTS FRC CONFICA- F	2	0. 1000	0. 2000	9. 8000	°	00.01	001	1000	
****	****	• * * * * * *	O * * * * *	· * * * *	O * * * * * *	• • • • • • • • • • • • • • • • • • •		o	
ERGY COST	**************************************	510.15 47.611	24 W W W W W W W W W W W W W W W W W W W	24 24 24 34 34 34 34	00	32. 32. 32.	00 60 60 60 60 60 60 60 60 60 60 60 60 6	10.94	66
A HIN	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	C C C C C C C C C C C C C C C C C C C			T A B B B B B B B B B B B B B B B B B B	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	**** OIN IN OIN OIT	44 44 44 44 44 44 44 44 44 44 44 44 44
004000	**************************************	6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	14 10 10 10 10 10 10 10 10 10 10 10 10 10	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	00 07 00 00 00 00 00 00 00 00 00 00 00 0
tage of 5	# # # # # # # # # # # # # # # # # # #	70°07 87°0°0 87°4 ***	N.4 **	90M 946 900 004	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			- N	40 44 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 4
A	**************************************	* * * # C * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	T + 4 0 0 0 0 0 4 4 4 4 6 0 0 0 0 0 0 0 0 0		7007 7007 7007 7007	100 847 00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	T.O. 44 00 00 00 00 00 00 00 00 00 00 00 00
10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	K K W W W W W W W W W W W W W W W W W W	38 41.6 77 16.8 894	37 31.9 77 27.2 6790	44 44 64 64 64 64 64 64	N 00 00 00 00 00 00 00 00 00 00 00 00 00	77 77 60 60 60 60 60	77 W1.0	77 25 47 6 6 6 7 7 6 6 6 7 7 6 6 6 7 9 6 6 7 9 6 9 7 9 9 9 9	37 12.0 79 52.5 51.8
	LAKE JACKSON DEM PRINCE WILLIAM CO OCOOUAN RIVE** PRINCE WILLIAM CO ***********************************	N DAM OCCOGUAN RIVER R AUTHORITY *	AAMEG DIVER OF A A A A A A A A A A A A A A A A	A A A A A A A A A A A A A A A A A A A	KANAWHA CANAL	TRECAMES RIVER	D JAMES RIVER **	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ROANOKE RHVERR * * *
TOURNESS OF THE PROPERTY OF TH	* PRINCE WILLI	A OCCUBIAN MAIN PRINCE WILLI * FAIRFAX WATER	E SECTION OF SECTION O	BOULEVARD RICHMOND	BYRD PARK 5/ RICHMOND KANAWHA CITY OF RICHMOND	HOLLYWOOD S/ RICHMOND TR=JAMES CITY OF RICHMOND	PARK SICHHON	12th STREET RICHMOND CIT	NIAGARA ROANOKE ROANOKE RIVE APP POWER
A A A A A A A A A A A A A A A A A A A	VAMNABO159 VA15306 2 DFC I	VAGNABOISB VAISBO4	VAGNADOLOS VAUOLISS VAUO	VA4NADO106 ** VAUO116 ** Z DRC D **	VAANADO108 * VA76001 * U DRC 1 *	VAGNADD109 * VA76004 * VA76004 * *	VANNADO107 ** VAUO119 ** DRC I **	VANNADO110 ** VAUO110 ** DRC D **	VAGSAWO116 * VA16101 * S DRC D *

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.13 PAGE 260 OF TABLE 1

PRIMARY CO. INAME OFFICE OFFIC	m F F M A M	* * * * * * * * * * * * * * * * * * *	⊢ :0 •	*****	AVE. S. C. S	# # # # # # # # # # # # # # # # # # #	****	MMP CN CN CN CN CN CN CN CN CN CN CN CN CN			NERGY CO NERGY CO (1000 %)	*****	2	E WANGE SPECE
	**************************************	***********	* W W W W W W W W W W W W W W W W W W W	****	13 13 13 10 10 10 10	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	જ	* * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* O * * * * * * * * * * * * * * * * * *	· · · · · · · · · · · · · · · · · · ·	10
	MAURY RIVER	* * * * * * * * * * * * * * * * * * *	4 0 4 4 4 • • ₹0	***	6.00 E	# # # # # # # # # # # # # # # # # # #	004	64 11 6 6 4 15 6 6 4 15 6 6 4 15 6 6 4 15 6 6 4 15 6 6 4 15 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	****	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1473°3 118°70	0	ċ	ő
	CT MAURY RIVER	***** W P V O	4 0 6 4 4 6 4 6 6 6 6	****	11 8 1 8 1 8 1 9 1 9 1 9 1 9 1 9 1 9 1 9	* * * * * * * * * * * * * * * * * * *	.****	6776 6776	***	4444 440 444 444 444	24 00 00 00 00 00 00 00 00 00 00 00 00 00		° °	
Ox.	MAURY RIVER	****	9 IN NI 9 IN NI IN NI	* * * * *	11 UN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13°0 100 117°7	4 * * * *	11694	044 * * * * *	207 207 307 307 307 307 307 307 307 307 307 3	514 848 948 94	****	ċ	်
⋖ b⊾	BUPFALO CREEK	****	35.0 30.0 5.0 6.0	****	1 H	40 P.	****	1001	****	N N N M O & &	100 mm		· ·	ó
0 4 0 4 0 5	ស ធា ភា ភា	***** W.V.	2 M 2 M 0. 00	****	1 8 9 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	* * * * *	****	444	0000 *****	000 000 000 000 000	24 20 20 20 20 20 20 30	****	0	.
JAMES S	0x 143 24 14 0x	* * * * *	W W CI	****	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	20.00	****	42160 42160	ស	****	¢,	000
OL.	CAL FPASTURE R	****	29°0	***	N H S H S H S H S H S H S H S H S H S H	** * * *	****	1 60	* * * * *		1818 1819 1908 1908	* * * * *	•	•
F 0 P X	SHENA	# # # Z	80 44 CO 00 4	* * *	D SP I	1848	* * *	4010	***	9847	4367 ° 0	* * *	•	•

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.14

30		****	CO Man		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	XX XX XX XX XX XX XX XX XX XX XX XX XX	TOPO	THE CONTROL TOOM A PRODUCTION OF THE PRODUCT OF THE	NUL DOG OG OG OT		ONO NO
**************************************	A A A A A A A A A A A A A A A A A A A	****	* 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	***	* * * * * * * * * * * * * * * * * * *	4	*	**************************************	**************************************	33.32.83.33.33.33.33.33.33.33.33.33.33.33.33.	X
COPPER CREEK SCOTT TVA	COPPER CREEK	****	36 39 88 48 48 48 48 48 48 48 48 48 48 48 48	****	17 01 170°05 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M + 4 + 4 + 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000 000 000 000 000	14011 14011 14011	****	
DPDABUM CREEK SCOTT	NORTH FORK H	****	36 35 4 37 4 67 8	****	* * * C * O L Ø	1000 1000 1000 1000 1000 1000 1000 100	P P P P		80 90 80 80 80 80 80 80 80 80 80 80 80 80 80	****	* * * *
ROBERTS CREEK SCOTT TVA	H MADE HEADS	****	36 38 82 85 840 840	****	TH 910-017		F # # # # # # # # # # # # # # # # # # #		1794.9	****	***
NORTH ANNA DAM SPOTSKIVANIA VEDCO	LORTH ANNA R	****	38 0.9 77 42.5 343	****	80 00 00 00 00 00 00 00 00 00 00 00 00 0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7 # # # # # O # 6 M M 	0 0 0 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	10 to	° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	* * * * *
EMBREY STAFFORD CITY OF FREDER	RAPPAHANNDCK PREDERICKSBURG	****	18 19 19 19 19 19 19 19 19 19 19 19 19 19	***	80 90 90 90 90 90	UI 4. VI4.U. *O. O.O.	(# # # # # # O M M; O M M; O M O M; O M;	OMM NO P-P- MM	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	°	****
FREDERICKSBURG Stafford	D D AM P A P P A H A N N D C K	****	4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	****	180 H0 000 100 100 100 100 100 100 100 100	0 M 型 0 O B1 0 O B1 0 O B1	* # # # # # O T T MM MM MM MM MM		© 60 0	°	# # # # # # O
SALEM CHURCH Staffurd	RAPPAHANNOCK	****	8 18.7 7 31.5 1598	* * * * *	2	104800 104800 104800 104800 10480 10		2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4 % % % % % % % % % % % % % % % % % % %	0	000
BRNADFORD SYMTH TVA	BRNADFORD SYMTH TVA	***	6 55 8 1 40 6 61	***	TH 880	* * * * * * * * * * * * * * * * * * *	2 8 8 8 8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	**************************************	1970°6 171°66		***

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.14

FEDUCATE DE CONTROL CO	原語名字信息を表現を表現を表現を を ・	* * * * * * * * * * * * * * * * * * *	巻巻 巻 巻 年	***	C	* * *	新 黎 魏 德 蔡	.	
本名を 中本 ない なん ない ない はん ない いい はん こうしょう はん こうしょう はん こうしょう はん こうしょう はん	****	****	***	***	***	***	***	***	
# # # # # # # # # # # # # # # # # # #		200 200 200 200 200 200 200 200 200 200	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0 P	8.4 6.5 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	44 44 44 44 44 44 44 44 44 44 44 44 44	1556.7 106.40	1499 1499 1099 1099	
# WIND #		4 19 4 19 6 19 6 19 7 19 8 1	* * * * * * * * * * * * * * * * * * *	22 4 00 00 0 00 00 0 00 00 0 00 00 0 00 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		4444	24 44 44 44 44 44 44 44 44 44 44 44 44 4	* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # #	E 在	는 약 원 당 보 원 당 보 원 당 보 원 분 분	* * * * * * * * * * * * * * * * * * *	0 10 10 10 10 10 10 10 10 10 10 10 10 10		N W	* * * * * * O & & IN IN IN IN	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	TO O O O O O O O O O O O O O O O O O O
XX		2 2 2 2 2 3 3 4 5 3 3 4 5 5 5 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6	* * * * * * * * * * * * * * * * * * *		N N N 0000	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	6 4 8 8 8 00 0 00 0 00 0 00 0 00 0 00 0 0	
# # # # # # # # # # # # # # # # # # #	######################################	1000 T T T T T T T T T T T T T T T T T T	* * * * * * 0 0 0 0 0 0 0	20 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TO T	######################################	2	######################################	
*****	**	* * * * * *	***	***	***	***	****	****	****
# # # # # # # # # # # # # # # # # # #	# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8 57 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	a a	4 1 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	36 43 3 81 48 6 210	0 0 0 0 0 0 0 0	2 KU 4 + CH 6 + CH 6 + CH 6 + CH 6 + CH 6 + CH 7 +	0 + 2 0 4 0 4 0 4 0 10 10 10 10 10 10 10 10 10 10 10 10 1	6 85.0 1 7.0 120
******	* 17 40 * * * * * * * 1	MF.	M 40	***		M 40	****	****	90 m
* *	# E E	SHENANDDAH OF VA	FOR HO	NORTH FORK HO	**************************************	FORK HO	2. 7.07 X	TOP LAUR	о. М Ж
* < (f) * < (f	* # 6	T VA	80UTH	- AD).c	SOUTH	MIDDLE	WHITETOP	7 EED
· •	ANARARARARARARARARARARARARARARARARARARA	WARREN Warren Potomac Edison	AL VARADO Wasmington TVA	BUFFALO FORD WASHINGTON TVA	EDMONDSON DAM Mashington Apeco	DAK HILL WAGHINGTON	RUSSELL BRANCH Kabmington Tva	STRAIGHT CRECK EASHINGTON	0.7×
***	**************************************	VAGNABO162 * VA18708 * S DFC I *	VAGURNO193 * VAUCOUSO * ORC I *	VASGRNO192 # VAUOD28 # SORC I #	VADDRNOROW ** VA141010 W ** DRC H **	VAGORNO191 ** VAUODES ** 5 DRC I **	VAGORNO190 * VAUGO21 * S DRC I *	VA7DRNO189 * VAUGOZO * S. DRC I *	VA40RHOO72 * VAUO146 *

THE TO NOT A DRIMARY CO. SAME A LATTUDE A DAM HT & EXTENSIONS AND ACCOUNT. A THE TO NOT A CO. SAME A LONGITUDE A DAM HT & EXTENSIONS AND ACCOUNTS. A COUNTY OF A CO. SAME A LONGITUDE A DAM HT CAP. ALCO CAP. ALLO CAP. ALCO CAP
#
######################################
THILDE PRESENT AND SECRET HE SERVE AND SECRET HE STANDS PRESENT AND SECRET HE SECRET H
######################################
2
* MA MANA CONT. A PRIMA A PARA
* * * * * * * * * * * * * * * * * * *

		7		-
	,	-		
	•			
				-
				•
				- - - -

SCALE DEVELOPMENT SMALL > DOITIONAL E E E Z Q Œ **≻ ⊢** 0 CAPAC POTENTIAL ပ C T 8 I OFLE PHYSICAL Œ. C **≻**

NOTE OF THE STATE OF THE STATE

u∢c	* * * 3						a.	AL I	T .	7 4 4	x	פס				• •	
H Z	* * * * * * ZO : - < Jo	* * * * * * * * * * * * * * * * * * *		AND	你 家	iz iz	k f k 3 k 2 k k 10	k 3 k <u>T</u> k 0		R K K K	k	* * * * * * * * * * * * * * * * * * *			* 8 * 7	# 100 # 100 # 30	ACC
ww► :	# * * * H > W # * * *	* * * * * * * * * * * * * * * * * * *	* H X H & X H X H X H X H X H X H X H X H	* * * * * * * * * * * * * * * * * * *	* - 4	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	*******	* * * * * * * * * * * * * * * * * * *	**************************************		* * * * * !	**************************************	* * * * * * * * * * * * * * * * * * *	***	****	***
* 0	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		K .	k +0 -				0		2 0 0 2 0			k 01-1		k 01 → 1
* 5 * 4 * 6	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* PM * PM * PM	* * * * * * * * * * * * * * * * * * * *	*			* •0	k (1.0) + 4 k = 1.0	0	* 0	k 0 *	* • •	* P4 *	E 00	* O * 1	
* 0	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 9.00 * * * * * * * * * * * * * * * * * *	* 5	* 10 00 1 *	* 1.00	* 40° 4	x	x .0 → 1	K (10 e 10 m 10 m	x •0 x •0	k 0 1	* * * * * * * * * * * * * * * * * * *	# 37-0.* # #10.*	x 00 t0 0 x 00 1	* * * * * * * * * * * * * * * * * * *	* 10 U1 4
* C * - * A	* * * * * * * WHO * EQUI * TOUR	* *	* * * * * * * ''' * ''' * ''' * '''	* * * * * * * * * * * * * * * * * * *	*	K MO	× 000 •	* 2U * 0V * 0W * * * * * * *	K * * * * * * * * * * * * * * * * * * *	270	x 01 x 02 x 01 x 01 x x x x x x	x 200 x 000 x 000 x 0100 x 10100	161	2	* MO * * * * * * * * * * * * * * * * * *	K 00 00 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	K 01
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * O	* OU :	* **	*	* 0M * 0M * * * * * *	K M 1-	K 60	K 4 X 4 X X X X X X X X X X X X X X X X			116.	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 40 41 * 40 40 * 50 40
# # # *	* Wn100	* HHH * - NM:	**************************************	* * * * * * * * * * * * * * * * * * *	**************************************		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			TOTAL UM OF C	K SAS R R R R R R R R R R R R R R R R R R R	EN TENTER OF TEN	CAPO XX	K	COLUM	S ANI	3)

DEVELOPMENT ADDITIONAL ENERGY ac ac Ω V **is.** POTENTIAL CAPACITY tui X FHYSICAL HYDROELECTRIC

FE # # # # # # # # # # # # # # # # # # #		4	4		4 4 4 4	4 4 4	4	1	***	4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	4	1	4	1 1 1 1	
* * * * *	x * *			* 3 * 5 * 5			k 8	K X K X K M K M		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TER T	N N N N N N N N N N N N N N N N N N N		K K K K K	7 TO 1		K K K K
* * *	* * * * 931 HZ	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* O O O O O O O O O O O O O O O O O O O	***************************************	* * * * * * * > Z Q * W W Y Y * O F U	* * * * * * * * * * * * * * * * * * *	* F E E E E E E E E E E E E E E E E E E	* * * * * 1	* * * * * * * * * * * * * * * * * * *		* 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	* * * * *	M C C A A A A A A A A A A A A A A A A A	* F 3 5 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
0=19	* * * * * * * *	* * * * * * * * * * * * * * * *	*	* * * * * * * * * * * * * * * * * * *	* ~	X								* * * * * * * * * * * * * * * * * * *	* ** * * * * * * * * * * * * * * * * *	000	k → in O k + 0 m k + 0 m
K 0	* * * * * * * * * * * * * * * * * * *	K 100	* 00 * 00 * 00 * 00 * 10	x	K (100) K (100) K (100)			k = = -		: 20:07 H			****	6.000 W	* * * * * * * * * * * * * * * * * * *		E 01 → 01 + 12 + 12 + 12 + 12 + 12 + 12 + 12 +
* O	* # # # # * * * * * * * * * * * * * * *	K 000 - K 1000 - K 10	* ** * * * * * * * * * * * * * * * * *	#	k 20 4			K	* * * * * * * * * * * * * * * * * * *	00111111111111111111111111111111111111	* * * * * * * * * * * * * * * * * * *	k Oct 1	* * * * * * * * * * * * * * * * * * *	x ~0.00 ±	t 0 1	80 3 80 4 80 90 4 8 8 8 8 8	400
* C * C *	* ET CD S S S S S S S S S	# # # # # # # # # # # # # # # # # # #	* ^	* * * * * * * * * * O M * * * O D P * * * O D * * * O D	* 0:	000	K	* ሚውው *	4 0 4 0 4 0 4 0 4 0 0 0	13023	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	00000 00000 00000 00000 00000 00000	K M O I I	K WOW K	20 da -	×
* * * * * * * * * * * * * * * * * * *	* * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* WW	*	# 100 # 100	K	* 0100 * 0100 * 0001 * 1000	# 30 € # +1 €	* 0 - 0 * 0 - 0 * 0 - 0	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 000 # 000 # 000 # # # # # # #	* 20 M	* * * * * * * * * * * * * * * * * * *	inte a	* ~ U.U.
4 000	**************************************	* HHH * HOM	TSTINS PECCE	**************************************	* W * >+ * U4	*	2		E H Ø Ø E 7 H H E 2 ≻ ≻ E 0 E F Ø D O Ø	T T D W D F C C	A STATE OF S	A P O P O P	ALL SITES (SUM OF R GIVEN HEAD RANGE	A	A SAN SAN SAN SAN SAN SAN SAN SAN SAN SA	20 2 AND 2417 AND 241	(M 0

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,48 PAGE 269 OF TABLE 1

**********	ASSTIN GRANDE ROND MARKATANANANANANANANANANANANANANANANANANANA	COOE COOE		7	2		2	**************************************	8	STRIFF NW NW 400 AND COLOR TO THE NAME OF COLOR TO THE NAME OF COLOR TO THE NAME OF THE NA	# # # # # # # # # # # # # # # # # # #	**************************************	****
# A A N P G G G H A A A N P G G G G A A A B G G G G G A A B G G G G	INKLIN FENGINE OF RECLA LAKE DA ELAN REC	ENGINEERS (PROSSER DIV). YAKIMA R PECLAMATION AKE DAM AN RECL DIST LL ABOVE ELEV 612	*********		*****************************	0 e 55 e 56 e 56 e 56 e 56 e 56 e 56 e 5	0	*****			0 110	******	***********

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,49

TAM A 10 NO ACT O DE CODE CODE CODE CODE CODE CAME OF THE CODE CODE OF THE COD		NAME OF OFFICE	CD * ATTCO * A TTCO *		CXX ANTO FOF	HH	AMENION-OFFICE OF AMENION OF AMERICAN OF AMENION OF AMERICAN	NUCL COST	COGH *FRC MCNOTIO COGH FRC NONMODNOTIO COGH COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER COTHER CO
A TENNORUMAN A TENNORUMAN A MONORUMAN A ON ONTO	**************************************	* * * * * * * * * * * * * * * * * * *	**************************************	######################################		# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	**************************************	***************************************
* * CONDOING *	CHILAN CHELAN	CHINASA MIVERA & A & & & & & & & & & & & & & & & & &	47 53.2 120 41.3 163		# # # # # # # # # # # # # # # # # # #	N. N. N. N. N. W. O. N. A.	* * * * * * * * * * * * * * * * * * *	77 13 15 15 15 15 15 15 15 15 15 15 15 15 15	*****
WAMNPS2668 WAU0577 W DEC D *	DRYDEN CHELAN PURET SOUND PO	POYER AND LIGHT	47 33.6 120 34.5 1150	T * 100 * 10	000	0000	* * * * * 0 0 0 0 0 0 0 0 0 0 0	M 44 M 44 M 44 M 44 M 44 M 44 M 44 M 44	****
MACNPOSITOS # MACONNOS	ETSHTMI CHELAN ICICLE	EIGHT MILE CR	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*****		000	440	W W W W W W W W W W W W W W W W W W W	
EAANPGO183 EAUOS95 T DTC II	HIGH BRIDGE AG	AGNES CREEK STEHEKIN RIVE	120 50°3	# # # # # # # # # # # # # # # # # # #	000	N.N. Aun Cau	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	****
WAJNPSO184 WAOOOO4	TAKE CHELAN CHELAN CG PUD	CHELAN RIVER	47 50 1 120 0 1 924	E E E E E E E E E E E E E E E E E E E	000 4 Na 6 M	4 W W W W W W W W W W W W W W W W W W W	We 1000 W W W W W W W W W W W W W W W W W	N. 60 100 61 O	
WASNPSO170 ** WAUDSSD ** DFC S **	CHELAN CHELAN	HENATCHEE R	47 39 4 120 43 7 670	T	70.0	166611 166611		7600.1 11.124	***
WASNPOOLOS WAUOSOA	TOCERNE BAILRO	RAILROAD CREEK RAILROAD CR	48 10.1 120 34.4	A A A A A A A A A A A A A A A A A A A	60 0 11 0 0	M WOA4000		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****
WASNPSO181 x WAU0593 x 5 DRC I x	* MCKENZIE CANYON * CHELAN	ON ENTIAT RIVER	120 26 120 000 1000 1000	* * * * * * * * * * * * * * * * * * *	808600 874600	SA SA	740001 4 4 400011 4 4 400011 4 4 4 4 4 4	1759.1	· · · · · · · · · · · · · · · · · · ·

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,49

THE STATE OF THE S	**************************************	***	****		****	****		****	***
######################################	**************************************	45514 10.156	11203	40 40 40 40 40 40	ô ô	00	# IN # IN # IN # IN	85 84 85 85 85 85 85 85 85 85 85 85 85 85 85	M (4)
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		000 000 000 000 000 000 000 000 000 00		22229007 22229007 22290007		4444	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	4 4 6 7 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	C C C C C C C C C C C C C C C C C C C	80 82 82 82 82 82 82 82 82 82 82 82 82 82	44 44 54	0000 in	101 101 101 100 100 100	900	57 TV C C C C C C C C C C C C C C C C C C	On m 1
10, 10 10 10 10 10 10 10 10 10 10 10 10 10		000	* * * * * * * * * * * * * * * * * * *		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	***** OOO OOO NING HA	* * * * *	6 11 6	M 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	# IN	EH 80 80 80 80 80 80 80 80 80 80 80 80 80	TE TO TE	III ON PARTY	HR 00 101 101 100 101 101 101 101 101 101	HR 0P 130122.44	E H	10 6 8	0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001
######################################	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	120 34°1 034°1 018°3	120 44. 120 39.6 199.6	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	27 00 00 11 00 00 00 00 00 00 00 00 00 00	47 31.9 120 17.5 94100	44 W W W W W W W W W W W W W W W W W W	24 08 10 4.04 4.04 4.00 4.00	120 36.4 120 53.0
* X	STATESTANDANDANDANDANDANDANDANDANDANDANDANDANDA	ター・アンドル かいかい かんしゅうしゅう かんしゅう かんしゅう かんしゅうしゅう かんしゅう かんしょう しゅうしょう しゅうしょう しゅうしょう しゅうしゅう しゅう	A SECTION SECT	REACH FROM OF TO TROUT OF #4 CHELAN ICICLE ORK #	ROCK ISLAND POOL CHELAN COLUMBIA RIVE* CHLEAN CO PUD NO.1	RDCKY REACH CHELAN COLUMBIA RIVE* CHELAN CO PUO NO 1	SEARG CR EHITE RIVER &	** CO SCHEET A THINKS A SCHEET BEST THINKS	* WASNPSOLYS * TROUT CR RES TO S MILE FLAT * * WAUGSST * CHELAN ICICLE CREEK * * 2 DFC S *
# # # # # # # # # # # # # # # # # # #	* * * * * *	TASSNOODS & DESCRIPTION OF CHEST A CHEST OF CHEST A CH	MASNDSO171 # PLATN MAUOSSR # CHELAN 6 DFC 1 #	MAUNDOOL76 A REAL MANUAGE A REAL MANUAGE A CHR.	EAINPGO1886 * RUC EAPO086 * CHE URC I * CHE	MAINBOOLOG # ROC MAOOOG # CHE SAOOOG # CHE SAOOOG # CHE	WAUNPSO179 & SEA WAUSS91 & CHE S DRC E & T	TAHNPOOLOU & TAHNPOOLOU & TANNPOOLOU & CHE	EASINDSO175 * 170

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,49 PAGE 272 OF TABLE 1

ACT LOEP CODE STATE	A ACIN DETA A TALBARY CO. BENEAR OF GRANES A ACIN A ACIN A CO. B. A.	~	* CD SAREA CD SAREA CD SASSAS CD SASSAS CO SASSAS CO SASSAS	* * * * * * * * * * * * * * * * * * *	* (ACT TO * * * * * * * * * * * * * * * * * *	TERES	A (TAEL) A (TAEL) A A A (TAEL) A A A (TAEL) A A A (TAEL) A A A A A A A A A A A A A A A A A A A	CHARTS (SOCIETY COOKED)	CONTRACTOR
######################################	######################################	A A A A A A A A A A A A A A A A A A A	**************************************	* 0	# # # # # # # # # # # # # # # # # # #	# # OOODS	* * * * * * * * * * * * * * * * * * *	**************************************	2 2 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 4 3 3 4 3 4 3 4 3 3 4 3 4 3 3 4 3 4 3 3 4 3 3 4 3 4 3 3 4 3 3 3 4 3
MADNPSS109 WACOSE1	* MAPATO LAKE DAM * CHELAN TRIG PROJECT * LAKE CHELAN IRIG PROJECT	TRIB TO LAKE	47 555 3 120 10 4		1001 1000 1000 1000 1000	000	* * * * * *	36 40 50 50 50 50 50 50 50 50 50 50 50 50 50	*****
WASNPSO174	A S MT CR RES TO	ICICLE CANAL ICICLE CREEK	47 34 1 120 47 1	T # # # # # # # # # # # # # # # # # # #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15 15 15 15 15 15 15 15 15 15 15 15 15 1	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	37 37 37 37 37 37 37 37 37 37 37 37 37 3	
WALIND SOROS WACCORES OFFC H	* ELWHA DAM * CLALLAM ELWHA RIVER * CROWN ZELLERBACH CORP.	ELWHA RIVER	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HR B B B B B B B B B B B B B B B B B B B	000 000 000 000 000 000	* * * * * * O O O O O O O O O O O O O O		8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	
WAUNDONNOUS WALOUNDS	FAIRHDLM CLALLAM	SOLEDUCK RIVE	0 7 10 0 10 0 10 0 10 0 10 0 10	T + A + A + A + A + A + A + A + A + A +	M M M M M M M M M M M M M M M M M M M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	174490 174490 174490	40 10 10 10 10 10 10 10 10 10 10 10 10 10	****
WAUNDUS WAUNDUS WAUNDUS WANDUS	FORKS	S S S S S S S S S S S S S S S S S S S	123 68.5 123 68.5 148.5	TH CO	4 9 0 W 0 0 0 0		44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	39.274	
EATNPOSESSO EAUORAGE 5 DFC I	GEYSER BASIN CLALLAM	ELWHA RIVER	47 87 87 88 88 88 88 88 88 88 88 88 88 88	THE SOUTH STATE OF THE STATE OF	000 0 (4 M 49 M M	22.21.21.21.21.21.21.21.21.21.21.21.21.2	C A K K K II C III III C III III C III III III II	N W & & & & & & & & & & & & & & & & & &	
WAINPSORO7 ** WAGG144 ** OFC I **	* GLINES CANYON DAM * CLALLAM ELWHA RIVER * CROWN ZELLERBACH CORP	DAM ELWHA RIVER A CH CORP	2 44 6 44 6 84 6 84 6 84		M M 000 000 000 000 000 000 000 000 000	120000 135000 27630 2444 4444	6 4 4 4 0 6 4 4 0 6 6 6 0 6 6 0 6 6 0 6 6 0 6 6 0 6 0	1007.3	
WASNPS2637 # WAUG239 # # OFC E # #	* GOLO CREEK * CLALLAM	* A DEN BORNAGEN AND A WAY	47 %6.8 123 %9	I 130		C # # # # # # # # # # # # # # # # # # #	* * * * 1 O 10 O 10 M M M M	1799.0 52.956	

	保存者的 10 年 10 日 10 日 10 日 10 日 10 日 10 日 10 日	· * * * * * * * * * * * * * * * * * * *			****	****		****	
* * * * * * * * * * * * * * * * * * *	* * * * * * * * *		****		****	****	****	****	***
NET COOT NET COOT COOT COOT COOT COOT COOT COOT CO	######################################	1554.9 27.775	5310.0	2450.8 47.763	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1571-1	3790.8	4 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N G 2 G 2 G 2 G
* * * * * * * * * * * * * * * * * * *	***********	N N O N N O N N	* * * * *		000 000 000 000 000 000 000	* * * * * O O O O O O O O NI NI	1706011 1706011 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100010001000000000000000000000000000000	# # 0 / / E # # # # # # # # # # # # # # # # #
* * * * * * * * * * * * * * * * * * *	在女女女女女女女女女女女女女女 1004100000000000000000000	T # # # # # OSS	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	表 章 章 章 C M M G Ø eri eri eri eri	* * * * 0 000 000 9	200 PG	N N N N N N N N N N N N N N N N N N N	1010
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	000 0 00 0 00 0 00 0 00 0 00			140.0 20.0 10.0 10.0 10.0 10.0 10.0 10.0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 00 00 00 00 00 00 00 00 00 00 00 00 0	00 M	# # # # # # # # # # # # # # # # # # #
* a B B B B B B B B B B B B B B B B B B	* * * * * * * * * * * * * * * * * * *	TH ####	**************************************	本本本の の II の II の II	* * * * * * * * * * * * *	T 60 00 M	# # # # # # # # # # # # # # # # # # #	######################################	# # O O M # # O O M # # O O M # # O O M # # O O M # # I I
****	**************************************	20	N4 • 6N • 0		-00 RU 00 804 RE 4 4 4 4	6.00 8.00 8.00 8.00 8.00 8.00 8.00 8.00	0 M 01 0 M 02 0 0 M 00 0 0 M 0 M 0	30°.1 10°.1 10°.1 * * * *	000 000 000 000 000 000 000 000 000 00
*	# 7 A	123	20 20 20 20 20	2.0 6.0 W	2 T T T T T T T T T T T T T T T T T T T	2 6 W	5 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	123	5 m
* *	* * * * * * *	# # # # # # # # # # # # # # # # # # #	7	K N N N N N N N N N N N N N N N N N N N	# # # # # # # # # # # # # # # #	# # # # # @: @: @: 	A * * * *	N	***
* *	* * * * * *		****	n. : * * * * * 	4 * * * * * *	****	****	****	* * * *

DATE 14 FEB 81 NATIONAL HYDRDELECTRIC POWER STUDY TIME 22,29,49 PAGE 274 OF TABLE 1

	OWNER	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	**************************************	H	HOTON BOOK A STAND	# CDOO 4 4 (8 (7 2 2 1) 4 4 4 (8 (7 2 2 1) 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ALING, BURESOVARINERSOV, COMPTA BAC NONGCONOMICS A STATE A CAST A CAST OF THE A CAST OF A CAST O
****** IIDDER DUNG	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# M D B # # # # # # # # # # # # # # # # # #	* # # # # # # # # # # # # # # # # # # #	表 C · · · · · · · · · · · · · · · · · ·	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	在在实生发生发生发生发生发生发生 对""""""""""""""""""""""""""""""""""""""	在在京都市场在市场市场市场市场市场市场市场市场市场市场市场市场市场市场市场市场市场市场
WINDFALL C	CC THE THE THE THE THE THE THE THE THE THE	**************************************	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	W W W W W W W W W W W W W W W W W W W		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	在 在 在 在 在
12 PM ND24 CLALLAM	12 PM ND24 (FINN HALL) Clailam Dungeness Riv	* * * * * * * * * * * * * * * * * * *	*****	W # # # # # # # # # # # # # # # # # # #	440	**************************************		
12 PM NO. 18 CLALLAM	18 (DUILCENE) BIG DUILCENE	* * * * * * * * * * * * * * * * * * *	**************************************		2 4 0 0 3 4	N W N W O 44 O 44	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
12PM ND23 CLALLAM	(CARL SBORG) DUNGENESS R	******	(U) (E) (E) (E) (E) (E) (E) (E) (E) (E) (E		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	医
* ARIEL DAM * CLARK * PACIFIC PD	DAM (LAKE MERWIN) LEWIS RIVER C POWER + LIGHT CO	***** **** **** **** **** **** **** ****	X 0 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	OOM ***********************************	44 44 44 44 44 44 44 44 44 44 44 44 44	800000 800000 800000000000000000000000	* * * * * * * * * * * * * * * * * * *	
* CHARTER DAK * CLARK *	EAST FORK	* * * * * * * * * * * * * * * * * * *	**************************************	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000 99 99	1114 144 144 146 148 148	01.00 02.00 10.00 10.00 10.00 10.00	本作 敬敬
COUGAR CREEK CLARK	EK WASHDUGAL RIV	* * * * * * * * * * * * * * * * * * *	\$ # # # #		44 000	64 44 000 000 000		* * * * * * *
EDDV ROCK CLARK	MAN TOOM TOWN	* 45 51.9 * 122 41.9	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	# # # # # # # # # # # # # # # # # # #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # I	(4) (4) (4) (4) (4) (4) (4) (4) (4) (4)	Cesteres est e

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TINE 22,29,50

* APADOL B APADOL B BULL BULL BULL BULL	######################################	***	***	****	****	****	****	***	***
######################################		3469 28.23.6		2000 M	16.90 16.90	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	, O O	• •	1100 1100 1100 1100 1100 1100 1100 110
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* * * * * O O O O O O O O O O O O O O O	1.00 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		# # # # 0000000000000000000000000000000	-0-6 -0-6 -0-10-10-10-10-10-10-10-10-10-10-10-10-1	# # # # #	# # 00006 RE 80 RE	* * * * * * * * * * * * * * * * * * *
4440 400 •	新 作 作 · · · · · · · · · · · · · · · · ·		* * * * * O O O O O O O O O O O O O O O	44 44 000	108000 108000 108000 108000	* * * * * O or or M M or or	* * * * * * * * * * * * * * * * * * *		4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
****		~ III III @ O RI RI 4 & O O G	M & M & M & M & M & M & M & M & M & M &	* * * * * O **O O ** O ** O **	MO W 44 44 44 44 44 44 44 44 44 44 44 44 4		##### 0000 14000 1	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	表有在4本 (5) (5) (6) (6) (7)	# # # # # # # # # # # # # # # #	* # * # # 0 0 0 0 5 0	# # # # # # # # # # # # # # # # # # #	F 60 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	T 0	T 000000	4 110 10 0 0 1 10 11 1
######################################	2		2	120 34.9 1120 314.9	N N N N N N N N N N N N N N N N N N N	44 44 44 44 44 44 44 44 44 44 44 44 44	118 MS 100 MS 10	46 39 2 4 117 24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2.00 10 10 10 10 10 10 10 10 10 10 10 10 1
* E	A CARACA	EAST FORK LEWS	TAIN CANYON CREEK	WASHDUGAL RIV	LEWIS RIVER	* * * * * * * * * * * * * * * * * * * *	LCCK AND DAM SNAKE RIVER	E LOCK AND DAY SNAKE RIVER	4
**************************************		LUCTA FALLS CLARK	TUM TUM MOUNTAIN CLARK CANYON	WASHOUGAL CLARK	YALE DAM CLARK PACHTIC POWER	DAYTON DAM COLUMBIA DOI USBR	LITTLE GOOSE COLUMBIA DAEN NPW	LOWER GRANITE COLLINGIA	PATAHA
**************************************	RANGER AND	# WA7NPP0540 # # WA7NPP0540 # # WAU0701 # # # DRC D # #	A WAYNPDOG44 B B WAUD781 B B B DFC I B	A EAGNPPO755 # EAGNPPO755 # EAUO704	WAINDTOGGA A S NOTICE I S S S S S S S S S S S S S S S S S S	A WAGNPEOGRAP A WACOUNG W A W DAC H A B DAC H	A E E E E E E E E E E E E E E E E E E E	MAGNUESCABU MAGOULO UN DEC I	A MAYNPUOATS & PATAHA TUCANNON & MAUDOAZ & COLUMBIA TUCANNON & U ORC O & COLUMBIA

