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Hydrologic Engineering Center

National Hydroelectric Power Resources Study

Preliminary Inventory of Hydropower Resources

Volume 5: Southeast Region

July 1979

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14. ABSTRACT

This is Volume 5 of the Preliminary Inventory of Hydropower Resources, which is a component of the Corps' National Hydropower Study. There are five more volumes, which are divided along regional boundaries of the United States. The regions have been arbitrarily selected, but each roughly approximates broad physical and cultural divisions of the country.

The purpose of these reports is to provide preliminary estimates of the existing and potentially feasible hydroelectric power resources in the Untied States, and to briefly evaluate their regional significance. Each volume contains a description of the methods of study, national and regional summary statistics and a brief assessment of the resource potential. Appendix 1 of each volume contains individual state summary totals with the data grouped in various hydraulic head and capacity ranges, and an inventory of all potentially feasible sites in each state included in the appropriate region. Appendix 2 of each volume is a brief description of the hydroelectric power terms used in the reports. Appendix 3 contains a list of Corps of Engineers Division and District field offices.

15. SUBJECT TERMS
inventory, hydropower, resources, national, study, pacific, northwest, Alaska, Idaho, Oregon, Washington, southwest, mid-continent, lake central southeast, northeast, hydroelectric, power, small-scale, streams, rivers, electricity, megawatts, energy. generation, gigawatt-hours, fossil fuel, nuclear, dams, water resource, capacity, energy, tailwater, turbines, flow, acre foot, volume, reservoir

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The preparation of these reports was a coordinated effort accomplished with the assistance of many individuals in the U.S. Army Corps of Engineers. The primary responsibility for these reports was assigned to the U.S. Army Corps of Engineers, Institute for Water Resources (IWR), under the direction of Mr. A. J. Fredrich. The Preliminary Inventory of Hydropower Resources was developed as a major component of the Corps' National Hydropower Study. Supplemental funding was provided by the United States Department of Energy (DOE) through the DOE Small-Scale Hydropower Development Program. Both of these studies are under the direction of Mr. James R. Hanchey, Deputy Director for Special Studies at the Institute for Water Resources.

The manuscript herein was written and prepared by Dr. Wayne R. Sigleo, Mr. James R. Hanchey and Mr. Darrell G. Nolton of the Corps' Institute for Water Resources. The text had the benefit of informal review and comment by the staff of the National Hydropower Study group at the Institute. The data presented in these reports were collected by the Corps' Division and District field offices. The presentation of these data, particularly the tables and computer format, were made possible through the concentrated efforts of Mr. Gary Franc of the Corps' Hydrologic Engineering Center (HEC) who, based on instructions from Mr. Jim Dalton of the Corps' Southwestern Division (SWD), developed the computer software to summarize the data from the inventory and made all necessary computer runs. HEC arranged for the printing of these reports and is responsible for their distribution.

Some of the major responsibilities associated with the National Hydropower Study were assigned to the Corps' Hydrologic Engineering Center, under the supervision of Mr. Bill S. Eichert, the Center's Director. HEC was assigned the tasks of developing the data management software, the editing and analysis programs required in the screening studies and in making the computer runs required in the screening process. Mr. Jim Dalton (SWD) was instrumental in formulating the computational techniques used and was assigned the responsibility of technical management. Mr. Dale R. Burnett was HEC's overall coordinator; Mr. Tom White and Mr. Orval Bruton of the Corps' North Pacific Division (NPD) developed the cost-estimating procedures; Messrs. Arthur Pabst and Mark Lewis (HEC) developed the file management software; and Ms. Marilyn Hurst (HEC) did most of HEC's computer production runs for the National Hydropower Study.

Grateful acknowledgements are extended to the support staff of IWR and HEC for their patience and endurance in the overall effort to complete these reports. In particular, Ms. Sharon Blake and Ms. Denise Henderson of IWR and Ms. Penni Baker of HEC should be recognized. Finally, since it is not possible, because of the scope of these reports, to mention all participants by name, acknowledgements are extended to all, especially the National Hydropower Study coordinators and other Division and District personnel who devoted many hours to the organization and data collection activities necessary to provide this preliminary inventory of hydroelectric power resources in the United States.

TABLE OF CONTENTS

APPENDICES

TABLES

FIGURES

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

INTRODUCTION

Since completion of the world's first central hydroelectric generating facility at Appleton, Wisconsin in 1882, hydropower has played a major role in our nation's social and economic development. Although this first installation was comparatively small (providing only enough power to light 250 light bulbs), it had a large impact, and streams and rivers across the country were rapidly developed to generate electricity. Today, hydropower provides about 13 percent of the nation's total electric power with a conventional installed capacity of about 64,000 megawatts and an average annual energy generation of some 280 thousand gigawatt-hours.

Hydroelectric power development was rapid during the first half of the twentieth century, but by the mid-1960's many factors had combined to diminish its contribution to electrical utility systems. First, the most favorable sites were developed early, and the undeveloped potential simply did not look as attractive when compared to other available energy sources. Second, demand for electricity increased rapidly during the 50's and 60's, and even with the continued development of new sites, hydropower's "share of the load" steadily decreased. Finally, the low cost of fossil fuels and optimistic forecasts concerning nuclear technology and its public acceptability led many planners to believe that the nation's energy future was secure.

During the past decade, a number of interacting factors, including rising fuel prices, rapid escalation of the costs in constructing thermal generating facilities, and increased public concern over the safety of nuclear plants have prompted not only a search for new energy alternatives, but also a reexamination of previously ignored or discounted alternatives. Because of the immediate need to develop new sources of energy, planners at all levels of organization have significantly increased their efforts to assess the most feasible alternatives to meet present and future energy demands. Hydroelectric power development, particularly incremental or new capacity at existing facilities, could provide an important contribution to our nation's growing energy needs.

The U.S. Army Corps of Engineers is currently conducting a detailed assessment of the nation's hydroelectric resources as part of the National Hydroelectric Power Study authorized by Section 167 of the Water Resources Development Act of 1976 (P.L. 94-587). The study is designed to provide a current and comprehensive estimate of the potential for incremental or new generation at existing dams and other water resource projects, as well as for undeveloped sites in the United States. In addition, the study will address the demand for

hydroelectric power, and will investigate various related policy and technical considerations to determine the incentives, constraints and impacts of developing hydropower to meet a portion of our future energy demands. When complete in 1981, the effort will provide a more detailed evaluation of the nation's hydroelectric resources, and will serve as a framework for future planning and development of this important renewable energy source.

The National Hydropower Study addresses all conventional hydroelectric power potential at Federal and non-federal installations, and considers both large and small-scale dams and other water resource projects. The Corps of Engineers involvement in studying the nation's small-scale potential dates from President Carter's Energy Plan of 1977. This program specifically recognized the opportunity for redeveloping small-scale hydropower as an alternative source of energy and the President directed the Corps to produce summary estimates of the potential at existing small dams in the country.

The directive led to the Corps' preliminary 90-day hydropower study which was published in 1977[1]. This study was the first to provide comprehensive estimates of the small-scale potential at existing dams and also identified key areas of the country where small-scale hydropower development could potentially reduce dependence on fossil fuels as a source of energy generation. It is important to note that these estimates were based largely on theoretical potentials calculated for the river basins in the United States and were not the product of site-specific investigations.

During the initial planning stages of the National Hydropower Study, the U.S. Department of Energy requested that a more detailed assessment be made of the nation's small-scale hydroelectric resources. Because of the wide public interest in this potentially valuable alternative energy resource, the small-scale assessment has been integrated into the overall National Hydropower Study and is included in this series of reports.

PURPOSE AND SCOPE

Site-specific information on the physical hydroelectric power potential is essential in determining the social, economic, institutional and environmental feasibility of developing this resource. Because of the immediate need for wide dissemination of state, regional and national hydropower data, the Corps' Institute for Water Resources has prepared

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[1] R. J. McDonald, Estimate of National Hydroelectric Power Potential at Existing Sites, Institute for Water Resources, Ft. Belvoir, Virginia, July 1977.

this series of regional reports, Preliminary Inventory of Hydropower Resources. The inventory is the result of a comprehensive data collection effort conducted by the Corps of Engineers and is based on site-specific analysis and evaluation.

The purpose of these reports is to provide preliminary estimates of the existing and potentially feasible hydroelectric power resources in the United States, and to briefly evaluate their regional significance. The estimates of existing, incremental and undeveloped hydropower potential have been grouped in three categories which are based on megawatt (MW) capacity. These include small-scale (.05-15 MW); intermediate (15-25 MW); and large-scale (greater than 25 MW).

The reports have been organized into 6 volumes, each divided along regional boundaries of the United States (Figure 1). The regions have been arbitrarily selected, but each roughly approximates broad physical and cultural divisions of the country. They include:

a. Pacific Northwest (Vol. 1)
b. Pacific Southwest (Vol. 2)
c. Mid-Continent (Vol. 3)
d. Lake Central (Vol. 4)
e. Southeast (Vol. 5)
f. Northeast (Vol. 6)

Each volume of the Preliminary Inventory of Hydropower Resources contains a description of the methods of study, national and regional summary statistics, and a brief assessment of the resource potential. Appendix 1 of each volume contains invididual state summary totals with the data grouped in various hydraulic head and capacity ranges, and an inventory of all potentially feasible sites in each state included in the appropriate region. The inventory includes site-specific geographic information, project purpose and ownership references, refined streamflow and hydraulic data, and the capacity and hydroelectric energy estimates. Appendix 2 of each volume is a brief description of the hydroelectric power terms used in the reports, and for further information, Appendix 3 contains a list of Corps of Engineers Division and District field offices.

METHODS OF STUDY

The preliminary inventory of potentially feasible hydropower resources includes an estimate of the capacity and energy available at both existing dams and undeveloped sites in the United States. The major source of data on existing hydropower facilities was the National Inventory of Dams developed by the Corps of Engineers as part of the National Dam Safety Program.[2] This inventory contains geographic,

[2] U.S. Army Corps of Engineers, National Program of Inspection of Dams, in 5 Volumes, Office of the Chief of Engineers, Washington, D. C., May 1975

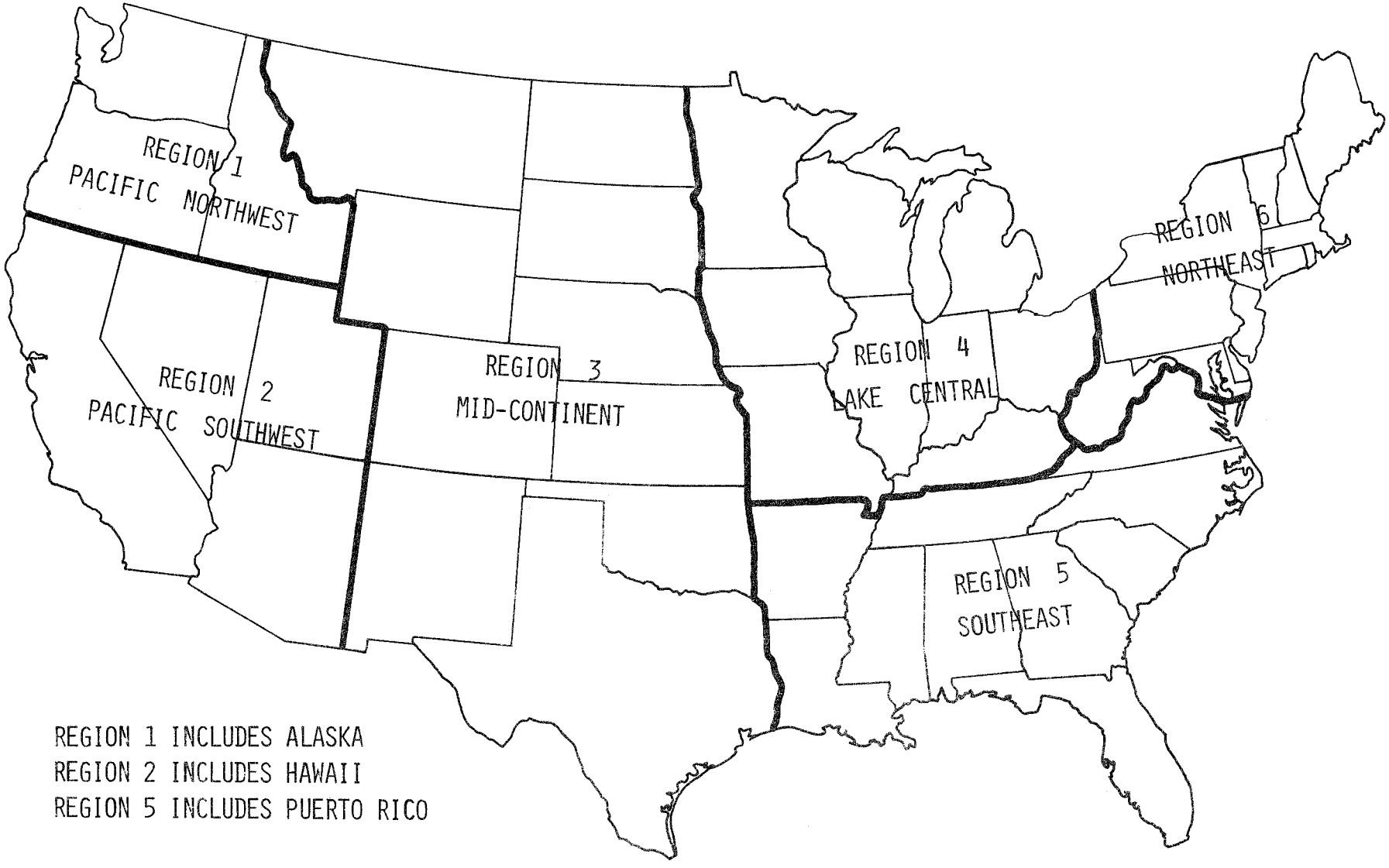

FIGURE 1: REGIONS AS DEFINED FOR THE PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

physical, and ownership data on approximately 50,000 dams in the nation. Identification and data collection on undeveloped sites was more limited since only about 5,000 sites had been identified or previously studied by the Corps of Engineers and other local, state and Federal water resource agencies. In addition, no attempt was made to include pumped storage sites in the inventory.

The data in the original national inventory of dams were supplemented as necessary to develop preliminary estimates of the hydroelectric power potential at each site. Computer routines which utilized head, storage and streamflow estimates were developed to compute the capacity and energy potential of each existing dam and undeveloped site. A screening routine was used to eliminate those sites without sufficient storage, head or streamflow to generate a significant amount of electrical energy. Generally, the existing dams and undeveloped site locations listed in the inventory are those with a capacity of 50 kilowatts or greater. In most cases, the current installed capacity at existing dams was derived from the nameplate capability. This initial screening procedure reduced the number of sites in the active inventory from approximately 55,000 to about 17,500.

During the second stage of the preliminary screening, additional physical data were collected for all sites remaining in the inventory. In particular, the supplemental data included the designation of a U.S. Geological Survey (U.S.G.S.) reference gaging station; a refined estimate of the available net power head; and an estimate of the drainage area associated with each site. Computer routines developed by the Hydrologic Engineering Center and the Corps' Southwestern Division were utilized with USGS streamflow data and drainage area measurements to produce a synthetic flow-duration curve at each site. Conventional flow-duration analysis was used to estimate the capacity and energy available at each site for a range of plant factors.

Generalized cost estimates were developed by the Corps' North Pacific Division to approximate the cost of turbines, generators, and other powerhouse costs associated with the representative capacity selected for each site in the inventory. Generalized regional power values, developed for the study by the Federal Energy Regulatory Commission (FERC), were used to provide a preliminary estimate of the value of the potential capacity and energy at each site. Each site was then sized at the capacity and energy which gave a maximum net benefit. A second screening, comparing the estimated powerhouse cost with the value of power to be produced, eliminated those sites which had doubtful economic feasibility. This screening process reduced the active inventory to approximately 11,000 sites which are contained in these regional reports.