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,50

** FRC MCDNOMIC * FRC NONECONDMIC* ** FRC COMPOSITE* * (SECUENCE PANK) * * (SECUENCE PANK) * * (SECUENCE PANK) *	在各位在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在	* * * * *		# # # # # # A	* * * * * * *	* * * * * *	*****	* * * * * *	(张 俊 代 俊 宏 代 俊 宏 宗 宗 张 代 俊 宏 代 俊 宏 宗 宗 宗 宗 宗 宗 宗 宗 宗 宗 宗 宗 宗 宗 宗 宗 宗 宗
* HO GG	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	-0 (V) 	#### *********************************	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	944 101 101 101 101 101 101 101 101 101 1	10691 23°764 24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************
**************************************	**************************************	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 * * * 4			* * * * * * * * * * * * * * * * * * *	61000 # # # # # # # # # # # # # # # # # #
KWXWH KXXD COAS		00 34 0 N N 4 4 4 4 4	* * * * * O O O M M O O O M M	# # # # O O O N NI N NI	* * * * * 0000 000 000 000 000 000 000	2000 2000 2000 2000	N W W W W W W W W W W W W W W W W W W W	1027001	**************************************
***	# # # # # # # # # # # # # # # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	***** O = O O = O O = O	* * * * * O O O O O O O O O O	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M 2 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N N N N N N N N N N N N N N N N N N N	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
**************************************	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在	# # # C OM	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	2 H S H S H S H S H S H S H S H S H S H	# # # # # # # # # # # # # # # # # # #
# ** ** * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	46 29.0 117 56.0	46 19.1 122 30.4 82	46 13 36 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	46 48 12 12 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	46 22 22 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	46 17 9 122 132 94 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	46 16 7 4 4 12 22 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
K 5	ANAMANANANANANANANANANANANANANANANANANA	TUCANNON MIKE	* * * * * * * * * * * * * * * * * * *	* * * OPK + TORK + TO * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	** ************************************	10U1LE RIVER * * *	* * * * * * * * * * * * * * * * * * *
k j	*	WILLOW CREEK COLUMBIA	BEAR CREEK	BEAR CREEK COWLITZ	BIG WOLF	CAMP COWEMAN	CASCADE CREEK+LOW	CASTLE ROCK COMLITZ	MAGNOPO662 & COLDMATER CREEK WAU0747 & COMLITZ NORTH FORK 1 2 DFC I *
######################################	g.	A KAUNDUNDAN A A WALOODAN A A A H ORO IN A A	* * * * * * * * * * * * * * * * * * *	A EAUNDEOSIS A EAU	E EAGNPPOSSO # # EAUNPPOSSO # # EAUNPPOSSO # # # EAUNPPOSSO # # # # # EAUNPPOSSO # # # # EAUNPPOSSO # # # EAUNPPOSSO # # # EAUNPPOSSO # # # EAUNPPOSSO # # # # # # EAUNPPOSSO # # # # # # # EAUNPPOSSO # # # # # # # EAUNPPOSSO # # # # # # # # # # # # # # # # # #	* WASNPPO660 * * MAUO741 * * U DRC D *	* WAGNPD0561 * WAUNPD0561 * WAUNTAN DPC D * * *	A EATNOPOCAGO A A WALLOSON A A COTO O A A A A A A A A A A A A A A A A A	* WAUNPDO60 * * WAUNPDO60 * * WAUNPO447 * * * * * * * * * * * * * * * * * *

A STANSON OF THE STAN	THE STATE OF THE S	Ē :	LATITOR A	***********	******		SANARATANAS SENDINE	ANNL. COST	中年年末年本年末年末年本年本年本年末年 中国第二年 - 1111年 - 1111日 - 1
* ACT DEP	DEPART TO PROFILE AND THE PROF	Σ	* OR AREA * (O M.M) *	# # # B B B B B B B B B B B B B B B B B	N. STUR.	TOT CAP.	ALNO MYNOGOTANGENES AND COLORS AN	(1000 G)	ADTECNOORD ON THE APPLICATION OF APPLICATION OF APPLICATION OF A (WORK MICHIGAN) A (
0014 P	* * *	* * * * * * * * * * * * * * * * * * *	(SO MI)	(CFS)	(FT)		A CHEMINA	CERE/S)	* (SEDUENCE RANK) * (SEDUENCE RANK) *
* EAUNDED OF S		**************************************	k → + + + + + + + + + + + + + + + + + +	T C C C C C C C C C C C C C C C C C C C				市市市 日本	***************************************
* *	* 1	· • •	★	•		3	2	-	* *
* WAUNDFURGO	* RIK CREEK		46 19	T.	0.01			2712.8	* *
* S OFC 0	* *	2	u u	10 888 0 x	* 0°00s	10000	7 40000	7.16	* *
	: : : : : : :	* *		K #			* *		* *
Z	* GREEN RIVER	* NORTH FORK TOA	122 39.0 *		86500 *	65700	* 0 287800 *	6235.6	
1 D±0	* *	**	•	1310,01	# 0°000	65700	* 287800 *	t t:	
# 1		*	•	*	*			-	* **
* MAUOTUS	* HOFFOIAUT CHEEK * COMLITZ	K HOFFSTADT CRE*	122 27	* *	04 0 0 0 0 0 0 0 0 0	0000	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6762.7	*
* 2 DFC I	***		134	770.0*	00000	70800	* 307600 *	•	
ěr e	* 1	*	* 1	*	*		*	-	*
TARNETO SIS	A JOHNSON CREEK		35	* *	** 0.01	_	* * 0	in G	**
* S * DRC I	711 MOD *	A SENTER OF THE SENTER	122 37 0 m 796 m	18 \$215°0#	# 600 17.9 *	10708	* 500891 * 500891	67,890	**
* *	*	* *	* 1	* 1	* 1			-	**
* WATNPPOSSS	* KALAMA			E RE	260.0	į	1	5133,6	* *
1 080 +		* * * * * * * * * * * * * * * * * * * *	179	1145.0*	354.6	20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* 107200 *	4	**
* *	* *	* *	* *	* *	* *			- 1	
* EAGNPDO667	* KELSO	A 4 GRAND	20 20 20 30 40 40 40 40 40 40 40 40 40 40 40 40 40	* 1	# 10 mm	q	4		
2 DRC D	# .		6.44	*0°062		2984		U.	* *
<i></i>	k ft	* *	都 被	* *	18 18		* 1	- 1	*
* WASNPOOSS4	* KID VALLEY	***************************************	46 21.		# 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0	0 0		W	
* 5 OFC D		4	1		3 (4.5	94000	# 0000mm		年 4
	t -tx			* *			* *	. 4	4 4
A WA6NPDO658	* CONTITZ CREEK	KALAMA RIVER &	26 4.9 120 0.4 130 0.4 130 0.4 130 4.4	T IN SO	* * * *		4 C C C C C C C C C C C C C C C C C C C	14299.00 A	(187 198)
· 新斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯斯	经济 动 场 华 场 华 场 华 场 华 场 华 地 华 地 华 海 斯 斯 斯 斯 斯 斯 斯 斯 斯 斯 斯 斯 斯 斯 斯 斯 斯 斯	医水体外外外外外外外外外外外外外外外外	*****		4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	x 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**	***

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,50

CODE CODE STATUS	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	CONGITUDE CO MAND CO MAND CO MAND CO MAND	E	XX	AHP 	AMEXICAL CONTROL STATEMENT OF	MNERGY COST * (8/MET) *	**COOT * COOT * COOT COOT COOT COOT COOT
X X X X X X X X X X X X X X X X X X X	NEXTERNATIONS CONTINUES OF CONT	**************************************	**************************************	4 T T T T T T T T T T T T T T T T T T T	# # # # # # # # # # # # # # # # # # #	**************************************	* * * * * * * * * * * * * * * * * * *	******** 2122.7 108.94	**************************************
WASNPPO670 WAU0768 V	* * * CONLITA	*****	46 169 169 169 169 169 169 169 169 169 16	2 H M M M M M M M M M M M M M M M M M M	* * * * * O = O O O O O	17700	77400477	80 80 80 80 80 80 80 80 80 80 80 80 80 8	
WASNPPO671 HAU0772 2 DRC I	* PIGEON SPRINGS * COWLITZ	SS KALAMA RIVERS * * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	E H A A A A A A A A A A A A A A A A A A	**** 0	161	**************************************	M M	
WATNPPOSSZ MAUOS43 6 DFC S	* SILVER LAKE W	MITH CASTLE ROCK* TOUTLE RIVER *	46.02 45.4 122 45.4 475.0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	THO H W W W W W W W W W W W W W W W W W W W	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0000 0000 0000	276700 **	48 86 86 86 86 86	
WAYNPPO6533 WAUG644 WAUG64	SILVER LAKE W	WITHOUT CASTLE RAYER & * TOUTLE RIVER *	46 21. 120 45.0 475.0 474 44 44	# # # 0 ° 0 II 6 ° 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 34 300 1 34 300	iu iu 80 80 84 84 84 0 0 0 0	19 19 19	
WASNPPO673 * WAU0775 * Z DFC I *	SCOMLITZ	* * * * * * * * * * * * * * * * * * *	46 10 10 10 10 10 10 10 10 10 10 10 10 10	T. F. S.	C # # # # # # # # # # # # # # # # # # #	10000	000 66 66 66 66 67 67 67	1540.7 1540.7	
WASNPPOST2 & WAUO773 *	ST HELENS	* ****	46 21 34 34 34 34 34 34 34 34 34 34 34 34 34	T	0000 0000 0000 0000 0000 0000	21700 21700		60 00 00 00 00 00 00 00 00 00 00 00 00 0	
MAHNPPO677 WAOODS TO THE DEC DEC DEC TO THE DECT TO THE DEC	SWIFT NO 2 COMLITZ COMLITZ CO PUD	LEWIS RIVER * *	46 38.51 122 158.51 505 58.44	# # # # # COOR E.U	* * * * * * * * * * * * * * * * * * *	70000	4 4 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00	
WA6NPPO674 * WAU0778 * S DRC D *	* TOWER-HIGH * COWLITZ *	#OUTLE RIVER #	46 21.9 * 122 46.9 * 474	# # # # # # # # # # # # # # # # # # #	1 * * * 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	. # # # O O		62657 185.37	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29.50 PAGE 279 OF TABLE 1

* * * * * * * * * * * * * * * * * * *	* * * * * * * * *	****	****	****	***	****	****	****	* * * * *
* ZC OZWO * CZ OZWO * W CW OZWO * W CW OZWO * W CW OZWO * OZWO * W CW OZWO	KENTEN TO THE TOTAL THE TO								在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在
* W	* * * * * * *	****	****	****	****	* * * * *	****	****	****
** FOO O O O O O O O O O O O O O O O O O	K W W W W W W W W W W W W W W W W W W W	10156 461.66	9949 89149	1012.3 24.630	00	3013.4 117.14	4486.7 274.37	25 85 85 4 4 8 8 8 8 4 4 8 8 8 8 8 8 8 8	40°45 3004°5 4 * * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #		000000000000000000000000000000000000000	9658094 * 341316 * 9999411 * *	441114 0001111 00001	3152216	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****		在 10
* * * * * * * * * * * * * * * * * * *		NN 000 000	# # 0000 # # # 0000 # # # 0000 # # # 0000 # # # 0000 # # # 0000 # # # 0000 # # # 0000 # # # 0000 # # # 0000 # # # 0000 # # # 0000 # # # 0000 # 0000 # # 0000 # 0000 # # 0000 # 0000 # # 0000 # 0000 # # 0000 # 0	9100	774250	AU PU 44 44 64 64 64 64 64 64 64 64 64 64 64	w w 3 4 0 4 4 0 4 4	O 20 30 O CO O O	O
*****		****	****	****	****	000		000	000 * * * * * * * * * * * * * * * * * *
**************************************	6 0000 8 0000 8 0000 8 0000	2000 2000 2000 2000 2000 2000	611000 14500 14500	67 64 64 60 60 60 60 60	36110.0 36110.0 58.00	157000 187000 187000	175.0 164.8	105.	00 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
* *	* * * O * O * O * O * O * O * O * O * O	T N N O O C I N I N N O O C I N I	# # # # # # # # # # # # # # # # # # #	11015.94 * * * * * * * * * * * * * * * * * * *	### 11688 ###	IS IS 11807 ****	HC IS IS 18	T III OM E III OM E III OM E	17.00 + 10.05.00 0.00 0.00 0.00 0.00 0.00 0.00
****	* * * * *	N *4 * *	****	****			****	*****	4 4 4 4
* D D W X X Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	70 2 70 2 70 2 70 2 70 2	46 21.5 122 40. 278	47 59.7 119 37.9 75000	47 29.7 119 45.2 287	47 56.8 119 51.8 86100	48 53 11 11 41 41 5 5 5 5 5 5 5 5 5 5 5 5 5 5	48 9.4 118 41.	48 50.1 118 10.6 4000	48 15°4 118 22°4 ** 50°4
-	****	****	M	* * * * * @:	I < E * * *	* * * * * C: U	****	* * * * * Œ W	****
* W * CC * F	* * *))	æ	≥	ΩC	RIVE	3) I &	02 # 0 # 24 *
* 60 * U * U * T	**************************************	82 83 83 84 85 85 85 85 85 85 85 85 85 85 85 85 85	COLUMBIA	DAM MCCARTENEY	COLUMBIA No 1	KETTLE	SANFOIL	KETTLE	2
* O.	**************************************	UPPER GREEN COWLITZ	CHIEF JOSEPH DAN DOUGLAS CO	LOWER RIMROCK DA DOUGLAS GLEN CORNING	WELLS DAM DOUGLAS DOUGLAS CO PUD	0.00 18.00	FERRY CR	BARRY BARRY	* KACNPOSIJO4 * TERRI LAKEG DAM STRANGER CR * KACOCR7 * FERRY SIN STRANGER CR * IN DOIL SIN
* * * * * * * * * * * * * * * * * * *	A SAN SAN SAN SAN SAN SAN SAN SAN SAN SA	E WAGNUPOGNIS E SAUCTON E SAUCTON E SE OFFC D & C	TENTOROUS AND STATE OF THE STAT	E E E E E E E E E E E E E E E E E E E	E E E E E E E E E E E E E E E E E E E	EACNT SONT IS A WALL OF THE WA	EA6NPGOLIUM EAUOLUSA S CAUOLUSA E E E E E E E E E E E E E E E E E E E	TAGENDOODS THE WASHINGTON THE WALLOUS THE	* WACNPOMAOC * * WACNPOMAOC * * * * * * * * * * * * * * * * * * *

DATE 14 PEB 81 NATIONAL HYDROELECTRIC PUWER STUDY TIME 22,29,51 PAGE 280 OF TABLE 1

ACTV DEP CODE CODE FILE STATUS	PRIMARY CO. MANE OF STREA	CONSTRUCTION OF MAN OF	8) (8)	##XX.070X. #PER. #0 (F7) # (F7) # (F7) #	112 122 123 123 123 123 123 123 123 123	# (* * * * * * * * * * * * * * * * * * *	** CONTROL STATE ** CONTROL STATE *(SEDUENCE RANK) * (SEDUENCE RANK) * (SEDUENCE RANK)
k∙o ∺	NAMES AND	# 0	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	******	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	餐
WAENPOOD17 WAO3014 P DFC I	* POTHULES EAST CANAL 22, 7 PH * PRANKLIN POTHULES CAN.** SOUTH COLUMBIA SASIN IRR. DIS**	46 26 8 120 48 4	* * * * *	,	C C C C C C C C C C C C C C C C C C C	# # # # # #	347.61 15.313	***
EAUNTOWALLIL EAOOMAN	* GENNETT DAM * GRANT * JOHN AND PAT MCDUNALD **	47 26.8 119 4.9	4 * # # # # # # # # # # # # # # # # # #	M M M M M M M M M M M M M M M M M M M	000	* * * * *	567.31	****
MAINPOODER	A GRAND COULEE DAN A GRANT COLUMBIA RIVER A DOI USBR	47 57 3 116 58 8 74100	HHCNRD	380.09 362000 341.00	6170000 3459801 9629801	22625491 * 1223700 * 23851192 *	50221 40,973	. * * # # #
KAENPSORRS WAOSORS	* POTHOLES F. CANAL HEADWORKS * CANAT POTHOLES CAN** GRANT COLUMBIA BASIN IRR; AX**	46 58.9 119 15.6	W # # # #	160.0 111700 W W 0 0 * * * * * * * * * * * * * * * *	000	0000	410°94 20°547	
MAINPSORPSORS	PRIEST RAPIOS RESERVOIR ** 60ANT CO PUD NO 1	46 38.6 119 34.6 935.0 935.0 935.0	# # # # # # # # # # # # # # # # # # #	0.00000 0.00000 0.00000 0.00000 0.000000	788500 364000 1157012	10 ** 01 ** 0 ** 0 ** 4127987	20048	* * * * * .
KARNPSULL *	* SUMMER FALLS * GRANT * GRANT * G. COLUMBIA BASIN IRR. DIGH.*	47 30.1 ** 119 17.5 *	# # # 0 000 M	**** 0 0 0 0	7 W0000 7 W0000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2651 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	
EATINGOON SEE THE SEE	A WANAPUM RESERVOIR A A GRANT CO PUD NO 1	46 52 3 4 4 119 58 2 4 4 4 90700 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	## ## ### ### ########################	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	831250 394000 1225500	# # # # # # # # # # # # # # # # # # #	20811 0	
WAANPSORGS WAUGUSI	WAANPSO233 * LOWER CANYON ** WAU0331 * GRAYS HARBOR WYNDOCHEE ** 5 DRC I **	47 6.0 t	T. TO SH SH STORP	* * * * 0° 0° 0° 0°	20 M G V M M M M M M M M M M M M M M M M M	1 * * * * 0 70 70 70 70 70 70 70 70 70 70	4853.2 51.826	

* OZ OF - 30 +	本本书书书表书书书书书书书书书书书书书书书书书书书书书书书书书书书书书书书书	* 3		在		水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水	在	* 60 (A NA
A COC		E r	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		EX	**************************************	**************************************	3 GT	A CACA NONFCCONDAICS * CACACACACACACACACACACACACACACACACACACA
* in o	ATTACKTORY (MENTAL ATTACKTORY ATTACKTORY (MENTAL ATTACKTORY) 4 GRAVO HARBOR WYNDOCHER 4	± 0c	100 000 000 000 000 000 000 000 000 000	X	* * * * O * O * O * O * O * O * O * O *	* ~ ~ ~ ~	* * * * * * * * * * * * * * * * * * *	* ហេ œ	\$ (VLC) INCIDIO & & (VLC) INCIDIO A & & & & & & & & & & & & & & & & & &
A A A A A A A A A A A A A A A A A A A	A GRACO HARBOR	**************************************	12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	* * * * * * * * * * * * * * * * * * *	10 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	56897 56897		10398 40.635	***
WA4NPSO234	A SAVE CREEK A GRAYS HARBOR	E VOOCHE REPORTED TO THE PERSON AND	47 15 W 12 W	T M S B B B B B B B B B B B B B B B B B B		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4527	***
WACNBOOLWS A WACNB	* WYZOOCHEE DAM * GRAYO TARGOR	S A A A A A A A A A A A A A A A A A A A	47 23 36 1 3 40 4 40 4 4	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	177 76000 117.8 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10000	*****	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	****
TENNADOUS TENNAD		T C T	47 47 47 4 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5	TH 00 H 0		0.4 0.04 88.0 0.83.80 80.80	* * * * * *	399 888 804 807	. * * * * *
* WAUNTOOPER	A S CELABARE CREEK	7. ELZIA MIVER 3. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	ME M	· 本 本 本 · · · · · · · · · · · · · · · ·	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M M O M M M M	. * * * * *	582 535 78 78	
A TANPOOOLA WATANPOOOLA WATANPOOOOLA WATANPOOOOLA WATANPOOOOLA WATANPOOOOLA WATANPOOOOLA WATANPOOOOLA WATANPOOOOLA WATANPOOOOLA WATANPOOOOOLA WATANPOOOOOLA WATANPOOOOOLA WATANPOOOOOLA WATANPOOOOOOLA WATANPOOOOOOOOLA WATANPOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO	A TOUCKABUOH LETTEROON	DUCKABUSH	47 40°9 1183 13°1 18	T. H. S.		1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************	7460.2 76.801	*****
A TANCOUNTS A TANC		HOH A HOH A H A H A H	10 10 10 10 10 10 10 10 10 10 10 10 10 1	T H T T T T T T T T T T T T T T T T T T	* * * * * 000 000 000 000	200 200 200 200 200 200 200 200 200 200	** * * * * * O O O O O O O O O O O O O	3161.7	***
A CONTROPORT A A CONTROPORT A A A A A A A A A A A A A A A A A A A	A MASNEGORAL & GODKIN CR. (GOODMAN) * MADORAG & GOTTERSON FLEIA JIVER * IS DRC II & COTTERSON FLEIA JIVER * IS DRC II &	(GOODMAN) ####################################	47 46°7 a 123 27°1 a 290 a 200	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	20 00 mm	**************************************	0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(张 · · · · · · · · · · · · · · · · · ·

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,51 PAGE 282 OF TABLE 1

AND	在在有我也有我们的的事情,		*****	****	******		*****		
NUC 6 0001. * NUC 6 0001. * (1000 6) * (1000 6) *	# # # # # # # # # # # # # # # # # # #	20 00 00 00 00 00 00 00 00 00 00 00 00 0	7110.6	10101 -7010 -700 -440 -440 -440 -440 -440 -440 -44	4170s6 90a101 ****	M Gi M G M G M G M G M G M G M G M G M G M G	20.00 10.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *	**************************************	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1 W 7 W 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 24 24 24 24 24 34 34 34 34 34 34 34 34 34 34 34 34 34	44 66.03 69.03 60.03 60.03 60.03 60.03 60.03 60.03 60.03 60.03 60.03 60.03 60.03 60.03 60.03 60.03 60.			1417 1417 1417 1511 1511 1511 1511 1511	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* * * *	**************************************		* * * * * O U NI U NI U NI U NI NI NI NI NI	97676 97576	OMM MM MM MM OD		3.4 11.4 0.00 0.00 4.6.6.6		# # # # # # # # # # # # # # # # # # #
* * * * * * * * * * * * * * * * * * *			0.00	160° 240° 8444			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	65 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # O O O # # # # # # # # # # # # # # #
	**************************************	T 00 00 1 1 1 00 1 1 1 1 1 1 1 1 1 1 1 1	IS 100 14076 14076	* * * * * * * * * * * * * * * * * * *	T T T T T T T T T T T T T T T T T T T	## ### 807/ 807/ 807/ 807/ 807/ 807/ 807/ 807/	THE ST 100 PM	* * * # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
(**************************************	474 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	47 WD*4 4 124 126 6 * 4 445 5 4 4 5 6 * * * * * * * * * * * * * * * * * *	47 WW 97 104 100 6 4 4 4 10 W 55 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	47 W6.9 1724 174 196.9 19 4 4 4 9 9 19 19 19 19 19 19 19 19 19 19 19 19	47 36.9 4 4 69 4 4 69 4 4 69 4 4 69 4 4 69 4 69 4 4 69 4 6	47 43.0 # 122 55.5 # 111 #	47 45°.9 4 45°.9 4 4 45°.0 4 4 45°.0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	47 MS.6 * 12M MS.6 * * 15M MS.6 * * 15M MS.6 * * 15M MS.6 * 15M MS
		α Σ Σ Σ	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	DO CLEARANA DI * NA WANTA DI * * NA WANTA DI * * * * * * * * * * * * * * * * * * *	N F DUINAULT	(DOSERALIPS) DOSERALIPS RIR	SF HOH RIVER *	A SUINAULT RIVERS
PRIMARY COL		LOG JAM Jefferson	LOWER QUEETS JEFFERSON	LYMAN Jefferson	PREACHER RAPIDS JEFFERSON	OUINAULT JEFFERSON	ROCKY BROOK (JEFFERSON	SCATE CREEK CEFFERSON	SOUTH FORK JEFFERSON
* * * * * * * * * * * * * * * * * * *		A MAGNEGO A 4 A MAGNEGO A 4 A MAGNEGO A 4 A A A A A A A A A A A A A A A A A	EAGNPSOSSS E EAUSSOSSS E EAUSSS E EAUSSS E E E E E E E E E E E E E E E E E E	TANDOODS TAN	MASONPOODSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	* * * * * * * * * * * * * * * * * * *	# EA7NPG00246 # # WAU0271 # # 5 DRC II # #	* EAUNPSOUSS * EAUNPSOUSS * EAUNSUS * * EAUNSUS * * 6 DFC II * *	A WASNPOORST & SOUTH FORK A WALOSKO & JEFFERSON SQUINAULH RI A 6 DFC I x

DATE 14 FEB 81 NATIONAL MYDROELECTRIC POWER STUDY TIME 22,29,51 PAGE 283 OF TABLE 1

* * * * * * *	***	****	****	****	***	* * * * *	* * * * *	***	***
TARRATAR ARABARA ARABARAB	依 疾								
* 00724	*								1
K H O E R L LL	k k								
*220 028	k								# # # # #
* C Z C Z W D C									1
* 8 6 6 8 8 8	<u>.</u>								
# WID NADO OF # W MO NADO OF # W M NADO OF # W MO NADO OF # W M NADO OF # W	k k								
* * * * * * * * * * * * * * * * * * *	* * * * * * *	****	****	****	****	****	****	****	****
* 8 0 0 0 0	1 4 4 4	• M	- M	* M	* C	# FF	34	Q- NJ NJ 40	000 1000 1000 1000 1000 1000 1000 1000
* > OE	100 100 100 100 100 100 100 100 100 100	50 M	280 30 .	3791 20.61	1.26	80	71.6	2.5 2.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3	6 3 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
	i Nim	4 W	ลีตั	mñ	N IN	พัพ		77	6.6
K Z Z	k k								
**************************************		044	000	0	0 10 10	000	0.0.0	0	000
* 2 8 8		3794	9327	M M	41712	10 CC CC 10 10 10 10 10 10 10 10 10 10 10 10 10	0 10666 10666	3074	147970
K OHO O O O O O O O O O O O O O O O O O	# 00 # 44 # WW	137	Q. Q.	8 6	4 4	67	20	808	47
EXZD				****					4
	*	****		****	*****	****	****	****	****
K	0 11 11	0 11 12	23260	0 5821 5821	10402 10402	6771 6771	1626	2400 2402 2402	8 8 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
E O O E O C C C	10 M	33621 33621	M W	N N	4.0	67	9 7 9	44	5 6 5
E H L L L L L L L L L L L L L L L L L L	K ~~ ~~	Lt tel	io iu	4 4		***		~ ~	w 60 # #
E HUL	r L								*
K # # # # # # # # # # # # # # # # # # #	: :								
r -	000	000	000	000	000	000	000	000	000
	0 4 000	15.0 W 50.0 0.0	60 0 0 0 0 0	740.0	80 °0 °0 °0 °0 °0 °0 °0 °0 °0 °0 °0 °0 °0	00 00 00 00 00 00 00 00 00 00 00 00 00	50°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°0°	400 988 988	W W W W W W W W W W W W W W W W W W W
K	5	- M	M.	W 2	, vie	W W	W. W	3 M	M M
x 20.	K K								
		4 4 4 4 4	****	27 20 20 20 20 4 4 4 4 4	* * * * *	* * * * *	****	****	* * * * *
K G S S S S S S S S S S S S S S S S S S	* (1)	710,	476,	6 0	5	8	62	47.7	
**************************************		5		တ *	. M			ණ * න	**************************************
	K I H	IH	I N	I H	I H	T H	I H	I H	I H +
**	*	*****	****	****	****	****	****	****	* * * * *
できる	- 0 K	€ .• O	5°- 9	e e o	0.0	N • 40	ກ້•ທ	ສ ⁰ 4 ສ	W
K T Z & O O O O O	: 4 : 1-70 : • 40 ?0		4 W	43. 7	4 11 • 4 R)	4 4 4 5 4	20 RJ 40 LJ	16.	*5 O *
K	2 2	. E	M	M	PA .	M	22 62	_	21.6
	3	3	4.4	2 4 4	2 d	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	4	5 N	3 m
* * * * * * * * * * * * * * * * * * *			****	****	* * * * * > H		m 		# # # # # # # # # #
* < 1	k Z	~				α -	GUILCENE		2 4
k bil k ck k s- k 00	GUILCE	RIVER	r i	# 	. s	÷s⊃	ILC	RIVER	02 4
K IF		r⊷ Ωe	4	₹ 3	€ 4	90 ≪	2	ax	E E
	SIG BUTTOUR SEEK SEEK SEEK SEEK SEEK SEEK SEEK SEE	HOH	11 DOSEWALIPS	10 DOSEWALIPS	14A Duckabush	13 Duckabush	916	± -	8800X108X 108X 108X 108X 108X 108X 108X
KZ X CK	x 20	Ī	0.	¥ 0.	် <u>ဂ</u> ရဲ	, , , , , , , , , , , , , , , , , , ,	a a	<u>-</u>	<u> </u>
K	k k						12PM16 (TOWNSEND) JEFFERSON		S +
* C C	TANATATATATATATATATATATATATATATATATATAT	¥	21	2		# **	Z 3	CREEK	α •
έα	SSS	NIN CONTRACTOR	USGS SITE JEFFERSON	CSSS SITE	USGS SITE	USGS SITE JEFFERSON	P S	C C	AL TERNATE King
* O:	ER SOCI	28	. α α. Η α.	eo ec ⊪ eo	on or	ကေ တေ	9 8	w Z	2 1
K		ZL	68 F	S IL	S. IT.	or a.	O IL	ALPINE King	E C
PACCECT XXX PX	r - D	3 W F-7:	コン 8 円	S E	o.⊐ o.m	2 D D		A K	AX i
	* * * * *	****	****	****	* * * * *	***	****	****	* * * * •
X X X X X X X X X X X X X X X X X X X	E ALCOURT	MASNPOOR49 WAU0321 6 DFC I	MASNPSORM MAUORMI P DFC I	MASNPOORES	4 Q	MASSNPSORES MAUGRYO P OFC S	4 70 0 70 0 H	WAENPSORTO WAUG295 S DRC I	10 to
	. 00 U	800 100 100 100 100 100 100 100 100 100	SOL	S 0 0 0	780 U026 DFC	8 0 0 P	000	000	0000
FREE CO COLLECTION COL	Z Z Z	Z Z O	Z Z Q	N A	MASNPSO244 NAUG269 S DFC S	A Z O	EASINDOOR40 WAUOUNS	Z Z	MAANPSONST WAUOROT S DRC E
	. u	KI T	a	91 =	en .s	Ri T	明 エ	40 .S	7 S \$
EFF40		Q X	E N	ž .o	in in	Z (1)	3 10	3 IO	3 m

DATE 14 FEB 81 NATIONAL HYDRÜELECTRIC PUWER STUDY TIME 22,29,51 PAGE 284 OF TABLE 1

F F C C C	2 ID NO * PRIMARY CO. = NAME 1 ID NO * PRIMARY CO. = NAME OF STRE V DEP * OWNER E CODE * FILE * TATUS *	Σ - Σ	(D A A H H H H H H H H H H H H H H H H H	** STATUS ** STATUS ** STATUS ** STATUS ** STATUS ** STEEN ** STATUS ** STATUS ** STATUS ** (FT.) ** (FT.) ** (FT.) ** (FT.)	* (1 1 1 1 1 1 1 1 1	IEXI IEXI IEXI IEXI I GOAPA (KE) P P P P P P P P P P P P P P P P P P P	*****	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	** COOMIN PROCENCE TO A SAMPANA A SA
* * * * * * * * * * * * * * * * * * *	AAXAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	**************************************	24 30 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	* * * * * *	**************************************	44444444444444444444444444444444444444	# # # # # # # # # # # # # # # # # # #	***************************************
* MATANDOONTO MATANDOONTO MATANDOONTO MATANDOONTO MATANDOONTO	* * * * * * * * * * * * * * * * * * *	BEAVER CREEK	47 36.1 121 40.8	* * * * * * * * * * * * * * * * * * *	4 4 4 4 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 °	23649 23649 23649		8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	*****
TANTOCOUGH	* CEDAR FALLS (MASGNARY * KING CEDAR * SEATLE CITY LIGHT	ASGNARY DAM) CEDAR RIVER	47 24.7 121 45.0		215 175000 612 6	30005	****	7.1129	****
MANNABORGA MANNABORGA	# DEADMAN FLAT # KING	HHITE RIVER	47 9.0 121 41.5 292	* T * T * T * T * T * T * T * T * T * T	# # # # # O # O M	48715 48715	10.10.10.10.10.10.10.10.10.10.10.10.10.1	0110 0110 0110 0110 0110	· * * * * *
MACOUDANT TO A STANDONDON TO A STANDON TO A	* OFCEPTION CREEK	K DIVERBION DECEPTION CR	121 10 5 19 10 5	1 * * * * * * * * * * * * * * * * * * *		0 7864 7864	*****	7165.3 309.99	* * * * * *
MALNPOORAGE WAS WALLOWIO N. W.	* * * * * * * * * * * * * * * * * * *	7 T TOL	121 44.8 121 41.0		W 00 00 00 00 00 00 00 00 00 00 00 00 00	999 999 988 988	* * * * * * * * * * * * * * * * * * *	3501,9	***
A WANDONG WAY A WANDONG WAY A WANDONG WANDONG WAY A WANDONG WA	* EAST FORK MILLER * KING	ER MILLER R	121 23°6 121 23°6	* * * * * * * * * * * * * * * * * * *	* * * * * 0 00 0 00 0 00 0 00	21 C C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	2300.2 49.278	***
TALCYDONNA TALCYNON TA	* * * * * * * * * * * * * * * * * * *	TOLT RIVER	47 41. 121 49.3	* * * * * * * * * * * * * * * * * * *		11.995	# 4 47774 # # 4 4 4 4 4 4 4 4 4 4 4 4 4	2436.0 51. 61	**
NOUCOUNT TENNESS TO THE TOTAL THE TOTAL TO T	A COUNTY OF GREEN SATES GREEN SATER AND SOURCE & AND NO. SATE AND SOURCE SATES AND SOURCE S	**************************************	47 7°1 101 30°3 4444	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				11 11 11 11 11 11 11 11 11 11 11 11 11	

######################################	**************************************	. Σ * 4	*	* * * * * * * * * * * * * * * * * * *	** ******** * * ******* * * ****** * * ***** * * ***** * * ***** * * * **** * * * **** * * * ****	# # # # # # # # # # # # # # # # # # #	**************************************	A * * * * * * * * * * * * * * * * * * *	**************************************
# FILE		- 1	* (IW CO)	~	* * *	33		IX X	* (SEQUENCE RANK) * * (SEQUENCE RANK) *
EAAN POOLOG	K E E E E E E E E E E E E E E E E E E E	KKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	* * * * * * * * * * * * * * * * * * *	K 4K 4 K 4K	# 0 * 0 d d d			**************************************	经保险条件 计数据 医电子性 医电子性 医二甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲
* 2 DFC I	* DAEN NPS	RED - DE TUDE E CA	1 1 1 1	1184.0*		009q	* 0000MT		* *
* *	* 1	* 1	# 1	* 1	* 1		*		*
	* HOWARD HANSON	DAM	16	v *	220.0 *		* * *	U	* *
* MA00298 * *	N X HXG	GREEN RIVER *	121 47 1 4	* C - 6 M 9	* * O IU	0000	* * 004400 * *	26,365	4 1
* 1	ex i			*	***	!	*		T #T
# MAGNPSO271	* MARTIN CAREK	* *	7	* *	* 0°00%	0	* *	4014.6	* *
# WAU0297		TYE RIVER	121 12,7 *	# 50 H	# H	19524	72435 *	55,410	**
200	r - x		0	**	* *	r u n r	n F U		* *
	1 6 6			*	*		*		*
A MAUONOM *	A SANIA CERTAN	TOTAL STATE	121 12.1 *	* * OTH	* * 0	6751	31710	108.61	* *
T DRC I	*			*56.1*	1116,6 *	6751	* 31715 *	3 •	. 4
* 1	* 1	•	≠ 1	## -	*		#		*
* MASSINGER	* MI S.9 REREG	* *	47 32.5 *	I.	400000	0	* * 0		* *
TAUDSIS .	A KING	NF SNOGUALMIER	1 43	722	* 1 0 5 0	26510	108219	42.949	
	K &	k *	* *	K #K	-	n n	* * * * * * * *		* *
				*	***		: #x		; #
* MAENPOOLSO	* MIDDLE FORK MILE		47 28	* *	* 0.02	0 6	* 0	5227.3	*
E DAG 9 *	57 TC			#1371-1#	2 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0.00	* 10407 *	トのか。かさ	* *
*	*	*	*	•	*	i i	*		· *
* 4.000000000000000000000000000000000000	:	*	21	* d	* 1		* *		*
WAUON14	X X X X X X X X X X X X X X X X X X X	* HEX TAILED NO. FX	. 0	K #	* * 0	461	* * * * * * * * * * * * * * * * * * * *	2000 2000 2000 2000	* *
* S DRC I			25	*416.2*	291.7 *	24616	* 50607	1	* *
# 1	# ·	*	*	*	*		*		*
* MASINDSOLUSS *	* MILLER FORKS	* *	40	¥ ¥	* * 0.00	•	* *	108684	* *
* WAUGET	DZHX *	MILLER RIVER *	121 23,2 *		ı	27609	977	2183.6	· · · · · · · · · · · · · · · · · · ·
- 14 CO PC 14 4	* *	* *	04	# 60 0 0 0 0 0 m	* * *	27609	* 49771 *		# ·
		. *		: *	: *		t 4 €		**
* TADONAGONAT *	* ALD MOUNTAIN	* 4 307710 31113	47 80 W +	* *	M50.0.0	0 0	* * *	454.024	* 1
* 2 DFC I *	A DAEN NPS			743.0*	•	3000	13000 *	•	* *
******	教教会教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教教	****	*********	****	****	******	****	*********	· 张