The basic objective of the preliminary inventory and analysis procedures is to provide a comprehensive assessment of the undeveloped hydroelectric power potential in the United States and to determine

which sites merit more thorough investigation. Accordingly, conservative assumptions have been made in the screening and analysis process to avoid eliminating any potentially feasible sites. The current summary tables provide the best estimates to date, but to some degree, may overstate the actual capacity and energy which could be developed. The estimates for individual sites may be overstated for the following reasons:

a. A reduction of net power head due to rising tailwater conditions during high flows was not computed.

b. The analysis technique of maximum net benefits, using incomplete project cost resulted in a low plant factor operation. This type of operation could require more reservoir storage than is available for regulating power flows or could cause fluctuations in the surface elevation of the reservoir or downstream flow that would not be acceptable.

c. Computations ignored diversion of water for other uses, as well as losses due to evaporation.

d. Turbines were assumed to be 100 percent efficient, and head losses through penstocks were not estimated.

e. During periods of high flow, it was calculated that streamflow would pass through the turbines at the design discharge rate when infact, during excessively high flows, the plant may be shut down because of high tailwater and reduced head.

f. Summary tables include estimates of the potential capacity and energy at each site in the inventory. In some cases, individual projects may be site alternatives to others in the same general location, when only one can be considered for hydropower development.

g. Detailed consideration of the social, economic, institutional and environmental constraints associated with hydropower development were not specifically included in the analysis.

All of the issues listed above will be addressed during future stages of the National Hydropower Study through the addition of more detailed site-specific information, and by refinements in the computer routines used in assessing the data.

RESOURCE ASSESSMENT

National Potential

Estimates of the existing, incremental and undeveloped conventional hydroelectric power potential for the various regions of the United States are presented in Table 1. The total physical resource for all regions is estimated to exceed 512,000 MW of capacity with an average annual energy generation greater than 1.4 million GWH. At the present time, the Corps has identified 1,251 existing hydropower facilities currently generating power with a total installed capacity of some 64,000 MW producing over 280,000 GWH of average annual energy. There are over 5,400 existing dams which have the potential for new incremental power development. Some of these are currently generating power, and full development of the incremental potential could yield an additional capacity of some 94,000 MW with an average annual energy generation exceeding 223,000 GWH. There are also some 4,500 potentially feasible, undeveloped sites which, if fully developed for hydropower, could produce another 354,000 MW with an estimated average annual energy greater than 935,000 GWH.

The distribution of the overall hydroelectric power resource in the nation is shown in Figure 2. The Pacific Northwest has the largest proportion of the nation's installed capacity and currently generates some 48 percent of the conventional hydroelectric energy produced in the United States. Other areas with a significant, but smaller proportion of the total installed capacity and energy generation include the Southeast, Northeast, and Pacific Southwest regions. Nearly all existing hydroelectric facilities and other water resource projects in the country have the capability for incremental energy generation with the Northeast, Lake Central and Pacific Northwest having a large share of this potential. The undeveloped hydroelectric resource is widely distributed, but appears greatest in the Pacific Northwest, Mid-Continent and Southeast regions, particularly at large-scale sites.

There are over 5,600 small-scale dams in the country which are either generating power, or have the potential for incremental development. The installed capacity at existing small-scale facilities is estimated to be some 3,000 MW with an average annual energy generation exceeding 15,000 GWH. These values represent about 5 percent of the nation's current installed hydroelectric capacity and energy generation. Approximately 5,400 MW of new incremental capacity could be installed at a large percentage of the existing small-scale dams for an estimated energy generation of about 17,000 GWH annually. In addition, some 2,600 potentially feasible, undeveloped sites have been identified which could provide an estimated capacity of 8,000 MW and more than 28,000 GWH of average annual energy generation.

As shown in Figure 3, the amount and regional distribution of the small-scale resource potential varies considerably, as these patterns closely reflect an interaction between climate, landforms and settlement

TABLE 1. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES

REGIONAL SUMMARIES

REGION	EXISTING,[1] POTENTIAL INCREMENTAL[2] AND UNDEVELOPED[3] CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Vol. 1 Pacific N. West																
No. of Sites	93	282	745	1,120	13	36	208	257	73	83	896	1,052	179	401	1,849	2,429
Cap. (MW)	430	642	3,702	4,774	234	700	4,069	5,003	26,141	31,919	259,709	317,769	26,804	33,262	267,480	327,546
Ener (GWH)	2,441	2,234	16,390	21,065	1,216	1,943	14,738	17,897	130,365	33,999	673,918	838,282	134,022	38,175	705,045	877,242
Vol. 2 Pacific S. West																
No. of Sites	111	354	272	737	9	17	26	52	69	43	110	222	189	414	408	1,011
Cap. (MW)	410	574	632	1,616	171	345	509	1,025	9,347	5,109	16,043	30,499	9,928	6,028	17,184	33,140
Ener (GWH)	2,176	1,569	1,640	5,385	837	550	1,059	2,446	37,311	8,729	31,877	77,917	40,325	10,849	34,577	85,751
Vol. 3 Mid-Continent																
No. of Sites	54	779	666	1,499	11	15	63	89	44	59	234	337	109	853	963	1,925
Cap. (MW)	184	850	1,182	2,216	218	317	1,311	1,846	6,087	6,589	27,376	40,052	6,488	7,758	29,868	44,114
Ener (GWH)	1,372	2,138	3,074	6,584	1,006	524	3,142	4,672	22,403	12,481	64,274	99,158	24,781	15,144	70,491	110,416
Vol. 4 Lake Central																
No. of Sites	204	601	551	1,356	10	43	16	69	17	88	59	164	231	732	626	1,589
Cap. (MW)	734	914	926	2,574	180	875	319	1,374	1,689	14,038	6,552	22,279	2,602	15,830	7,799	26,231
Ener (GWH)	3,439	3,128	2,859	9,426	940	2,124	763	3,827	5,475	39,514	17,380	62,369	9,854	44,766	21,004	75,624
Vol. 5 Southeast																
No. of Sites	110	566	265	941	19	29	54	102	98	87	146	331	227	682	465	1,374
Cap. MW)	285	704	1,077	2,066	360	559	1,114	2,033	11,182	11,758	20,969	43,909	11,827	13,021	23,160	48,008
Ener (GWH)	1,000	2,189	3,349	6,538	1,105	1,185	2,863	5,153	36,409	21,466	67,460	125,335	38,514	24,840	73,672	137,026

TABLE 1. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES

REGIONAL SUMMARIES (CONTINUED)

REGION	EXISTING,[1] POTENTIAL INCREMENTAL[2] AND UNDEVELOPED[3] CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Increm	Undev	Total	Exist	Increm	Undev	Total	Exist	Increm	Undev	Total	Exist	Increm	Undev	Total
Vol. 6* Northeast																
No. of Sites	270	2,231	143	2,644	19	26	20	65	27	85	58	170	316	2,342	221	2,879
Cap. (MW)	914	1,771	491	3,176	354	524	400	1,278	4,784	16,446	7,568	28,798	6,053	18,737	8,457	33,247
Ener (GWH)	4,620	6,009	1,531	12,160	1,613	1,533	938	4,084	26,276	81,898	28,610	136,784	32,508	89,440	31,078	153,026
NATIONAL TOTAL																
No. of Sites	842	4,813	2,642	8,297	81	166	387	634	328	445	1,503	2,276	1,251	5,424	4,532	11,207
Cap. (MW)	2,957	5,455	8,010	16,422	1,517	3,320	7,722	12,559	59,230	85,859	338,217	483,306	63,702	94,636	353,948	512,286
Ener (GWH)	15,048	17,267	28,843	61,158	6,717	7,859	23,503	38,079	258,239	198,087	883,519	1,339,845	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.

* Data on undeveloped sites in the New England states are not available (NA).