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.52 PAGE 286 OF TABLE 1

K	AXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ARABARARARARARARARARARARARARARARARARARA	CATITUDE :	SEARCH SE		* * * * * * * * * * * * * * * * * * *	**************************************	ANUL COST	**************************************
* CODE CODE * STATUS	E	K * * *	X (- - - - - - - - - - - - - - - - - - -	* (IXX)	(1000 B)	AND THE TRANSPORT A CHARLE A CAST CONTRACT A CAST A
AKARAFAKKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKA	**************************************	《安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安安	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 00 H	-	# 144 # 144 # 100 # 000	**************************************	**************************************	10 C C C C C C C C C C C C C C C C C C C
A K A K A K A K A K A K A K A K A K A K	N NO ONOBUALMIR	NE SEREG AT ERAN	47 36 4 121 41 64	T * * * * * * * * * * * * * * * * * * *	N	N N 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	* * * * * * * * * * * * * * * * * * *	5039.2 31.81	****
* * * * * * * * * * * * * * * * * * *	* X NP SNDQUALMIE	A COMER ON THE A CONDOLALMIES	47 34.7 121 42.8 64	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11 10 00 00 00 00 00 00 00 00 00 00 00 0	* * * * * * * * * * * * * * * * * * *	10331 10331 989	***
A A A N POUNDON A A A A A A A A A A A A A A A A A A A	NA ONDOUALAIN A KING	PIPELINE POSERS NE GNODUALMIEN ************************************	47 38 4 121 41 0	T 00 00 H	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	10000	710000	6500.3 90.726	* * * * * *
A THE A COUNTY OF THE A	* * * * * * * * * * * * * * * * * * *	A WOUNDUNG ON THE WOOLD ON THE	47 34.0 121 42.8	# T. 0. 0. T. # # # # # # # # # # # # # # # # # #		12 to		200 200 200 200 200 200 200 200 200 200	****
A * * * * * * * * * * * * * * * * * * *	A * * * * * * * * * * * * * * * * * * *	CEDAR RIVER	47 25.1 121 47.1	T T T T T T T T T T T T T T T T T T T	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M W W W W W W W W W W W W W W W W W W W	****	948 848 868	: * * * *
A WALORDAGE A WALO	*****	60 A A A C C C C C C C C C C C C C C C C C	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	M	W W W W W W W W W W W W W W W W W W W	***	3056.6 221.61	. * * * *
* * * * * * * * * * * * * * * * * * *	SNDDUALMI KING PUGET SND	E FALLS 1 2. * * SNOGUALMIE RI*	47 32.4 121 50.1 375	TO T		41690	**************************************	00	****
* WAGNESSES * * WAGNESSES * WAUGNESSE * WAUGNESSE * * * * * * * * * * * * * * * * * *	A MALONDONO M A SULNDAY CR. A MALORYS W KING A MALORYS W KING A W CORC II & A W CORC II &		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	2		80 80 80 80 80 80 80 80 80 80 80 80 80 8	* * * *

	A PRIMARY CO. INAME OF	Σ	HANN CHANGE	0 (0 L	######################################	200 C C C C C C C C C C C C C C C C C C		- 00 CF	* COEDUENCE BANK) * (SEDUENCE RANK) * * (SEDUENCE RANK) * * (SEDUENCE RANK) * * * * * * * * * * * * * * * * * * *
A SANGANA A SANG	**************************************	* W.	**************************************	**************************************	** 0 ° 0 ° 6 ° 6 ° 6 ° 6 ° 6 ° 6 ° 6 ° 6 °	# # # # # # # # # # # # # # # # # # #	4 4 0 0 0 0 0 0 4 4 4 4 4 4 4 4 4 4 4 4	1125.7 198.31	
HADNPSORBE HADOLTT	* TOLT DAM RESERVOIR * KING * CITY OF SEATTLE	VOIR SF TOLT R	444 000 000 000 000 000 000 000 000 000	00 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *	0000 mm	74 000 000 000 000 000 000 000 000 000 0	10 40 77 7 10 4 10 4 10 4 10 4 10 4 10 4 10 4 10 4	* * * * * *
EASINDSORES	* * * * * * * * * * * * * * * * * * *	FOSS RIVER	47 40°9 ** 121 17°6 ** 466 **	* * * * * * * * * * * * * * * * * * *	200°. 487°. ***		76670	88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	
MATNPOODES MALORYS 6 DFC E	* * * * * * * * * * * * * * * * * * *	THE CENTER OF TH	121 49 121 49 120 00 00 00 00 00 00 00 00 00 00 00 00 0	100 100 100 100 100 100 100 100 100 100	N 00 0		410420	80 GR 24 G 24 G 25 G 26 G 27 G 28 G 28 G 28 G 28 G 28 G 28 G 28 G 28	
WASNPOOSBI WAUDWIT	TAMEN FALLS	* * BIM JAUDONO PO	47 06 27 4 4 101 410 41 410 41 410 41 410 41 410 41 410 41 410 41 410 41 410 41 410 410	27 00 H 00 H 01 T T T T T T T T T T T T T T T T T T T	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	113698 # # # # # # # # # # # # # # # # # # #	0, 01 0, 0 0, 0 0, 0 0, 0 0, 0 0, 0 0, 0	
WAANPSOR61 WAUG274 S DRC I	WESTON SITE NO		121 121 124 68 44 44 44 44 44 44 44 44 44 44 44 44 44	**************************************	00 G			4010*9 191.71	
WA4NPS2664 X WALOS66 X DFC I X	BIG SALMON LA	SAC CLE ELUM R * * *	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 10 17,7° 17,7°	# # # # # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 0 mm	58 8 8 6 8 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8	
WACNPSOUIG #	* CLE ELUM LAKE * KITTITAS * DOI USBR	CLE ELUM R	47 14.7 *** 121 4.7 * * * * * * * * * * * * * * * * * * *	E E E E E E E E E E E E E E E E E E E	71000 41000 41000 6000 4 4 4 4 4 4 4	* * * * *	* * * * * * * * * * * * * * * * * * *	11.4 10.4 24.0 0.00 0.00	
* WAANDOOMO1 * * WAANDOOMO 1 * * * * * * * * * * * * * * * * * *	* DUDLEY * KITTITAS YAKIMA RIVER *	YAKIMA RIVER *	47 6.9 # # 120 43.6 # # 840 #	H E E E	0.00	0 10 10 10 10 10 10 10 10 10 10 10 10 10	109914 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	34.85.9 34.85.9	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.52 PAGE 288 OF TABLE 1

1. C.M. C.4. 化 S.H. 计	-	· 在我是我们就是我们的我们的我们的我们的我们的。	· 社会工作公司公司	· · · · · · · · · · · · · · · · · · ·	化复数化物 化二二二十二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二	在安全的 医多种	· · · · · · · · · · · · · · · · · · ·	* 1	在原始在新年期的 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
200,0	TANCERO TANENT TANENTS OF TANENTS	A MANUTO TO TANKA * MANUTO TANKA * MANUTO TO TANKA * MANUTO TO TANKA * MANUTO TO TANKA * MANUTO TO TANKA * MANUTO TAN	CONGITUDE *	E	XX. OLD XXX	HNOL CAN	* TALCO CONTROL * CACO CONTROL * CAC	SNERGY COST	** FRC NONDALC * ** FRC NONDALC * ** FRC NONDALC * ** FRC NONDALC *
FILE			(SO,MI)	(CFS)	(AC FT) *	4	X X CISE	T :	* (SEGUENCE RANK) * * (SEGUENCE RANK) *
EAUNDUNG NG N	r .		47 14.7 *		K # 0 * 0 M			**************************************	· ** ** ** ** ** ** ** ** ** ** ** ** **
# S DRC H	**************************************	* * 1	180	#835.0*	159	· se	* * :	; ;	. *
		R *K	•	* *	* #		* *		* *
WACCOUTS.	* KITTITAS	YAKIMA RIVER *	121 11.2 *		N 4	0 M 6 M 9	24537 #	395,45	* *
* S DRC II	* DOI USBR	* *	\$	# 0 % N N N N N N N N N N N N N N N N N N	# # # # # #	S.	4 (1)		* *
		***	1 1	*	- -		*		
A MARINAGOUS A SOUND SOUND A SOUND S	* CLLENGE SE	YAKIMA RIVER *	120 40 5 4	* * 	* *		* *	0 0	* *
# 5 DRA I		! :		* 0	325.0 *	0	* ******	•	
	k #	* *	*	* *	* *	·	* *		* *
A EAVENDENCES	* FISH LAKE DIV	# 3	47 30.1 *	# 4 T P	300		0 1	1938.4	(* ·
		יא נונ מונ	. U3	141.24	* 1 * 7 7 9	9 60	775	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	* *
* 4	**	* 1	* 1	* 1	* ·		* *		
WASINDOUS A	FORTUNE		80	E #	* 0°005	0		8036.9	* *
-	* KITTIA8	CLE RLEM AIVE*		1S * 1	8 80.0	21367	95466 *	₽. 4.	* *
* 1	* 1	o de todo	* 1	• 1	* 1	,	* 1		*
	HOWSON BELOW	BIG SALMON - FER	47 22,9	¥ *	* 0°02	0	• •	1291.9	* *
* WAU0564	* KITTIAS	₽.	121 5.8 4	# # # # # # # # # # # # # # # # # # #	* *		* 1	493	* 1
-		*	1	2					x +x
	* HUCKLEBERRY	* *	27	* *	100.0	. 0	# # C	1606.4	* *
MAU0569	* KITTITAS	CLE ELEM RIVE*	121			1963	9663 *	166.22	r ≱ r'
	* *	* *	* *	A M M M M M M M M M M M M M M M M M M M	* * *	o	9		* *
	· •	: *		1	## ·	,	. **		
* TACNTOOLIS	* KACHEGO LAKE * KITTITAS	X ACHESS RIVERS	121 12	* *	* 0.000 54.0000 54.0000	T.	10	223,78	* *
-			49	-291.7*	20	2587	11015 *	•	t 4 €
* *	* *	* *	* *	* *	* #		* *		* *
WACNPOOSIS			6	HCR *	20,83	0	0	427,33	* *
	A DOI LOSSA	YAKIMA RIVER *		. UP . 340 . 4*	* 000004	00 W	1044M1 *	eri OD	* *
· · · · · · · · · · · · · · · · · · ·	化物质 医医疗 医医疗 医医疗 医医疗 医医疗 医医疗 医医疗 医医疗 医医疗 医医	******************	***	***	****	· 教育教育教育教育教育教育	- 我就我就在我我我我	****	· · · · · · · · · · · · · · · · · · ·

DATE 14 FEB 81 NATIONAL MYDROELECTRIC POWER STUDY 71ME 22,29,53

AT TO COOR THE COOR T			CONSTRUCTION A * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	### ### ### ### ### #### #### #### #### ######	* CASTO A COOO CASTO A CASTO A COOO CASTO A	ENERGY COST (1000 8)	RG*ANUL, COST * FEC MCGNOHIC GY*ENERGY COST* FRO NONGROUNDAIO GY* (1000 8) * (NEGUENCE RANK) * (607EH) * (NEGUENCE RANK) * (607EH) * (NEGUENCE RANK)
A CONTRACTOR OF THE CONTRACTOR	A TOPONO CONTRA	**************************************	# # # # # # # # # # # # # # # # # # #	**************************************	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	**************************************	**************************************	**************************************	工作技术 工作技术 工作技术 工作技术 工作技术 工作技术 工作技术 工作技术
MASINPOSOSOS MAUSOSSS S DRC I	* NELSON * ANTHHAS	YAKIMA RIVER	* 47 11.7 * 121 2.8 * 121 2.8	T T T T T T T T T T T T T T T T T T T	27 RJ CO CO CO	ဝကလေ	*****	1314.5	
MAGNEGOSTIN WALOSTIN	* RED MOUNTAIN * KITHHTAS	COOPER RIVER	* 47 25.2 121 9.0 * 121 8.0	T 100 100 100 100 100 100 100 100 100 10	- 10 - 10 - 2 - 2 - 3 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4	O O O ALCA SIT SIT M M M M		4171 68,524	
WASNPSOGOT	R ROSLYN R KITTITAG	CLE ELEM RIVE	4 47 12.9 4 4 12.1 1.4 4 4 12.1 1.4 4 4 12.1 1.4 4 4 12.1 1.5 4 4 12.1 1.5 4 12.1 1.5 4 12.1 1.5 4 12.1 12.1 12.1 12.1 12.1 12.1 12.1 12	1100 s 100 s 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	ဝဖဖ	000	N N N N N N N N N N N N N N N N N N N	
WA4NPSO311 WAUOS68	* SCATTER CREEK * KITTITAS	CLE ELEM	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		000	2 4 4 2 4 4 2 4 4 3 4		10 40 40 40 40 40 40 40 40 40 40 40 40 40	
WAANPOOGO	N W W W W W W W W W W W W W W W W W W W	YAKIMA RIVER	4 47 7°4 4 4 120 44°1 4 4 8 8 8 8 8 8 4 4 4 4 8 8 8 8 8 8 8	A A A A A A A A A A A A A A A A A A A	0 0 00 0 00 0 00 0 00 0 00 0 00 0 00	S A W	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1774 1114 114 116 118	
MALNEGOMOM MALNEGOMOM MALOS MA	THE ALL THE STATE OF THE STATE	YAKIMA RIVER	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #		112116	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	21 20 20 20 20 20 20 20 20 20 20 20 20 20	
EAANPGRASSISTE EAUOSMR # EAUOSMR # # OFC E # # # # # # # # # # # # # # # # # #	TEANAWAY ALTERNATE KITTITAS YAK	AAKIMA RIVER	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	000	0 446 W	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6582 42.499	
EAGNPSORGG * WALOSE7 * R DFC I *	* WAENDSORGS * UMTANUM * WAUDSET * KITTITAS YAKIMA RIVER * ? DFC I *	YAKIMA RIVER	4 46 45 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * O O St. St.	74440		94 94 94 94 94 94 94 94 94 94 94 94 94 9	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.53 PAGE 290 OF TABLE 1

**************************************	R	****	****	****	****	****	****		
******	: : : * * * *	****	****	****	****	***	****	****	数数数数 4
* FO (0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	r 0.4 r 0.0 r 4 4 r		N M #W G O	44444444444444444444444444444444444444	변 변 6 연 각 때	00	12194	. 98. 9.98.	15.486.6
MAN NO NO.	K + + 10 K + + 10 K + 0 K + 0	349	W (1)	W 4 Q W	3 m 3 m 3 m		9 1 6 1 6 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	W d.	M 40 00 00 00 00 00 00 00 00 00 00 00 00
	; ; ; ; ; ; ; ;	* 0 12 * 4 27 * 4 26 * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1467 # 1467 #	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	34000 4 0000 4 4 0000	741360	
* * * Z Z T T T T T T T T T T T T T T T		in in	12715	2.2	9 W	47 47 40 40	134	44	N 1817
* * * *	****	044 *****		0 W W	****	8 * * * *	000	0 K K K K K	000
# # # # # # # # # # # # # # # # # # #	k K	0 0 10 10	in in	88 88 88 88 88 88 88 88 88 88 88 88 88	4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0096	0000g	0 175711 75773	34687
****	***		4 * * * *	****	0 - M	* * * * *	O RD # # # # #	****	0-44
* * * * * * * * * * * * * * * * * * *		169.	35.0 38.0 899.4	4 0 W W W 0 4 0 W W 0 4 0 W W 0 4 0 W W 0 4 0 W W 0 0 W 0 W	4 04 4 0 4 0 4 0 4 0	125 1081 174	W	7 W 7	569
# # # # # # # # # # # # # # # # # # #	8 31 Z B	NI NI NI NI NI NI NI NI NI NI NI NI NI N	10 10 15 0 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	010 0010 010 010 010	HR OP 1137.0**	* * * * * 0000 0001 001	11 01 17 170,001	X * * X * * * * * * * * * * * * * * * *
****	: : : * * # #	****	*.*.* * *	****	****	****	* * * * *	****	* * * *
* 10 10 1	17 25 2 121 9 5 35	27.3 1 7.8	56.0 1 7.0 528	50.9 1.3.9 1.80	49.9 27.9	- 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	42.0 1 16.0 1343	# # # # # # # # # # # # # # # # # # #
* 4 2 2 0 0 0 0 1	2.5	72.	2 4	2 H	10 W	u v	* * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
* 2	. نينا ×	71 7 71 71	AT RIV	KLICKI	SALMON	ALHON	A C N S	AT RIV	Z i
* U.C.	* * * * * * * * * * * * * * * * * * *	WAPTUS	KLICKITAT	LITTLE	E H H S	HHITE SALM And Light	20 20 20 20 20 20 20 20 20 20 20 20 20 2	KLICKITAT	EH III
* Z Z & Z Z Z	500	3 4		- 1	ē.	A WE H	0 H		3
**************************************	K X X X X X X X X X X X X X X X X X X X	Ø	BRIDGE	CREEK ATEEK	CHUSU) AT	DAM AT POWER	NIX OS FY	A P P I D	j
**************************************	**************************************	HAPTUS KITTITAS	ALVORDS BRIDGE KLICKITAT	BOWMAN CREEK KLICKITAT	8-2 DAM (HUSUM) KLICKITAT	CONDIT DAM KLICKITAT PACIFIC POWER A	CRYSTAL SPRINGS DAM (WALL KLICKITAT WHITE SALM	FOOT OF RAPIDS KLICKITAT	GILMER KLICKITAT
* X X X X X X X X X X X X X X X X X X X		W H=	* * * * *	\$ # # # #	****	****	* * * * *	200 000 4 4 4 4 4	M M M
* * * * * * * * * * * * * * * * * * *	**************************************	WALUSTS S DRC I	WASNPPO678 WAUO616 6 DRC D	WAENPPO679 Walobzo Z DRC I	WASNPPO681 Walo629 2 DFC I	WAJNPPO698 WAGGOOI S DFC D	WASNPPO689 WAU0646 S DFC D	WA4NPPO696 WAU0752 6 DRC I	* WASNPOSES * GILMER * WAUGES * KLICKITAT WHITE SALM * 2 DRC E *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.53 PAGE 291 OF TABLE 1

ACT DEP CODE CODE FILE STATUS	****	A TO E O TO E A	TONO CONSTRUCT C	23355 m m	ATUS VE. Q (CFS)	**************************************	AND TO TO TO TO TO TO TO TO TO TO TO TO TO	OCUPA OC	7 COST	** FRO NONGCONOMICS ** FRO NONGCONOMICS ** (OFFOURNOR JANK) * * (OFFOURNOR JANK) * **
EAUNPPOCOUNTS EA	**************************************	. 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* 7 * 17 * 2 * 4	# # # # # # # # # # # # # # # # # # #	**************************************	# 10 # 10 # 10 # 10 # 10 # 10 # 10 # 10	######################################	**************************************	######################################	では、 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
MASNPPO685 WALO637	* LITTLE KLICKITAT * KLICKITAT KLICKITAT *	AT KLICKITAT RIV	* * * * * * E	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	* * * * * * * * * * * * * * * * * * *	N 40 6	O 80 30 M M M M O 0 4		4 to 0 to	****
EAUNPOOSES	* MIDDLE BIG WUDDY * KLICKITAT B	DY BIG MUDDY CRE	***** 4 1 6 1 6 1	* * * * *	* * * # # # # # # # # # # # # # # # # #	10.00	0 9 8 0 10 0 10 0 10	C R R R R R R R R R R R R R R R R R R R	705°79	
EAUNPPOSSON	* OUTLET CREEK D * KLICKITAT *	DIVERSION KLICKITAT RIV	* * * * * * * * * * * * * * * * * * *	0 00 C	T + + O = (1) (1	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3465 3465 3465 3465 3465 3465 3465 3465	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4414.6 16.720	
WA6NPPO588 WAU0641	* OUTLET CREEK RI * KLICKITAT	RESERVOIR KLICKITAT RIV	**** 2 2 2 4 4 5 6 8 8 9 9 9 9 9 9	62-21 N - 60 D - 64-44	**************************************	M W W W W W W W W W W W W W W W W W W W	44 0 0 84 44 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 10 10 10 10 10 10 10 10 10 10 10 10 1	
MATNPPO695 WAU0709	* TROUT LAKE(LITTLE MOUNTAIN) * KLICKITAT WHITE SALMON*	HE MOUNTAIN) WHITE SALMON	* * * * * * * * * * * * * * * * * * *	****	1100 0110 0110 0110 0110 0110 0110 011	150000 150000 150000 1014 1014 1014 1014	13669	706000	8207 115.95	
WAYNPPO694 WAU0703	* CINCERPOOD	EHITE SALHON	* * * * * * * * * * * * * * * * * * *	3 W W 3 → 30 0 • 4 2 × * * *	1 40 7 40 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A A A A A A A A A A A A A A A A A A A	44 0005 0000	11.0000 44.0000 000000	24 25 25 25 25 25 25 25 25 25 25 25 25 25	
WASNPPO691 * WAU0681 * Z DFC D *	MALLACE BRIDGE KLICKITAT	DAM (8=Z) WHITE SALMON	M M M M M M M M M M M M M M M M M M M	*****	TH SO ON MIN	0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0000 0000 0000 0000 0000	000 000 000 000 000	M H M H M H M M M M M M M M M M M M M M	
MASNPPO693 * WAU0698 * S	# WASNPO693 # WRIGHT # WAU0698 # KLICKITAT KLICKITAT RI # 5 DFC D #	>	* 45 48 * 121 9	* * * *	3 H S S S S S S S S S S S S S S S S S S	10.00	O O O Sin sin sin sin	4 4 0 0 0 0 0 0	2734.6 55.109 *	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,53

CCCT	ID NO * PRIMARY CO. INAME OF STREAD DEP * CODE * CODE * CODE * THE	*****	ATTUDE NGITTUDE OR AREA (D M.M)	PROJ.PUR STATUS AVE.	****	OTC CAN CAN CAN CAN CAN CAN CAN CAN CAN CA	დ⊁≯ დაფი	00 6 00 C 00 C	A 2
**************************************	**************************************	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	**************************************	《 · · · · · · · · · · · · · · · · · · ·
EASNPPO712 * WAUO746 * OFC E *	CLEAR FORK LEWIS	CLEAR FURK **	46 W9.0 121 M7.0 4 4 SM 87 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 + + + + + + + + + + + + + + + + + + +	2 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13700		1889.0 31.537	****
MAGNPPO704 ** WAU0684 **	COMLITZ FALLS LEWIS	RESERVOIR) * COMLITZ RIVER*	46 28 0 122 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 H C C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	475179 475179 4 475179	9446 WR WR W	35.25	****
**************************************	COWLITZ FALLS LEWIS	COWLITZ RIVER*	46 28 5 1 1 2 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 24 24 24 24 24 24 24 24	2600000 2444 2444 2444	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	23941	***
WATNPPOTOW * WAUOÉSW * DRC D *	COWLITZ FALLS LEWIS	(DIVERSION) ** COMLITZ RIVER*	46 28 0 122 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	21. 22. 32. 33. 34. 30. 34. 34. 34. 34. 34. 34. 34. 34. 34. 34	10676 000 000 000 000 000 000	UI U	156667 156667 156667 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2.000 000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.	****
WAENPPO713 WAUO749	T C C C C C C C C C C C C C C C C C C C	22 23 24 24 24 34 34 34 34 34 34	* * * * *	2. H 2. C C C C C C C C C C C C C C C C C C	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		111111111111111111111111111111111111111	10999 98.388	***
WATNPPOTIGE WALLOTUS IN DRC IN	GRAVEL BANK LEHIS	CHSPUS DIVER * * * * * * * * * * * * * * * * * * *	46 25 0 12 12 12 12 12 12 12 12 12 12 12 12 12	8 * * * * *	0000 0000 0000 0000 0000	16201 18201 1844	11 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	****
MAGNPPO70S MAUO586 5 DFC U	GREENHORN CREEK LEELIS	CISPUS RIVER * * * * * * * *	46 26 0 0 0 1 1 1 2 2 0 0 0 0 1 1 1 2 2 1 1 1 1	1 3 4 5 6 6 6 7 4 4 4 4 4 6 6 6 6 7 4 4 4 4 4 4	4 W U U U U U U U U U U U U U U U U U U	4 4 4 0 0 0 0 7 4	* * * * * * * * * * * * * * * * * * *	8 40 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	***
WASNPPO71S WAUD7S7	* * * * * * * * * * * * * * * * * * *	* * * * UDON TOO	46 33.55 # 101 41.00 # # 400 # 4	* * * * * * * * * * * * * * * * * * *	10°00 10°00 10°00 10°00 10°00	13.47000 talks 13.4700 talks 13.	* * * * 0005 66 89	1651.6	***

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,53 PAGE 293 OF TABLE 1

2 2 2 2 2	TACLIC TANKER OF STREET OF	Σ	TA T	コン・マート	** * * * * * * * * * * * * * * * * * *	### ### ### ### #### #################	A LINENERS A LINENERS CARE CARE CARE CARE CARE CARE CARE CARE	000 000 000 000 000 000 000 000 000 00	ERC ECONOMICS ERC COMPON SEQUENCE RAN (SEQUENCE RAN (SEQUENCE RAN
* * ∞ ⊢	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	COMLITZ RIVER	# # # # # # # # # # # # # # # # # # #	* 0:	# # # # # # # # # # # # # # # # # # #	* 000	600000 44 4000000 44 4000004 44 44 44	# # # # # # # # # # # # # # # # # # #	C XXVC UDVICTORO CONTRACTOR CONTR
MAGNPBO716 WAU0763	A N TENTO CONTRA CO CONTRA	GREEN RIVER	46 23.4 122 13.0		* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 000 000 000 000	14 00 44 00	
MAGNOPOVIV	C C C C C C C C C C C C C C C C C C C	TILTON RIVER	46 34.9 89.0	T	309°6°	78207 78207	1005 1005 1005 1005 1005 1005 1005 1005	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	
MAINPPOTET # WAOOLSI # # DPG I # # # # # # # # # # # # # # # # # #	MOSSYROCK DAM LEWIS CITY OF TACOMA	COWLITZ RIVERA	46 WW 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7.080 0.00 0.00 0.00 0.00 0.00 0.00 0.00	13 60 60 84 84 84 84 84 84 84 84 84 84 84 84 84	300000 150000 450000	736000 * 300000 * 1036000 *	10.0771. 10.070. 12.070.	****
EAGNPPO718 # WAUO765 # 6 DFC I #	MUDDY FORK	MUDDY FORK/CO*	46 39.0 *	** * * * * * * * * * * * * * * * * * *	C * * * * * * * * * * * * * * * * * * *	M W CO	14496000 2000000000000000000000000000000000	17.00 17.00	* * * * *
WASNPPOTRO WAUOTTO WAUOTTO WAUOTTO WAUOTTO WAU	NORTH FORK TIL	ADP-140 NOR-1-00 14 41- NOR-1-140	166 100 100 100 100 100 100 100 100 100	11 0 170 0 14 4 4 4 4	4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	24 WW W 0 WW 2 V V	N:00 00 00 00 00 00 00 00 00 00 00 00 00	1266.4 50.976 * * * *	****
#A7NPPO719 # #AU0769 # # # ORC D # # # # # # # # # # # # # # # # # #	NORTH FORK	A A A A A A A A A A A A A A A A A A A	46 23.4 # 121 46.9 # 30 # #	**************************************	27.00 27.00 27.00 20.00 4.00 4.00	* * * * * * * * * * * * * * * * * * *	00000000000000000000000000000000000000	M M M M M M M M M M M M M M M M M M M	***
EAGNPBO721 E EAUO771 E E OFC DE E	OHANA L'EWYS	A * A TRICOGH A * A A * A * A * A * A * A * A * A *	46 43 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	SH * * * * * * * * * * * * * * * * * * *	****** 000* 000* 000* 000*	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * OOO OO OO OO OO OO OO OO OO	3921.6 61.372 *	****
* ACNTOTONO * * * * * * * * * * * * * * * * * *	PACKWOOD DAM LEWIS WA DUB POWER	LAKM CAMPER A A A A A A A A A A A A A A A A A A A	46 35.7 * 121 33.9 9 * 18	# # # # 00 00 00 01	# # # # 00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00 00 00 00	101000 101000 100000 100000 10000	100 100 100 100 100 100 100 100 100 100	****

DATE 14 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.54 PAGE 294 OF TABLE 1

CONTRACTOR	REFERENCE AND	****	****	****	****	****	****	* * * * *	
### HOOO + ### ### ### ### ### ### ### ### ##	* * * * * * * * * * * * * * * * * * *	11	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 44 44 44 44 44 44 44 44 44 44 44 44	200 200 200 200 200 200 200 200 200 200	7229.0 * * 64.199	20 00 00 00 00 00 00 00 00 00 00 00 00 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4 4 4 4 0 0 0 0 4 4 4 4 4	164000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11 11 11 11 11 11 11 11 11 11 11 11 11	* * * * * O O O SIN SIN O O O SIN SIN SIN SIN SIN SIN SIN SIN SIN SIN	111 111 111 111 111 111 111 111 111 11	# # # # # 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	10-17-00-0-18-18-18-18-18-18-18-18-18-18-18-18-18-
XXD 0.07 0.07 0.07 0.07 0.07 0.07 0.07 0.0	t .	0000 9MM 4444		* * * * * * * * * * * * * * * * * * *	11 11 11 11 11 11 11 11 11 11 11 11 11	* * * * * * * * * * * * * * * * * * *	*****		A 4 0000 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
		24 20 20 20 44 44 44	* * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	W 40 00 00 00 00 00 00 00 00 00 00 00 00	M	* * * * *	4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W	* * * * * * * * * * * * * * * * * * *	2
# # # # # # # # # # # # # # # # # # #		* * * C *	# # # # # #	# # # # # # # # # # # # # # # # # # #	E H S S S S S S S S S S S S S S S S S S	* * * * *	# # # # # # # # # # # # # # # # # # #	TH SO O O	* * * * * * * * * * * * * * * * * * *
**************************************		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	121 46 40 60 60 60 60 60 60 60 60 60 60 60 60 60	46 34 9 122 31 0	121 48 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	266 101 103 103 103 103 103 103 103 103 103	* * * * * * * * * * * * * * * * * * *	* 47 49 00 4 117 115 00 4 10 11 11 11 11 11 11 11 11 11 11 11 11
•	SON FORK	OIL VER CREEK	A A A PECOSH X A A A X A X A X A X A X A X A X A X	**************************************	TILTON RIVER	CISPUS RIVER	CISPUS RIVER	SINGTON DEFENS	POKANE POKANE POLKANE POLKANE
PRIMARY CO. INAME OWNER	KKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAKAK	SILVER CREEK LEWIS	STICENTS TALLS	SKYD MOUNTAIN	TILTON	TOWER ROCK LEWIS	WALUPT LAKE Lewis	ELENATON CREEK	LITTLE FALLS DAM LINCOLN SPOKANE YASHINGTON WATER POWER
77 11 10 00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A TANDONGO A A TANDONGO A A TANDONGO A A A A A A A A A A A A A A A A A A A	A MUNDPROOT A MANUAL BAUDAGO A MANUAL BA	* WAYNPPO707 * * * * * * * * * * * * * * * * * *	T E E E E E E E E E E E E E E E E E E E	* WA7NPP0708 * * WA7NPP0708 * * * * * * * * * * * * * * * * * * *	* WA6NPP0722 * WA6NPP07722 * WAU0779 * *	THE EAPLO CO. CO. CO. CO. CO. CO. CO. CO. CO. CO	A EAUNDPOYDU A EAUNDPOYDU A EAUND O EAUND O EAUND EAUN	* * * * * * * * * * * * * * * * * * *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,54 PAGE 295 OF TABLE 1

ACTV DEP CODE CODE STATUS	****	Σ	*** CD SANGE (CD Mark) (CD	` _	XX C	111 101 102 103 103 103 103 103 103 103 103 103 103	# (**************************************	* ERC NONECONOMIC* * ERC COMPOSITES * (SEQUENCE RANK) * * (SEQUENCE RANK) *
A MARKA A A A A A A A A A A A A A A A A A A	**************************************	* 111	# # # # # # # # # # # # # # # # # # #	######################################	# 000 00 00 00 00 00 00 00 00 00 00 00 0	######################################	**************************************	**************************************	で 2 2 2 2 1 3 2
EATNPSOUSS WALORES	* * * * * * * * * * * * * * * * * * *	SF SKOKOMISH	100 mm m	T 100 110 110 110 110 110 110 110 110 11	M 00 W 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 04 04 04 04 04	167130 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7.057 38.784	* * * * * *
AAUNDOODAX AAOODAAN OTO OO	* CUSHMAN DAM NO * MASON * CITY OF TACOMA	NT SKOKOMISH	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	HR 009	0 / 0 / 0 / 0 / 0 / 0 / 0 / 0 / 0 / 0 /	43200 2160 45360	110000 11	271.92 49.441	. * * * * *
EACNTOOUS SECTIONS OF OFT O	* CUSHMAN REGERVOIR * MASON NOT TACOMA	NO N	47 23.8 123 11.9	AH A	10 10 10 10 10 10 10 10 10 10 10 10 10 1	0 1000 0 1000 0 1000 0 1000 0 1000	1100000 H H H H H H H H H H H H H H H H	438.12 39.829	****
MAGNOGUES IN	# DUCKABUSH HYDROELECTRI # HASON DUCKABU	DUCKABUSH R.	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	T OO	M + W	000 9 M M	0000 in h-	5 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * *
WATNPS0322 WAUQ267 2 DFC I	T HAMMA HAMMA MAGON HAMMA	TANKAT AND	47 33.6 123 4.5 76	**************************************	***** ~ 00 ~ 0 ~ 0 0	000 91 91 9 9	000000000000000000000000000000000000000	1781 35.680	****
MASNPGOUZI MADOROS 6 OFC H	MATANON TANON TO A SERVICE SER	TO NO LE	12 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A T T T T T T T T T T T T T T T T T T T		44 44 66 60 60 60 60		200 200 200 200 200 200 200 200 200 200	****
EACNPOULLO EACONRILO S ORC I	BLUE LAKE DAM OKANDGAN WA STATE GAME	(RES) TRIB TO STELAM DEPT	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	0 M M	37.415 9865.7	* * * * * *
MATNPSOURS WALOSON R	* CALCHAY CREEK * OKANDGAN METHOW RIVEF *	* * * * * * * * * * * * * * * * * * * *	120 27 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	R R R R	170.0 **	41 4 41 4 6 4 4 6 4 4	27 4 4 4 1 0 00 0 00 0 00 0	6406.0 151.50	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.54 PAGE 296 OF TABLE 1

* * * * * * * * * * * * * * * * * * *	在 依 依 依 依 以 以 以 *	****	****	****	*****	****	****	* * * * *,	
# # WED COUNTY # # WED COUNTY # # # # # # # # # # # # # # # # # # #	**************************************								
* QC QUO: *QU UOO: *U UOO: * X * X * X * X * X * X * X * X * X * X	*	****	****	****	****	****	****	*****	
* F Ø	* * * * * * * * * * * * * * * * * * *	49. 49. 17. 17.	864 86 80 80 80 80 80	12895	38.946 594.97	5221.3	35,927 18983	9718.4 57.609	13865 37,4865
* Z Z	* * * * * * * *	****	****	****	****	****	****	* * * * *	****
A CART A RESTRICT OF COLOR OF	E C IN IN E IN IN E E E E E E	44 0 0 0	325 325 325 325 325 325 325 325 325 325	114526 114526		41 41 44 60 60 60 60 60 60 60 60 60 60 60 60 60	OHH	168697 168697	0 369879 369879
	K O 17 10 K O 17 10 K A A A A	000	*****		4 * * *		000	0 10 10 * * * * *	0000
* * U333			0 49871 49871	1375		ชา (ก ณ ณ ณ ณ ณ ณ		10411	0 56712 56712
****	* * * * * * * * O O **	* * * * *	****	****	****	****	****	****	000
* 4 . * 2		63.0 1660 57.9	0.00%	32 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3 4 3 4 6 0 6	110.0	53.0 67.0	309.00 309.60	370.0
* * * * * * * * * * * * * * * * * * *	* * * *	****	* * * * *	****	****	4 * * * *	****	V. * * * *	* * * *
* (2 (2)	K	10R 0P 41	2 H 80 H 80 H	н 13 +626	2 2 2	π μ	R 0 8 1	TH SE	10019 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
****	* * * * *	* * * * *	* * * *	****	****	****	****	* * * * *	* * * * *
* * * * * * * * * * * * * * * * * * *	44 44 44 44 44 44 44 44 44 44 44 44 44	48 32.2 119 44.	48 11.2 120 5.6 1664	24 ** 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	48 49.7 119 15.7	46 34. 120 21.	48 21.6 119 41.	48 82.6 120 15.6	48 9.1 120 3.7 1682
* * Σ * <	* * * * * * * * * * * * * * * * * * *	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	00 >> 00 00 00 00 00 00 00 00 00 00 00 0	RECK ENVER	0 3 0 0 7 * * * * *	* * * * * * :		02 UI >	* * * *
* 50	* X	~ ~ ~ ~		CCHEMACK.			ANO	α. Ν Ε	ar ar
* * * * * * * * * * * * * * * * * * *	* TO	RESERVOIR SALMON RECL DIST.	METHOW		ANTOHNA	M H H H H	OUD PRINTE	27 F 27 F 27 S 20 S 27 S	MENT NO N
* Z X & *	* * * * * *	2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	. Σ	х п ж х		Σ.	## 		0 0 0 0 0 7
* W C C * C C C C C C C C C C C C C C C	* W * W * C	S	.	in .	TANCHERS DAM OKANOGAN R'M. FANCHER	in A	LEADER LAKE OKANOGAN PLEASANT VALLEY IRR	LITTLE BRIDGE OKANGGAN	č o
	* 2	L A C	87 (2) (1) (4) (1) (2)	E C	# G # # G # # A A # S A	GOAT CREEK Okanogan	LEADER LAKE OKANOGAN PLEASANT VA	70 6.0 A N	2 Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
* 0. *	* X 4	204	CC		ū Z ·	₽Z	CZA	ΗZ	
# C. # M # AC # T # AC # AC # AC # AC # AC # AC # AC # AC	ATTRACTORY COUNTY CONTRACTORY CONTRACTORY COUNTY CO	CONCONT OKANOON LK CHE	OKANO	E T C T C T C T C T C T C T C T C T C T	A X.	GOA	POERA	LIT	MCFA
* * * * * * * * *	* * * * * *	19 * CONCONULLY 18 * OKANGGAN 1 * LK CHELAN R	S T T T T T T T T T T T T T T T T T T T	11 4 BIGHT TILE	****	****	* * * * *	****	M HCFARLAND M H OKANDGAN
* * * * * * * * * * * * * * * * * * * *	* * * * * *	****	****	***	****	****	* * * * *	****	382673 # MCFA 10598 # DKAN
* * * * * * * * * * * * * * * * * * * *	THE STATE OF THE S		****	MAGNPSONMI & ELGH MAUCSON & DKAN U DRC I &	****	EANSNPSOUNDS & GOLA SALOSON & OKA U DRO H & OKA			***

CATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,54

THENSOLANDIC CONTRIBERT AND									
* 20 00 00 00 00 00 00 00 00 00 00 00 00	はなるないでは、								
* - 0	*	т ж ж ж ж . От M1			*****				
NELS CONTROL C	2736e1	1272	8634 48.47	6396*3 47*250	2742.7 57. 67	37.679 9702.0	11924 11924 1194	35.796 19295	1582.9 40620
*****	****	****	****	****	*****	****	****	****	***
# # EX H W W W W W W W W W W W W W W W W W W	* * * * * * * * * * * * * * * * * * *	44110 44110 1100 1100 1100	178140 178140	0 17770 17770	48061 48061 48061	OMM	563500 563500	0	M M
	****	0 M M O	0	0.00	000	****	****	000	044
# # # # # # # # # # # # # # # # # # #	# 000 # 000 # # # #	0 M M 0 M M M M M M M	33611 33611	33516 33516	17486		8 8 3 4 8		
*****	****	****	****	****	****	****	****	****	* * * *
* E C + C + C + C + C + C + C + C + C + C	*	345°O	150.0	160.0 150.0	4 4 0 4 0 0	1000	500°00°00°00°00°00°00°00°00°00°00°00°00°	915.W	# # # # # # # # # # # # # # # # # # #
*****	* "	. * * * # #	4 4 4 4 4	* * * * *	****	* * * * *	* * * * *	****	* * * *
**************************************	****	1587	2390	2363	2426	E .	1689	•	,
* 0.	* 0 :	I M 8	I	I H	± # *	8	I H	X	I H
* * * * * * * * * * * * * * * * * * *	# I/I # N/ • O	80 -	F. 0	N 40	0 49	M eW	0 .a	0°N	ω°
ALLE SER	4 % % % % % % % % % % % % % % % % % % %	4 4 5	34 44 44 54 54 55 55 55 55 55 55 55 55 55	33 Se 53 Se 54 Se	15 15 15 15 15 15 15 15 15 15 15 15 15 1		50.	% .v.	80
* 42 2 2 2 2	# # # # # # # # # # # # # # # # # # #	48 0.51	119	119	119	48 118	48 119	4 1 6 5 0	* 48 29.5 * 120 9.9
* * * * * * * * * * * * * * * * * * *	* × * * 1	****	****	****	****	****			
* <u>*</u>	* >	ae:			OZ.	٠ ت	****	** # #	
≨ ₹	* 14	lte:S	z		œ	iii	M M SC SC M	물	
≨ ₹	* 14	R ₹ ∨ ₹	z		œ	2 2 3 3 4 3 3 4 3 3 4 3 3 3 3 3 3 3 3 3	3 7 8	TO METHO	
≨ ₹	* 14	R ₹ ∨ ₹	z		œ	2 2 3 3 4 3 3 4 3 3 4 3 3 3 3 3 3 3 3 3	3 7 8	TO METHO	
≨ ₹	* 14	lte:S	SIMILKAMEEN	SIMILKAMEEN	Œ	LITTLE NESPEL	(a)	DAM Trib to metho	
≨ ₹	TALLO TALLO OKANOGAN RHI	METHOW RIVE	ALT SIMILKAMEEN	SIMILKAMEEN	œ	DAX LITTLE NESPEL	3 7 8	AKE DAM Trib to metho Dist	
≨ ₹	TALLO TALLO OKANOGAN RHI	METHOW RIVE	ALT SIMILKAMEEN	SIMILKAMEEN	SIMILKAMEEN R	DAX LITTLE NESPEL	N AETHOW NIVE	I LAKE DAM TRIB TO METHO	
≨ ₹	TALLO TALLO OKANOGAN RHI	METHOW RIVE	ALT SIMILKAMEEN	SIMILKAMEEN	SIMILKAMEEN R	DAX LITTLE NESPEL	N AETHOW NIVE	I LAKE DAM TRIB TO METHO	
≨ ₹	**************************************	R ₹ ∨ ₹	ALT SIMILKAMEEN	SIMILKAMEEN	SIMILKAMEEN R	DAX LITTLE NESPEL	3 7 8	I LAKE DAM TRIB TO METHO	
TANKE OF TAN	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	* MILE 19 1/4 * OKANDGAN METHOW RIVE	* NIGHTHAWK ALT * OKANOGAN SIMILKAMEEN *	* NIGHTIANK * OKANOGAN SIMILKAMEEN *	* DROVILLE * OKANOGAN SIMILKAMEEN R *	* OWHI LAKE DAM * OKANDGAN LITTLE NESPEL* * DOI.81A	* PATEROS * OKANOGAN METHOW RIVE	* PATTERSON LAKE DAM * DKANDGAN TRIB TO METHO * WOLF CR REC DIST	
TANKE OF TAN	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	* MILE 19 1/4 * OKANDGAN METHOW RIVE	* NIGHTHAWK ALT * OKANOGAN SIMILKAMEEN *	* NIGHTIANK * OKANOGAN SIMILKAMEEN *	* DROVILLE * OKANOGAN SIMILKAMEEN R *	* OWHI LAKE DAM * OKANDGAN LITTLE NESPEL* * DOI.81A	* PATEROS * OKANOGAN METHOW RIVE	* PATTERSON LAKE DAM * DKANDGAN TRIB TO METHO * WOLF CR REC DIST	
SANDARANANANANANANANANANANANANANANANANANA	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	* MILE 19 1/4 * OKANDGAN METHOW RIVE	* NIGHTHAWK ALT * OKANOGAN SIMILKAMEEN *	* NIGHTIANK * OKANOGAN SIMILKAMEEN *	* DROVILLE * OKANOGAN SIMILKAMEEN R *	* OWHI LAKE DAM * OKANDGAN LITTLE NESPEL* * DOI.81A	* PATEROS * OKANOGAN METHOW RIVE	* PATTERSON LAKE DAM * DKANDGAN TRIB TO METHO * WOLF CR REC DIST	N # PEARRYGIN 1 OKANGGAN LAKE CREEK 1 #
A TANAL A CO. STANAL CO. CANAL CO. C	**************************************	METHOW RIVE	ALT SIMILKAMEEN	* NIGHTIANK * OKANOGAN SIMILKAMEEN *	334 # OROVILLE 14 # OKANGGAN SIMILKAMEEN R 1 # OKANGGAN	DAX LITTLE NESPEL	92672 * PATEROS 0196 * OKANOGAN METION RIVE	I LAKE DAM TRIB TO METHO	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,54 PAGE 298 OF TABLE 1

10 10 10 10 10 10 10 10	在 10 CO A C A C A C A C A C A C A C A C A C	· PART	· 女女女女女女女女女女女女女女女女女女女女女女女	AAAAAAAAAAA A LATITUDE A ALCNGTIUDE A	*****	**************************************	AN A	· 水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水	A A A A A A A A A A A A A A A A A A A	*************************************
**************************************	* ACTV OFF COPE STATE		•	CD KARE CO KARE CO KARE CO KARE	が は ひ マ マ	(FT) # (FT) # (FT) # #	**************************************	A A A A A A A A A A A A A A A A A A A	(1000 B) (8/MWH)	CONTROL TO THE CONTROL THE CONTROL TO THE CONTROL T
MANUGAN POHER AND IRRIGATION C* 26 ** ** 19.9 ** 19.9 ** 10.0	* 10	**************************************	* U:	######################################	* CC * CC * * * *	# 00 # 4 00 # 4 00 # 4 00 # 6	我我我我我我我我我我我我我我我我	数ななどを表を表を表を表する 数	24444444444444444444444444444444444444	外外的现在分词的现在分词的现在分词的现在分词的现在分词形式的现象形式的现在分词形式的现象形式的现在分词形式的现象形式的现在分词形式的现象形式的现象形式的现象形式的现象形式的现象,可能是现象的现象,可能是现象的现象,可能是现象的现象,可能是现象的现象,可能是现象的现象的现象,可能是可能是一种情况的现象,可能是一种情况的现象,可能是一种情况的现象,可能是一种情况的现象,可能是一种情况的现象,可能可能是一种情况的现象,可能是一种情况的一种情况的一种情况的一种情况的一种情况的一种情况的一种情况的一种情况的
SALMON LK DAM (CONCDUNLLY LK 40 333.4 * 107 * 400.0 * 1600.0 * 17 * 66 * 600.0 * 17 * 1800.0 * 17 * 66 * 600.0 * 17 * 1800.0 * 17 * 66 * 67 * 67 * 67 * 67 * 67 * 67	DRC	OKAN. POWER	Z.		6 0	# # 0° ° 0°	∩	* * O	•	
STANDGAN SALMON SALMON SALMON CR			- - >	2 2 4	: ## # G E	: # # O O #		* * * * C	9 4	
SHAKERS BEND SIMILKAMEEN R* 119 31,0 * 16 SHANKERS BEND SIMILKAMEEN R* 119 31,0 * 16 SHANGAN SIMILKAMEEN R* 119 31,0 * 16 SHANGAN SIMILKAMEEN R* 119 31,0 * 16 SIMILKAMEEN DAM (ENLOE DAM) * 48 57,9 * H SIMILKAMEEN DAM (ENLOE DAM) * 48 57,9 * H SIMILKAMEEN DAM (ENLOE DAM) * 48 57,9 * H SIMILKAMEEN DAM (ENLOE DAM) * 48 57,9 * H SIMILKAMEEN DAM (ENLOE DAM) * 48 57,9 * H SOLANGGAN SIMILKAMEEN DAM (ENLOE DAM) * 48 57,9 * H SOLANGGAN SIMILKAMEEN R* 119 31,3 * D SOLANGGAN SOLANG		DKANDGAN DOT LEBBO		119 44	,) ~		2	
SHANKERS BEND SIMILKAMEEN R* 119 31,0 % 15 SCHANGGAN SCHANGGAN SHERP CREEK * 46 50,0 % 16 % 16 % 17 % 16 % 18 % 16 % 18 % 18 % 18 % 18 % 18	-				•	K #K				
** SHEEP CREEK ** 46 47 4 * H ** 119 31 0 * H ** 12403.9* 244.0 * H ** 140 0 * H		STANKER		en ec	* *	Z60.0 *	0	* * *	175	
SHEEP CREEK SHEEP		OKANDGAN	OZ Z W	119 31	. FOB6	# 0 976	400	N n	5	
SHEEP CREEK * 48 47 4 * H * 140.0 * 161 * 1523 * 977. * 154.0 * H * 156.5 * H) }	: - 80	•) }	b Fr		4		
** OKANDGAN CHEWACK RIVER* 120 4.2 * 156 * 151 * 1523 * 977* ** SIMILKAMEEN DAM (ENLOE DAM) * 45 57.9 * 1 * 55.0 * 10 * 1523 * 145.0 * 10 * 1523 * 165.0 * 166.0 * 16		SHE		48 47.4		140.0 *		_		* *
** SINTLKAMEEN DAM (ENLOE DAM) * 46 57.9 * 1 * * 55.0 * 12428 * 45843 * 14.55 * 6684 * 65.0 * 12428 * 45843 * 14.55 * 6684 * 65.0 * 12428 * 45843 * 14.55 * 6684 * 65.0 * 12428 * 45843 * 14.55 * 6684 * 65.0 * 12428 * 45843 * 14.55 * 6684 * 65.0 * 12428 * 45843 * 14.55 * 6684 * 65.0 * 12428 * 45843 * 14.55 * 6684 * 65.0 * 6685 * 66	MAU0506 DRC I		R N N N N	120 4.	s -216.	3	20 40	20 20	9	
* SIMTLKAMEEN DAM (ENLDE DAN) * 48 57.9 * H * 55.0 * O * 124.28 * 45843 * 14.5 * O * O * 124.28 * 45843 * 14.5 * O * O * 124.28 * 45843 * 14.5 * O * O * 124.28 * 45843 * 14.5 * O * O * O * O * O * O * O * O * O *					• •	•)		
** DKANDGAN BIMILKAMEEN R* 119 30.0 * 12428 * 45843 * 14.5 ** SPECTACLE LAKE DIKE ** 46 48.9 * 18 * 13.0 * 0 * 38.1 ** SPECTACLE LAKE DIKE ** 46 48.9 * 18 * 13.0 * 0 * 38.1 ** OKANDGAN PUD ND 1. ** 46 48.9 * 18 * 13.0 * 0 * 150 ** SALAN CREEK METHOW RIVER * 120 0.9 * 19 * 0 * 150 ** TWISP ** 46 21.7 * 1 * * 290.0 * 930.0 * 606894 * 24.8 ** TWISP ** 46 21.7 * 1 * * 290.0 * 930.0 * 606894 * 24.8 ** TWISP ** 46 21.7 * 1 * * 290.0 * 930.0 * 606894 * 24.8 ** TWISP ** 46 21.7 * 1 * * 290.0 * 38623 * 246536 * 65.6 ** NORTH RIVER ** 120 6.7 * 18 * * 90.0 * 36623 * 246536 * 65.6 ** NORTH RIVER ** 120 6.7 * 18 * * 90.0 * 36623 * 246536 * 65.6 ** NORTH RIVER ** 120 6.7 * 18 * * 90.0 * 36623 * 246536 * 65.6 ** NORTH RIVER ** 120 6.7 * 18 * * 90.0 * 36623 * 246536 * 65.6 ** NORTH RIVER ** 120 6.7 * 18 * * 90.0 * 36623 * 246536 * 65.6 ** NORTH RIVER ** 120 6.7 * 18 * * 90.0 * 36623 * 246536 * 65.6 ** NORTH RIVER ** 120 6.7 * 18 * * 90.0 * 360.0 * 300.0 * 64.6 ** NORTH RIVER ** 120 6.7 * 18 * * 90.0 * 360.0 * 300.0 * 64.6 ** NORTH RIVER ** 120 6.7 * 18 * * 90.0 * 360.0 * 300.0 * 64.6 ** NORTH RIVER ** 120 6.7 * 18 * * 90.0 * 360.0 * 300.0 * 64.6 ** NORTH RIVER ** 120 6.7 * 18 * * 90.0 * 360.0 * 300.0 * 64.6 ** NORTH RIVER ** 120 6.7 * 18 * * 90.0 * 360.0 * 300.0 * 300.0 * 64.6 ** NORTH RIVER ** 120 6.7 * 18 * * 90.0 * 360.	-	SIMILKAMEEN	(ENLOE DAM)	48 57.9	1	J.			7.6	* *
* SPECTACLE LAKE DIKE * 48 48,9 * IR * 14100 * 0 * 5 * 6664 * OKANDGAN AIVE* 119 31,3 * OP * 14100 * 0 * 5 * 6664 * DOI.USBR * 48 5.1 * H * 580.0 * 0 * 93050 * 606854 * 24.8 * THISP * 48 21,7 * H * 200.0 * 93050 * 606854 * 24.8 * THISP * 48 21,7 * H * 200.0 * 36623 * 246536 * 656854 * 65.6 * NORTH RIVER * 1230 * 41412.3* 280.0 * 36623 * 246536 * 65.6 * NORTH RIVER * 12350 * 64.9 * NORTH RIVER * 12351 * H * 90.0 * 36623 * 246536 * 65.6 * NORTH RIVER * 12351 * H * 90.0 * 36623 * 246536 * 65.6 * NORTH RIVER * 12351 * H * 90.0 * 36623 * 246536 * 65.6 * NORTH RIVER * 12351 * H * 90.0 * 36623 * 246536 * 65.6 * NORTH RIVER * 12351 * H * 90.0 * 36623 * 3		OK ANDGAN OK ANDGAN	ILKAMEEN R	119 30°	8 *2410	\$ v	2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	566 564	36	* *
** SPECTACLE LAKE DIKE					* 1	•				
* OKANDGAN OKANDGAN RIVER 119 31,3 % OP * 14100 % O * 15 % 6664 % * 15 %		SPECTACLE	DIKE	48 48.	œ *	13	0	**		
** SOUAN CREEK ** 48 53, ** 1 ** 580.0 ** 93050 ** 606854 ** 24.8 ** OKANOGAN ** TWISP ** TWI	# WA00272		RIVE	119 31	4 5 1	4	0 0	**	₹	
** SQUAN CREEK ** 48 5.1 ** ** 580.0 ** 0 ** 0 ** 150 ** OKANDGAN METHOW RIVER ** 120 0.9 ** 15 ** 0 ** 93050 ** 606854 ** 24.8 ** THISP ** 48 21.7 ** ** 290.0 ** 93050 ** 606854 ** 24.8 ** THISP ** 46 21.7 ** ** 290.0 ** 38823 ** 246536 ** 65.6 ** OKANDGAN METHOW RIVER ** 120 6.7 ** 18 ** 0 ** 38823 ** 246536 ** 65.6 ** NORTH RIVER ** 46 47.4 ** ** ** ** ** ** ** ** ** ** ** ** **	*					•	•	k dk⊹ n		* *
# OKANOGAN METHOW RIVER * 120 0.9 * 19 * 0 * 93050 * 606654 * 24.88 * THISP * * 46 21.7 * H * 290.0 * 93050 * 246556 * 24.8 * THISP * * 46 21.7 * H * 290.0 * 36823 * 246536 * 55.6 * H * 1330 * 41412.3 * 260.0 * 36823 * 246536 * 55.6 * H * 1330 * 1412.3 * H * 90.0 * 36823 * 246536 * 54.8 * H * 12000 * 30000 * 64.8 * H * 12000 * 12000 * 30000 * 64.8 * H * 12000 * 12000 * 12000 * 64.8 * H * 12000 *					r e		0	* * 0	507	* *
* TWISP * TABLE * TOUGHOUN * TOUG			RIVE	20 05		ě	93050	0685	4.83	•
# TMISP) 	* *		*	1027	2		6 0 0		* *
* OKANOGAN METHOW RIVER * 120 6.7 * 18 * 0 * M8823 * R46536 * 65.6 * * * * * * * * * * * * * * * * * * *					# # I	* 0.00%	C		617	* *
* * * * * * * * * * * * * * * * * * *			RIVE	120 6	200	G G	M 40 00 00 00 00 00 00 00 00 00 00 00 00	10 10	5.60	48.
* ADRTH RIVER * * 46 47 4 1		K #x		١.	n e u	e o o		3		
A NORTH KANET NORTH R. A 1200 A 1200 C & 1401 C & 645.				44	* 1		•	***		
4 0000 4 0000 4 0000 4 1000 00 1 1 1000 00 1 1 1000 00 1 1 1000 00		PACTFIC	œ	123 55			12000	k -12	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 •
	* S DFC I		•	247	1100,0*	# 6004	12000		; * *	k

which is spinoring a significant to the second of the sec

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,55

FR 1 ACTV CODE STA	******	Σ.	T T T T T T T T T T T T T T T T T T T	* * * * * * * * * * * * * * * * * * *	# CAN AT A B B B B B B B B B B B B B B B B B	## F # # # # # # # # # # # # # # # # # # #	#EXID1 ENROSANUL. (#100 ENERGY # (MEX) # (1000 # (MEX) # (800) # (800) # (800) # (800) # (800) # (800) # (800) # (800) # (800)	S S S S	THE TO CONDOINCE TO SECURE THE TO CONDOINCE
	A TACATA A A A A A A A A A A A A A A A A	**************************************	* * * * * * * * * * * * * * * * * * *	**************************************	# # # # # # # # # # # # # # # # # # #	在	* * * * * * * * * * * * * * * * * * *	**************************************	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EATING COORD STATE OF	* BOUNDARY DAM * PEND GREILLE * CITY OF SEATTLE	PEND OREILLE	* * * * * * * * * * * * * * * * * * *	T C C C C C C C C C C C C C C C C C C C	W & VI	655000 190000 845000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4030.1 9.7884	****
WAGNPSOUST WAGOOTS	BOX CANYON DA PEND DREILLE PEND DREILLE	O PUD NO 1	48 46°7 ** 117 24°51 ** 24900 **	TO 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	0000	00 00 00 00 00 00 00 00 00 00 00 00 00	1440.9 36. 24	
WAJNPSO348 WAGGO10	* CALISPELL * PEND DREILLE * PEND DREILLE	NORTH FORK CA.	48 14°4 # 117 21°6 # 57	HR 000	**************************************	8 9 8 9 8 9	000 000 000 000 000 000 000	00	
MANNESONAS MADOONI P DFC I	* MILL POND DAM * PEND DREILLE * PEND OREILLE P	SULLIVAN CR #	117 108 11 12 12 12 12 12 12 12 12 12 12 12 12		n → d n → d n → n o n c o n x + x + x	111000		(U	
WA6NPS3209	* SULLIVAN CREEK * PEND OREILLE	SULLIVAN CR *	46 50 8 # 117 17 82 # #	TOU UN WHOO WANTER		18 18 000 000	000000000000000000000000000000000000000		
EALNPGOUSS EACONST	* ALDER * PIERCE * TACOMA DEPT OF	NISGUALLY R * * PUB UTIL * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A D D D D D D D D D D D D D D D D D D D	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8 8 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	M W CO	1144 67.100	
WASNPPO729 WAUO737 WAU	BALO ROCK PIERCE	A A A A A A A A A A A A A A A A A A A	46 46.7 **	** * * *	00 0 00 0 00 0 00 0 00 0 00 0 00 0 00	11 146 00 00 00	C + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	0.00 0.00 0.00 0.00 0.00 0.00	
EAUNPONSEN EAUNNISH R	* WAUNDSPEACH A CARBON NO 2 * WAUD253 * PIEFCE CARBON	CARBON RIVERS	47 0°7 * * 122 0°6 * * 76 * *	T T T T T T T T T T T T T T T T T T T			100000000000000000000000000000000000000	2945.0 28.63.	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,55

ACTV DEP * PRIMARY CO. "NAME OF STREAM ACTV DEP * CODE CODE * FILE * STATUS * STATUS *	A A A A A A A A A A A A A A A A A A A		* * CE * * * CE * * * CE * * CE * * CE * * CE	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * *	**************************************	85 85 85 85 85 85 85 85 85 85 85 85 85 8		3 3 S
**************************************	**************************************	# * * * * * * * * * * * * * * * * * * *	**************************************	**************************************	# # # # # # # # # # # # # # # # # # #	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	化催化 化水水 医乳状性 化电子 化二甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲
EASING SECTION	# # # # # # # # # # # # # # # # # # #	CARBON RIVER	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	T T S S S S S S S S S S S S S S S S S S	U U U U U U U U U U U U U U U U U U U	257 257 257 257 257 257 257	4 * * * *	3037.4	
MAUNPOOUS A	EAST FORK RAINIER EN PIERCE	ERR HHTE RIVER	47 0° W ** 121 W1° 7 **	T H * * * * *	# # # # # 000 m Ni m Ni	1166 1166 1166 1166 1166 1166 1166 116	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	© FR ● CP FN = CP (ST) CP	
WAANPSH216	EATONVILLE PIERCE	LITTLE MASHEL	### ### ##############################	I & I & I & I & I & I & I & I & I & I &	M * * * *		6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3.96 60 6 3.28 8.38	
WASNPOOSS2	TECHOLIA PHRECE TRECE	GREENWATER RH	* 47	T I I I I I I I I I I I I I I I I I I I	* * * * * * O O O O O O O O O O O O O O	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		1466.2 64.138	
MAHNPOOUTO	* ELECTRON RES * PIERCE PUYALLUP * PUGET SOUND PWR AND LT	PUVALLUP R	* # # # # # # # # # # # # # # # # # # #	TO OD 944	10.04.10.00		172300 * 0 * 172300 *	CO	
EATNPSOUGE EAUOR90 ORC D	* * * * * * * * * * * * * * * * * * *	CARBON RHVER	* * * * * * W UN ON	T M M M M M M M M M M M M M M M M M M M	N 20 00 00 00 00 00 00 00 00 00 00 00 00	117729	# # # # 10 00 00 10 00 10 00 00 10 00 10 00 00 10 00 10 00 00 10 0	90,783	
EAENPOULLY EAOUODD	* HOND ST. RES/MG * PIERCE * CITY OF TACOMA	RES/MCMILLAN RES * GREEN RIVER D*	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	01 01 00 05 00 05 00 00 05 00	****	000	35. 737853	
WASNPSONSO WALCROSS	* HUCKLEBERRY * PIERCE	WHITE BIVER	* 47 W 22 * 121 W 42 W	* * *	* * * ;	# # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * 90 T 80 T	80 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,55 PAGE 301 OF TABLE 1

A CORDORA A A A A A A A A A A A A A A A A A A	**************************************		* * * * *	****	****	****	****	****	***
* F 00 * 60 C C C C C C C C C C C C C C C C C C	# # # # # # # # # # # # # # # # # # #	517 514 514 518 518	44 44 44 610 610	3175.4	60 60 60 80 80 80 80	4590°5 11° 38	7783 46.443 11	25 CF	200 200 200 200 200 200 200 200 200 200
*****	4 000000000000000000000000000000000000	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	044	* * * * * * * * * * * * * * * * * * *		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	167 S 60 0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		20 00 00 00 00 00 00 00 00 00 00 00 00 0
* * * * * * * * * * * * * * * * * * *	K K K K K K K K K K K K K K K K K K K	57.57 7.8.7.87 7.8.7.8	23174 23174	139941	11647	C M M 9 8 8 0 M M	M W S S S S S S S S S S S S S S S S S S	M W 44 W 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1727 1727
* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	****	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * O O O O O O O O O O O O O O O	* * * * *	**** OOO 0 0 M 0 N M	****	# # # # # # # # # # # # # # # # # # #
*a = -	**************************************	T 100°27	T # # # # # # # # # # # # # # # # # # #	T T T T T T T T T T T T T T T T T T T	T # # # # # # # # # # # # # # # # # # #	1881.	# # # # #	# # # # #	# # # #
# # # # # # # # # # # # # # # # # # #			2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44 47 20 34 44 12 12 12 12 12 14 14 14 14 14 14 14 14 14 14 14 14 14	46 44 44 44 44 44 44 44 44 44 44 44 44 4	# # # # # # # # # # # # # # # # # # #
* E	A TODOLA TANAMANA TAN	GREEN SEA	CARBON RIVER	MOWICH RIVER	PUALLUP R	NISGUALLY RIV	PUVALLUP R	ELBE NISGUALLY R	NISGUALLY RIV
A WALKANA KANA KANA KANA KANA KANA KANA KAN	**************************************	TOPIC CREEK	MILE 9.2 Pierce	MOWICH NO 1	MONTON NO 18	NIGOUALLY	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PARK JUNCTION PIERCE	* TAUNDONG & PARK JUNCTION R * TAUCRUS & PIERCE * SAUCRUS & PIERCE
KEEAO Keeaoo Keeaoo Keeaoo	SAKERKEREEREEREEREEREEREEREEREEREEREEREERE	A MAGNIPODOBGG A MANUAL	* WAGNPONG46 * * WAGNPONG46 * * * WAUOUNG * * * * * * * * * * * * * * * * * * *	A WAUNPOOUGH A A MAUNPOOUGH A A WAUNDUGH A A A A A A A A A A A A A A A A A A A	A MINNOOUGO WIGO A A MACODATO A A EACODATO A A A COMPAN A A A COMPAN A A A COMPAN A A COMPAN A A COMPAN A COMPA	* WA4NPGOMSG * WA4NPGOMSG * WAUO2037 * * 9 ICT D *	# WA7NPGOUST # WATCH # WALCOUTT # WALCOUTT # # # # # # # # # # # # # # # # # #	A EAUNDOUNDER A A CO CONTR A A CO CONTR A A A CO CONTR A A A CO CONTRA A A A CO CONTRA A A A CO CONTRA A A CO CONTRA A A CO CONTRA A A A CO	A TANCOUNT

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.55 PAGE 302 OF TABLE 1

* * * * * * * * * * * * * * * * * * *	ASARAGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG	**************************************	**************************************	**************************************	A K K K K K K K K K K K K K K K K K K K	######################################	*F0	***
0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************	* (N.W.C) *	* (0.50)	* * 1		CHEN	(エヌエ)の)	(SEQUENCE R
# EAUNDONGERG	* PIERCE NISQUALLY	171 58.0	60	+	27.56	* 122447 *	M697 9	据像影像电影像影像影像影像影像影像影像影像影像影像影像影像影像影像影像影像影像影
2		# # n	4 4 4 4	4 4	27563	122447 *		**
* WAENPOSITO	AVE RES/MCMILLAN R	13	* *	**	0		M 50	. * *
* S *ACORUI	cō ¯	* 100 104 1	*0.0*	162 *	00	* *	737870	· · · · · · · · · · · · · · · · · · ·
k 4x	* *	# #	* *	* *		* *		* 1
A KAUNDONNO A	* OBJORN OFFRENCE STREET STREE	123 21.6 *	* *	* * 0	0 #	4 0 4 4 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2049.2	
* 6 DFC I	•		-105.54	740.047		43616	0 0 0	K de
			K # K		- - -	K #		* *
* MAUNTONG 4	* TR NIGOUALLY * PIERCE * PIERCE	46 50,	* * T	# 0 0 0 0	α	* 10 0000	4355.7	: # ·
* 9 ICT D		292	-1445.8*	74.0	10000	k # 24 20 20 20 20 20 20 20 20 20 20 20 20 20	60100	* *
. *		* *	* *	* *		* 1		
A CHUNDONINA A	A SECOND AND A SECOND S	Œ	x.	* 0°02		0	971.81	
A STOCKE		_	18 *163.2*	55.0° 4 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	9601	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	106.74	* *
* *	**	* *	* *	* *	- •	* 1		***
A KAUNDONNOW A	* SINCH TORK WANTED & SINCH TO SINCE A SINCH TO	0	# (#	# 0°0%	0		1201.1	
* O DEC D *	* 7.103.50 ST. 22.01.10 &	# 50 4 151 4 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4.40		10725	œ.	* 1
* *	* *	* 1	+ 1) ·		
WAJNESO369		10.	æ #	3. 0.	70000	322200 *	4298.7	* *
T DEC E	A TIERCH GOUND DES ANITE ELVERAN A POUGST GOUND DES AND I'M	4 400 4	# 0.00 M	# 00084	4 0000	* 4 0 0 0 0 0 0 0	0	
* 1		* 1	*	*		1 # P		
MAHNPOORTI	ENTRALIA	N.	1	* 0°0%	0006	78052 *	Ó	* *
* MACKOLI *	* PIERCE NISBUALLY R * CENTRALIA CITY OF	ณ ง⊲	OP *2376.7*	* C . 30 CV	0006	78052 *	0	* *
* *	* *	* .•	* 1	* 1		*		
EAUNDSOUGH	BAKER DAM	IN.	0 H	276.0 *	64000	381200 *	c	* *
* S DFC I *	A PUBET SND POWER + LIGHT *	297	*2674.6*	* 0 * 652	4000	361200 *	0	* *
****	****************	· · · · · · · · · · · · · · · · · · ·	*******	现在在我们的现在分词的现在分词的现在分词的	不是我我也有我也是我的人	经市场股份股份股份股份	**********	· · · · · · · · · · · · · · · · · · ·

DATE 14 FEB 81 NATIONAL HYORDELECTRIC POWER STUDY TIME 22.29.55 PAGE 303 OF TABLE 1

### ### ##############################	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		E 4	T OR AREA	AVE. D.	# # # # # # # # # # # # # # # # # # #	TOT. CAP.	# INT # INT	ENCENCY COURS	*INC.*ENERGY*ENERGY COGH* ERC NONECONDHIES * FRO COMPOSITES * FRO COMPOSIT
## ## ## ## ## ## ## ## ## ## ## ## ##	. #			(E E C)	(CFS)	35			(HRE/9)	* (SEPTENCE SANK) * * (SEPTENCE SANK) *
# WASNPSONSO # CASCADE RIVER* 121, 18, 22 # 186, 9 # 416,00 # WASNPSONSO # CASCADE RIVER* 121, 18, 2 # 110,00 #	k k * *	KENNESERERKE AG CROOK DAX	* * *	48 37 .1 *	***	e V V		* * * * * * * * * * * * * * * * * * * *	***************************************	化热电热电热电热电热电热电热电热电热电热电热电热电热电热电热电热电热电热电热电
MASNPSOSSO & CASCADE RIVER* 121 180 6 # 18 66 0 # 160	-	INE STAR CEMEN		22	#184	•	5200	2120		
MANNSONGO X CASCADE RIVERX 121 100 6 X 1 100 0 X 100 0			* *		*	* *		* *	• •	* *
######################################	* *	SCADE	2 × ×	31.9	T H	* * 0°0	0 0 0 0 0 0	* *	11.00 to 11.	* *
MAANDSOESSO & CASCADE=SKAGIT	*		*	777	-867		82093	* 32202		
######################################	* *		* *		* *	* *			* *	* *
######################################	* *	SCADE - SKAGIT		ω υ	* *	130.0	0 4 0 8 0 8	18467	4663.1	* 1
######################################	t #,	-		<u> </u>	#1036.7		98055	WOLOLOW *	3 P. D. W.	* *
HARNPSSESS & SKAGIT CRALT WAUDISS & SKAGIT CRALT WAUDISS & SKAGIT CREEK WAUDISS & SKAGIT CASCADE RIVER WATS & WATS OF WATS	* *		* 1	* *	* 1	* *		* *	* *	* 1
MAUO188 * SKAGIT SKAGIT R * 121 19.8 * 187 0 * 187 0 * 180 0 * 187 0 * 180 0 * 187 0 * 180 0 * 187 0 * 180 0 * 187 0 *	#	Œ		8 37.7	T.	170.0 *	0	: # :	7948.0	
MASNDSO376 # COPPER CREEK WASNDSO376 # COPPER CREEK WASNDSO376 # SKAGIT R # 121 222 # HC # 136.0 # WAUND189 # SKAGIT R # 121 46.2 # H WASNDSO397 # FRAILEY MTN (DEER CR) WAUND210 # SKAGIT R # 121 15.0 # WAUND210 # SKAGIT R # 121 15.9 # H WALUC20 # SKAGIT R # 121 13.0 # WALUC20 # SKAGIT R # 121 13.0 # WALUC20 # SKAGIT R # 121 13.0 # WALUC20 # SKAGIT R # 121 13.7 # H WALUC20 # SKAGIT CASCADE RIVER# 121 13.7 # H WALUC20 # SKAGIT CASCADE RIVER# 121 13.7 # H WALUC20 # SKAGIT CASCADE RIVER# 121 13.7 # H WALUC20 # SKAGIT CASCADE RIVER# 121 13.7 # H WALUC20 # SKAGIT CASCADE RIVER# 121 13.7 # H WALUC20 # SKAGIT CASCADE RIVER# 121 13.5 # H WALUC20 # SKAGIT CASCADE RIVER# 121 13.5 # H WALUC20 # SKAGIT CASCADE RIVER# 121 13.5 # H WALUC20 # SKAGIT CASCADE RIVER# 121 13.5 # H WALUC20 # SKAGIT CASCADE RIVER# 121 13.5 # H WALUC20 # SKAGIT CASCADE RIVER# 121 13.5 # H WALUC20 # SKAGIT CASCADE RIVER# 121 13.5 # H WALUC20 # SKAGIT CASCADE RIVER# 121 13.5 # H WALUC20 # SKAGIT CASCADE RIVER# 121 13.5 # H WALUC20 # SKAGIT CASCADE RIVER# 121 13.5 # H WALUC20 # W WALUC20 # W WALUC20 # H WALUC20 # W W WALUC20 # W WALUC20 # W W WALUC20 # W W WALUC20 # W W W WALUC20 # W W W W W W W W W W W W W	* *	AGIT		24.0	F 7 7 8 7 7		103697	T T T T T T T T T T T T T T T T T T T	17.848	* 1
#45NP90376 # COPPER CREEK #40 M526 # # # # # # # # # # # # # # # # # # #	-			;		8				
MAUDISO S SKARIT SKAGIT R # 121 222 7 # SP # 161 0 P 1	* *		* •	30 M	* *	138.0	C	* *	9620.9	* *
MAANPS2629 * DALLES **********************************	*			~	(*	107678	462507	* 20.801	. *
######################################	Δ.		* 1	* 9921	4445		107678	46230	* -	* 1
######################################	*		* *		* *					K #
######################################	*	11.63		3,10		-	0 1	* 1	9722.7	*
#ASNPSO397 # FRATLEY MTN (DEER CR) # 446 21.1 # X	* *	- T 5 V		2737	5342.2		0 4 4 5 6 7 7 8	**************************************		* *
##SNPSO397 # FRAILEY MTN (DEER CR)			. *	*			•	*	: *	**
#AUO210 * 9KAGIT DEEG CR * 101 57 9 4 10	* *	Z	* *		* *	141.0 *	C	* *	***************************************	* 1
# DFC 11 # # 517.90 # # 40.7.00 # # # 40.7.00 # # # # # # # # # # # # # # # # # #	*	2	DEER CR *	21.57.	63		44860	* 17018	* PP.671	. *
A ALNDSOLUCAL A HARD KINDY CASCADE RIVERS 120.00.00 A IS A MONOTO	*		*	AL .	*M19.55		44860	# 17018	ł	·
WA4NPSOUGHT HARD KINDY WA4UD2O7 & SKAGIT UASCADE RIVER 121 1307 # IS & O # SUBGRESS OF			* *	₹ •	€ €	权 依		E 40	包 包	# #
AAUO207 A SKAGIT CASCADIT MINTER INT. A STAGADIT WAS A STAGADIT A	*	NO KINDY	1	80		-	C	**	9494.1	· 150
を	包 包	± TeV	E 2 3 3 4 3 4	n ⊕ 	e Gr	6	A W	# 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	75°00' *	数 数
4 C C C C C C C C C C C C C C C C C C C			: 45 t	e da		•		*	· At	. *
	₹ 4		都 专	or V		d	c	*	44 A A A A A A A A A A A A A A A A A A	* 1
MANDONO & OKABIT TILIABOT OR A 101 AND A 100 A	£ \$7		æ	 	. * ØH	•	27829	# 109165	NO 471	× 4x
# 350 # \$1979 # 510 #	OFC 1 *		*	# ~!	#192 B#	956.0 *	27829	*		*

DATE 14 FEB 81 NATIONAL HYDRDELECTRIC POWER STUDY TIME 22.29.56 PAGE 304 OF TABLE 1

ACT ID NO CODE CODE CODE CODE CODE CODE CODE COD	TATE TATE TO THE TATE TATE TATE TATE TATE TATE TATE	07 09 09 19 EE A 3	العالما	2	*** CAC TO CT	HENTING HOUTO TO CAP CKEN CKEN CKEN CKEN CKEN CKEN		ANUL. COST ENERGY COST (1000 8) (8/MMH)	*EXIST. ENROS ANUL. COST *EST CONOCIONO TO C
in m	A LONER TAGER OKAGIT R SE SKART R SKAR			**************************************		151277 151277 151277	# # # # # # # # # # # # # # # # # # #	**************************************	我就我就我我就我就我就我就我就就就我就我就我就我就我就我就我就我就我就我就我
MATNEGOUTT MAUGIFFE 6 DFC I	LOWER SAUK SKARIT SKARIT	Ø A U K	48 25.0 121 33.6	## ###################################	VI 10 VI 44 VI VI 00 00 ********************************	126176	* * * * * * * * * * * * * * * * * * *	12969 24.913	***
MAGNESOM78 WALCOMOS	* LOWER SUIATTLE * SKAGIT	SUIATTER	48 15.0 121 15.8 256 1	T M T M T M T M T M T M T M T M T M T M	20°00 20°00 30°00 30°00 30°00	120718 120718	467510 **	7685.4 16.439	. * * * * .
WAANPOONTA WAUO178 S DRC E	MILE 32.2	OF NOOKOACK RA	121 33°C	T	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	49 49 18 19 19 19 19	######################################	3288. 104. 5	
MASNPSO298 WAUO187 WALO187 WAIO187 WAI	MILE 74.01	& ***	121 24.8 181 24.8	T + + + + + + + + + + + + + + + + + + +		4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9952,2 55, 17	
EAGINDSOUTH ENAUGITY E	WANI ICK OKABIT	A A NO DO NO STATE OF A STORY OF	40 38 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	W W W W	M W 07450	11000000000000000000000000000000000000	3536.3 29.86.3	
EA6NPPO750 * WAUO745 * WAU	ADAMO CREEK GKAMANIA	CIOPUS AIVER	121 W8.7		10 00 00 00 00 00 00 00 00 00 00 00 00 0	7 4 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	141716	7289.1 51.433	* * * * & 4
WATNPPOT30 * WAU0617 * OFC D *	BERRY CREEK Skamania	LITTLE WHITE **	45 46.9 x	T 1 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1110 1110 1110 1110 1110 1110 1110 111	000	41700 # # 41700 # # # # # # # # # # # # # # # # # #	6861.6 164.54	
EAGNPPOTUL * EAUCOLO * U DFC L *	A TAGNIPOTUL A BUBG MUUNTAIN B TAGUOSIU A GENANIA B TAGUOSIU A GENANIA	A A AGO T FURST ANA S AGO T FURST A	45 36.9 *	***	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	* * * * * * * * * * * * * * * * * * *	3904.1	. * * *

DATE 14 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,56

	PROJ PROJ PIMARY CO.	TANKS STANKS STA	LATITUDE *	ANTERNATION OF THE TANKERS OF THE TA	* "FE TA" * * "CO-0" XE"	######################################	"年本年本米本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	**************************************	TATABARARARARARARARARARARARARARARARARARA
A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		e a a a a a a a a a a a a a a a a a a a	ANRA (CD X . KD)	A (8. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	* (PT) *	-0+ CXX CXX CXX CXX CXX CXX CXX CXX CXX CX	4 CZEZ) 4 CZEZ) 4 CZEZ) 4 CZEZ)	(1000 B)	TOTA CATA TOTAL A CACA A MAN TOTA CATA CACA CACA CACA CACA CACA CACA
**************************************	TOURS AND TOURS AND TOURS AND TOURS AND TOURS AND TOURS AND TAIL AND THE TOURS AND THE	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	######################################	* * * * * * * * * * * * * * * * * * *	10000000000000000000000000000000000000	*************	# # # # # # # # # # # # # # # # # # #	在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在在
MAYNPOOTS EAUGES	TANCANCE GORGE STANKE GORGE	######################################	46 121 121 146 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # #0 #0 #0	0.00 mm m	O IN IN		4091.8	*****
ASSINPPO746	# # # # # # # # # # # # # # # # # # #	PANTHER CREEKS	45 45.9 45.1 121 50.0 4 4 5 30 4 4 5 30 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5	11 S 10 0 0 0 1	4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11700	51100 s	1707 a 2007 a 2004 a 2004 a	
A WANDOOWAY A WANDOOWAA WANDOOWAY A WANDOOWAA WANDOOWAY A WANDOOWA	OCCUPANTA OCCUPA	20 20 20 20 20 20 20 20 20 20 20 20 20 2	46 7 0.0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# * # # # # # # # # # # # # # # # # # #	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	C C C C C C C C C C C C C C C C C C C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1697 4	
MANNPOOTS4 ** SAUGEST ** S	OLEAREND ORE	CREEK MUDDY PIVER	126 8 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 H 00 4 00 0 00 0 00 0 00 0 00 0 00 0 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 M K C C C		88.00 60.00 60.00 80.00	****
A MAGNADO O O O O O O O O O O O O O O O O O O	OCCUPANTO CREEK	**ASHOUGAL RIVA*	25 25 25 25 25 25 25 25 25 25 25 25 25 2	2 H	80 00 00 00 00 00 00 00 00 00 00 00 00 0	34200 34200	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4400 4400 600 600	
A EAUNDHOTHUS A EAUNDENA E E EAUNDENA E E E E E E E E E E E E E E E E E E	OKALAN CREEK	EIND DICE	24 12 12 12 12 12 12 12 12 12 12 12 12 12	## # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	o e e e e e e e e e e e e e e e e e e e		12689	
A MASSAPPOTATE A MAUDOTOTATE A DIC I	MEADOWS LOWER SKAMANIA	POPOP CREEK LES	201 201 201 200 200 200 200 200 200 200	# # # # # # # # # # # # # # # # # # #	* * * * * O * O * O * D * M * M * *	0000	######################################	16.19. 16.19. 16.19.	***
# EA1NPD0448 # EA1NP0448 # # EA10708 # # EA10708 # # EA10708 # # EA10708 # E	MEADONG UPPER	# WATNPPOTAG & MEADOWS UPPER DROP # 46 2.9 # 46 2.9 # WATNPPOTAG & MEADOW CREEK # 121 55.0 # 55 DFC D # 121 55.0 # 12 55.0 # 1	* * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	000 # 000 #	# # # # # # # # # # # # # # # # # # #	44 ° 0 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	在

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22.29.56 PAGE 306 OF TABLE 1

STATE CODE	THE HE TO A DRIMARY CO. STARM OF STREAM ACTV OFF A CODE CODE A CODE A STREAM ACTURE A STREAM ACTURE A STREAM ACTURE A	*	A X X X X X X X X X X X X X X X X X X X	****	AVE. 5 * TEX. 0.10.8. AVE. 5 * TEX. 0.10.8. A (AT.) A (AC. F.1) A (AC. F.1) A (AC. F.1)	* * * * * * * * * * * * * * * * * * *	1411 1011 1011 1011 1011 1011 1011 1011	MINIO EN PERSONAL PROPERTY OF THE PERSONAL PRO	- o - o - o - o - o - o - o - o - o - o	A (SEGUENCE A A COMPOUNCE A A
MAN WAR	NAMES AND STANDARD AND STANDARD AND AND AND AND STANDARD	· 7	* * * * * * * * * * * * * * * * * * *	* I M * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	****	**************************************	**************************************	
MATNPPOTAT WAUDEAR	* PARADIOE FALLS * SKAMANIA	CLEARWATER CR	* 46 13.0 * 122 1.0 * 122 1.0	****	0 4 0 4 0 * * * * * *	4 4 W	17000	670000	3630.0 54.179	
WA6NPPO744 WAU0694	* DUARTZ CREEK * SKAMANIA *	EEEIG PI VER	46 10.0 121 52.0 124	I M	2. 2. 3. 5. 4. 4. 4. 4.	0.000 0.000 0.000 0.000	0 4 4 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 4 0 0 4 4 0	176690 # # 176690 # # # 176690 # # # 176690 # # # 176690 # # # # # # # # # # # # # # # # # # #	116 116 116 118 118	
WATNPPOTS1 WAUO777 S DFC D	OPPHARM OF A THE STATE OF A THE STAT	ARON HERON	* * * * * * * * * * * * * * * * * * *	*****	# # # # # 60 80 84 84 84 84 84 84 84 84 84 84 84 84 84	77 00000 1096	4. 4. 6. 60 0. 00	44 0000 0000 0000	26 200 200 200 200 200 200 200 200 200 2	
WA7NPPO738 WAU0545 S DFC D	A CHEATBOAT COMER	Amy and	46 11.0 121 48.0	* * * * *	4440.014	0.00 0.00 0.00 0.00 0.00 0.00	0 00 sin en	7 V 0000 000 000 000 000 000 000 000 000	4.0 4.0 6.0 6.00 6.00 6.00	
EAINPPOYSS WASSIA7	S OKITY DAY (STITY NO S S S OKANANIA LENING C POWER + LINGHA	FT NO 1) LEWIS RIVER	122 11.8 46 3.7 481	****	****	755000 755000 755000 755000 755000	R 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	49 49 49 49 49 49 49 49 49 49 49 49 49 4	00	
WATNPPOTES WAUOTIO	* TROUT CREEK SKARANIA * SKARANIA	WIND RIVER	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	* * * * *	****	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	76900	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	52.00 52.00 50.00 50.00 50.00	
WATNPPOTS2 WAUOT82 DRC DRC D	S I V V V V V V V V V V V V V V V V V V	LEWIS RIVER	120 120 120 120 120 120 120 120 120 120	****	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NW 4 NO 00 00 00 00 00 00 00 00 00 00 00	0 H M M M M M		સ ત ત ક ક ક હ હ	
WA4NPSO413 E WALORNO	WAANDSO413 & BECKLES WAUGESO & SNOHDMISH BECKLER RIVE S DRC D &	# # # # # # # # # # # # # # # # # # #	121 43 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	I H * * *	* * * * * * * * * * * * * * * * * * * *	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C 40 40 64 41 97 42 47 42	00 00 00 00 00 00 00 00 00 00 00 00 00	83466. 99.66.1	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,56

* ~	· · · · · · · · · · · · · · · · · · ·	*	LATITUDE *	***********	DAM IT A	* 4	· 电子子子子子子子子子子子子子子子子子子子子子子子子子子子子子子子	* *	2. 化苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基基基基基
01 0 0 0 0 0 0 0 0 0	* PREMARY CO	STREAM	* LONGITUDE *	TUS F. G	ANX OFFICE A	TOT. CAP.	*INC.ENERGY*		* *
SOLITIES OF A STATE OF	4 4 4 4 4 4	1	(E & GO)	(CFS)	(AC FT) *	: ::::::::::::::::::::::::::::::::::::	222	e I	4 T A T A T A T A T A T A T A T A T A T
* EAUNDOUGH *	A COUNTROL OF THE STATE OF THE	AMMERICAN STREET	# M M M M M M M M M M M M M M M M M M M	. 林林斯林林斯林林斯林 工			**************************************	**************************************	在
* 6 DFC I		:		*1164.4*	380°0 ×	66659	4 100000 A		
* *	* *	* *	* *	* *	* *		* *		* 1
* KASNPSONGO	* BUCK CREEK '1A	5	8 19.1		* 0*06			10.3	* **
T DEG 9:4	エの 一を コエロスカー 本	* X # # X # # X # # X # # # * * * * * *	121 17.0 *	18 **	* * O * O * * *	N N N N N N N N	* * * * * * * * * * * * * * * * * * *	er.	* *
* 1	# 1	*	# 1	*	*		*		
* WASNPSOUGS	* DOWNEY CREEK		90	I	20.05	0	0	540	* *
* WAU0197	TONDIONO *	SUIATTLE AIVE*	121 11.0 *	18 ***	* † O C	W6127	* 139913 *	25,305	* 1
.					b				* *
* LONCOUTAN *	* DOWNEY CREEK N	* 1	# 0 % 97	* *	* 0-06	c	* 1	a	* 1
* WAUDZOO	H	DOWNEY CR +	21 7	ø		51016	# 197574 *	•	K - 4K
* 6 OFC H	* 1	*	* 67	#306.7#	1115.0 *	-	* 197574 *	•	· *
* *	* *	* *		* *	*		* *		* 1
WADNPSOA20	E E	DAM	7 58.4		155.0 *	0		834, 1	
* P WACOCOS *	* GNOHOMISH CO P	PUD NO 11	161 41.0 *	18 ***	# # OOO # #	9076	* * * * * * * * * * * * * * * * * * *	19,291	* *
*		*	*	*	**		*		**
* SAUNDONO *	* GIDDINGS CREEK	* *	ر ا	r r	* *	c	* *	02.0	* 1
* WAU0301	* SNOHOMISH	NE SKYKOMISH .	2	9 73		54893	* 205242 *	N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* *
* 6 OFC E.	*		145 *	*1089.1*	* 0 * 0 KE	54893	* 2003242		*
- *-	r - #r	* *		* *	* *		E #E		* *
* DOMONOUNT *	* GRANITE FALLS	* ************************************	40 0°4 +	* •	* *	0 4 4 4	ċ	3311.3	*
* 2 DFC S	E54000000000000000000000000000000000000	***************************************	118	#1072°0#	237.0 *	37773	137016 *	9.0	
* 1	* 1	*	# 1	*	*		*		: *
* WAGNPSO398	* JORDAN		6	r #	120.0 *	0	* *	-	* *
* WAU0211	* SNDHONIGH	SF STILLAGUAM*	122 3,6 *	18	* 1	06415	113062 *	43.428	*
5		* *			•	215	* * * * * * * *		* *
* WATNPSO412	* LAKE DOROTHY	* *	* 6.35 74		* * 0.07	o	* *	90+	* 1
* WAU0229	* SNOHOWISH	EF MILLER RIVA	1 23	# ·	*	6302	# 000700 # 000700	45.265	
を	在各种的基础的 经存储 医多种	华州郑州李州水泽州北北州水水 河	* *	在安徽市场的农民的农民的农民的农民的农民的农民的农民的农民的农民的农民的农民的农民的农民的	* 0 * 0 0 0 0 1	***********	* O448**********************************	************	

DATE 14 FEB 81 NATIONAL MYDROELECTRIC PUWER STUDY TIME 22,29,56

10.023 SUNDOMISH NF SAUK RIVER 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	ID NO * PRIMARY CO. INAME ID NO * PRIMARY CO. INAME OF GIRE CODE *	Σ	*	**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************	ASSESSED AND ASSESSED
SUNDHMISH MAY CR 121 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TUS	4	+	(N M M M)	(CFS)	(AC FT) *		CHEEN	(HBE/9)	* (ORDURNOR NANK) . * (ORDURNOR NANK) . * (ORDURNOR NANK) . *
** LOWER SITE ** A 7 26.4 * A 7 26.4 * A 7 26.4 * A 7 26.7 * 31503 ************************************	•	t	k		*	K K	#	*****	**************************************	*
LOWER SITE SUNDHOMISH H.F. SNOGUALM* 121 44.2 * 15 SUNDHOMISH H.F. SNOGUALM* 122 24.2 * 15 SUNDHOMISH H.F. SNOGUALM* 123 44.2 * 15 SUNDHOMISH H.F. SNOGUALM* 124 46.2 * 15 SUNDHOMISH H.F. SNOGUALM* 124 46.3 * 15 SUNDHOMISH H.F. S	* 5 ORC I	ESTEDED &	* *	* 161 504 1	-26	2367	6657	* * MOMINO * *	<u>د</u>	**
CONTROLE BULTAN F. SNDDUALM 121 44 2 1	* *	* *	* 1	* 1	* 1			*		
** SUNHOWISH M*F. SHOGULALM* 151 41,2 * 153 * 2* 460.0 * 36180 * 367615 * * 15080 * 367615 * * 15080 * 367615 * * * 15080 * 367615 * * * 15080 * 36760 * 36760 * 367615 * * * 15080 * 36760 * 367615 * * * 15080 * * 15080 * 367615 * * * * 15080 * * 15080 * 367615 * * * * 15080 * 15080 * * 15080 * 1	-	LOWER		47 28.	r *	4.0.04	0	* * * •	23760	* *
SUCHOMEN WHITE CHUCK	0.50	TOUTONDE S	CONS	121 41	405	# O 078	86180	8761	61,300	
** LOWER WHITE CHUCK R* 121 17*5 * 15 * 15 * 20.0 * 47733 * 131297 * * 150.0 * 47733 * 131297 * 131297 * * 150.0 * 47733 * 131297 * * 150.0 * 47733 * 131297 * 131297 * * 150.0 * 47733 * 131297 * * 150.0 * 47733 * 131297 * * 150.0 * 47733 * 150.0 * 47733 * 150.0 * 47733 * 150.0 * 47733 * 150.0 * 47733 * 150.0 * 47733 * 150.0 * 47733 * 150.0 * 47733 * 150.0 * 47733 * 150.0 * 47733 * 150.0 * 47733 * 150.0	;	. 2	K #	3	U	* * 0 0 0	00166	0 / 0		* *
## SUCHON SHIP CHUCK Re 121 17.5 * 13 * 20.0 * 47733 * 141297 * 1810 * 1810 * 181297 * 1810 *	-	\$ 1 m	*	•	*	*		*		*
**************************************		SECTION SECTIONS	TTE CHUCK &	121 17	# # T	* *	0 2777	* 0 000.27	0.00 0.00 0.00 0.00 0.00	* *
## MINDLE SULTAN RIVER # 121 44,7 * 18 * * * * * * * * * * * * * * * * *	* P DFC I			S.	.378.	821.0	47733	# 181297 #		
## WINDLE SULTAN RIVER # 121 44.7 * 18 * 69.0 * 37635 * 136517 * 2 * 654.1 * 367.0 * 37635 * 136517 * 2 * 654.1 * 367.0 * 37635 * 136517 * 2 * 654.1 * 367.0 * 37635 * 136517 * 2 * 657.0 * 37635 * 136517 * 2 * 657.0 * 37635 * 136517 * 2 * 657.0 * 37635 * 136517 * 2 * 657.0 * 37635 * 136517 * 2 * 657.0 * 37635 * 136517 * 2 * 657.0 * 37635 * 136517 * 2 * 657.0 * 37635 * 136517 * 2 * 657.0 * 37635 * 136517 * 2 * 657.0 * 37635 * 136517 * 2 * 657.0 * 37635 * 136517 * 2 * 657.0 * 37635 * 3 * 657.0 * 37635 * 3 * 657.0 * 37635 * 3 * 657.0 * 37635 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 * 657.0 * 3 *	* 4	* *	* 1	# 1	* +	*		*		*
# SUCH TAN RIVER 121 44 7 1 1 1	A NASKPOOLOG	* MIDDLE SULTAN		100 MI	1	* * C * O * C	c	* 1	0 0 0	***
**************************************	# WAUGED	RNOHOMISH	SULTAN RIVER +	21 44	. # . #	20	~~	136517 *	14.50 10.00 10.00	* *
**************************************	* 2 DFC II		*	_	+654	387.0 *	- 20	* 136517 *	1 1 4 J	
**************************************	* 1		•	*	*	*		*		*
**************************************		NORTH FORK	* *	40	* *	* 0 0 0 2	•	* 1	4	* 1
# 150 # 76640 # 291364 # 150 # 76640 # 291364 # 150 # 76640 # 154376 # 449.17 # 150 # 76640 # 154376 # 449.17 # 150 # 150 # 154376 # 449.17 # 150 # 154376 # 144.17 # 150 # 154376 # 144.17 # 160 # 154376 # 144.17 # 150 # 154376 # 144.17 # 150 # 154376 # 144.17 # 150 # 154376 # 154477 # 154376 # 15437	* WAUDZO3	H SE	N.F. SAUK	21 20	9	*	76640	* 291364 *	. N	
# 48 13.5 # H	O F C			78 *	-590-1*	840°0 *	76640	* 291364 *	•	*
# SNUHOMISH NF STILLAGUAM* 122 5.9 * 15 # 150.0 # 40640 * 154376 * 444.17 * 150.0 # 40640 * 154376 * 444.17 * 150.0 # 40640 * 154376 * 444.17 * 160.0 # 160.0			* 1	* 1	* 1	* 1		* 1		4
* SNOHOMISH NF STILLAGUAN* 122 5.9 * 15 * 40640 * 154376 * 444.17 * PILCHUCK * 48 1.9 * H * 40640 * 154376 * 444.17 * PILCHUCK * 48 1.9 * H * 40640 * 154376 * 444.17 * PILCHUCK * 48 1.9 * H * 40640 * 1567 * 5601 * 157.7 * A 47 48.3 * H * 370.0 * 1067 * 5801 * 157.7 * A 47 48.3 * H * 370.0 * 1067 * 5801 * 157.7 * A 47 48.3 * H * 370.0 * 21032 * 62447 * 65.11 * * * * * * * * * * * * * * * * * *	* SAGNOSONOS *	080	r 4x	6	1	150.0	c	x +	* OC87	# 1
* PILCHUCK * 48 1.9 * T * 160.0 * 10640 * 154376 * * * * * * * * * * * * * * * * * * *	* MAUDZO9	TOTHOHONG 4	STILLAG	122 5	# SI	*	40640	* 154376 *	44.179	* *
** PILCHUCK ** 446 1.9 * I	D FC		*	40	2065	136.0 *	40640	* 154376 *		*
** PILCHUCK ** 46 1.9 * 1	* *		* 1	* 1	4 2 1	₩ 1		*:		*
* SNOHOMISH PILCHUCK RIVE* 121 51 1 1 3	* WAANPSO403 x	* PILCHUCK	* *	90	x *	160.0	c	* 1		# 1
** 34 * **90°1* 149°8 * 1067 * 5801 * * * * * * * * * * * * * * * * * * *	* WAU0217	TOINDHUNG	ax.	5	. e	*	1067	9		K 4
* RAPID RIVER * 47 48.3 * T * 370.0 * 0 * 0 * 4066. * SNOHOMISH RAPID RIVER * 121 16.6 * 15 * 0 * 21032 * 62447 * 65.11 * 42 * *294.9* 359.6 * 21032 * 62447 * 65.11 * * * * * * * * * * * * * * * * * * *	* S DRC I *			•	06*	149.8	1067	9	-	
** RAPID RIVER	*		*	*	*	*		•		: *
# 47 40.5 # 7 # 570.0 # 0 # 10.66 # 10. # 40.66 # 10. # 40.66 # 10. # 40.66 # 10. # 40.0 # 0 # 210.32 # 62447 # 65.11 # # 80.94 # 810.32 # 62447 # 65.11 # # 80.96 # 210.32 # 62447 # 65.11 # # 80.96 # 3300.26 # 28.83 # 770.62 # 270.62 # 270.63 # 2		:	*	•	*	* :	·	*		
# # # # # # # # # # # # # # # # # # #	A MARKY GOLD A	4.0	2	46.	* *	370°0 *	0 6	•	990	*
* * * * * * * * * * * * * * * * * * *	080		• •	7 1	294	3.0	5 10 10 10 10 10 10 10 10 10 10 10 10 10	uΛ	7,17	* 1
* ROBE * 46 5.6 * 1 * 350.0 * 0 * 0 * 9517. * SNOHOMISH SF STILLAGUAM* 121 52.0 * 18 * 0 * 77062 * 330026 * 28.83	*		*			•	•	:		
# NUMBER OF STILLAGUAM* 121 52.0 # 10 # 77062 # 330026 # 28.83 # 0 # 77062 # 330026 # 28.83 # 77062 # 330026 # 28.83 #	* 1	10 10 10 10 10	*		*	* *		*		*
100000 # 000000 # 000000 # 000000 # 000000	T PACCE A	A TACHCACA	A LITTO	- 1	* +	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 C	* * * * * * * * * * * * * * * * * * * *	- 1	*
	A P DFC S A		9 (1 1 1 0	7	10 CO 1 1	514.0	77068	# 4 00000 # # 4 00000 # # 4	•	***

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,57 PAGE 310 OF TABLE 1

# UO & < K S S S S S S S S S	在		****		****			***	# 9"0667 # 0 # 106678 # 106688 # 4
**************************************	* * * * * * * * * * * * * * * * * * *	7309.1 38.639	11749	311.37	36725 16.621	4 0 80 4 0 9 0 9 0 9 0 9 0	60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	46. 72 46. 72	4890.6 113.75
		ř.M		3 m	M =	* ñ	m si	# # # # # # # # # # # # # # # # # # #	3
E CONTRACTOR CONTRACTO			-0-0 -0-0 -0-0 -0-0 -0-0 -0-0 -0-0 -0-	WW 000 644 044	OM PA P		807-017		
EMMH EMXCO E C C XX E XX E	2	0 9 9 6 9 6 9 6 9 6 9 7	10.11	C 0 0 0 4 4 mm	N N N	4 4 6 4 6 4 6 4 6 4 7 4 7 4	M M 000 000 000	000	10 10 10 10 10 10 10 10 10 10 10 10 10 1
A A A A A A A A A A A A A A A A A A A		000 000 000 000 000 000		0 0 0 11 0 0 0 0 11 0 0 0 0 11	0 0 0	000000000000000000000000000000000000000	13 58 44 0 0 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	***
* * * * * * * *	***	****	安安安安长	****		****	* * * * *	* * * * *	* * * * *
		# 1 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13°C 13°C 13°C 13°C 13°C	E S	T H 80 10 80 80 80 41	E 10 00 00 00 00 00 00 00 00 00 00 00 00	50 H	T E E E E E E E E E E E E E E E E E E E	10 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
		1800	8,008	#306.8	80 80 8	8 *224	80 8 8	8 8 8 7 9 8	101 1 4 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1
A T LONG T	# 100 100 100 100 100 100 100 100 100 10	CO 6 1 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* + 101 100 4 + 100 100 4 + 100 100 100 100 100 100 100 100 100 1	# MO	# 40 12.6 # I # 00 14 # I # 40 12.6 # I # 40 12.6 # I # 10 # # I # 40 # # I # I # 10 # # # # I # I # I # I # I # I # I # I	ITE CHUCK * 12, 12, 2 * 18	1908 X 4 1000 WM 5 1	100 co	A CALER AIVER AIVER A 100 1 T
A A A A A A A A A A A A A A A A A A A	# # # # # # # # # # # # # # # # # # #	1	10000000000000000000000000000000000000	CONTRACT NOT A WOULD THE WOOD STAND	# 40 110 6 # I	CHUCK * 123 120 2 4 1226	200	# # # # # # # # # # # # # # # # # # #	T 4 0 00 4 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4

DATE 14 PES 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,57 PAGE 311 OF TABLE 1

ACTION TO SELECT THE STREET ST	4	स्था स्थाप्त है. 	ि ह त त है	र रहा है हैं। संस्कृत	o e e e e e e e e e e e e e e e e e e e	***	B	新香香香·	
NET COS	**************************************	00	00	20.287	880 . WG	N . N . A . A .	4366.8 98.101	される。なる	60 60 60 60 60 60 60 60 60 60 60 60 60 6
#### ### #	**************************************		20 00 00 00 00 00 00 00 00 00 00 00 00 0	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M 4 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		44 24 24 24 24 24 24 34 34 34 34 34 34 34 34 34 34 34 34 34	0000 176 186 186 186 186 186 186 186 186 186 18	· · · · · · · · · · · · · · · · · · ·
440	**************************************	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11 12 000 SE 1	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000	MYW MYW MYW MYW MYW MYW MYW MYW MYW MYW	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 # # # # P P P P P P P P P P P P P P P
*****			****	* * * * * O O O NE 49 40 NI 49	000 000 5-Ne	00° 00° 00° 00°	M N N	M M M M M M M M M M M M M M M M M M M	COO
244 244 20 20 20 20 20 20 20 20 20 20 20 20 20		OP 094	TT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TO 1	T 0P	E C C C C C C C C C C C C C C C C C C C	* * * * *	* * * * * * * * * * * * * * * * * * *	0. 0.
CO SECTION OF THE CO	47 41 60 117 729 60 4970	7 8 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	47 46° 51 117 48° 55 500° 50	47 39.7 117 24.8 6380	47 41.17 19.6	48 7.3 118 9.4 281	11 4 48 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	48 35.7 # 118 3.4 # 1000	46 47 1 **
PROCHO INAKE DRUMARY CO. INAKE DRUMARY CO. INAKE DRUMARY CO.	(6 0	* TONDOR OFFICE OAM * TONDOR OFFICE OFFICE AND TONGES * * * * * * * * * * * * * * * * * * *	* NING ALLE AESCRACHA * NING ALLE AESCRACE APOXANE AFTER POXER * * MAGHINGTON WATER POXER * *	* UPPER FALLS RESERVOIR * COUCKANE SPOKANE SPOKANE RIVERS * MASHINGTON KATER POWER CO. * *	* UPRIVER DAM REGERVOIR * * SPOKANE SPOKANE RIVER* * CITY OF SPOKANE *	* HUNTER RESERVOIR * STEVENS * STEVENS * HUNTER LAND CO	A A STANCY OFFER BIG OFFER CORP. A STANCY OFFER BIG OFFER A A A A A A A A A A A A A A A A A A A	* MEVERS FALLS RESERVOIR * * * STEVENS COLVILLE R * * MASHINGTON MATER POWER CO. * * * *	* SKOOKUMCHUCK RESERVOIR * THURSTON SKOOKUMCHUCK * * THURSTON SKOOKUMCHUCK * * PACIFIC POWER + LIGHT CO *
A C T D NO	WAANPOOARN WALLOSING	ANNUANCOCAL EN TANACACACACACACACACACACACACACACACACACACA	MAGNPSO427	MAHNDOOGES MANDO	E EAINDOOGE E E E E E E E E E E E E E E E E E E	WADNPS3101 WAOOO48	WASNPSO429 WAU0157	WAUNPSO430 WAOOOSO	* WACNPSOASA * WACOLSS

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,57 PABLE 1

# ZOZEC	***************************************	****					****	****	在
NET A PARTY COST (COOD S) (COOD S) (COOT S)	* M 4 M 4 M 4 M 4 M 4 M 4 M 4 M 4 M 4 M	5214 51034 510351	40 00 00 00 00 00 00 00 00 00 00 00 00 0	66	2.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6	10 12 10 10 10 10 10 10 10 10 10 10 10 10 10	73 66.33 6.32 1.32	60	0.00 to 0.00 t
# Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	* * * U 3	N C		'.	↔ (l)	gn →	~ •		40 dt #
***** ***** ***** ***** **** **** ****			2574 26000 26000 26000 26000		000	0.00 0.00 0.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	を の の の の の の の の の の の の の
# 0 0 3 3 3 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6	17000 1	20 ED ED	* * * * * * OOOO MM O MM O MM O MM O MM	9 3 000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	18727	246 246 246 246 246 246 246 246 246 246	000	2 C C C C C C C C C C C C C C C C C C C
*****	* * * * *	000	000	****	080	4 * * * *	001	****	****
**************************************	K K K K K K K K K K K K K K K K K K K	192°0 36000 173°8	110.0 376000 79.9	110.0 376000 100.0	2 2 1 1 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3	260.0 107000 246.7	275.0		10000 10000
# # # # # # # # # # # # # # # # # # #	* * * O * O * O * O * O * O * O * O * O	10 00 10 000	# # # 0000 M	4 # # # # # # # # # # # # # # # # # # #	***** 00 40 40	18 18 850 850 850	エ	* * * * *	
****	* * * * * *	*****	0.00	****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	9 0 0 7 7 2 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# * * * *	****	*
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	* 4 4 4 * 60 * 60 * 60 * 60 * 60 * 60 * 60 * 60	118 5	46 15.0 118 52.7 109000	46 33.9 118 32.2 108500	117 37	118 37	48 54°2 121 50°7 105		48 100 100 100 100 100 100 100 100 100 10
****	* * * * * * *	****	****	****	****	****	* * * * *	****	**************************************
* <	* 02	00 00 00 00 00 00 00 00 00 00 00 00 00	DAM e river	요 > I 8	0 8 8 8 8 8	. ¥.	NOOKSA		7 + 7 + 0 + 1 +
# LO 1 CO 4 K LO 1	K	MILL	- Li	MAC DAM ONAKE	DAM JALL C	TOUCHET	b. Z	о В В Ж	NOOK GACK
*	**************************************	BLUE CREEK Walla Walla	ICE HARBOR LOCK AND Walla Walla SNAKI Daen NPW	LOWER MONUMENTAL DAM Walla Walla Snake Daen NPW	MILL CREEK WALLA WALL DAEN NOW	TOUCHET WALLA WALLA	BRIDGE CAMP WHATCOM	CLEARWATER OF WHATCOM	を MAUNDSCAMU & DEMING A MODK@AGK WARRAWARRAWARRAWARRAWARRAWARRAWARRAWAR
######################################	A WANNESPANSANA A WANNESPANA A	WASNPWOODSS WASNPWOODSS WASNOODS WASNOODS WASNOODS WASNOODS WASNA WANA WA	EAGNPEO488 # EAOOU47 # EAO	TAGNPWO4894 X XAOOR40 U X E OFC U X X X	EADONDER E E E E E E E E E E E E E E E E E E	TAGNIPHOCAGNIA WALDONAL A UNC H A	MAANPSOAWS # EAUO170 # # DRC M # # BA	WAANDOWALT WAA	A WINDCOUNTANT A WINDCOUNTANT A WALCOUNTANT A CO TO TO A CO TO TO A CO TO

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,58 PAGE 313 OF TABLE 1

**************************************	· PROPERTY OF THE STATE OF THE	# :	*	各年有效化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化化	PARRESPER DAN IN R	***************************************	· 本年本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	4400	化多位性分类 化二甲基乙基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲
* ACTV DEP	MERKE BOOKERNAL KENERAL KANDON BOOKERNAL KENERAL KANDON BOOKERNAL KANDON BOOKERNA	E dile	DR.AREA +	FOR A CANAL CONTRACT OF A CANAL CONTRACT OF CANA	* * * * * * * * * * * * * * * * * * *	TOT CAP.	A I NOT BOND BOND BOND BOND BOND BOND BOND BOND	E 0	E NO
		4	* (IX CO)	~	(AC FT) #			2	* (OMBOUNNON RANK) * * (OMBOUNNON RANK) * * (OMBOUNNON RANK) *
		SKAGIT RIVER	48 42.8		# 0 99M	# # # # # # # # # # # # # # # # # # #	**************************************	**********	在我们的现在分词 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
* 5 OFC I	# CITY OF SEAT	ب ج ب	=	-4326.6#		280000	* 752000 *	- *	* *
* EAGNOONDAY *	* EDFRO	. * *	2.00 2.00 2.00 2.00 2.00 2.00 3.00 3.00	* * *	* * 0,014	c	* * 1		* *
* WAUO176	* EIATCOX	S.T. NOOKSACK	2	# # 135 W#	4 0 0 0 1	601100	193171 #	37.982	* * *
* *	* *	* *	* *	* *	* *	· •	* *	· • 1	
AANPOOA WAUO16	* GLACIER * WHATCOM	**** NOCK B*N	121 51,8 *	* * 	* 0.00%	60 40 60 60 60 60 60 60 60 60 60 60 60 60 60	* 0 77 744 *	6286.1	
THOUSE THE	* *	# #		*1439,9*	315.0 *	65836	267734 *		
* 1 CW 2 CW Q X 2 Y 3 Y 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		•		* *		k #s	* *	* *
WACOLOGO	* STATED	SKAGIT RIVER *	• 10	# #	4 000	175000	* 0000s16 *	* N. M. O. 1. J.	. # 1
* S DFC II.	* CITY OF SEATTL	is:	1160 *	*4461.0x	380.0 *	312700	* 915000 *	* *	* *
	: **	# *		* *	* *	· · · · ·	* *	≈ 8	* 1
* MANUALOUS *	* GREEN CREEK CHVERGION * EIAHCON	IVERBION *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# #	* + Oa Oa	0 0	* 1	# 7.85 S	
A DEC H	* 4	* * * * * * * * * * * * * * * * * * *	•	-214,14	766.0 *	24132	# 93117 #		* *
	; ; ;			* *	* *		* *	4 4	
A MAENTORION A RACOLODAN A	* TAKE CKEEK * XIATCOM	BAKER RIVER *	48 45.7 *	t e	# 0°027	0 100	* 4	15073	
* 55 ORC FE *	* -		* 04	#430°B#	399.6	20936	4 91716 #	***************************************	* *
	i i	* *		* *			* *	* *	· \$ · \$
MAUD167	A MARIE TALLO	N.F. NOOKSACK	122 4	* * OH	* * 00 00	O M	* * * * * * * * * * * * * * * * * * * *	4.010	
* 2 070 1 *	* *	* *	# # 5000	*1758,34	222°0 *	56513	229677	2	* 5
6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			. *	* *		* *	* *	
* EAOUOLO *	* NEWTALES CREEK * WIATCOM	NEWHALEN CR *	121 14.7 *	. a	* * 00 00 00 00 00 00 00 00 00 00 00 00 00	000	17520 #	264.73 m	
* 10 070 11 *	* SEATTLE CITY !	CITY LIGHT		*235 4#	511.0 *	4			
T T T T T T T T T T T T T T T T T T T	3. C. C. 2.			: 4 :	# ## (!	k	* *	* *
WAOIZZ	MHATCOM	NOOK BACK R	121 48.4 *		* *	0009	12000 #	651.24	* *
は P C L C L L L L L L L L L L L L L L L L	1	*	* 105 *	0°0'\	* 0.01	009/	* 00077		

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,58 PAGE 314 OF TABLE 1

# 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	据的对称电台 电电子 电电子 电电子 电电子 电电子 电电子 电电子 电电子 电电子 电	*****	****		****	***	****	****	# # # # # # # # # # # # # # # # # # #
######################################		7.00° 11.00° 11.00° 11.00°	60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4969 12. 360 12. 360	45 W	1.472.2 26.196	9892.6 61.144	7750°(
# # # # # # # # # # # # # # # # # # #		* * * * O O O O O O O O O O O O O O O O	# # 00 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	792000 403000 1198000 * * * *			161789 # 161789 # #		00000000000000000000000000000000000000
* * *		* * * * * C (1) (1) 50 (2) M M N (1)		# # # # # 00000 0000 0000 0000 0000 000	# # # # # 0 # # # # 	* * * * * C OOD# W W	* * * * * * * * * * * * * * * * * * *		0 M M O M O M O M O M O M O M O M O M O
# 4 x # 4 4 5 6 5		M W W O O	* * * * * * O O P O P O P O P O P O P O	140000 440000 440000 4440		W W W W W W W W W W W W W W W W W W W	M M M M M M M M M M M M M M M M M M M	4 4 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 0 0