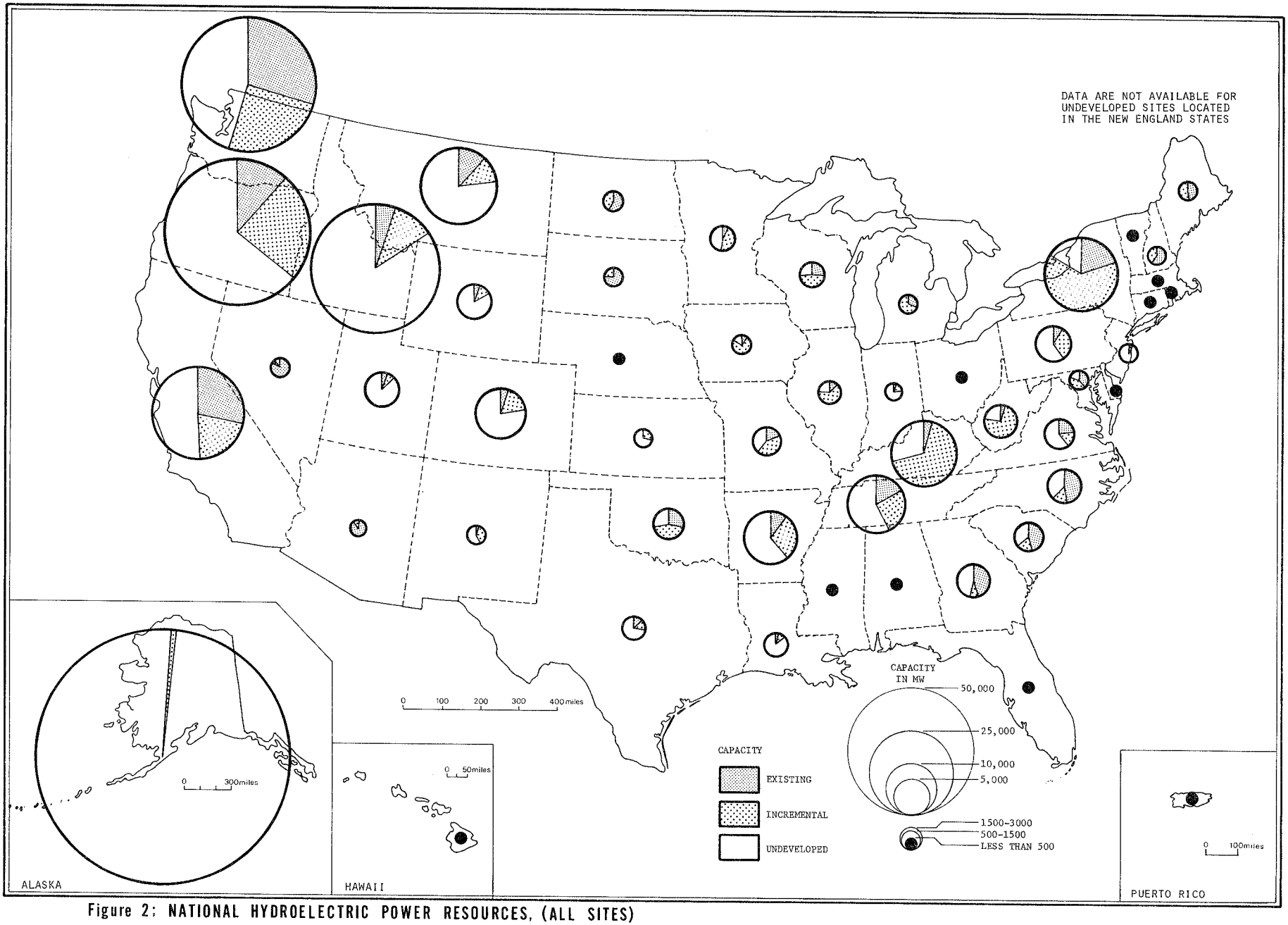

Figure 2: NATIONAL HYDROELECTRIC POWER RESOURCES, (ALL SITES)

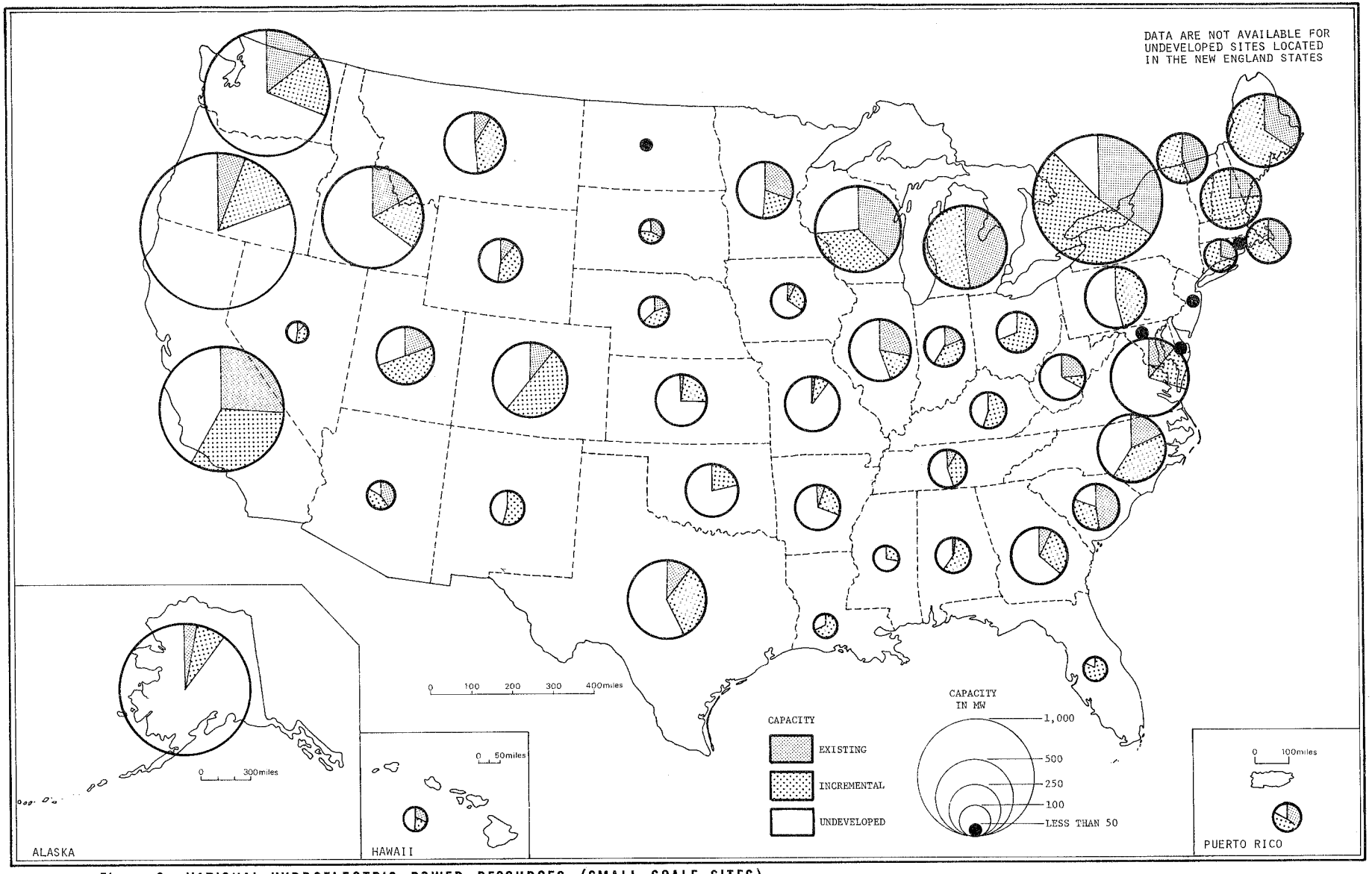

Figure 3: NATIONAL HYDROELECTRIC POWER RESOURCES, (SMALL-SCALE SITES)

history. The greatest number and density of small-scale facilities with installed capacity are found in the Northeast and Lake Central regions of the country. When considered together, these two regions generate more than 53 percent of the total energy produced from all small-scale facilities in the United States. All regions have the potential for incremental power development existing sites, especially the Northeast, Lake Central and Mid-Continent regions. Significantly, many of the small dams with incremental potential in these regions are located near smaller population and industrial centers where existing transmission interties are well developed. The undeveloped hydroelectric potential at small-scale sites is widely distributed, but appears greatest in the Pacific Northwest, Lake Central, and the Northeast regions of the country.

Southeast

The estimates of existing, incremental and the undeveloped hydropower potential for all states in the various regions of the country are presented in Table 2. In the Southeast region, the maximum physical potential for all sites exceeds 48,000 MW with an estimated average annual energy of more than 137,000 GWH. By comparison, these values represent about 9 percent of both the total potential capacity and hydroelectric energy estimated for the entire United States.

Of the total capacity estimated for the region, 11,800 MW has been installed. The remainder (36,200 MW) is the maximum which could be developed by upgrading and expanding existing projects (13,000 MW), and by installing new hydroelectric power capacity at all potentially feasible, undeveloped sites (23,200 MW). Small-scale facilities account for some 2 percent of the region's total installed capacity, but another 700 MW could be added to these and other small water resource projects. In addition, 1,100 MW could be installed at potentially feasible, undeveloped small-scale sites. The small-scale resource varies considerably, with the states of North Carolina and South Carolina having the largest potential for incremental development at existing projects in the Southeast region.