# # # # # # # # # # # # # # # # # # #		E H E E E E E E E E E E E E E E E E E E	X * * * * *	TO T	**************************************	I 00 7 00 7 00 00 00 00 00 00 00 00 00 00	T T T T T T T T T T T T T T T T T T T	T W W M M M M M M M M M M M M M M M M M	1 4 4 0 0 0 4 4 4 0 0 0 0 4 4 4 0 0 0 0
# # # # # # # # # # # # # # # # # # #	40 00 00 00 00 00 00 00 00 00 00 00 00 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	200 100 100 100 100 100 100 100 100 100	0 e e e	න භ	19		46 40.1 # H 122 8.2 # IS 103 # -745.4	4
**************************************	1	14 4 4 10 00 00 00 00 00 00 00 00 00 00 00 00	TH THE TOTAL CO. O. O	SKAGIT RIVER & 121 Med & DB	24W 24W 20 00 20 00 21 H 20 11 20 11	73 24 75 75 75 75 75 75 75 75 75 75 75 75 75	# # # # # # # # # # # # # # # # # # #	1001 A T B B 1001 A T	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
A CRAMAN A MARKA A A A A A A A A A A A A A A A A A A	T A DO DO A TODO A A DO DO A A A A	A 40 U40 A X X X X X X X X X X X X X X X X X X	2	A C W C A A C C C C C C C C C C C C C C	T 4 9 97 4 4 40 97 4 4 40 98 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CT	# # # # # # # # # # # # # # # # # # #	A 48 40.1 A I E I E I E I E I E I E I E I E I E I	# # # # # # # # # # # # # # # # # # #

DATE 14 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,58

2	>- C C E E E E	Σ.	* LONGITUDE * CO * AND * (O * A) * (OO * A) * (OO * A)	\$2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A CPT	A C C C C C C C C C C C C C C C C C C C	* (9:000) * (13x) * (1	1000 WENT (# 1000)	THE CONCINCTORY TO THE CONCINCTO
A SAKKAKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKK	**************************************	24444444444000000000000000000000000000	4	* O H * * * * * * *	*	**************************************	* * * * * * * * * * * * * * * * * * *	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	MANAR RAMARAMAN TANARAMAN
MAINPOOLUM WACOLYW & W DRC H & *	* UPPER BAKER DAM * * *HATCOM * PUGET SND POWER	AN BAKER RIVER *	140 30 8	HAC 000	M N 00 00 00 00 00 00 00 00 00 00 00 00 0	44 44 00 44 00 00	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Ö G	
A AUNTOOCKWA A A K NOACOLAN A K NOACOL N	MARN MARN MARN MARN MARN MARN MARN MARN	* * * NOUNGACK * * * NOUNGACK * * * * * *	121 U4.1 198.6	**************************************	0 4 0 6 0 6		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M M M M M M M M M M M M M M M M M M M	
WA4NPS2624 * WAU0166 * CPC E *	WELCOME	NDOKOSACK RIVERS	48 49 6 122 9 6	本本のでは、	000	M W 7106	0 MM O MM O		
MAUNTSOAGG A A WAUO180 A A WAUO180 A A A WAUO180 A A A A A A A A A A A A A A A A A A A	HELLS CREEK WHATCOM	* * * * * * * * * * * * * * * * * * *	48 52.9 121 46.6	* * * * * * * * * * * * * * * * * * *		000 937 mm	000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
MALNTOOGEG WALOISE WALOISE WALOISE WALOISE WALOISE WALOISE WALOISE WALOISE WALONG WALO	WHATCOM CREEK WHATCOM	EHATCOM CR	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TH # # # # # # # # # # # # # # # # # # #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Omin		000 000 000 000 000 000	
WA4NPS2628 * WAU0183 * S	WHATCOM CREEK Whatcom	1 WHATCOM CR R	48 43 1 122 25.6 56 6	T + + + + + + + + + + + + + + + + + + +	M 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	W W W O O O O O O O O O O O O O O O O O	THE PROPERTY OF THE PROPERTY O	2000 2000 2000 2000 2000 2000 2000 200	
MAUOOSS * DRC I *	ELBERTON WHITMAN PRIVATE	PALCIUSE RIVER*	46 57.6 117 13.0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1010 1010 104 104 104 104 104 104 104 10		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
WA4NPSO470 # EAUOS48 # EAUOS48 # E	MAGNESOATO & AMERICAN RIVER WALOS48 & YAKIMA BUMPING RIV S DRC I &	# # # # # # # # # # # # # # # # # # #	4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TH 00 00 00 00 00 00 00 00 00 00 00 00 00	186.0 * 0 * 177.6 #	00 00 00	C M M M O G O G O G O G O G O G	183.9 180.00 180.00 180.00	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY 11ME 22,29,58 PAGE 316 OF TABLE 1

AEXIONIO GENERALIO CONTARENTALIO ELINCORIO ELINCORIO CONTARENTALIO ELINCORIO CONTORO C								****	在
P	e rue ru	0-	N G	no	no	2 F	C 60	. 0 @	in in
> 0E	# 10 ± 10 ± 10 ± 10 ± 10 ± 10 ± 10 ± 10	3076. 46.33	N •		N C N N N N	7697 105.2	75.05 75.05 75.05 75.05	* O * O * O * O * O * O * O * O * O * O	1335.
	~ ~	m 3	N N	- M	M O	F-37	W 1~	AL 40	***
* 4 W * * * * * * * * * * * * * * * * *	****	000	000	044	****	044	****		* * * *
	1932	6 kg 9	119000	10 th	4107	M W	67 67 88 88 88	20 20 20 40 20 40 21 21	2000 2000 2000 2000 2000 2000
XZO WHI-	****				* * * * * *	****			
8 . ZZZ 0 . ZZZ 0 . ZZZ 0 . ZZZ	3719	0 0 IN 0 0 IN 0 0 IN 0	1550 1550 1560	1000	73047	20163 20163	0 M M	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 M M M M M M M M M M M M M M M M M M M
*****			****		****	****	****	****	* * * *
+ E	001-	ა ა ა ი ი ი	900 3400 600 600	34700 37700 33.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M 4 M 4 O M	175.0 130000 159.8	230.0	10.01
EN FOF	E E	ने न	10		4				:
F 8 9 1	*177.8	**************************************	0000	R	100 100 100 100 100 100 100 100 100 100		**************************************	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #
10. C. C. C	II	x €	I #4	ü b		x #	I H	IÄ	IH S
	in an	0 0	0 M	0	9 6 4 8 6	F 69	*M	• M &0	N 0 4
* * * CO MONTON TO MONTON	101 101 101 100 100 100 100 100 100 100	0 0 0 0 4	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	52. 4.6.	ε. G. →	85.4	0 0 N N 0 N 60	N 20	71
* * * * * * * * * * * * * * * * * * *		9 M	3 M	3 m 4 * * * *	* * * * * * * * * * * * * * * * * * *	* * * * *	2 H	* * * * * * • • • • • • • • • • • • • •	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Σ <	r W r I	CK W		OC fut	5 5 5 7	6.57 8.73 8.73	ጽሙ ດ	m œ	
k bil i 0x k 1− i 60	N N	χ 1	TAT	G RIVI	F 00 Z W 05	M D:	- A	A SI	TAT
n p	LITLE	N A C.E.E.	KLICKITAT	ONE THE	FXE PROBLEM CONTRACT	ELEVATION Bumping	NACHES TILS	NACHES	KLICKITAT
- X X X X X X X X X X X X X X X X X X X		ευ A X	포	a e	S.C.A.	9 5	4 2 Z	Z	
2	K K K	176		A FI			RATTLESNAKE NACHE	RIVER	FORD
	k k * ~~	ELEV 1765	≯ qc	7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	LAKE	LAKE			E +
ID NO # PRIMARY CO. TNAME ID NO # PRIMARY CO. TNAME CODE # ILE # ATUS #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	SELON E Yakina	BIG MUDDY Yakima	BUMPING YAKIMA Doi Usbi	BUMPING Yaktma	BUMPING Yakima	BUMPING Yakima Yakima	SUMPING YAKTAA	CASTILE VAKIMA
*****	: : * * * * * 1	****	****	****	***	****	***	****	* * * *
A T T T T T T T T T T T T T T T T T T T	* * * * * * * * * * * * * * * * * * *	MAANPS2637 Mauosai S drc E	WASNPPO756 WAU0618 6 DFC E	WACNPSO478 WAOO263	MAGNEGOGTZ WAUOSISS	WATNIPSE658 WAUGS49	MAGNPOOGES EAUDISES	WASNPOO467 WAUO545	* MASNPOJEG & CAGTILE FORD * MAUOTAG & VAKIMA * NA DRC D & VAKIMA ** NA DRC D *

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,58

ACTV DEP CODE CODE FILE STATUS	***	Σ	te.i	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# (() # # (() 4) # # (() 4) # # (() 4) # # # (() 4) # # # # (() 4) # # # # # # # # # # # # # # # # #	A C C C C C C C C C C C C C C C C C C C	ALNO MURROLAMENTAL CORTA ALCONO MANAGEMENT A CORTA ALCONO MANAGEMENT A CANAGEMENT A	* CENT (E C C C C C C C C C C C C C C C C C C	
	# # # # # # # # # # # # # # # # # # #	**************************************	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	# C G G G	***************************************	**************************************	*
MANDSOLSO WALLONGT	* COMMICHING CANYON	NACHEGO SINCE	120 33° 9 # # 1000 # # # # # # # # # # # # # # #	******* ******* ****** ****** *******			* * * * * * * * * * * * * * * * * * *	24.7.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	
EAUNTOOOTAN	* * * * * * * * * * * * * * * * * * *	CROW CREEK	101 100 0 0 100 0 0 0 0 0 0 0 0 0 0 0 0	THE STATE OF THE S	* * * * * * * * * * * * * * * * * * *	0.00 G	10 10 10 10 10 10 10 10 10 10 10 10 10 1	2000 2000 2000 2000 2000 2000 2000 200	
MATNPSO471	* DEAD HORSE HILL * YAKIMA *	SUMPING RIVERS	25	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 110 1000 1000 1000 1000 1000 1000		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
WASNPSNSSO	* GOOSE PRAIRIE * YAKIMA	A A A A A A A A A A A A A A A A A A A	46 50.9 ***	**************************************		17168	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	67. 467. 44. 44. 44. 44.	
MAGNPSO463	* HORSESHOE SEND * YAKIMA *		24 000 004 004 004 004 004 004	T = 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	034	2.2 0 m m	THE REAL PROPERTY OF THE PERTY	
WASNPSO474 WAU0555	* * * * * * * * * * * * * * * * * * *	* * * OUTUPE NACE TO SECULATE TO SECURATE	47 0.0 x 121 7.3 x 145 x	TH 99	0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	6 6 6 10 11 0 0 1 1 1 1 1	117310 * * * * * * * * * * * * * * * * * * *	60 00 00 00 00 00 00 00 00 00 00 00 00 0	
WATNPPOTST * EAUCOMO PEC DEC DEC **	* X T MC X M 4 A 1 R 1 B 1 B 1 B 1 B 1 B 1 B 1 B 1 B 1 B	RESERVOIR KLICKITAT RIVA	46 21 9 # # 121 11 0 0 # # 420 # # # # # # # # # # # # # # # # # # #	2 H 4 H 4 H 4 H 4 H 4 H 4 H 4 H 4 H 4 H	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 000 000 14 4 4 8 4	000	101.94 101.95	
MAUNPPOTSS * WAUNTSO *	- TAKES - ARKES - ARKES	A MAGNIPPO759 4 LAKES A MAUQ760 4 YAKIMA FISH LAKE STR4	46 15.9 * 121 18.0 *	TH CO	0 4	0000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1406°1 29°35'1	

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,59

TAPERS A CASE OF THE PARTY A CASE OF THE PARTY OF THE PAR		****	****	****	****	****	***	****	* * * * O O
######################################	* 00 mm	00	ÓÓ	2004 2004 2004 2004	208 208 84 84 84	11.26	0 24 24 25 25 25	2. 4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	00
*#		404			0000 000 044 044 044	169670 **	11 12 13 13 13 13 13 13 13 13 13 13 13 13 13	* * * * * O & Ø O O M M	
# # # # # # # # # # # # # # # # # # #		4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * 0 0 h m 9	本本 本 年 年 ○ GP GP ○ GR GR の GR の GR の GR の GR	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * * O & & & & & & & & & & M M	onur Pre	#: #: # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #	K & & & & & & & & & & & & & & & & & & &	***** 000 Mi	# # # # # 000 NE Sh	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M W W W W W W W W W W W W W W W W W W W	8 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	### 0° 0° ###	000	######################################
	* * * *	* * * * *	****	****					
40-FM C.	# O # O # O # O # O # O # O # O # O # O	10 6	#0 #0 #12 #0 #4	1.0 1.0 1.0 1.0 1.0 1.0 1.0	in a series of the series of t	T	T.H. 80.8	E H E H E H E H E H E H E H E H E H E H	
# C O O O O O O O O O O O O O O O O O O	* *			60	24 00 00 100 100 100 100 100 100 100 100	46 57-9 * I 125 15-3 * 16 170 * * * 8004	85 40 41 41	8 1128	11 4 0 4 4 0 1 1 1 1 1 0 0 1 1 1 1 1 1 1
A LANGUADO A PARCAPARA A PARCAPARA A PARCAPARA A LONGUATUDO A PARCAPARA A PARC	** ** ** ** ** ** ** ** ** ** ** ** **	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 21.9 * * CP 030.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	74 10 10 10 10 10 10 10 10 10 10 10 10 10	# # # # # # # # # # # # # # # # # # #	20.04 10.04 10.04 10.04 10.04 10.04 10.04	266.0 * T. 620.1 * T. 620.1 * T. 620.1 * T. 620.5 * E.	47.0 * H 0 51.9 * IS 600 * * 1128	44 90 90 90 90 90 90 90 90 90 90 90 90 90

SCALE これとはつしばくばら SMALL A 11 60 11 V ADDITIONAL >-A N D R R R R R F の 国 i. ox O U CAPACITY STATE POTENTIAL w I HYDROELECTRIC z HYSICAL Ω

	⊢ □				•	4	POTEN	4	INCREMENTAL	*	CATACHT RANGE	**************************************	*****	***************************************	***	*****	* * * * * * * * * * * * * * * * * * * *
	* * * * * * * * * * *	*	* 3 Z * 00 00 4 4 00 00 00 00 00 00 00 00 00 00		**************************************		k F # K	E 34 K 35 K 25	* * * *		M.	in i	- 1	0 1	x 1	Z +	* * * * * * * * * * * * * * * * * * *
ш ш > -	* * * * * O S I	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * *	**************************************	DONA DONA MONDENA MOND	* F Z U 1	* * * * * * * * * * * * * * * * * * *	 	KUSW KOHO KOHO KOHO	10 10 10 10 10 10 10 10 10 10 10 10 10 1	18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M	(ZC) *	FZO*
*****	**************************************	* * * * * * * * * * * * * * * * * * *	* ****** * ***** * **** * **** * ****	* * * * * * * * * * * * * * * * * * *	* * *	* * * * * * * * * * * * * * * * * * *	# GM # GM # wp. 0		* * * * * * * * * * * * * * * * * * *	4	0 0			*	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	
* 4	# * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*	*	** *** *** *** *** *** *** *** *** ***		* * * * * * * * * * * * * * * * * * *		. → 40 t		. ⊶ oc +	M W *	M 2 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	10.7 a 4.4 * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * *	* ****	* * * * * * * * * * * * * * * * * * *	* *	* * * * * * * * * * * * * * * * * * *			x • 0 •		*			* * * * * * * * * * * * * * * * * * *	**************************************	****** O * * O * **	# # # # # # # # # # # # # # # # # # #
* 00	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* *				*****	0				**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	4 (A)
*****	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 0 * 0 * * * * * * * * * * * * * * * *	* *	* * * * * * * * * * * * * * * * * * *	# ## ## ## ## ## ## ## ## ## ## ## ## #		, A1 4	. Mr 1	ac 1	0 0	W W W W W W W W W W W W W W W W W W W	######################################	100°0 × 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4 ×	0 0 8	4 + 4 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 +
* * *	* * * * * * * * * * * * * * * * * * *	* # ### # ############################	* * * * * * * * * * * * * * * * * * *	**************************************	*	EXIONA *** EXIONA *** INDEVELOPED	* CON	* W W	# DOOM	M	NEW POTTENTS SPECIFICATIONS STORES ST	A 8.0 9.8	(O O >	SUM D RANG		4 2 T	; ,)

PHYSICAL POTENTIAL FUR ADDITIONAL

CAPACITY AND ENERGY DEVELOPMENT HYDRUELECTRIC

VHZMOCHA POWS LO BEVES WIF ZH

u. ≪ £	* * *	:			4		POTENTI	AL	az +	CAPACIT	TTY RANGE	တ ယ		:			
H2	- 4 J Ø	k K	* * * * * * * * * * * * * * * * * * *	EXECUTE E SY IO .		M R R K K K K	# 3 # E # 10 # 4	K 32 ·			K (A)	K (1)	**************************************	表	* -	A A A A A A A A A A A A A A A A A A A	章 在 在 在
+	93I (* H H G G G G G G G G G G G G G G G G G	* * * * * * * * * * * * * * * * * * *	**************************************		* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #		4 H D D D D D D D D D D D D D D D D D D	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* H 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4	* * * * * * * * * * * * * * * * * * *	* * * * * F Y Q * O U Q * H Z U * X H * U N	*************************************	######################################
K 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *			* * *		* OI — * OI OI — * OI OI OI — * OI		* OI	* ** ** ** ** ** ** ** ** ** ** ** ** *	* ~ N × * * * * * * * * * * * * * * * * * *		
. O	* * * * * * * * * * * * * * * * * * *		X X X X X X X X X X X X X X X X X X X		k i	* * * * * * OOC * OO			* * * * * * * * * * * * * * * * * * *	000	K 1000 K		X X X X X X X X X X X X X X X X X X X	* * * * * * * * * * * * * * * * * * *	# 0.00 # 0.00 # 0.00	* OOO	\$ 000 * M * NO *
	* * * * * * * * * * * * * * * * * * *	* * * * * 200	K K K K K K K K K K K K K K K K K K K	k -1	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * 200		* * * * * * * * * * * * * * * * * * *	000		000					表 C) O ⁿ : 数 C) O ⁿ : 数 M:
* A -	* * * * * * * * * * * * * * * * * * *	* * * * * * a a c * a a			****** ****** * * * * * * * * * * * *	* * * * * COO			* * * * * * * * * * * * * * * * * * *			7 CO X X X X X X X X X X X X X X X X X X		*		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
TOTAL	* * * * * * * * * * * * * * * * * * *	E # # # # # # E	K * * * * * * * * * * * * * * * * * * *		k :		20 20 20 30 30 30 30 30 30 30 30 30 30 30 30 30		20 C C C C C C C C C C C C C C C C C C C	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	#	* * * * * * * * * * * * * * * * * * *		* * * * * * * * * * * * * * * * * * *	4 4 20 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
k k k k k k k	COLUNN	# # # # # # # # # # # # # # # # # # #	XISTING DOITION NDEVELO	HYDROP AL POTE PED POT	OWER DEVEL		NG DAM T T S			UM 07 AL 07 E	APOT SENTING S	3 A A A A A A A A A A A A A A A A A A A	STE STEEN ST		E COLUMN E C	8 2 AN 44 44 44 44 44 44 44 44 44 44 44 44 44	* W

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,59

DATE IS FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.19

	ID NO * TRIMARY CO. INAME OF STREAM CODE *	* CD * * CO	H		** ~ ~ ~	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# (181) # (1000 # (181) # (181) # (181) # (181) # (181) # (181) # (181) # (181) #	E SE	A COMPONENCE A COMPONENCE A COMPONENCE A ANALY COMPONENCE A ANALY A A COMPONENCE A A A A A A A A A A A A A A A A A A A
MILL VILLE POTOMAC L	**************************************	* * * * * * * * * * * * * * * * * * *	* 4 4 * 4 *	**************************************	# # # # # # # # # # # # # # # # # # #	* * * * *	**************************************	44444444444444444444444444444444444444	**************************************
LAUPEL Barbour	TYGART RIVER	* * * * * * * * * * * * * * * * * * *	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	* * * * * * * * * * * * * * * * * * *	270000 2354.7		****	0 C	* * * * * *
LAUREL CREEK Barrour	EEK RES LAUREL CREEK	****		TO 012	10001 15000 157.8	CWW CWW	O	32699 32699 32699 32699	****
TETER CREEK Barbur	RES TETER CREEK	00 m m m m m m m m m m m m m m m m m m	000 200 200 200 200 200 200 200 200 200	T A A A A A A A A A A A A A A A A A A A	140 8600 8600	1727	0000 000 0000 0000 0000 0000	e m e e e e e e e e e e e e e e e e e e	
BIRCH LAKE BRAXTON	BIRCH RIVER	# # # # # # # # # # #	000	CRO PA PA PA BA PA BA BA BA BA BA BA	234.0 105800 140.8	2017 2017 2017 2018 2018 2018	2777	M	****
BURNSVILLE Braxton Daen orh	E LITTLE KANAWH	1. * * * * * * * * * * * * * * * * * * *	M M	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 00 00 00 00 00 00 00 00 00 00 00 00 0	000	C 0 0	44 64 64 64 64	
SUTTON BRAKTON DAEN ORH	ELX PI VER	* * * * * * * * * * * * * * * * * *	0 - 10 0 - 10 2 - 10 2 - 10 2 - 10 2 - 10 3 - 10 4 - 10 4 - 10 4 - 10 4 - 10 4 - 10 5 - 10 6 - 10 7	CRSC CP 1124 4 4 4 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4	265500 265500 211 2000	15000	# # # # # 0 0 0 0	# 30 # 00 # 00 # 00 # 00 # 00 # 00	* * * * * * * * *
UOP BRAYTON	LITTLE BIRCH	* * * * * * * * * * * * * * * * * * *	000	CHO CHO CO CO CO CO CO	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		* * * * * * * * * * * * * * * * * * *	000 000 000 000 000	
* WY6ORHOO75 * UDP * WYU0230 * BRAXTON HOLLY RIVER * S DRC I *	HOLLY RIVER	* * * * *	0 0 M	CO TS 8158	M W W W W W W W W W W W W W W W W W W W	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3477.3	

DATE 15 FEB 81 NATIONAL MYDROELECTRIC POWER STUDY TIME 01.19.19

FM 2 ID NO A ACT	PRIMARY CO. 122MM OF		233555 *****		****	7 8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	KK STOR STOR STOR STOR STOR STOR STOR STOR	444 444	****		ANCT COST ENERGY COST (1000 8) (8/HEH)	# # # # # # # # # # # # # # # # # # #	NO C A C C C C C C C C C C C C C C C C C
MARKARARARARARARARARARARARARARARARARARAR	AND TIVES LAKE SEES SAN SAN SAN SAN SAN SAN SAN SAN SAN SA	**************************************	* # # # # # # * # # # # # #	# 00 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# 44 # 45 # 45 # 60 6 # 60 6	等 C C C C C C C C C C C C C C C C C C C	* * * * * * * *		## ###################################	有 表 表 数 数 数 数 数 数	信仰 化化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲
WV6DRHOOSO W WVUOR68 W W W	WEST FORK LAKE CALHDUN	MEST FORK RIV	*****	4 4 4 4 4 4 4	***	0 M M 0 0 0 0 0 0 0	44 W	C	****	000	000 1000 1000 1000 1000	****	
WV6DRH0081 * WVI0229 * * T DRC I * *	000 P	BUFFALG CREEK	***** W. CO O ~~	24.0 W.9.0	***	# # # # # # # # # # # # # # # # # # #	310.0 150846 177.8		***	4 4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	W W W W W W W W W W W W W W W W W W W	****	
WVHDRHOOGS WVUOR77 WVUOR77 WV	TANKS TANKS TO A STANKS TO A S	2012 1012 1013 1013	* * * * * * * * * * * * * * * * * * *	6.5 4.8 6856	***	TC GC SS SS SS SS SS SS SS SS SS SS SS SS SS	N 4	102000	****		© 6	***	2010
WVHORHO700 # WVHO278 # E DRA I # #	KANAWHA FALLS FAYETTE CARBIDE	KANAWHA RIVER	表 表 表 表 表 数 60 60 mm	112.0 11.9	***	10 00 00 00 00 00 00 00 00 00 00 00 00 0	N 4	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****	**************************************	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	****	8000Z
WV6DRHOO&3 * 'WVU0264 * 5 DRC I *	LEADING CREEK	LAKE LEADING CREEK	2	0 8 8 4 4 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	***	0 T	47 00 W	# # # # # # # # # # # # # # # # # # #	****	-0-0 	4.4.4.5.6.5.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	***	
WASDRHOOBA W WVUC275 W S DRC I W	STERR CREEK LAKE	AE STEER CREEK	0 O M 00	ລານ ທາສາ ວິດສະ	***	20 CU	6 4 6 6 0 M 6 0 0 6		***	C 6 6	在	***	
WV6NABO166 * WVUOOO9 * S SCP I *	ROYAL GLEN	S BR POTOMÁC	****	000	* # # # #	000 100 100 100 100 100 100 100 100 100	M 140 00 00 00 00 00 00 00 00 00 00 00 00 0			66 60 60 60 60 60 60 60 60 60 60 60 60 6	5006 80 1 98	***	
WVCNABO167 * WVONNO! *	S STONY RIVER PO-	POWER STATION DAY	* * * * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5.0	在 48 48 -		144°0	4 4 4 U	**	50 EU 101 101 101 101 101 101 101 101 101 10	102.27	* * *	· · · · · · · · · · · · · · · · · · ·

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,19

ACTV DEP CODE CODE FILE STATUS	安安安安安。	AND DE CHARACE CONTRACTOR OF C	* * * * *	CONGITUDE CONGITUDE CONGENT CO		A	A T T T T T T T T T T T T T T T T T T T	EXXCO	OOCH SECOND SECO	COO SOO	20 et	
MANAMANANANANANANANANANANANANANANANANAN		专业企业中有企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企业企	* * * * *	37 47 9 80 22 0 974	我 我 我 我 我 我	# CO C C C C C C C C C C C C C C C C C C	# 0 # 10 # 10 # 10 # 10 # 10 # 10 # 10 #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 有 数 数 数 数 数 4	*099	4 4 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	TOUCH TERMS AND THE STREET OF
WV6ORHOO86 WVU0248 S DRC I		ANTHONY CREEK	***	% 0 44 0 0 44 0	***	CO	000			000	. 4 . 4 . 4 . 4	***
WV6NABO172 WVUOOO7	A * * * * *	CACAPON	****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	***	TT 00 00 00 00 00 00 00 00 00 00 00 00 0	4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W 4 W	0 9 9 N N	2 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	64 64 64 64 64 64 64 64 64 64 64 64 64 6	***
WV6NABO173 WVUOOOB 5 DRC I	A CODAINGEO A CODA	S BR POTOHAC	* * * * * * * * * * * * * * * * * * *	4 W	***	20 24 24 26 36 34 34 34 34 34 34 34 34 34 34 34 34 34	N W W W W W W W W W W W W W W W W W W W	1294		2222 2000	2 M 2 M 2 M 2 M	*****
WVADRPO151 WV02901 2 DFC I	A NEW CUMBERLAND A HANDOCK A DAEN DRP	L/D OHIO RIVER	* * * * *	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	***	20 00 00 00 00 00 00 00 00 00 00 00 00 00	4 1-	4 4 0000 000		000	N N N N S N S N	NI 00 00 00 00 00 00 00 00 00 00 00 00 00
WV60RP0154 WVW0217 S DRC I	FILK CREEK HARRISON	7 7 8 8 8 8 8	0.0 M 10 2 4 4 4 4	13.4 18.0 76	***	**************************************	20 20 20 20 20 20 20 30 30 30 40 40 40 40 40 40 40 40 40 40 40 40 40	(C) est est	**************************************	0 M M	40777 3087418	
WV6DRPO153 WVIOR16 W DRC I X	TEN MILE CREEK HARPISON	T T T T T T T T T T T T T T T T T T T	O C M 40	4 M 4 M 4 M 5 C	***	* * * * * * * * * * * * * * * * * * *	# # # # # # O @ # O M # O M # O M	○ ↔ ↔	· · · · · · · · · · · · · · · · · · ·	9 2 2 2 2	2 - 0 0 M 0 C 0 C 0 C	
WVGNABO168 & WVUOOO3 & WVUOOO3 & WVUOOO3 & WVOOO03 & WVO	MILLVILLE JEFFERSON POTOMAC EDISON	SHENANDOAH	* * * * * * * * * * * * * * * * * * *	M 4 W N N O 0 0 0	***	# # # # # # # # # # # # # # # # # # #		4 4 8 4 4 8 5 4 8 6 4 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	30 M	0 4 M 4 1	0 4 0 4 0 4 0 4 0 4 0 4 0 4	1008
WV6DRHOO87 # WVU0224 #	* WV6ORHOOS7 # CLENDENN LAKE # WVJ0224 # KANAWHA BIG SANDY CR	ta.i	00 M 00 # # # #	0 0 0 0 0 0 0 0	***	CRO 18 141 041	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	666			750.43 216307	

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.19.19

1 10 NO * 10 NO * 10 COSE * 11 COSE * 21 ATLS *	PA 1 10 NO & PRIMARY CO. *NAME OF STREAM CODE CODE & CODE & STLE & STATUS &	E COLOR	*****	NACCO NACCO NACCO	CO C	****		**************************************	20 H -	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	N * * * * * * * * * * * * * * * * * * *	(1000 COOP	CONSTRUCTION OF CONSTRUCTION O	AN A
**************************************	**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* M & H & H & H & H & H & H & H & H & H &	28 11 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# Z O # # * * * *	# # # # # # # # # # # # # # # # # # #		* * * *	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	* * * * *	# # # # # # # # # # # # # # # # # # #	**************************************	# 00 # 4 # 4 # 4
* * * * * * * * * * * * * * * * * * *	MARMET L+D KANAHHA DAEN ORH	X AN A KINA	7 H M N T T T T	w eo eo +1 -+ w eo	8 M 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*****	* * * * * * * * * * * * * * * * * * *	w w ≥ w c o w	*****	14400 104400 10674	4 C B B B B B B B B B B B B B B B B B B	***	4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	*****	200A
*V600AH0090 *	POCATALICO LAKE KANAWHA	NKE POCATALICO	* * * * * M Ø: U	20 €0 60 ÷1	2.00 2.00 2.00	. * * * * *	CR CC A A A A A A A A A A A A A A A A A A	1140 1040 800 800 900	***	000	044	****	2901.8 661808		
EVEURHOOSS & EVUOREY & E	ZOD RANAWHA	LITTLE SA	A A A A A	M 40 40 ~4 60 M	62 4 ** 0 0 0	****	CHO CHO CO CO CO CO CO CO CO CO CO CO CO CO CO	310.0	****	0.00.00	6477	****	1147.2	****	
WV6DRWOO89 ** WVUORR8 ** SORC II*	LOD P KANANAHA	BLUE CREEK	FF # # # #	10 40 40 11	14.9	****	100H 100H 1000 1000 1000 1000 1000 1000	400°0	****	144 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	6 4 4 4 4 0 4 4	****	100 100 100 100 100 100 100 100 100 100		
# # # # # # # # # # # # # # # # # # #	STONEWALL JACKSON LAKE LEMIS MEST FO	KSON LAKE MEST FORK	# # # # # M W W	6 0 10 0 10 0	0 8 4 • • 0 • 4 4	****	CROSS 4	44 46 60 00 10 10 10	****	#### 0 P. P. B.	20 00 00 00 00 00 00 00 00 00 00 00 00 0	****	176. 176. 186. 186.	****	200%
WVAORHOOGG WAY	GALLIPOLIS L HASON DAEN ORH	+ D OHIO RIVER	* * * * * * %: (1)	80 80 80 80 84 80	40*8 111*1 5330	****	2 4 4 4 0 0 0 0 0 0 4 4 4 4 4 0 0 0 0 0	4 W	****	44 NN 000 000	N W 1	****	6057 85.35 95.00	****	1002
WVADRHOOG4 W WVUORUS B	RACTNE L+D HASON DARN-DRH	OHIO RIVER	##### #####	50 44 80 44 80 44 80 44	955.0 94.7 40130	****	2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	0 6 0 0	****	44 0000 44 0000	N W 1000	****	4911.7 21.263	****	1002
WVEDRHOOSS WVUORES	PANTHER CREEK MCDOWELL	LAKE PANTHER	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N 60	3	* * *	C & & &	16880	* * *	 O.U.	4 6 0 4	* * *	2.00 2.00 2.00 2.00 2.00 2.00	***	

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.20

ACTV DEP A CODE CODE CODE CODE CODE ATLE A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	****		****	TA TE	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	TAR CCACOO COO		(1000 CENTER COOL)	ALICANISTANCE CONTACTOR A CONTROL OF A CONTR
WV6DRH0096 WVU0272 S DRC I	* SPANISHBURG LAKE * MERRER BLUEGHONE RI	> I & BNO L SERVICE STATES	: : * * * * *	1000 1000 1000 1000			k k	* * O M M M M M M M M M M M M M M M M M	# # # # # # # # # # # # # # # # # # #	***************************************
EV60RP0160 EVU0219	* BEAVER HOLE * MONONGALIA **	CHEAT RIVER	****	247 640 640 640 640	T H # # # # # # # # # # # # # # # # # #	000° 000° 0000° 0000° 0000° 0000° 0000° 0000° 0000° 0000° 0000° 0000° 0000° 0000° 0000° 0000° 0000° 0000°	44 0000 t 3 m	001479 0101479 01449	29.468	80 00 21
WVADRPOIGE WVO6107	* HILDEBRAND L/O * MONONGALIA * DAEN ORP	MONDNGAHELA	* * * * * *	80 80 80 80 80 80 80 80 80 80 80 80 80 8	0 0 0 N M T	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	44 00 00 00 00 00 4 4 4 4 4	98 98 98 98 98 98 98 98 98 98 98 98 98 9	
WVAGRPDO161 WVO610161 ORC OF	# HORGANTOWN L/D # MONONGALIA # DAEN ORP	MONONGAHELA R	****	≥ 50 € 10 € 10 €	* * * * * * * * * * * * * * * * * * *	M 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	66769	* * * * * * * * * * * * * * * * * * *	77 W W W W W W W W W W W W W W W W W W	1002
WVADRPO168 WYD6108 P DRC I	# OPEKISKA L/D # MONGNGALIA # DAEN ORP	MONONGAHELA R	# # # # #	M W W W	Z G G G G G G G G G G G G G G G G G G G		10757	44 0 UN 0 UN 0 UN O	6- W 80 80 80 80 80 80	1008
WV6DRHOO97 WVU0246 S DRC I	MONTON	SECOND CREEK	****	M 40 N 40 D 40 40	HOU TO THE OUT	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * (66 4 60 4 60 8 80 8 80 6 80 6	
WV6DRHO098 WVU0273 S DRC I	MONTOE	HNDIAN CREEK	****	N 4 0 0 1 0 0 10 0 0 11	* * * * * * * * * * * * * * * * * * *	*****			24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
WV6DRHOLDO WWW WVUO235 WWW WVUO235 WWW WWW WWW WWW WWW WWW WWW WWW WWW W	* MEADOW RIVER RE * NICHOLAS	RESERVOIR MEADOR RIVER	0 C M 00		* * * * * * * * * * * * * * * * * * *	360600 360600 377°-7	# # # # # O MM O O O O O O O	* * * * * * * * * * * * * * * * * * *	6992-1 70-204	
T T T T T T T T T T T T T T T T T T T	* SUMMERSVILLE * NICHOLAS * DAEN ORH	GAULEY RIVER	60 M60	M W W W W W W W W W W W W W W W W W W W	0.000 0.000 0.000 0.000 0.000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1693000	4 44 0000 0000 0000 0000	4198-8	

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.20 PABLE 1

ANAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMA	保信者等者有有有有有有有有有有有有有有有有有。 在 · · · · · · · · · · · · · · · · · · ·	***	****		1005		****	****	***
######################################	244444 20444 20444 20444	4580.1 94.978	25.25 2.05 2.05 8.05 8.05	20 80 80 80 80 80 80 80 80 80 80 80 80 80	1. 6. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	906. 771.33	7311 v3	164 164 154 154	2640.6 214.10
# # # # # # # # # # # # # # # # # # #	REPRESENTATION OF THE PROPERTY	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		00000 00000 000000 0000000000000000000	* * * * *	0 m m	107986 **	4 4 4 4 4	本のなりのでは、
# # # # # # # # # # # # # # # # # # #	2	2 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 2 4 4 0 0 0 0	20000s	ORIN ORIN THE	0.00 0.00 0.00 0.00 0.00	M 4770	M W 000
* * * C		00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # #	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	CHO * PW0.0% * 150
# # # # # # # # # # # # # # # # # # #		IOHO 100 100 100 100 100 100 100 100 100 10	THU CHU CHU CHU CHU CHU CHU CHU CHU CHU C	* * * * 0 ° 0 9 0 8 M	# # # C O O O O O O	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	H 80 C 87 H 80 C	2	CHO IS 120.0
k .						****			
# 1 # # # # # # # # # # # # # # # # # #	E	88 18 18 18 18 18 18 18 18 18 18 18 18 1	80 8 80 8 80 8 80 8 80 9	80 42 9 8 8 9 8 8 9 8 8 9 8 8 9 8 9 8 9 8 9	39 21 31 20 22 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	600 600 600 600 600 600 600 600 600	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	80 90 10 10 10 10 10 10 10 10 10 10 10 10 10	38 30 0 79 50 0
*****	****	e 0	an C) ⊶ au	0HIO RIVER * 80 4	10 A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4C C	LAKE * 38 3 GREENSRIER RI* 79 4	4 80 4	7 1 1 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	K CC K CC K CC K CC K CC	CC M 60 M 60 M 60	0.00 W # # # # # # # # # # # # # # # # # #	PIKE ISLAND L/D * 40 OMIO DAEN ORP 0MIO RIVER * 80 4	# # # # # # # # # # \$0	M	* 38 3 GREENBRIER RI* 79 4	THE CO TO THE CO	4