SUMMARY

Over 5,400 existing structures have been identified as having the physical potential to add hydropower plants or increase hydropower output thereby increasing our present hydropower capacity from a total of 64,000 MW to 158,000 MW and our energy from 280,000 GWH to 503,000 GWH. While the physical potential for this increase is clearly available, some of these projects will undoubtly not satisfy more detailed economical analysis as well as the institutional and environmental criteria which will be imposed upon them.

More than 4,500 undeveloped sites have been identified as having the physical potential to increase our capacity by 354,000 MW and our energy by 936,000 GWH. Many of these have less chance of acceptance than the modifications to the existing projects because of the more adverse environmental and institutional effects. Unfortunately, 47 percent (166,700 MW) of this undeveloped potential is located in Alaska where it would be economically difficult to transmit the power to the potential user.

For the nation's existing hydroelectric power sites, large-scale facilities, 25 MW and greater, account for approximately 92 percent of the capacity and energy generation, particularly those located in the Pacific Northwest and Southeast regions. Small-scale facilities account for about 5 percent of the nation's installed capacity and hydroelectric energy, but incremental development of other potentially feasible, existing small-scale projects could more than double this output by adding another 5,400 MW of capacity and 17,000 GWH of energy to the total. The distribution of the existing small-scale resource is extremely variable, but nearly all regions of the country have the potential for incremental energy development. The undeveloped potential for all sites and capacity ranges is also widely distributed, and appears greatest in the Pacific Northwest, Southeast and Mid-Continent regions of the country.

As stated earlier, these data are preliminary; the capacity and energy estimates represent the maximum physical hydroelectric potential which could be developed in each state and region. The incremental potential and that estimated for undeveloped sites do not include detailed consideration of the engineering, economic, financial and environmental constraints; nor do they include an assessment of the competitive use of water at existing impoundments, or consideration of the complex social, legal and institutional feasibility, all of which could preclude full development of the hydroelectric potential. Future investigations by the Corps of Engineers and other local, state and federal agencies will consider these factors in more detail, and further refine the actual feasibility of the most favorable sites in the inventory.

Publication of preliminary resource information involves the risk that errors and omissions may exist, and this inventory is no exception. At present, the Corps' inventory of hydroelectric power resources is an active screening tool; its primary function and widest utility is to present a viable list of existing and potentially feasible hydroelectric power sites, and to provide reasonably accurate estimates of the aggregrate state, regional and national development potential. For this purpose, users of the inventory are encouraged to assist in the continuing refinement of the data base by bringing errors and omissions to the attention of the appropriate Corps of Engineers Division or District office.

For futher information concerning specific hydroelectric power sites in any state or region of the country, a complete list of Corps' Division and District representatives for the National Hydropower Study is provided in Appendix III.

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES

VOL 1: PACIFIC NORTHWEST

STATE	EXISTING,[1] POTENTIAL INCREMENTAL[2] AND UNDEVELOPED[3] CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Increm	Undev	Total	Exist	Increm	Undev	Total	Exist	Increm	Undev	Total	Exist	Increm	Undev	Total
Alaska																
No. of Sites	16	27	184	227	1	6	53	60	2	5	190	197	19	38	427	484
Cap. (MW)	37	86	1,053	1,176	15	120	1,014	1,149	77	212	164,709	164,998	129	418	166,775	167,322
Ener (GWH)	146	362	4,754	5,262	41	309	4,158	4,508	333	626	432,995	433,954	520	1,297	441,907	443,724
Idaho																
No. of Sites	24	80	68	172	1	5	39	45	15	24	213	252	40	109	320	469
Cap. (MW)	131	140	497	768	16	101	787	904	2,301	4,931	39,252	46,484	2,448	5,172	40,536	48,156
Ener (GWH)	818	435	1,904	3,157	142	195	2,218	2,555	11,130	5,522	82,398	99,050	12,089	6,152	86,520	104,761
Oregon																
No. of Sites	30	96	388	514	9	18	66	93	21	16	253	290	60	130	707	897
Cap. (MW)	105	231	1,390	1,726	157	349	1,291	1,797	6,591	13,609	34,771	54,971	6,853	14,190	37,453	58,496
Ener (GWH)	630	751	6,426	7,807	841	993	4,770	6,604	35,404	8,352	90,039	133,795	36,875	10,095	101,235	148,205
Washington																
No. of Sites	23	79	105	207	2	7	50	59	35	38	240	313	60	124	395	579
Cap. (MW)	157	185	762	1,104	46	130	977	1,153	17,172	13,167	20,977	51,316	17,374	13,482	22,716	53,572
Ener (GWH)	847	686	3,306	4,839	192	446	3,592	4,230	83,498	19,499	68,486	171,483	84,538	20,631	75,383	180,552
Region Total																
No. of Sites	93	282	745	1,120	13	36	208	257	73	83	896	1,052	135	401	1,849	2,429
Cap. (MW)	430	642	3,702	4,774	234	700	4,069	5,003	26,141	31,919	259,709	317,769	26,804	33,262	267,480	327,546
Ener (GWH)	2,441	2,234	16,390	21,065	1,216	1,943	14,738	17,897	130,365	33,999	673,918	838,282	134,022	38,175	705,045	877,242

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES

VOL 2: PACIFIC SOUTHWEST

STATE	EXISTING,[1] POTENTIAL INCREMENTAL[2] AND UNDEVELOPED[3] CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Arizona																
No. of Sites	4	27	37	68	0	0	0	0	5	3	0	8	9	30	37	76
Cap. (MW)	32	34	13	79	0	0	0	0	1,374	122	0	1,496	1,406	156	13	1,575
Ener (GWH)	105	134	19	258	0	0	0	0	5,959	261	0	6,220	6,064	395	19	6,478
California																
No. of Sites	50	216	185	451	9	12	20	41	61	38	90	189	120	266	295	681
Cap. (MW)	298	365	474	1,137	171	242	387	800	7,167	4,840	12,192	24,199	7,636	5,447	13,053	26,136
Ener (GWH)	1,647	990	1,227	3,864	837	342	789	1,968	28,621	8,421	22,993	60,035	31,106	9,753	25,009	65,868
Hawaii																
No. of Sites	14	11	7	32	0	1	0	1	0	0	0	0	14	12	7	33
Cap. (MW)	19	12	30	61	0	19	0	19	0	0	0	0	19	31	30	80
Ener (GWH)	102	26	77	205	0	39	0	39	0	0	0	0	102	65	77	244
Nevada																
No. of Sites	5	21	19	45	0	1	2	3	1	0	0	1	6	22	21	49
Cap. (MW)	9	28	34	71	0	18	40	58	668	0	0	668	677	46	74	797
Ener (GWH)	68	55	97	220	0	26	116	142	2,056	0	0	2,056	2,124	82	213	2,419
Utah																
No. of Sites	38	79	24	141	0	3	4	7	2	2	20	24	40	84	48	172
Cap. (MW)	52	135	81	268	0	66	82	148	138	147	3,851	4,136	190	348	4,014	4,552
Ener (GWH)	254	364	220	838	0	143	154	297	675	47	8,884	9,606	929	554	9,259	10,742
Region Total																
No. of Sites	111	354	272	737	9	17	26	52	69	43	110	222	189	414	408	1,011
Cap. (MW)	410	574	632	1,616	171	345	509	1,025	9,347	5,109	16,043	30,499	9,928	6,028	17,184	33,140
Ener (GWH)	2,176	1,569	1,640	5,385	837	550	1,059	2,446	37,311	8,729	31,877	77,917	40,325	10,849	34,577	85,751

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 3: MID-CONTINENT

STATE	EXISTING,[1] POTENTIAL INCREMENTAL[2] AND UNDEVELOPED[3] CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Colorado																
No. of Sites	10	167	53	230	1	2	19	22	5	4	79	88	16	173	151	340
Cap. (MW)	49	229	177	455	22	39	419	480	330	1,325	6,477	8,132	401	1,593	7,072	9,066
Ener (GWH)	275	660	423	1,358	70	79	889	1,038	1,264	2,644	13,515	17,423	1,609	3,383	14,827	19,819
Kansas																
No. of Sites	1	64	184	249	0	1	0	1	0	3	6	9	1	68	190	259
Cap. (MW)	2	61	183	246	0	18	0	18	0	141	296	437	2	220	480	702
Ener (GWH)	10	117	382	509	0	38	0	38	0	229	508	737	10	384	890	1,284
Montana																
No. of Sites	7	69	43	119	1	2	10	13	12	17	81	110	20	88	134	242
Cap. (MW)	29	140	176	345	17	43	189	249	2,372	2,148	14,948	19,468	2,418	2,332	15,313	20,063
Ener (GWH)	642	350	500	1,492	111	83	528	722	8,969	4,761	38,321	52,051	9,722	5,195	39,348	54,265
Nebraska																
No. of Sites	11	39	19	69	3	1	4	8	2	1	0	3	16	41	23	80
Cap. (MW)	16	37	30	83	54	21	82	157	66	37	0	103	136	94	112	342
Ener (GWH)	50	121	139	310	300	43	320	663	216	160	0	376	566	323	459	1,348
New Mexico																
No. of Sites	0	26	44	70	1	1	0	2	0	4	3	7	1	31	47	79
Cap. (MW)	0	55	46	101	24	24	0	48	0	207	359	566	24	286	404	714
Ener (GWH)	0	144	120	264	96	49	0	145	0	469	1,101	1,570	96	662	1,221	1,979
N. Dakota																
No. of Sites	0	44	2	46	0	0	0	0	1	1	0	2	1	45	2	48
Cap. (MW)	0	21	10	31	0	0	0	0	430	303	0	733	430	324	10	764
Ener (GWH)	0	45	18	63	0	0	0	0	2,400	568	0	2,968	2,400	612	18	3,030

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 3: MID-CONTINENT (CONTINUED)

STATE	EXISTING,[1] POTENTIAL INCREMENTAL[2] AND UNDEVELOPED[3] CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Oklahoma																
No. of Sites	0	98	170	268	0	4	2	6	11	13	12	36	11	115	184	310
Cap. (MW)	0	49	178	227	0	87	44	131	1,029	1,494	797	3,320	1,029	1,630	1,019	3,678
Ener (GWH)	0	86	346	432	0	133	77	210	2,350	1,991	1,270	5,611	2,350	2,210	1,693	6,253
S. Dakota																
No. of Sites	8	23	4	35	0	0	0	0	4	3	1	8	12	26	5	43
Cap. (MW)	17	22	12	51	0	0	0	0	1,483	397	25	1,905	1,500	420	37	1,957
Ener (GWH)	69	65	33	167	0	0	0	0	6,056	832	38	6,926	6,125	898	72	7,095
Texas																
No. of Sites	9	196	129	334	2	1	8	11	5	4	22	31	16	201	159	376
Cap. (MW)	52	165	288	505	45	22	167	234	225	185	1,420	1,830	321	372	1,875	2,568
Ener (GWH)	212	372	854	1,438	149	7	457	613	542	240	3,149	3,931	903	619	4,461	5,983
Wyoming																
No. of Sites	8	53	18	79	3	3	20	26	4	9	30	43	15	65	68	148
Cap. (MW)	19	71	82	172	56	63	410	529	152	352	3,054	3,558	227	487	3,546	4,260
Ener (GWH)	114	178	259	551	280	92	871	1,243	606	587	6,372	7,565	1,000	858	7,502	9,360
Region Total																
No. of Sites	54	779	666	1,499	11	15	63	89	44	59	234	337	109	853	963	1,925
Cap. (MW)	184	850	1,182	2,216	218	317	1,311	1,846	6,087	6,589	27,376	40,052	6,488	7,758	29,868	44,114
Ener (GWH)	1,372	2,138	3,074	6,584	1,006	524	3,142	4,672	22,403	12,481	64,274	99,158	24,781	15,144	70,491	110,416

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 4: LAKE CENTRAL

STATE	EXISTING,[1] POTENTIAL INCREMENTAL[2] AND UNDEVELOPED[3] CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Illinois																
No. of Sites	16	39	230	285	0	8	0	8	1	7	2	10	17	54	232	303
Cap. (MW)	100	52	169	321	0	145	0	145	32	533	89	654	132	730	259	1121
Ener (GWH)	569	109	411	1,089	0	347	0	347	15	1,750	178	1943	584	2,206	589	3,379
Indiana																
No. of Sites	4	30	45	79	0	2	0	2	0	0	3	3	4	32	48	84
Cap. (MW)	28	58	61	147	0	37	0	37	0	0	383	383	28	96	444	568
Ener (GWH)	98	189	162	449	0	90	0	90	0	0	816	816	98	279	978	1,355
Iowa																
No. of Sites	3	25	37	65	0	1	0	1	1	12	3	16	4	38	40	82
Cap. (MW)	7	28	67	102	0	21	0	21	128	1,068	190	1,386	135	1,117	257	1,509
Ener (GWH)	36	81	200	317	0	39	0	39	805	3,468	408	4,681	841	3,588	608	5,037
Kentucky																
No. of Sites	0	52	23	75	0	2	0	2	4	30	10	44	4	84	33	121
Cap. (MW)	0	64	51	115	0	48	0	48	636	9,159	3,985	13,780	636	9,271	4,036	13,943
Ener (GWH)	0	183	121	304	0	88	0	88	2,259	24,547	11,697	38,503	2,259	24,818	11,819	38,896
Michigan																
No. of Sites	86	136	0	222	3	6	0	9	3	4	0	7	92	146	0	238
Cap. (MW)	283	303	0	586	52	121	0	173	151	709	0	860	486	1,133	0	1,619
Ener (GWH)	1,145	1,238	0	2,383	312	399	0	711	438	2,735	0	3,173	1,895	4,371	0	6,266
Minnesota																
No. of Sites	18	97	45	160	0	5	6	11	1	12	17	30	19	114	68	201
Cap. (MW)	91	63	146	300	0	100	125	225	67	825	755	1,647	158	989	1,027	2,174
Ener (GWH)	536	191	492	1,219	0	288	314	602	318	1,868	1,602	3,788	854	2,346	2,408	5,608

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 4: LAKE CENTRAL (Continued)

STATE	EXISTING,[1] POTENTIAL INCREMENTAL[2] AND UNDEVELOPED[3] CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Missouri																
No. of Sites	2	31	93	126	1	2	8	11	4	9	17	30	7	42	118	167
Cap. (MW)	5	22	227	254	16	45	154	215	577	1,301	868	2,746	598	1,368	1,249	3,215
Ener (GWH)	17	61	643	721	94	88	357	539	1,272	4,154	1,739	7,165	1,383	4,303	2,740	8,426
Ohio																
No. of Sites	0	68	18	86	0	7	0	7	0	2	1	3	0	77	19	96
Cap. (MW)	0	105	47	152	0	153	0	153	0	56	43	99	0	314	90	404
Ener (GWH)	0	308	131	439	0	323	0	323	0	134	70	204	0	768	201	969
Wisconsin																
No. of Sites	75	123	60	258	6	10	2	18	3	12	6	21	84	145	68	297
Cap. (MW)	220	219	158	597	112	205	40	357	98	387	239	724	429	812	437	1,678
Ener (GWH)	1,038	768	699	2,505	534	462	92	1,088	368	858	870	2,096	1,940	2,087	1,661	5,688
Region Total																
No. of Sites	204	601	551	1,356	10	43	16	69	17	88	59	164	231	732	626	1,589
Cap. (MW)	734	914	926	2,574	180	875	319	1,374	1,689	14,038	6,552	22,279	2,602	15,830	7,799	26,231
Ener (GWH)	3,439	3,128	2,859	9,426	940	2,124	763	3,827	5,475	39,514	17,380	62,369	9,854	44,766	21,004	75,624