A CANA MONOTORNO A CHARA CANAGE MONOTORNO A CHARACTORNO CON CONTRACTORNO A CONTRA	李 · · · · · · · · · · · · · · · · · · ·			*****		IS 00 01	7 # # # # # 20 00 00	****	***
#####################################	**************************************	W K K K K K K K K K K K K K K K K K K K	M10 00 00 00 00 00 00 00 00 00 00 00 00 0	100 mm	700 6.0 6.0 97 1.4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# #		# # # # " " " " " " " " " " " " " " " " " " "	* * * * 100 100 100 100 100 100 100 100 100 10
# = Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	· 在在在在在在在在在在	0.00	* * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * O		10 00 00 00 00 00 00 00 00 00 00 00 00 0	* * * * * * * * * * * * * * * * * * *	0
# * * * * * * * * * * * * * * * * * * *		Or Profit of the Control of the Cont	399	0.9.9		0.00 IN IN 22 22 IN IN	4 W	0 9 9 9 9 9 9 9 9	0
# # # # # # # # # # # # # # # # # # #		* * * * * * * * * * * * * * * * * * *	N N N N N N N N N N N N N N N N N N N	100000 THE TOTAL OF THE TOTAL O	# # # # # # # # # # # # # # # # # # # #	**** 6000	#### 67.00	196.6 133000 1356.8	109000
* 0. 0		****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	### ### DHU ### DBH ###	# # # # #	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	** * * * *	24.7 * C 200.00
**************************************		44 44 44 44 44 44 44 44 44 44 44 44 44	# # # # # # # # # # # # # # # # # # #	6 0 9 80 0 90 0	39 40.9 79 37.7 191	49 20 20 40 40 40 40 40 40 40 40 40 40 40 40 40	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	M M M M M M M M M M M M M M M M M M M	OF # 19 6.7
# 5		# # # # # # # # # # # # # # # # # # #	SITUNGTON MOD	KNAPP CREEK	AMP BARD SAND MACONARIA	AKE CHEAT RIVER	KANAEHA DIVER	VALLEY RES Upper tygart	
######################################	TODD	UDP POCAHONTAS	UDP PDCAHDNTAS	UOP POCAHONTAS	BIG SANDY CREEK PRESTON	ROWLESBURG LAKE	WINFIELD L+D PUTNAM DAEN DRH	R UPPER TYGART VALLEY RE RANDOLPH UPPER T	* WV6ORHO114 * HUGHES RIVER RESERVOIR * WVU0274 * RITCHIE SOUTH FORK
# # # # # # # # # # # # # # # # # # #	# # WV6URHO107 # # # DRC	WV6ORHO108 W WVUO2455 W WVUO2455 W	* WV6GRHO109 * WVU0247 * WVU0247 * *	* WV60RH0112 * WV60RT1 * WVU0271 * * S	* WV6GRP0167 * WVU0218 * * ORC I *	* WV6DRP0156 * WV6DRP0156 * * WVU0208 * * * * * * * * * * * * * * * * * * *	WVGDRHO113 X WVU0262 X VVI0262 X X X VVI0262 X X X X X X X X X X X X X X X X X X	WV6DRP0169 x WV10215 x WV1	WV6GRHO1144 W WV6GRHO1144 W WVU0274 W

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.20 PAGE 294 OF TABLE 1

TARRO CONCINCA TRACONORIOS TRA	# # # # # # # # # # # # # # # # # # #		2001				0 0 0	O 00	
S S S S	## ## ## ## ## ## ## ## ## ## ## ## ##	# M # 0 # 0 # 0 # 0 # 0 # 0 # 0 # 0 # 0 # 0	60 60 60 10 60 10	4 (4) 50 (4) 60 (6) 60 (6) 60 (6)	81 - 1 - 60 - 6 - 60 - 6 - 61 - 61 -	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	36.188 7160°8	37.687 8416.8	n o n o o o o o
化苯苯酚磺基	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	1000 1000 1000 1000 1000 1000 1000 100	OMM					* * * * 000 40 000 000 000 000 000
			* * * * * 000 000 000 99	74 0 44 0 44 0 44		44 044 044 044 044	000	0 M M	# # # # O RI RI O RI RI RI O RI RI RI RI RI O RI RI RI RI RI O RI RI R
A A A A A A A A A A A A A A A A A A A		000 000 000 000 000 000 000 000 000 00	2647000 140000 140000	17000 17000 17000 17000	1.0000 1.00000 1.000000 1.00000 1.000000 1.00000000	2007 2007 17000 175 66 8 8 8	# # # # # #	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	14 W W W W W W W W W W W W W W W W W W W
A < 4 C	**************************************	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CR C	# # # 0 90 90 90 90 90 90 90 90 90 90 90 90 90	T * * * * *	# # # # # # # # # # # # # # # # # # #	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	CRO CRO CRO GO 4 * * * * * * * * * * * * * * * * * * *	### #CO BI BB ####
CONGITUDE OR AREA CO M. B)		M00 M00 M00 M00 M00 M00 M00 M00 M00 M00	# # # # # # # # # # # # # # # # # # #	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 00 00 00 00 00 00 00 00 00 00 00 00	9.00 	₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩	0 00 0 00 0 00 0 00 0 00	38 17 80 80 80 80 80 80 80 80 80 80 80 80 80
	AND DEPARTMENT OF THE PROPERTY	# # # # # # # # # # # # # # # # # # # #	A A G B > L G + C G > L G > L G > L G + C G > L	LAKE MIDDLE ISLAND*	A TONNESS AND SUCCESS AND SUCC	ATODIES TORK	######################################	# # # # # # # # # # # # # # # # # # #	FILLIAMO RIVER
ID NO WENT PROJECT NAME TO STREAM DEFT WANTED TO STREAM	SIGNO LAKE	DACTOR CONTRACTOR CONT	TYGART RIVER TAYLOR DAEN ORP	MIDDLEBOURNE Tyler	BUCKHANNON BIVER RES UPSHUR	ATDULE FORK R UPONUR	BEECH FORK Mayne Daen orh	EAST LYNN FAYNE DAEN ORH	* UDP * MEBBATER MILLIAMS RI
ATM TO CO O	WV60RH01155 A WV00R40.	WVCDRIO116 WVDORUN WYDORUN WY A W W	WVCDRPO170 * WVO9101 * E	WV6ORHO117 * WVUOR76 * * ORC I * *	WV6ORPO171 * WVU0213 * * DRC I * *	WV6DRP0172 * WVU0214 * WVVU0214 * WVV00214 * WV000214 * WV0000214 * WV00000214 * WV00000214 * WV00000214 * WV00000214 * WV00000214 * WV000000214 * WV00000000000000000000000000000000000	WVCDRHO118 * WVU0250 * CRC *	WVCORHOII9 WVUORSS WV DRC	* * * * * * * * * * * * * * * * * * *

DADLECT NAME OF LOCAL CO. LANGUAGE CO. LANGU	ED FO	* * * * * * * * * * * * * * * * * * *	* LATITUDE * DR.AREA * CD M.M) * (D M.M) * (SO M.M)	* * * * * * * * * * * * * * * * * * *	2	THE STATE OF	AND CANAGE OF A STANGE OF A ST	######################################	A * * * * * * * * * * * * * * * * * * *	*RXIOH.EDXORANUL. COGH FERC ECONORIC *INC.ENERGY************************************
######################################	**************************************	# 8 0 0 # 10 0 # # # * * * *	# 80 0 # 40 0 # 40 0 # 6 0 0 # 6 0 0	**************************************	* ED	# O # O # O # O # O # O # O # O # O # O	在	**************************************	在	医假皮肤染液性溶液 医皮肤皮肤 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
NE SERVICE OF SERVICE	ELK RIVER	00 C P1 00 *****	20°0 7°9 87°3	*****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 8 2 8 0 0 8	\$ 4.000 \$ 4.000 \$ 4.000	4440000	* * * * * * * * * * * * * * * * * * *	* * * * *
UDP Werster	# X 1	* * * * *	18.9	**** CHO 100 100 100 100 100	* * * * *	1066 1066 1008 1008	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * *	1. 电电子 1. 电子 1.	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	GAULEY*ELK RI	****	0.0 4.0 6.0 1.0	0 IH	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	88 89 00 00 00 00 00 00 00 00 00 00 00 00 00	411100	78667	* * * * * * * * * * * * * * * * * * *	
UDP Webster	GAULEY RIVER	# # # # #	33.0	00 H	3. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	W 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		68700	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	***
HANNIBAL LOCKS Vetyel Daen orp	S AND DAM CHIC RIVER	# # # # #	0 N N N N N N N N N N N N N N N N N N N	796 ZC ****	99940.044	300000	* * * * * * * * * * * * * * * * * * *	000000 Mark	* * * * * * * * * * * * * * * * * * *	1000
# BELLEVILLE L+D # WOOD # DAEN ORH	OHIO RIVER	M 60	0 14 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		****	2 W 4 G	00000	000 000 000 000 000 000 000 000 000	80 - 00 m m m m m m m m m m m m m m m m m	2001 1
R.D. BAILEY WYOMING DAEN ORH	GUYANDOTTE R)	# # # # # # # # # # # # # # # # # # #	0.00 0.00 0.00	080 000	* * * * 4. 468	310.0	17730	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * 1089.0	****

SCALE F Z W X G ADDITIONAL ī¥. 0 15. OTENTIAL a. PHYSICAL H O R O E L

D	
_	
is.	
>	
w	
0	2
	8-6
> 0	9 Z C C C S S S S S S S S S S S S S S S S
Z «	0
>	L
}	j
}~ {	⋖
U	•
⋖	W3
a .	
⋖	12.5
U	x
	۲
U	
-	2
æ	5-9
-	
ပ	
1.1	

1	k K K	* + + + + + + + + + + + + + + + + + + +	# 3 P • 0 # 3 CO # CO # 3 CO # CO # CO # CO # CO	* ~ 0 %	# 3M • # 3	* •0	י אַר פּער א	
# * * *		****	* * * * * * * * * * * * * * * * * * *	#	* * * * * * * * * * * * * * * * * * *			A X X X X X X X X X X X X X X X X X X X
1	R	* * * * * * * * * * * * * * * * * * *	* 00 * 340 * 340 * 350 * 4 5 5 5	≰ nu∙0-	* (10 * (10	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* DE *
1	K K K	* F F A	* ID (0) * * * * * * * * * * * * * * * * * * *	* 00 * * 00 * * 00 *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	× ++0.	* DO CA * DO CA * DO CA * POOR
4	k . k .	* F Z C :	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * *	k eMr -			COAP ** COAP *
	¥ ¥	X D D D X D D D D D D D D D D D D D D D	* * * * * * * * * * * * * * * * * * *	K	X			STIAL SFOR
	Σ Σ	* * * * * * *		* *~ .	k eW		k troop -	
		HXX USOCI CAC		*	K		. NIN	, u
	* * *	E L Z U	* * * * * * * * * * * * * * * * * * *	K		* * * * * * * * * * * * * * * O	k 07-x0 -1	* 3 H H
*	0	*ZO :		* •0	* •0	* *0 1	* *0 +	K M OO MK K M OO M K M OO M K K M OO M
1	3. 2.		* ON	K	* **		x 01-20 -	60 A A A A A A A A A A A A A A A A A A A
***		X X X X X X X X X X X X X X X X X X X	K	# 40 m # 4 m # # # # # # # # # # # # # # # #		0 0	*	EXISTING DATE EXISTING DATE EXISTING UNDEVELOPE
***************************************	t -	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	******** ****** * *** * * ** *	* - N	k :	* C 1	K	
******	3 E	PUNDEN PUND PUND PUNDEN PUND PUND PUND PUND PUND PUND PUND PUN		* 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		* * * * *	K # # # # # # # # # # # # # # # # # # #	INSTALLED CAPACITY AT INCREMENTAL CAPACITY AT POTENTAL CAPACITY AT
***************************************				* * * * * * * * * * * * * * * * * * *	数 表 表 表 表 表 表 数		K	18
***		EXEST TEST	× .	K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		K # # K # # # # # # # # # # # # # # # #	000 000 000 000 000 000	- 0. W
* * * * • •	***	NZ HZ	* * * * * * * * * * * * * * * * * * *			*****	0 A P D C C C C C C C C C C C C C C C C C C	WALLS WALLS
. ∢ 0	11. 14 H Z	4 > W + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	6	0 449	6	00	0TAL	K K

DEVELOPMENT ADDITIONAL z 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 92 33 34 N O 9 POTENTIAL STATE CAPACITY ia.i I **}**--PHYSICAL O HYDROELECTRI

# # # # # # # # # # # # # # # # # # #	* * * * * * E S * H D ! * U D E :	*	· · · · · · · · · · · · · · · · · · ·	*	**	**	* 2	*	**************************************	**************************************	* 001024	* (J) * (V) * (V)	***	* * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	我 我 我
HZ D	- 4 J 0	* * * * * * * * * * * * * * * * * * *	* 3 * 2 * 10 * 0	* 2. * 101	*	在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在	4 N 4 E 4 F	* 3				* Z * Z	\$\\ \tau \tau \tau \tau \tau \tau \tau \t	在 在 在 在	*	* * * * * * * * * * * * * * * * * * *	* * *
eal teal teal teal teal teal teal teal t	* * * * * 5	* * * * * * * * * * * * * * * * * * *	* F C C C C C C C C C C C C C C C C C C	**************************************	* F P P P P P P P P P P P P P P P P P P	# * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * 1	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	* * * # 1 * * # C 1 * * C 2 C 1 * * C 2 C 1	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* H O H H H H H H H H H H H H H H H H H
k 0° k wi k 8 k 0	* * * * * * * * * * * * * * * * * * *		K 0189 K 2189 K 21.2		K (0.100 -	000		000	222			000	000	10 00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		000	1 VI 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
20 A B O O			* **** * **** * ***	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	K 1 4	**************************************	* * * * * * * * * * * * * * * * * * *	000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		000		000 MMM MMM + # # # #	UNIU 1 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	20U 4	
	K &>>		K 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		# 4 # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	000	0.0 2.0 3.0 4.4 4.4 4.4 4.4 4.4 4.4 4.4 4	M + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +		000	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
K C C K A A A A A A A A A A A A A A A A	* 342 4 * 200	* * * * * * * * * * * * * * * * * * *			* OC 1	000	* * * * * * * * * * * * * * * * * * *	000	**************************************	000		000	**** ***** *****	* * * * * * * * * * * * * * * * * * *	00 00 00 00 00 00 00 00 00 00 00 00 00	000	K Wim 4 K Wi⊔ 4 K m 20 4
k -	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	K 44 K K K K K K K K K K K K K K K K K	4 4 4 4	** ** ** ** ** ** ** ** ** ** ** ** **	# # # # # # # # # # # # # # #	* * * * * 000	1 10 10 20 1 1 10 10 10 1	* * * * * * * * * * * * * * * * * * *	(******* (******* (*********	000	* * * * * * * * * * * * * * * * * * *	21 00 	M + 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3.01 4.4.4.4.4.4	
K * * * * * * * * * * * * * * * * * * *	COLUMN 1 II EXISTING HYDROPOWE COLUMN 3 II ONDEVELOPED POTENTICOLUMN 3 II UNDEVELOPED POTENTICAL		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	EXISTING HYOROPOWE ADDITIONAL POTENTI UNDEVELOPED POTENT	* A A * A A A A A A A A A A A A A A A A	THE STATE OF THE S	1 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		100	# E 4 Z # # E 4 Z M # # E 4 Z M # # # E 4 Z M # # # E 4 Z M # # E 4 Z M # # E 4 Z M # # E 4 Z M # E 4 Z M M # E 4 Z M M # E 4 Z M M # E 4 Z M M # E 4 Z M M # E 4 Z M M # E 4 Z M M # E 4 Z M M M M M M M M M M M M M M M M M M	200 4 200 4 200 4 300 4 400 4 400 4		A T T T T T T T T T T T T T T T T T T T		CODUMN CO	18 2 AND 1417) 1410UR)	, , , , , , , , , , , , , , , , , , ,

DATE 15 PER 81 NATIONAL HYDRORLECTRIC POWER STUDY TIME 01.19.17 PAGE 278 OF TABLE 1

	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A * * * * C C C C C C C C C C C C C C C	* (AC PT) * (AC		2	E 00 0	* CACACA TANKS * COMPONING TANKS * COMPONING TANKS * COMPONING TANKS * COMPONING TANKS *
化分子 医化水子 化水子 化苯基苯基苯基苯基苯基苯基苯基苯基基基基基基基基基基基基基基基基基基基基基基	· · · · · · · · · · · · · · · · · · ·	· 工门现 · 本	*	*********	在本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	*****	化化苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基 100%
NIONCOURTS TO COUNTY TO CO	3	# 07 48.7	# 00000## # # 00000## #	* 100000	125147 *	* C 2 * C 2	1005
•	*	*	* 1	# 1	# 1		* 1
O C C C C C C C C C C C C C C C C C C C	6	Œ X	* * 10° 0.0	* 0001	# 00 tm	0	K Ar
近上に正本 (0				*	0	*
LAKE SUPERIOR DIST PAR	0 20	280.0	* 1 O O O O	* * 0001	* 0010		* 1
	·	* 49		*	* *		
isti	* 44 27.0		# 0°F1	1122 *	9264	0	# 1013
NAOR NAORO	6 0		€C S	* 1 O 8	* -	©	*
ວວ	* .	0 20 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	* O * O * *	* ***	* *		n 4
	B -	2 4		*	: *		
0 iii > ii	•	Œ.	0	1200	7366 #	0	•
•	3		En :	*	*	•	*
EC 00	~	4 311.0*	PFT	* 0021	7366 *		4 1
	& ·	*			K 8		× •9
> 0	RU RU G	Œ I	0	1076 #	3.0000	•	. 42
	4 92 22 4	80	1150 *		*	0	
	M	381.0	* 30.0	1076 *	# 6848		
	4		4 ·	*	* 1		* 1
	9	0 1 8 4	40.04	* 00415		C	
マスピののトエロ マスピののトエロ マスピののトエロ	4 91 23.2	e. 6	4 0000	•	*	•	
STATES	Lan.	* 5042 0		21600 #	80291 *		*
	• .	*	*	* 1	* 1		* 1
	u	J # 4	* * *	0000	- TON 100	¢	
CONTROL 14000170	200		22280	0	· C	.	· #
CO GREEK WELLS ZOUTHOUS				30900	95301 *		*
			-		*		*
	9	ex ·	# 1 C		* 340011	• •	# -Q
TOTOCKER DEPTH		# 4	00000			o c	* *
TENNATURE AND ASSESSED ASSESSEDANCE ASSESSED ASSESSEDANCE ASSESSED	0045	3960 4		33750	112085 *	•	
	-	**	.		4		* 1
ALLS 1903C172	P/T	# #	6.00	440	91035	1623.9	1.61 *
CHIPPENA	* 91 16.0	40	21450	00190	4	5.27	1971

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.17 PAGE 279 OF TABLE 1

THINK TO THE TOTAL THE TOT	* *	1001	· # # # # #	****		***	****	******	
80 AA	# CU # CU # CU # CU	00000000000000000000000000000000000000	00	0 0	44 84 84 84 80 80	00 ÷ 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	0 C	1192.0	66
AMXHON-ENROSANUL. ANDO ENROSANUL.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	40 M 40 40 40 40 40 40 40 40 40 40 40 40 40	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		TERRE A A A A A A A A A A A A A A A A A A	**** ********************************			4 4 4 M O M M O M
# # # # # # # # # # # # # # # # # # #	4	00 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *	N IU 44 44 00 00	# # # # # # # # # # # # # # # # # # #	3 N &	# # # # # # O O O Q Q Q Q et al	00000000000000000000000000000000000000	* * * * O O O N N
- 40 -	# 000 # 04 % # 000 # 04 % # 000 # 04 %	0. UI 0. 0. 0. 0. 0. 0. 0.	2 N 2 C C C C C C C C C C C C C C C C C	4 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	M W W W W W W W W W W W W W W W W W W W	24.00 200 200 200 200	M M	2	M 4 44 000 4 8 8 8
2 8 8 2 8	**************************************	#### M #### #### #####	T.O. 000 M. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	HR OP 1134,00	0.01.00 0.00 0.00 0.00 0.00 0.00 0.00 0	E E E E E E E E E E E E E E E E E E E	## # # # # # # # # # # # # # # # # # #	TC C C C C C C C C C C C C C C C C C C	7. 0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.
10000		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 0 2 0 10 10 10 10 10 10 10 10 10 10 10 10 10	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	240 240 240 200 200 200 200 200 200 200	45 49.7	24 00 00 00 00	400 W	44 17°7 4 90 50°8 4 5674 4
Σ	t	A VIGODONA ALGODONA A PLOCONOINA A PLACE A PLA	CEDAR TALLS 1983CS ** OHNN AMED CEDAR ** NORTHERN STATES POWER CO **	MENOMONIE 1861C36 ** DUNN RED CEDAR ** NORTHERN STATES POWER CO **	DELLS 1907C3S EAU CLAIRE CHIPPENA ** CITY OF EAU CLAIRE **	PINE WP 146 FLORENCE PINE RIVER + MI - MI POWER CO	THOSNAPPLE WP148 FUSX FLAMBEAU AF FUSX LAKE SUPERIOR DIGT POWER AF	SUPERIOR FALLS DAM GOGEBIC MONTREAL RIVER LAKE SUPERIOR DIST PUR C *	WINCSOGGE & BLACK RIVER FALLS WINDORS & JACKSON BLACK S DRC I & CITY OF BLACK RIVER FALLS **********************************
ACTV DEP		A MINCGOORIGE A	WIINCGORDI *	K WOOOD WAR A K OO O	ETTACOGOUM	WIGNCCO217 # WIGNCCO217 # WIGNCO738 # # DRC I # # # # # # # # # # # # # # # # # #		# # # # # # # # # # # # # # # # # # #	# WINCSOGON # # WINCSOGON # # # WINCSOGON # # # # # # # # # # # # # # # # # # #

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,17

# ZDZ48	E M		m vi o	1001	9 20 31	1038	M M C	490	
			m 11 00	1001	1026	1033	N 10 0 1	* * * * * * * * * * * * * * * * * * *	1045
* F * MO OO		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00	1072 109.70 108.70	60	6 0	60	0 0	795.56
* * * * * * * * * * * * * * * * * * *		100000000000000000000000000000000000000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10000 17400 17400 17400 1744 1744		M M M M M M M M M M M M M M M M M M M		4 4 4 4	50 50 50 50 50 50 50 50 50 50 50 50 50 5
		200000 M78420 M7	4 4 6 6 0 0	* * * * * * * * * * * * * * * * * * *	00000000000000000000000000000000000000	4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		0000	10 00 00 00 00 00 00 00 00 00 00 00 00 0
ELOXE EXO PER EXO P		10 10 10 10 10 10 10 10 10 10 10 10 10 1	4 0 N 0 0 4 0 0 0 0 0 0 4 4 4 4 4	0.00 .00 .00 .00	**** OOO IN OO MIN OO	M 4410 W W 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	#### 000 ####	* * * * * * * * * * * * * * * * * * *	* * * # OO @ - M M M M M M M
***	* * * * *								
* T Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y		HCR OP #4902.4	8.00 % 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	70 90 80 80 80	HR 0.P 2200.0	2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.8 2.6 2.8 3.0 3.0	1949 1949	0.00 4W
# C		* 20g	2 400 .	7 2204.	00	1198	2672.	1949.0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
# # # # # # # # # # # # # # # # # # #	######################################	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	LLG MP185 * 45 R1.9 * MR HISCONSIN * 69 4 46,7 * OP INC * R269 * DP	5 20 a HR 9 40 7 a OP 1297 a 1198	210.6 # IR 941.1 # OP 2780 # OP	8 25.0 4 4 13 50 20 50 50 50 50 50 50 50 50 50 50 50 50 50	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.18 PAGE 281 OF TABLE 1

	_	A TATE OF	**************************************	1404 1404 1404 1404 1404 1404 1404 1404	AINC. ENERGY & MINGO AINC. ENERGY & MINGO AINC. ENERGY & MINGO AINC. ENERGY & MINGO AINC. ENERGY & MINGO	CANTES COST	A CARONOSIONA A GRACIONOSIONA A CARONOSIONA A CA
* * * * * * * * *	# # # # # # # # # # # # # # # # # # #	######################################	# 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	*000	* * * * * * * * * * * * * * * * * * *	* 0.00 * 0.00	**************************************
****	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	H H H H H H H H H H H H H H H H H H H	0 0 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11 00 00 00 00 00 00 00 00 00 00 00 00 0	1000000 100000 101000 101101 101101 101101	1350.1 98.94	# 10 M @ 10 M @ # # # # # # # # # # # # # # # # # #
****	45 16.7 88 11.9 554	## # # # # # # # # # # # # # # # # # #	446.00.0	7	VI VI 0 0 0 0 0 0 0 0 0 0 0 0	00	****
****	45 17 18 88 9 18 18 18 18 18 18 18 18 18 18 18 18 18		60 67 84 		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	c c	****
****	2.00 2.00 2.00 2.00 2.00 2.00	A + + + + + + + + + + + + + + + + + + +		844 846 1744 1744 1744 1744 1744 1744 1744 17	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	88 84 84 84 84 84 84 84 84 84 84 84 84 8	* 1044
* * * * *	45 45.0 1086	CARRENT MODE CO.	MW 44000	NU N		66	** 1010
****	45 7.1 87 45.6 1601	# HR # # OP # # # # # # # # # # # # # # # #	000 -00 -00 -00 -00 -00 -00 -00 -00 -00	M 11 11 00 00 00 00 00 00 00 00 00 00 00	60 60 57 57 60 60 57 57 60 60	00	
****	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	***** GTO ******************************	**** COO **** WM:**	1800 1800 1800 1880 1880 1880 1880 1880	10 40 40 40 40 40 40 40 40 40 40 40 40 40	6 C	2026
* * * *	44 52 68 9°0 70 70 70 70 70 70 70 70 70 70 70 70 70	### ##################################	M - W 04.0 04.0 000 ****	** * * * * * * * * * * * * * * * * * *	60 60 42 44 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	60	80000 00000

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.18 PAGE 282 OF TABLE 1

* 00724:		U1 00 00 00	66 66 66 66 66 66	1007	0 10 10 10 10 10 10 10 10 10 10 10 10 10	8 8 8 8 1 M O N	1057	0100	1070
	2	2002	1068	1001	1036	2012	1057	2010	1070
* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	00	00	90 00 60 6 60 6 60 6 60 80 8 60 80 8	****	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1009.6 40.188
A COPPA A C			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	20 14 40 40 40 40 40 40 40 40 40 40 40 40 40	**************************************	M M M M M M M M M M M M M M M M M M M	00 M W W W W W W W W W W W W W W W W W W	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10701 1000 1000 1000 1000 1000 1000 100
# # # # # # # # # # # # # # # # # # #		O 4 4 O 0 0 0 0 0 0 M M	2700 2700 2700	2700 2700	1998	000 000 m m	44 44 0000 0000 0000	4800 6617 11417	
* * * * * * * * * * * * * * * * * * *		NO N	# # # # # # # # # # # # # # # # # # #	******	0000 0000 0000	M	F-3-0 NOW -0-3-0 F-3-0 NOW	0000 M 00 M 00	00 4 00 4 00 4
A A A A A A A A A A A A A A A A A A A		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	795.0	NT	T X X X X X X X X X X X X X X X X X X X	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 H & & & & & & & & & & & & & & & & & &	T G	X 0. 4
**************************************	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	******* ***** **** **** **** ****	* * * * * * * * * * * * * * * * * * *	4 # # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
ACKASAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGA	A THE TRANSPORT OF THE TRANSPORT FOR THE TRANSPO	* MAINBOW RESERVOIR REPTS * ONETO THPROVEMENT CO	* RHINELANDER 1907C280 * ONETO* * RHINELANDER PAPER CO		* COMBINED LOCKS * OUTAGAMIE POX * CITY OF KAUKAUNA	A LITTLE CHUTE FOX A DAEN NCC	A DUTAGASTE FOX FOX DAEN NCC	* LOW KAUKAUNA * DUTAGAMIE FOX * KAUKAUNA FLECTIRC WATER	* MIDDLE APPLETON * GUTAGAMIE FOX * FOX RIVER PAPER CORR
# # # # # # # # # # # # # # # # # # #	REFERENCE OF THE SECOND OF THE	ELCYCSONSU ELOO14SI S DRC II	MINCSORS9 MIOO771	WIGNCCO261 WIOOBS2	WIGNECO254 WIO0777 1 DRC I	MENCCORSO MENOCATO ME	WIGNECO251 WIU0130	WIGNCCO256 WIOO778	WIGNCCORSS WIOO166 1 DRC D

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,16 PAGE 283 OF TABLE 1

* COST * FRAC PRONOMICS * COST & COST ON FRAC NONECONOMICS * COMPOSITION	25 25 11 12 12 12 12 12 12 12 12 12 12 12 12	1067	2016 2016	1002	* * * * OPPO				****
で * * * * * * * * * * * * * * * * * * *	***	*****	N * * * * *	<u> </u>	*****	* * * * * * * * * * * * * * * * * * *	N		* * * * *
		O O	868 82.996	e e	20 m m m m m m m m m m m m m m m m m m m	A 46 40 40 40 40 40 40 40 40 40 40 40 40 40	ÖO	00	Ģ o
OCOT) # CIRIL	* * * * * * * * * * * * * * * * * * * *		W	#### MO 00 11 11 11 11	TO CHARLO THE REAL PROPERTY OF THE PROPERTY OF		PERE	000 000 000 000 000 000 000 000 000 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
144 104 104 104 104 104 104 104 104 104	44 00000 4 00000 4 00000	* * * * * * * * * * * * * * * * * * *	12 00 00 00 00 00 00 00 00 00 00 00 00 00	11 44 44 44 44 44 44 44 44 44 44 44 44 4	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		4 4 6 6 0 0 0 0 0 0		6 6 0 60 0 60 0 60 0 60 0 60 0 60 0 60
ACTOR (ACTOR (AC	# # O O O O O O O O O O O O O O O O O O	N. 40. N. 40. N. 40. O. 0.	4 4	000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1027%0 1027%0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	12000 12000 10000 1000 1000	M. W. CO. CO. CO. CO. CO. CO. CO. CO. CO. CO	M - M O W W 0 0 0 0 0 0
6 6 6	######################################	T.C. C.S.C. S.C. S.C.C.	2.00 2.00 4.4.00 4.4.4.00	# # # # # # # # # # # # # # # # # # #	TA 0 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TO	X 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HR 00 44720 5.18	E 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
2500 E	* * * * * * * * * * * * * * * * * * *	4 0 4 0 4 0 6 0 8 4 0 8 4 0 8 6 0	44 16.7 88 16.1 6138	4 8 8 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	200 200 200 200 200 200 200	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 0864 4 4 0864
x	在本有本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本本	X O F	FOX	* * * * * * * * * * * * * * * * * * *	AX TALLS SAINT CROHX	NAW WINCONNIN * TED EATER POWERS *	A NHONCONNIN A NHONCONNIN A NHONCONNIN A NHONCONNIN A NHON DOREIT	LOVER PAPER CO	MISC & DIV WISCONSIN ** CONSIN ** CONSIN **
	X 2 2 4	A A A A A A A A A A A A A A A A A A A	UP KAUKAUNA DUTAGAMIE DAEN NCC	L APPLETON OUTTGAMIE DAEN NCC	SAINT CROIX POLK	DUBAY 2WP533 PORTAGE CONSOLIOATED	STEVENS P PORTAGE CONSOLIDA	WHITING.PLOVER Portage Whiting.plover	HISC R DIV PORTAGE CONSOLIDATI
ACTV DEP CODE CODE STATUS	K CO MO	MIGNCCOONS MIDOGNI	MIGNOCONGS AND THE COOODS	FIGNCCORSO ** KIUO129 ** 1 DRC I **	WINCSORSON WIOCORS WINCSORSON WIND ORC IN WAR	MINCGORTO A MINOSORO A		MIGNCSOUGH A MIGOTON A MIG	MINOCOURT WINDOOM STANDON STAN

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.18 PAGE 284 OF TABLE 1

. 00224			# # # # # # # # # # # # # # # # # # #	**************************************	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	
	6 4 5 5 6 4 5 5 6 5 6 5 6 5 6 5 6 5 6 5			2. C.	n 00 1	**************************************
# # # # # # # # # # # # # # # # # # #		00 0		* * * * * * * * * * * * * * * * * * *	0 99	© © 8
E C > > > > > > > > > > > > > > > > > >	* * * * * * * * * * * * * * * * * * *		# # # # # # # # # # # # # # # # # # #			# # # # # # # # # # # # # # # # # # #
				44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #
*****				in.	###### ON OOO ##	. 6. 60 # *
* C C C C S C C S C C C C C C C C C C C		A 9 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		CC		
# # # # # # # # # # # # # # # # # # #			* * * * * * * * * * * * * * * * * * *	ณ		* * * * * * * * * * * * * * * * * * *
REARCHARACACACACACACACACACACACACACACACACAC	**************************************	LAKE SUPERIOR DI FLAMBEAU 2WP683 RUSK DAIRYLAND POWER LADVSMITH	* ALAKE SUPERIOR DIGH POWER * ARPIN * SANCEA *	* * * * * * * * * * * * * * * * * * *	* SHAWAND PAPER MILLS * SHAWAND PAPER MILLS * UPPER SHAWAND MOLF RIVER * MAMAND MOLF RIVER	APPLE STORY
* X X C C C C C C C C C C C C C C C C C	**************************************	TI T	E HINGSONO E HINGSONO	-	MIGNOCOSTO WIGNOCOSTO WIGNOCOSTO	MINCSOSOS WINDOGST W DRC I

DATE 15 FER 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01.19.18

D
יים א אורותו
4M M4.1 44 91 13.9 4 4 64770 4
44 12°0 88 25°9 6040
24 25 20 24 24 25 26 25 26 26 26 26 26 26 26 26 26 26 26 26 26
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
44 44 44 44 44 44 44 44 44 44 44 44 44
44 00 00 00 00 00 00 00 00 00 00 00 00 0
#

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 01,19,19

A LATITUDE A PROCEDUATE A DAM MARANASARARARARARARARARARARARARARARARARAR		**************************************
######################################	* OLO OL * A * A * A * A * A * A * A * A * A * A * A * A * A * A * A * A * A * A	· · · · · · · · · · · · · · · · · · ·
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		# # # # # # # # # # # # # # # # # # #
# # # # # # # # # # # # # # # # # # #		-
4 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # # # # # # # # # # # # # # # # # #
**************************************		#
**************************************	## ## ## ## ## ## ## ## ## ## ## ## ##	4 C 100 A TR + C 1010 C A C C C C C C C C C C C C C C C C C
	* MIGNESON TARREST AND TARREST	
A PART PART PART PART PART PART PART PAR	**************************************	A MIGNICORNO A GANDONO RAPIDOS S MIGNICOTOS A VANTURITE PE S I DRC I S EI PUR GROV CONP



DEVELOPMENT 8 M A !! L Z H E O > X ADDITIONAL D N O STATE 0K CAPACITY OTENTIAL HYDROFLECTRAC <u>a</u>. 1 4 0 L 8 > H

w 1

Z

. L. C.		*** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** *** *** *** *** *** *** *** *** ** *** *** *** *** **		**************************************	*****	(SUM OF COLUMNS 2 AND 3 ID RANGE (MEGAWATT) RANGE (GIGAWATT-HOUR)
	**************************************	* *		r C	**************************************	UZI
* 10	**************************************	* * * * * * * * * * * * * * * * * * *				ES TO THE STATE OF
# # # # # # # # # # # # # # # # # # #	**************************************	#	* *O			ONEW TO POST T
* * * * * * * * * * * * * * * * * * *	* 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本 本				o	SCH OF STORY
*	X	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *		. WW - 1	X
* 3	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #			* m OOm
# # * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# 40 ml a 4 ml fl a 4 ml f	* * * * * * * * * * * * * * * * * * *	K & K & K & K & K & K & K & K & K & K &	# M M M	N C C C C C C C C C C C C C C C C C C C
**************************************	X X X X X X X X X X X X X X X X X X X	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *			**************************************
*	**************************************	* * * * * * * * * * * * * * * * * * * *	* 0-	* 40 (A) + *	* 4 -	* 4
***************************************	********* ********* ********* ******	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	**************************************
* * * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * COC *
* * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 4 * * * *	* NM * * N * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	*
* * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* ENT * DIG * DOC *
	# 0 # # # 0 # 6	# 0 4 0 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	* 0 * 1	* 00 * A	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *

F N H K d O ADDITIONAL > (5) (3) (4) (4) OK OK O Z POTENTIAL CAPACITY T W T S X H d HYDROELECTRIC

u.