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 5: SOUTHEAST

STATE	EXISTING,[1] POTENTIAL INCREMENTAL[2] AND UNDEVELOPED[3] CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Alabama																
No. of Sites	1	52	8	61	0	2	5	7	15	19	8	42	16	73	21	110
Cap. (MW)	2	70	49	121	0	41	108	149	2,269	4,010	424	6,703	2,271	4,121	581	6,973
Ener (GWH)	6	190	137	333	0	91	244	335	9,710	7,141	995	17,846	9,716	7,422	1,376	18,514
Arkansas																
No. of Sites	1	89	50	140	0	3	11	14	10	13	17	40	11	105	78	194
Cap. (MW)	11	51	143	205	0	67	218	285	1,069	2,768	5,874	9,711	1,080	2,886	6,235	10,201
Ener (GWH)	43	145	412	600	0	105	393	498	2,756	5,239	19,824	27,819	2,799	5,489	20,629	28,917
Florida																
No. of Sites	1	17	2	20	0	0	1	1	1	0	0	1	2	17	3	22
Cap. (MW)	0	45	10	55	0	0	20	20	30	0	0	30	30	45	30	105
Ener (GWH)	0	151	30	181	0	0	66	66	232	0	0	232	232	151	96	479
Georgia																
No. of Sites	5	61	31	97	6	1	9	16	15	6	33	54	26	68	73	167
Cap. (MW)	20	79	182	281	106	23	188	317	1,924	304	1,690	3,918	2,050	406	2,060	4,516
Ener (GWH)	87	316	538	941	311	52	518	881	3,825	501	4,892	9,218	4,223	869	5,948	11,040
Louisiana																
No. of Sites	0	19	5	24	0	0	0	0	1	4	6	11	1	23	11	35
Cap. (MW)	0	38	17	55	0	0	0	0	81	253	2,336	2,670	81	291	2,353	2,725
Ener (GWH)	0	110	55	165	0	0	0	0	215	618	7,141	7,974	215	728	7,196	8,139
Mississippi																
No. of Sites	0	50	38	88	0	1	1	2	0	2	1	3	0	53	40	93
Cap. (MW)	0	20	51	71	0	16	23	39	0	97	45	142	0	133	119	252
Ener (GWH)	0	71	137	208	0	65	54	119	0	192	87	279	0	328	278	606

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 5: SOUTHEAST (Continued)

STATE	EXISTING,[1] POTENTIAL INCREMENTAL[2] AND UNDEVELOPED[3] CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
North Carolina																
No. of Sites	53	117	28	198	5	5	12	22	18	9	22	49	76	131	62	269
Cap. (MW)	72	162	160	394	103	86	259	448	1,762	405	1,134	3,301	1,937	653	1,553	4,143
Ener (GWH)	248	429	546	1,223	396	244	744	1,384	5,958	760	3,387	10,105	6,602	1,433	4,677	12,712
Puerto Rico																
No. of Sites	5	10	6	21	2	3	0	5	0	0	0	0	7	13	6	26
Cap. (MW)	28	37	13	78	36	55	0	91	0	0	0	0	64	92	13	169
Ener (GWH)	64	48	63	175	54	78	0	132	0	0	0	0	118	126	63	307
South Carolina																
No. of Sites	29	49	5	83	4	3	4	11	10	13	13	36	43	65	22	130
Cap. (MW)	88	61	34	183	76	54	80	210	1,368	513	1,061	2,942	1,532	628	1,175	3,335
Ener (GWH)	390	354	130	874	233	145	280	658	2,117	1,201	3,093	6,411	2,740	1,700	3,503	7,943
Tennessee																
No. of Sites	1	31	9	41	2	4	2	8	24	14	23	61	27	49	34	110
Cap. (MW)	11	47	70	128	39	80	45	164	2,046	3,142	7,149	12,337	2,096	3,269	7,264	12,629
Ener (GWH)	33	57	207	297	111	56	145	312	11,064	5,113	25,004	41,181	11,208	5,226	25,356	41,790
Virginia																
No. of Sites	14	71	83	168	0	7	9	16	4	7	23	34	18	85	115	218
Cap. (MW)	53	94	348	495	0	137	173	310	633	266	1,256	2,155	686	497	1,777	2,960
Emer (GWH)	129	318	1,094	1,541	0	349	419	768	532	701	3,037	4,270	661	1,368	4,550	6579
Region Total																
No. of Sites	110	566	265	941	19	29	54	102	98	87	146	331	227	682	465	1,374
Cap. (MW)	285	704	1,077	2,066	360	559	1,114	2,033	11,182	11,758	20,969	43,909	11,827	13,021	23,160	48,008
Emer (GWH)	1,000	2,189	3,349	6,538	1,105	1,185	2,863	5,153	36,409	21,466	67,460	125,335	38,514	24,840	73,672	137,026

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 6: NORTHEAST

STATE	EXISTING,[1] POTENTIAL INCREMENTAL[2] AND UNDEVELOPED[3] CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Increm	Undev	Total	Exist	Increm	Undev	Total	Exist	Increm	Undev	Total	Exist	Increm	Undev	Total
Connecticut*																
No. of Sites	13	205	NA	218	0	0	NA	0	2	0	NA	2	15	205	NA	220
Cap. (MW)	36	88	NA	124	0	0	NA	0	68	0	NA	68	103	88	NA	191
Ener (GWH)	156	308	NA	464	0	0	NA	0	216	0	NA	216	372	308	NA	680
Delaware																
No. of Sites	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2
Cap. (MW)	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2
Ener (GWH)	0	0	6	6	0	0	0	0	0	0	0	0	0	0	6	6
Maine*																
No. of Sites	33	469	NA	502	3	1	NA	4	2	2	NA	4	38	472	NA	510
Cap. (MW)	147	284	NA	431	58	20	NA	78	148	64	NA	212	354	369	NA	723
Ener (GWH)	881	992	NA	1,873	388	67	NA	455	507	226	NA	733	1,776	1,285	NA	3,061
Maryland																
No. of Sites	2	15	7	24	0	1	0	1	1	4	2	7	3	20	9	32
Cap. (MW)	2	18	20	40	0	19	0	19	474	496	232	1,202	476	532	252	1,260
Ener (GWH)	14	50	58	122	0	41	0	41	1,719	650	550	2,919	1,733	741	608	3,082
Massachusetts*																
No. of Sites	23	301	NA	324	2	0	NA	2	4	0	NA	4	29	301	NA	330
Cap. (MW)	73	115	NA	188	33	0	NA	33	131	0	NA	131	237	115	NA	352
Ener (GWH)	313	403	NA	716	176	0	NA	176	154	0	NA	154	643	403	NA	1,045
New Hampshire*																
No. of Sites	24	541	NA	565	2	1	NA	3	2	0	NA	2	28	542	NA	570
Cap. (MW)	74	238	NA	312	31	23	NA	54	281	0	NA	281	386	261	NA	647
Ener (GWH)	359	836	NA	1,195	180	82	NA	262	558	0	NA	558	1,097	918	NA	2,015
New Jersey																
No. of Sites	2	36	0	38	0	1	0	1	0	0	5	5	2	37	5	44
Cap. (MW)	6	21	0	27	0	23	0	23	0	0	647	647	6	40	647	693
Ener (GWH)	18	58	0	76	0	56	0	56	0	0	1,821	1,821	18	114	1,821	1,953

TABLE 2. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES
REGIONAL STATE SUMMARIES
VOL 6: NORTHEAST (CONTINUED)

STATE	EXISTING,[1] POTENTIAL INCREMENTAL[2] AND UNDEVELOPED[3] CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
New York																
No. of Sites	123	251	43	417	11	15	11	37	9	40	11	60	143	306	65	514
Cap. (MW)	422	657	148	1,227	216	309	226	751	3,103	11,491	2,754	17,348	3,741	12,458	3,127	19,326
Ener (GWH)	2,155	2,250	539	4,944	799	976	563	2,338	20,581	70,227	17,211	108,019	23,535	73,453	18,313	115,301
Pennsylvania																
No. of Sites	0	138	58	196	0	6	4	10	4	19	26	49	4	163	88	255
Cap. (MW)	0	158	189	347	0	107	79	186	403	1,466	2,977	4,846	403	1,731	3,245	5,379
Ener (GWH)	0	452	567	1,019	0	252	170	422	1,681	3,618	6,969	12,268	1,681	4,322	7,706	13,709
Rhode Island*																
No. of Sites	2	105	NA	107	0	0	NA	0	0	0	NA	0	2	105	NA	107
Cap. (MW)	2	40	NA	42	0	0	NA	0	0	0	NA	0	2	40	NA	42
Ener (GWH)	6	139	NA	145	0	0	NA	0	0	0	NA	0	6	139	NA	145
Vermont*																
No. of Sites	44	155	NA	199	1	0	NA	1	2	0	NA	2	47	155	NA	202
Cap. (MW)	106	134	NA	240	16	0	NA	16	74	0	NA	74	197	134	NA	331
Ener GWH)	436	472	NA	908	70	0	NA	70	317	0	NA	317	822	472	NA	1,294
W. Virginia																
No. of Sites	4	15	33	52	0	1	5	6	1	20	14	35	5	36	52	93
Cap. (MW)	46	18	132	196	0	23	95	118	102	2,929	958	3,989	148	2,969	1,184	4,301
Ener (GWH)	282	49	361	692	0	59	205	264	543	7,177	2,059	9,779	825	7,285	2,624	10,734
Region Total																
No. of Sites	270	2,231	143	2,644	19	26	20	65	27	85	58	170	316	2,342	221	2,879
Cap. (MW)	914	1,771	491	3,176	354	524	400	1,278	4,784	16,446	7,568	28,798	6,053	18,737	8,457	33,250
Ener (GWH)	4,620	6,009	1,531	12,160	1,613	1,533	938	4,084	26,276	81,898	28,610	136,784	32,508	89,440	31,078	153,025

[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.