STATE

I I

	* * 4 D -	****	****	***	**************************************	经存货证据	· · · · · · · · · · · · · · · · · · ·		1 1			,					
14 W H Z	***	*	N T T	3 1	4	1	3. E	E E		# 9# # 25	A TER T	k <2	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	********* TOTAL	4 4 7 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* *
LL + *	* * * * * * * * * * * * * * * * * * *	TX T	INCRA TOND TOND TOND TOND TOND TOND TOND TOND	M C M M M M M M M M M M M M M M M M M M	K C H _ +	* * * O · I · I · I · I · I · I · I · I · I ·	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* H W H W H W H W W H W W H W W H W W H W W H W H W W H W H W W W H W W W H W W W H W	* F F G F W W W W W W W W W W W W W W W W	* 5004	* * * * * * * * * * * * * * * * * * *	######################################	**************************************	EXH EXH EXH EXH EXH EXH EXH EXH EXH EXH	1000 1000 1000 1000 1000 1000 1000 100	* H G * H G * H G G G G G G G G G G G G
	**************************************	**************************************	###### #00 #	000	ויי מיו	000	90		000		* 000		* * * * * * * * * * * * * * * * * * *	* 10 00 * 4 00 00 * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *		# 15 N
0 # 1 #	* * * * * * * * * * * * * * * * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M					K • • •	2000	* 000	* 000	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	# 600 # 600 # 600 # 600	# # # # # # # # # # # # # # # # # # #	* * * * * * *	17.
0	**************************************	* * * * * * * * * * * * * * * * * * *	* ************************************		17	K • • •		* on 1	* * * * * * *	* * * .	* 000	* * * * * * * * OOO * * * * OOO * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* 000 * 000 * en * en * en * en	#	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
100	**************************************	* * * * * * * * * * * * * * * * * * *		**************************************		MOO		क्ष इ.स.च्या		* 4000 +	* M \$ = :	# 01 0 m ★	* NOW * NOW * * * * * * *	* CO CO X X X X X X X X X X X X X X X X X	* M H A A A A A A A A A A A A A A A A A A	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *
4 A L	**************************************	0 4 0 M 2 4 0 M	**************************************	* * * * * * * * * * * * * * * * * * *	20	# 0 0 6 • 20 • 40 • 10	K	K	* •∩:	* 400 c		* 000 * 000 * 000 * 000 * 000 * 000 * 000 * 000	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #
t	Mn 100	H H H H	ISTING PERCOPA	14080P0 14080P0 10 PUTE	K DEV	A STANTANT	* J D5 * * C C C C C C C C C C C C C C C C C	* W * O * CO *	# # Z > D O O O O O O O O O O O O O O O O O O	* * * * * * * * * * * * * * * * * * *	* 0.42 * HHU * HHU * HHU * HHU	* 100 x 100	* * * 1	* PO C S	*	* * * * * * * * * * * * * * * * * * *	# # M

DATE 14 FEB 81 NATIONAL HYORDELECTRIC POWER STUDY TIME 22,29,59

CHAPTER STORES OF STORES O	# M 00 4	ស្នាប់ ស្ត្រី 	6.63	## ## ## ## ## ## ## ## ## ## ## ## ##		1917			7 7 7 7 .
######################################	######################################		19 1979	1001		1917			
*******	***			2 5	<u> </u>	<u>.</u>		****	
* - 0	* 01.	6u		0 - 6 0	0	04	00	40	40
	# 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	24 gi 00 00 00 00 00 00 00 00 00 00 00 00 00	N N O O O O O O O O O O O O O O O O O O	296.8	4004 4004 7604 17604	N ON S		11554	798.96
*****	****	000	**** non	****	000	****	000	****	***
A CISE) A CISED A C	**************************************	•	400	80 H 80 00 W W 00 00 W W	0.0	000 000 000 000 000	4 4	830667	0 6 6 9 6 9 6 9 6
****	* 0 0 0 * 0 0 0	0.00	046	222	044	****	4444	000	
ANTO ANTO ANTO ANTO ANTO ANTO ANTO ANTO	# 000 m			13000 30000 00000	W W	80 00 00 00 00 00 00 00 00 00 00 00 00 0	6 6	8474WB	6- 6- (U 10)
*****	****	*****		000	****	****	0110	****	****
**************************************	# # # # # # # # # # # # # # # # # # #	4004 00004 00004	206 101100 1980 0 ***	14744 10404 10404 1040	10.00 10.00	M M M M M M M M M M M M M M M M M M M	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1078000 1078000	180 180 190 190 190 190 190
# E G O	****		****	****	4 * * * *	****	***	****	* * * * *
		_	-	_					
* * * * * * * * * * * * * * * * * * *	# # ### # # # # # # # # # # # # # # # #	13 18 100.0	11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ICHR DP 1346	10 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x 0 x	11 0 6 0 8 0 9 0	H () F (F) P	# # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
**********	* 90 0 1	H # # # #	1068	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	м о	****	* * * *
**********	* C * C	⊶ €5	100 B	THE	. ap	80 8	M O B B B B B B B B B B B B B B B B B B	α 1 6 9 1	# # # # # # # # # # # # # # # # # # #
######################################	本名名名名名名名名名名名名名名名名名名名名名名名名名名名名名名名名	X	M * 100 M * 1110 M * 100 M M * 100 M M M M M M M M M M M M M M M M M M	W 25.0 * MCHR 06.10.6 * DP 7700 * 1W46	# 43 12.6 # ICR # 109 2.6 # DP # 28	3 11.8 # IR 08 49.8 # OP 2000 # #802	A 109 47 07 07 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# 43 10.0 # HIR # 110 56.0 # 18 # 3486 # 491	# # # # # # # # # # # # # # # # # # #
######################################	#####################################	TX X X X X X X X X X X X X X X X X X X	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 4W 25s,0 * ICIR # 108 10s,6 # DF # 7700 # 1846	CAR 4 100 6 4 1CR CAR 4 109 20 4 09 628	* 4 4 4 11 . 8 * 17 CF* 108 45 . 8 * 17 F * 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	A	* 44% 10.00 * HIR * 110 56.0 * 16 * 110 46.0 * 16 * 491	* * * * * * * * * * * * * * * * * * *
######################################	#####################################	CARRES 4.4. 6.5. 5. 4.4. 6.5. 5. 4.4. 6.5. 5. 4.4. 6.5. 5. 4.4. 6.5. 5. 4.4. 6.5. 5. 4.4. 6.5. 5. 4.4. 6.5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# 44 25.0 * ICHR RIVER * 108.10.6 * DF * 7700 * 1346	CAR 4 100 6 4 1CR CAR 4 109 20 4 09 628	* 4 4 4 11 . 8 * 17 CF* 108 45 . 8 * 17 F * 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	POPD As 109 109 1 8 9 9 8 9 9 8 9 9 8 9 9 8 9 9 8 9	# 43 10.0 # HIR RIVER # 110 58.0 # 18 # 3486 # 491	* * * * * * * * * * * * * * * * * * *
######################################	#####################################	AVERY CREEK # 107 7-55 # 104	# 42 9.4 # 1HR # 42 9.4 # 1HR # 106 54.4 # DF # 11189 # 1068	1ND RIVER # 108 10.6 # DP 7700 # 1346	CAR 4 100 6 4 1CR CAR 4 109 20 4 09 628	* 4 4 4 11 . 8 * 17 CF* 108 45 . 8 * 17 F * 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	POPD As 109 109 1 8 9 9 8 9 9 8 9 9 8 9 9 8 9 9 8 9	# 43 10.0 # HIR RIVER # 110 58.0 # 18 # 3486 # 491	* * * * * * * * * * * * * * * * * * *
######################################	#####################################	AVERY CREEK # 107 7-55 # 104	# 42 9.4 # 1HR # 42 9.4 # 1HR # 106 54.4 # DF # 11189 # 1068	1ND RIVER # 108 10.6 # DP 7700 # 1346	# 43 12.6 # ICR # 109 2.6 # DP # 28	* 4 4 4 11 . 8 * 17 CF* 108 45 . 8 * 17 F * 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	REG N FORD A 109 1.8 A 109 A 699 A 6	* 44% 10.00 * HIR * 110 56.0 * 16 * 110 46.0 * 16 * 491	* * * * * * * * * * * * * * * * * * *
######################################	#####################################	AVERY CREEK # 107 7-55 # 104	# 42 9.4 # 1HR # 42 9.4 # 1HR # 106 54.4 # DF # 11189 # 1068	# 44 25.0 * ICHR #IND RIVER # 108 10.6 # DP # 7700 # 1346	# 43 12.6 # ICR # 43 12.6 # ICR BULL LAKE CRE# 109 2.4 # OF # 210 # *28	A PESCENCOIN	* # # # # # # # # # # # # # # # # # # #	# 43 10.0 # HIR RIVER # 110 58.0 # 18 # 3486 # 491	* * * * * * * * * * * * * * * * * * *
######################################	A CARTA A CARTA A CARTA	RESERVOIR TO A 11 6 11 4 CLI A	ARGERVOIR * 422 9.44 * 1HR NOWTH PLATE * 106 54.44 * DP * 11189 * 1068	RESERVOIR # 43 25.0 * ICHR * 106 10.6 * DP BR * 7700 * 1346	# 43 12.6 # ICR # 43 12.6 # ICR # 109 2.4 # DP # 210 # *28	# 43 11.0 # IR # 12 11.0 # IR # 10.0 # 15.0	* # # # # # # # # # # # # # # # # # # #	STAKE RIVER & 110 USB O S IS U406 & 100 USB O S IS	* * * * * * * * * * * * * * * * * * *
ATTACACACACACACACACACACACACACACACACACAC	AKARAKKARAKARAKAKAKAKAKAKAKAKAKAKAKAKAK	SAVERY RESERVOIR A 41 6-51 A CI CARBON SAVERY CREEK A 107 7-55 A 109 A	SEMINOE RESERVOIR A 42 9.4 P 1HR CARSON NORTH PLATTE # 106 54 4 DP DOI 1088	BOYSEN RESERVOIR # 43 25.0 * ICHR FREMONT WIND RIVER # 106 10.6 * DF DOI USBR 1346	BULL LAKE # 43 12.6 * ICR FREMONT BULL LAKE CRE* 109 2.4 * OP DOI USBR * 210 * *28	PILLOT BUTTE RESERVOIR # 43 11.8 # IR FREMONT WIND RIVER OF 108 45.2 # OP DOI USBR # 880.2	SHOSHONE LAKE RES * 42 47 * 7 * 1 P FREMONT N FORK POPO A* 109 1 * 8 P SHOSHONE LAKE RES CO * 9 * 899	ALPTNE ALPTNE A 43 10.0 A HIR LINCOLN SNAKE RIVER A 110 56.0 & 16 A 4466 & 491.	* * * * * * * * * * * * * * * * * * *
ATTACACACACACACACACACACACACACACACACACAC	ARRANGER ARR	A SAVERY RESERVOID BAVERY CREEK * 107 7 18 190 A	A ACMANDE RESERVOIR A 40 9.4 A 1HR A CARSON NORTH PLATTE A 106 54.4 A DP A DOI 108R	A GOVERN RESERVOIR A LW RS.O & ICHR THREADNY BIND RIVER A 108 10.6 & DT A DOI USBR A 1146	* BULL LAKE * 1CR * 12.6 * ICR * FREMONT BULL LAKE CRE* 109 2.4 * DP * DOI USBR * 210 * * 228	* PILOT BUTTE RESERVOIR * 443 11.6 * IR * FREMONT WIND RIVER OF 100 455.2 * OP * DOI USBR * 6002	* CHOSHONE LAKE REG CO A* 109 1. R T T T T T T T T T T T T T T T T T T	A ALPINE A AUSTON A HIR A LINCOLN SNAKE RIVER A 110 56.0 A 16 A 146.0 A 16 A 146.0 A 16 A 16.0 A 16.	* * * * * * * * * * * * * * * * * * *
ATTACACACACACACACACACACACACACACACACACAC	ARRANGER ARR	A SAVERY RESERVOID BAVERY CREEK * 107 7 18 190 A	A ACMANDE RESERVOIR A 40 9.4 A 1HR A CARSON NORTH PLATTE A 106 54.4 A DP A DOI 108R	A GOVERN RESERVOIR A LW RS.O & ICHR THREADNY BIND RIVER A 108 10.6 & DT A DOI USBR A 1146	* BULL LAKE * 1CR * 12.6 * ICR * FREMONT BULL LAKE CRE* 109 2.4 * DP * DOI USBR * 210 * * 228	* PILOT BUTTE RESERVOIR * 443 11.6 * IR * FREMONT WIND RIVER OF 100 455.2 * OP * DOI USBR * 6002	* CHOSHONE LAKE REG CO A* 109 1. R T T T T T T T T T T T T T T T T T T	A ALPINE A AUSTON A HIR A LINCOLN SNAKE RIVER A 110 56.0 A 16 A 146.0 A 16 A 146.0 A 16 A 16.0 A 16.	* * * * * * * * * * * * * * * * * * *
ATTACACACACACACACACACACACACACACACACACAC	AKARAKKARAKARAKAKAKAKAKAKAKAKAKAKAKAKAK	23.2 * SAVERY RESERVOIR * * 41. 6-55 * CARBON SAVERY CREEK * 107 7-55 * 109 * 109 * 1 * 109 * 10	MANOR SEMINOR RESERVOIR A 420 49.4 B LIND 94 F CARSON NORTH PLATTE & 106 54.4 F OP 106 B CARSON NORTH PLATTE & 106 14.4 F OP 106 14 F OP 1	* ANDYSEN RESERVOIR * 448 RS.O * ICHR * FREMONT WIND RIVER * 106 10.6 * DP * DOI USBR * 1700 * 1346	* 43 12.6 * 1CR * 43 12.6 * 1CR * FREMONT BULL LAKE CRE* 109 2.4 * OP * DOI USBR * 210 * *28	PILLOT BUTTE RESERVOIR # 43 11.8 # IR FREMONT WIND RIVER OF 108 45.2 # OP DOI USBR # 880.2	A SHOSHONE LAKE REG A 40 47°7 A 1 P A FREMONT N FORK POPO A 109 1°8 A OP A SHOSHONE LAKE REG CO A 90 A 1994	A ALPINE A ALPINE A LINCOLN SNAKE RIVER A 110 556 O 8 16 A M456 A 491	A BOCO - SPRING CREEK A 400 309.00 A 1.10 309.00 A 1.10 309.00 A 1.10 309.00 A 4 6 6 800 A 1.10 309.00 A 4 6 800 A 1.10 309.00 A 1.10

DATE 14 FEB 81 NATIONAL MYDROELECTRIC POWER STUDY TIME 22,29,59

ADTIONOS A CONTRACT ORDER AND	を受ける。 を を を を を を を を を を を を を を を を を を を	****	***	****	***		****		****
2	* 0 0 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4024.1	1067.1 127.30	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6524.5 77.818	71. 84	85.98 6.80 0.00	16256	50 50 50 50 50 50 50 50 50 50 50 50 50 5
######################################		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			00 00 00 00 00 00 00 00 00 00 00 00 00	100 140 140 140 140 140 140 140 140 140	000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 4 4 0 0 4 0 0 4 4 4 4
**************************************	「日本 日本 日本 日本 日本 日本 日本 日本 日日 日本 日日 日本 日本 日	0 0 0 0 0 0 0 0 0	C		74176	使養養養 OMM NRC HOM	* * * * *	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2
AN TO		64410 64410 64410 64410 64410 64410 64410	1 M M M M M M M M M M M M M M M M M M M	16600 406000 881.7	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	OND OND OND OND OND OND OND	* * * * * O O B O D O D		* * * * * * * * * * * * * * * * * * *
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	# # # # # O # O # D I H	# # # # # # # # # # # # # # # # # # #	2 H & C & C & C & C & C & C & C & C & C &	* * * * *	00 00 00 00 00 00 00 00 00 00 00 00 00	* * * * * * * * * * * * * * * * * * *	2. A A A A A A A A A A A A A A A A A A A	* * C * S C C T * S C C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C T * S C C C T * S C C C T * S C C C T * S C C C T * S C C C T * S C C C C T * S C C C C C C C C C C C C C C C C C C
CONSTANT CON	## ## ## ## ## ## ## ## ## ## ## ## ##	42 41.0 110 110 110 110 110 110 110 110 110	42 40.0 42 411 1.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	24.000000000000000000000000000000000000	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	21.2 11.0 11.0 10.0 10.0 10.0 10.0 10.0	110 4 110 4 110 0 100 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	21.0 M. 1.0 M. 10.0 M.
x	**************************************	68 9ALT R1VER OFF **	A A BND GALTA	**************************************	6 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	STORY CREATER	SHIFT CREEK AND L CO.	A A A A A A A A A A A A A A A A A A A	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* THE DID NO * PRIMARY CO. INAME * ACTY DEP * DRIMARY CO. INAME OF STREA * ACTY DEP * DRIMARY CO. INAME * CODE * OINER * STATUS *	MANAWANANANANANANANANANANANANANANANANANA	COTTONWOOD LAKES LINCOLN SALT	CROW CREEK LINCOLN DOI USBR	ELBUW	FINE CREEK	KEMMER NO 1 RESTINCTIN	LOWER AFTON LINCOLN LOWER VALLEY P	NAPROFIN	A YONDEOLOG & PORCUPINM CRMMK A XYONOO7 & PUNCOLN M CRMMK A XYUOOO7 & LINCOLN M CRMMK M ON
TATE TO NO * ACT COOR COOR * ATTENTO OF THE COOR STATE TO THE COOR		MYTUPEOSOGN WAYNUOSON N	WY6NPWOSOS * WYUOO61 * WYUOO61 * WY	MY6NPWO492 WYUODOR N DRC I	* * * * * * * * * * * * * * * * * * *	EYCOPKOOUS EX	WYNNPWO4099 W WYUOO11 W W DRC I W	WY6NPWOSO4 WYUOO60 WY DRC I WY	# WY6 NPWO496 # WYU0007 # WYU0007 # W

DATE 14 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 22,29,39

### PRINCECT NAME ####################################	AEXION-ENTROPARTE COG1 + MARC NOTATION AS A LINC ENTROPE COG1 + MARC NOTATION AS A LINC COMPONENT A CAST NOTATION A NOTATION COMPONENT A CAST	######################################	17 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	102167 # 0 # 102167 # 0 # 102167 # 102167 # # # # # # # # # # # # # # # # # # #	24922
PRIMER OF STREAM * LONGITUDE * PROJUEDEP * DAM HIT PRODUCT NAME OF STREAM * LONGITUDE * STATUS * KAK, STOR * LONGITUDE * STATUS * LONGITUDE * LONGITUDE * STATUS * LONGITUDE * LONGITUD		* * * * * * * * * * * * * * * * * * * *		######################################	******	44460000000000000000000000000000000000
PRIMARY CO. SNAME OF STREAM ALONGITUDE ENDINGER ALCATTUDE ENDER ALCATTUDE ENDINGER ALCOTTUDE ENDINGER ALCATTUDE ENDINGER ALCOTTUDE ENDINGER ENDIN	****** ***** (***** (***** (***** (***** (***** (***** (***** (***** (***** (***** (**** (**** (**** (**** (*** (**** (*	4			(有有有有有有有有 (有有有有有有有 ()) () () () () () () () () () () () ()	
PRIJECT NAME PROJECT NAME PROJECT NAME PROJECT NAME CO. STREAM SOULAN FLAT LINCOLN CINCOLN CIN	AND THAND ON	# # # # # # # # # # # # # # # # # # #	24 24 24 24 24 24 24 24 24 24 24 24 24 2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	100 400 400 400 400 400 400 400 400 400	42 28 0 4 11 14670 4 10 10 10 10 10 10 10 10 10 10 10 10 10
*****************	Σ	TEARTH TO THE TRANSPORT OF THE TRANSPOR	3	SHIFT CREEK THEND CO HANS FILIGHT CO HANS FORK	VA RESERVOIR ONA NORTH PLATTE ** USBR REEF RESERVOIR USBR	PATHFINDER RESERVOIR NATRONA DOI USBR BUFFALO BILL

DATE 14 FEB 81 NATIONAL HYDROELECTRIC ROWER STUDY TIME 22,30,00

ACTV ID NO CODE CODE **	* * * * * *		## 4 # # # # # # # # # # # # # # # # #	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		P		NERGY COSTA (1000 S) A (S/MMH) A	FRC ECONORIC FRC NONECONO FRC COMPOS (WEDUENCE RANK (WEDUENCE RANK
WYIMRDOSSI WYIMRDOSSI W DRA II W	ARRAMANANANANANANANANANANANANANANANANANA	**************************************	**************************************		* * * * * * * * * * * * * * * * * * *		4 4 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	***************************************
EYIMRDOUGG WYOINGI WCDINGI	# GLENDO RESERVOIR * PLATTE * DOI USBR	DIR NORTH PLATTE	* * * * * * * * * * * * * * * * * * *	10 TR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11.00.00.00.00.00.00.00.00.00.00.00.00.0	M IV 80 440 0444 0044 0064	900000	2652 72,116	** 1961 ** 1981
WYIMRQOSSY WYOIR93 W DRC I W	A GUERNOSTY PLATTE DOI USSR	NORTH PLATTE	104 45° 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IHR DP *1710.8*	4 + + + +	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		20 C C C C C C C C C C C C C C C C C C C	** 1965 1965 ** 1965 ** 1965
WYCSPKO939 WYC1195 WYC195 WYC1195 WYC1195 WYC1195 WYC1195 WYC195 WYC1195 WYC1195 WYC195 WYC	* BOULDER LAKE R * SUBLETTE * BOULDER IRR DI	ES BOULDER CREEK	109 50 1 109 40° 1	## DRF ## # # # # # # # # # # # # # # # # #	M A M C O M	O 87 80 - 04 0 -		40 - 04 - 07 - 07 - 07 - 07 - 07 - 07 -	o m
EYSSPKO936 EYUDO88 EYUDO88	* BURNT LAKE * SUBLETTE	FALL CREEK	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	H # # # # # # # # # # # # # # # # # # #	**** 0000* 000* 000*	000	****	00	
WYTSPK0937 WYU0089 S DRC D	* KENDALL * SUBLETTE	2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	* * * * * * * * * * * * * * * * * * *	T	W * * * *	4 4 2 4 2 4 0 6 0	2170 2170 2170 2170 2170 2170 2170	10 di 61 m 62 m 63 c	
E WOODEN	* NEW FORK LAKE * SUBLETTE * NEW FORK LAKE	LAKE RES W FORK NEW FO.	4 109 138 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	H 000	4 4 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 6 6	* * * * * * * * * * * * * * * * * * *	00 00 00 00 00 00 00 00 00 00 00 00 00	****
WYHSPKOGES WYOSOOO S	PINEDALE POWER SUBLETTE	POWER PLANT PINE CREEK PWR AND LIGHT C	4 4 6 6 5 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * * * * * * * *	* * * * * O O O ®	an oun		00	•
MYCSPK0946 WY01387 S DRC X	* WYCSPKOG46 * BIG SANDY RESERVOIR * WYO1387 * SWEETWATER BIG SANDY CA * S DRC * US * WPRS	W.	# 42 14 8 * * * * * * * * * * * * * * * * * *	## # 0000 ##	84 44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.	444	6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	***

DATE 15 PEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 00.55.43 PAGE 324 OF TABLE 1

A * * * * CODE CODE STEEL CODE ST	MAN MAN MAN MAN MAN MAN MAN MAN MAN MAN	*	2000	84 4 4 4 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	A S S S S S S S S S S S S S S S S S S S	0 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -	TINCO TO		THE CANAGE OF TH
A YOUNG THE A A YOUNG THE A YO	* * * * * * * * * * * * * * * * * * *	**************************************	* * * * * * * * * * * * * * * * * * *	# # # # # # # # # # # # # # # # # # #	**************************************	* 0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	保存を存在を存在を存在を
MYSNPWOSWS WYLLOO7S	A BARLOW PEAK TETON	X C C C C C C C C C	110 24.9	0 mm	* * * * *	000	Control Minin Global Gl	00 00 00 00 00 00 00 00 00 00 00 00 00	
WYSNPEOS32 WYUOO74	A DA	SNAKE RIVER	110 29.2	11 00 00 00 00 00 00 00 00 00 00 00 00 0	6 000 00 00 00 00 00 00 00 00 00 00 00 0	440	00 00 10 10 10 10 10 10 10 10 10 10 10 1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
WYSNPWOS12 WYU0014 S DRC I	BEAR CUS PASS	BUFFALO FORK	110 130.9 110 13.9 12.6	TH SON		an Nic Nic Sec Nic		20 C	
WYTNPWOSIO WYUOOLO	BECHLER MEADOWS	FALLS	44 111 0.00 100 100 100 100 100 100 100 10	TH	00000000000000000000000000000000000000	OF P PIM OO PIM	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	·.
WYZNPWOS14 WYUOO16 WOOO16	BLACK ROCK TETON	BUFFALG FORK	110 k9.9	T T T T T T T T T T T T T T T T T T T	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	66 64 64 64 64 64 64 64 64 64	44 84 84 84 84 84 84	
MYENPHOSAW WYUOO63 WYUOO63	CAMP DAVIS	HUBACK RIVER	110 41 01 18 W	11 80 0 84 V	0000	2 0 0 0 0 0 0		N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
MYSNPWOSS22	COLONADE	BECHLER RIVER*	110 US 00 00 00 00 00 00 00 00 00 00 00 00 00	I H	* * * * * * * * * * * * * * * * * * *	4.4 O.0 O.0	****	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
WYLOSOG WAYNDOOG WAYNDOOG WAYNDOOG WAYNDOOG WAYND WAND WANND	FEAG RANCH	* WYCHDWOSOG * FLAG RANCH * WYLDOOG4 * TETON * SNAKE RIVER *	44 410 410 410 410 410 410 410 410 410 4	ж ж ж о ч	* * * * O O O O O O O O O O O O O O O O	27871		00 00 00 00 00 00 00 00 00 00 00 00 00	

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 00.55.43 PAGE 325 OF TABLE 1

######################################	化催收物理 医甲状腺 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	***			***	***	***	***	
# F 00 00 00 00 00 00 00 00 00 00 00 00 0	# # → M # → 60	in e	2 N	28	9.0		P- P-	- 0 - 0 - 0	4 60 4 4 60 4
# # B B B B B B B B B B B B B B B B B B	* ************************************	10. 10. 10. 10. 10.	36.17	7 4 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N 44		80	101 W 101	75.46
* * * * * * * * * * * * * * * * * * *		44 OND *****	000		0 mm	000	6940	OWN.	0444
#WHEN THE FEBRUARY STREET STRE		वय	1102909	44 77 77 98 80	40 40	2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	N N	in in	
TF - 1		000	* * * * * * * * * * * * * * * * * * *	000	000		омы • • • • • •	4 4 0 0 0 4 4 4 6 6	**************************************
まひひくへへへ			4137	200	ं सं	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	9.5	44	2 C C C C C C C C C C C C C C C C C C C
	****	****	000	004	****		004	* * * * * * * * * * * * * * * * * * *	000
A VELL OF THE STATE OF THE STAT	100 0 100 0 100 0 100 0 100 0	0.00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	4 4 4 0 10 0 10 0 10 0 10 0 10 0 10 0 1	# # # # # # # # # # # # # # # # # # #	44 Nr 04 0-	07 1	O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
******* *** G (**** **** G (**** **** G (**** **** G (****) **** G (****) **** G (****)		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * 0 * 000 P		# # # # # # #	U 4		4 4 4 5 4	\$0 # 0 # 0 #
***	. 60	ο.	ຫ ຼີ	10 0 10 0 10 0	6 3	I H	I H	ூற	Ø) #
* 0.		H 6	IH.	- 7 H O	## H			x ↔	X H #
	* * * * * *	# * * * # O O	****	* * * * *	****	****	* * * * *	* * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *
		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M	10 13 18 9 4 4 18 18 18 18 18 18 18 18 18 18 18 18 18	M	20 00 00 00 00 00 00 00 00 00 00 00 00 0	# # # # # # # # # # # # # # # # # # #	****	を
**********	T TOOMS OF A CONT A CON	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	* * * * *	# # # # # # # # # # # # # # # # # # #	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00 00 00 00 00 00 00 00 00 00 00 00 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	**************************************
######################################	T T ONNY OT A CU	FK * * 110 49° 0 * * * * 10 49° 0 * * * * 10 49° 0 * * * * * * * * * * * * * * * * * *	7 4 40 24.00 4 4 110 45.00 4 4 110 45.00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	######################################	20 00 00 00 00 00 00 00 00 00 00 00 00 0	2 4 2 2 7 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Z #
######################################	T T ONNY OT A CU	CREEK * 110 49*0 * *	# 4W 24c0 + 110 45c0 +	# 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	######################################	* * * * * * * * * * * * * * * * * * *	443 272 VENTRE R* 110 9°0 *	A V V V V V V V V V V V V V V V V V V V	Z #
######################################	T T ONNY OT A CU	FK * * 110 49° 0 * * * * 10 49° 0 * * * * 10 49° 0 * * * * * * * * * * * * * * * * * *	7 4 40 24.00 4 4 110 45.00 4 4 110 45.00 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	# # # # # # # # # # # # # # # # # # #	20 00 00 00 00 00 00 00 00 00 00 00 00 0	2 4 2 2 7 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Z #
######################################	T T ONNY OT A CU	678 A 68 Y CREEK * 110 49 0 4 10 4 10 4 10 4 10 4 10 4 10	SNAKE RIVER OF 110 4550 A M	A CANANG TAIVER A SAU SAU SAU SAU SAU SAU SAU SAU SAU S	# 6° M	100ACK	6700 VENTAR R# 110 9°0 #	A CERIOR RIVERS A A CONSTRUCTION OF A A CONSTRUCTION OF A A CONSTRUCTION OF A A CONSTRUCTION OF A A A A A A A A A A A A A A A A A A	Z #
######################################	######################################	LAKE GRASSY CREEK * 110 49°0 * BR * 10 49°0 * 10 * 10 * 10 * 10 * 10 * 10 * 10 *	SNAKE RIVER OF 110 4550 A M	A CANANG TAIVER A SAU SAU SAU SAU SAU SAU SAU SAU SAU S	# 6° M	TANCH TOBACK * 430 004 0 4 430 004 4 400 004 4 400 004 4 400 004 4 400 004 4 400 004 4 400 004 4	CREEK SKIG VENTUR RY 110 900 #	TAKE TESTS RIVER & 44 10.00 & 4	Z #
######################################	T 0 000 t t LO 000 t t CO 000 t	678 A 68 Y CREEK * 110 49 0 4 10 4 10 4 10 4 10 4 10 4 10	# 4W 2400 4 H	CAKE SNAKE RIVER # 110 WW.9 # 110 WW.9 # 110 WW.9 # 110 WW.9 # 1077 # 1077 # # 1077 # #	######################################	100ACK	6700 VENTAR R# 110 9°0 #	A CERIOR RIVERS A A CONSTRUCTION OF A A CONSTRUCTION OF A A CONSTRUCTION OF A A CONSTRUCTION OF A A A A A A A A A A A A A A A A A A	Z #
######################################	THE COUNTY TO COUNTY TO STAND THE ST	* GRASSY LAKE STASSY CREEK * 110 49°0 * * DOI US BR * 10 49°0 * * 10 49°0 * * 10 49°0 * * 10 49°0 * * 10 49°0 * * 10 49°0 * * 10 49°0 * * 10 49°0 * * 10 49°0 * * 10 49°0 * * 10 49°0 * * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 40°0 * 10 4	A CACKSON HOLE SNAKE RIVER OF 110 49,00 4 H TETON SNAKE RIVER OF 110 49,00 4 A ZIOO 4 A A A X	A 43 51.9 A A TETTN SNAKE RIVER A 110 508.9 A A TETTN SNAKE RIVER A 110 508.9 A A SUFL A SUFL A A SUFL A A SUFL A A SUFL A A A SUFFI A SUFL A SUFL A A SUFL A SU	A AM SIA-9 A AM SIA-9 A A AM SIA-9 A A AM SIA-9 A A A AM SIA-9 A A A AM SIA-9 A A A A A A A A A A A A A A A A A A	TENTER RANCH TOBACK TO TO THE TOTAL TO THE THE TOTAL TOT	A KINKY CREEK A 43 27 2 2 4 4 4 10 4 10 4 10 4 10 4 10 4 10 4	THEFT OF TAKE LETTS RIVER # 110 WG. # 44 16.9 # 44 16.9 # 44 16.9 # 4 10 WG. # 110 WG. # 147 X X X X X X X X X X X X X X X X X X X	Z #
**************************************	T OUNTY TOUR THE STANDARD STAN	GRASSY LAKE * 444 7.6 * TETON GRASSY CREEK * 110 49.0 * 10 1 001 US BR * 10 * 10 *	A CACKSON HOLE SNAKE RIVER OF 110 49,00 4 H TETON SNAKE RIVER OF 110 49,00 4 A ZIOO 4 A A A X	A TACKSON LAKE STACKS A 43 51.9 A TATON SNAKE RIVER A 110 458.9 A TOT USBR	# 40 CREEK # 43 510 9 # # 1ETON NORTH FORK BUS 110 135 9 # # 40 # 40 # # 40 # # 40 # # 40 # #	TANCH TOBACK * 430 004 0 4 430 004 4 400 004 4 400 004 4 400 004 4 400 004 4 400 004 4 400 004 4	THINKY CREEK # 43 27 2 4 4 4 2 27 2 4 4 4 4 4 4 4 4 4 4 4	TENTS LAKE TENTS RIVER + 110 30.00 + 1	KORAN DAY KORAN CANYON HELON

DATE 15 FEB 81 NATIONAL HYDROELECTRIC POWER STUDY TIME 00,55.43 PAGE 326 OF TABLE 1

TARBET STANDARD STAND	在在 电电子 化二苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基苯基	* * * * * *		张 我 位 舍 也 ·	* * * * * * *	*****	* * * * * *	****	
* C C C C C C C C C C C C C C C C C C C	· · · · · · · · · · · · · · · · · · ·	* * * * * *	***	***	****	****	****	****	****
TRU AT	**************************************	287 - 11 11 - 59	M 44 M 44 M 61 M 61 M 61 M 61 M 61 M 61 M 61 M 61	437,16	1073.8 50.479	786.24 8.600	44 44 44 44 44 44	(i) (i)	6487.2 911.82
A CAELD A A CAELD A A CAELD A	**************************************	10 M M M M M M M M M M M M M M M M M M M	66 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		M	O IO		* * * * *	7. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.
# # W W W W W W W W W W W W W W W W W W	# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	60 60 50 30 C) 54 54	24178	440	10000 10000 10000	N W 44 64 64	11 -1 000 000	C III III 00 00 III III	O Proposition of the control of the
# # # # # # # # # # # # # # # # # # #	# # # # # # # # # # # # # # # # # # #	10 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2000 2000 2000 2000 2000		1	0.00 M	24 0 0 0 0 0 0 0 0 0 0	0.00 P	M M M M M M M M M M M M M M M M M M M
# 1	を	## # # # # 0 77 50 H	3 4 4 C	# # # # # # # # # # # # # # # # # # #	** ** O ** O ** **	2H 00-04 4 + + + + +	TH 000	T T T T T T T T T T T T T T T T T T T	II 80 0 0 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1
# 4		44 W 44	40 17 110 W 4 10 11 11 11 11 11 11 11 11 11 11 11 11	110 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	24 44 44 44 44 44 44 44 44 44 44 44 44 4	M	4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.	4 W 4 W W W W W W W W W W W W W W W W W	110 16 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
* E	*	DEATH OPEN GRAS	HOBACK RIVER	SNAKE RIVER	GROS VENTAR	GROS VENTRE	SPREAD CREEK **	C TETON CREEK **	# 000 VENTAR # #
10	NOW IN CREEK FLAT CREEK	PHELPS LAKE TETON	RAMSHORN	RED CREEK TETON	RED HILLS TETON	SLIDE LAKE Teton	SPREAD CREEK Teton	TETON CREEK C.C.	A MYTNPMOSIS & UPPER COTTONWOOD * MYUOOII & TETON 6 NO L & TETON * MYNOOII & TETON
######################################	# # WONDENDER # # # WONDENDER # # # # # # # # # # # # # # # # # # #	THE WANDERSONS THE WA	A WACANDEOUNO A	A WYGNPHOSH A WYGOOTW A WYGOOTW A W WYGOOTW A W W W W W W W W W W W W W W W W W W	A WYSNPHOS16 A WYSNPHOS16 A WYUOO18 A WATER WATE	* WYUNDEOSI7 * WYUOO19 * W	* WYGNPEOSIS * * WYGNPEOSIS W * WYGOOLS IS * * * * * * * * * * * * * * * * * *	* WY6NPWOSD1 * * WY6NPWOSD1 * * * WYUOOUY * * * * * * * * * * * * * * * * * * *	A VANDWONG A A WAYNOW WAYN W WAYNOW W A A WAYNAWA A A A A A A A A A A A A A A A A A A

DATE 15 PEB B1 NATIONAL HYDROELECTRIC POWER STUDY TIME 00,555,44

* * * * * * * * * * * * * * * * * * *	4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	****	* * * * *
ERAC BOOKERS BE	实验证和 有	ณี	**************************************
***************************************	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		**
*** * * * * * * * * * * * * * * * * *	* * * * *	****	****
######################################		이 씨 작 . *	651.01 651.01 651.01
ARXION, ENGRAPH ARABABABABABABABABABABABABABABABABABABA		44 # # # # # # # # # # # # # # # # # #	* * * * * * * * * * * * * * * * * * *
****************	****	***	* * * * *
A LONGITUDE A DATA A PARA A PA		ତ ଲ କ ପାରୀ ଆମ ଆପ	《
* * * * * * * * * * * * * * * * * * * *		000	* * * * * * * * * * * * * * * * * * *
A K A K A K A K A K A K A K A K A K A K	0000 0000 0000 0000	1882 1887 1898 1898	
*******	* * * *	*****	* * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * *		10R 161.0	0 1 4 4 0 0 1 4 4 0 0 0 0 0 0 0 0 0 0 0
在	****	****	* * * * * * * * * * * * * * * * * * *
4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 * 4 *	PACIFIC CREEK* 110 26.0	* * * * * * * * * * * * * * * * * * *	# 10 0 M
ar 3" 4	: EN : M; : X : * * * *	<u>or</u>	****
* tui * 22 * 1-	* 02 * 0	# 0 #	CO ***
4	* UT * FT * T * T * T	* MEEKS CASIN RESERVOIR * LINTA * LINTA * LO : EPRS	A TOODRUPP NARONG REG AT INCRA ROLLNIA A TOODRUPP NARONG REG REG CO A TOODRUPP NARAWAWAWAWAWAWAWAWAWAWAWAWAWAWAWAWAWAWA
**************************************	. U . U . Z	0 A B H V A B H V	
# # # # # # # # # # # # # # # # # # #	2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	MERKS CAB CINTA US * PRS	* WOODRUI * UINTA * WOODRUI
A A CODE A A CODE A A CODE A C	* MYNDANNA * MANANA *	* * * * * * * * * * * * * * * * * * *	A WYCSPKO949 A MODDRUFF NADDOWN DEG WWYC1197 A UINTA BEAR AIVER A UN DRC A MODDRUFF NADDOWN DEG CO