*Data on undeveloped sites in the New England states are not available (NA).

APPENDIX I

U.S. ARMY CORPS OF ENGINEERS

SUMMARY SHEET AND SITE SPECIFIC

LISTING OF HYDROELECTRIC POWER RESOURCES

BY STATE AND COUNTY

Alabama, Arkansas, Florida, Georgia, Louisiana,
Mississippi, North Carolina, Puerto Rico,
South Carolina, Tennessee and Virginia

STATE OF ALABAMA

. . . PRELIMINARY ESTIMATE . . . (07/08/79)

PHYSICAL POTENTIAL FOR ADDITIONAL HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT IN THE STATE OF ALABAMA

HEAD (FT)		POTENTIAL INCREMENTAL CAPACITY RANGES															
		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST INST CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP
0-19	NUMBER	0	11	0	11	0	0	0	0	0	0	0	0	0	11	0	11
	CAPCTY	0.0	9.5	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	9.5
	ENERGY	0.0	23.6	0.0	23.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	0.0	23.6
20-49	NUMBER	1	31	0	31	0	0	1	1	5	8	2	10	6	39	3	42
	CAPCTY	2.4	36.5	0.0	36.5	0.0	0.0	21.6	21.6	817	1407	90.1	1497	820	1444	112	1556
	ENERGY	6.5	106	0.0	106	0.0	0.0	55.5	55.5	3380	2778	250	3027	3387	2884	305	3189
50-99	NUMBER	0	10	5	15	0	1	0	1	10	11	3	14	10	22	8	30
	CAPCTY	0.0	23.7	18.3	42.0	0.0	20.7	0.0	20.7	1452	2603	168	2771	1452	2648	186	2833
	ENERGY	0.0	59.9	54.5	114	0.0	47.0	0.0	47.0	6330	4363	376	4740	6330	4470	431	4901
>100	NUMBER	0	0	3	3	0	1	4	5	0	0	3	3	0	1	10	11
	CAPCTY	0.0	0.0	30.3	30.3	0.0	20.3	86.4	107	0.0	0.0	167	167	0.0	20.3	283	304
	ENERGY	0.0	0.0	82.5	82.5	0.0	43.9	188	232	0.0	0.0	369	369	0.0	43.9	640	684
TOTAL	NUMBER	1	52	8	60	0	2	5	7	15	19	8	27	16	73	21	94
	CAPCTY	2.4	69.8	48.7	119	0.0	41.0	108	149	2269	4010	424	4435	2272	4121	581	4702
	ENERGY	6.5	190	137	327	0.0	91.0	244	335	9710	7141	995	8136	9717	7422	1376	8798

LEGEND

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL
COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
CAPCTY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **BALDWIN**						FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE				
TCI LAKE	AL00034	ROANS CREEK	R	TENNESSEE CO	30 41,6	8,0	17,*	15,*	20,*	3,*E	0, *E	0,
	SAM0001			AL AND IRON	87 43,5					*N	,05*N	,2
COUNTY NAME: **BLOUNT**						FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT				
SMITHS FORD	AL00006	LOCUST FORK			34 0,	575,0	1063,*	135,*	163,*	508,*U	0, *U	0,
	SAM0002				87 0,					*T	45,73*T	83,6
BLOUNTSVILLE	AL00007	LOCUST FORK			34 0,	274,0	396,*	114,*	154,*	393,*U	0, *U	0,
	SAM0003				86 ,6					*T	8,87*T	25,7
AUSTIN CREEK	AL00008	LOCUST FORK			34 0,	295,0	545,*	93,*	93,*	0,*U	0, *U	0,
	SAM0004				87 0,					*T	6,57*T	21,7
INLAND LAKE	AL01167	BLACKBURN FORK L	S R	CITY OF BIRM	33 50,2	69,0	114,*	58,*	70,*	72,*E	0, *E	0,
	SAM0005	ITTLE WARRIOR		INGHAM	86 33,0					*N	1,38*N	3,4
HIGHLAND LAKE	AL01168	BLACKBURN FORK L	R	HIGHLAND LAK	33 52,8	29,0	48,*	43,*	50,*	9,*E	0, *E	0,
	SAM0006	ITTLE WARRIOR		E COMPANY	86 26,0					*N	,51*N	1,1
SKYVIEW LAKE	AL01170	HOGELAND CREEK	R O	H, J, SARKIS	33 50,8	4,0	245,*	28,*	35,*	2,*E	0, *E	0,
	SAM0007			ESTATE	86 46,8					*N	1,47*N	3,9
OSBORN LAKE	AL01176	TR-GRAVES CREEK	R	MILDRED OSBO	34 5,9	1,0	61,*	50,*	60,*	2,*E	0, *E	0,
	SAM0008			RN	86 31,9					*N	,81*N	1,8
COUNTY NAME: **CALHOUN**						FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE				
NONAME DAM	AL00004	CHOCCOLOCCO CREE	C	TIMBER AND O	33 49,0	21,0	53,*	49,*	66,*	7,*E	0, *E	0,
	SAM0009	K		RE LAND CO	85 37,0					*N	,29*N	1,0
ANNISTON LAKE	AL00910	HILLABEE CREEK	S C	ANNISTON UTI	33 34,8	15,0	918,*	11,*	15,*	9,*E	0, *E	0,
	SAM0010			LITY BOARD	85 45,2					*N	2,71*N	6,1

LEGEND

(1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U,S,A,C,E,) OFFICE AND SITE ID,
(2) = PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
(3) = E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CALHOUN					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
HENRY RESERVOIR	*AL01416	COOSA RIVER	H R	ALABAMA POWE	33 46,9	6600,0	10967,*	48,*	57,*	109,*E	72,90*E	210,7
	SAM0011			R CO	86 3,1					*N	73,72*N	158,5
COUNTY NAME: CHAMBERS					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
CHAMBERS COUNTY PUBLIC LAKE	*AL00543	WILDCAT CREEK	*R	STATE OF ALA	32 49,0	4,0*	15,*	25,*	34,*	4,*E	0, *E	0,
	SAM0012			BAMA	85 20,9					*N	,08*N	,2
COUNTY NAME: CHEROKEE					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LITTLE RIVER	*AL00004	LITTLE RIVER			34 0,	119,0*	172,*	325,*	440,*	33,*U	0, *U	0,
	SAM0013				86 0,					*T	14,71*T	34,2
MILLS	*AL00014	MILLS CREEK			34 0,	65,0*	97,*	83,*	83,*	0,*U	0, *U	0,
	SAM0014				86 0,					*T	1,98*T	4,8
TERRAPIN CREEK LAKE NO 8	*AL00580	FROG CREEK	*C	KIMBERLEY CL	33 59,8	21,0*	33,*	16,*	21,*	5,*E	0, *E	0,
	SAM0015			ARK	85 34,2					*N	,09*N	,3
WEISS RESERVOIR	*AL01415	COOSA	*HCR	ALABAMA POWE	34 10,3	5270,0*	8757,*	47,*	64,*	1433,*E	87,80*E	206,0
	SAM0016			R CO	85 45,2					*N	26,51*N	81,9
COUNTY NAME: CHILTON					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT					
WAXAHATCHEE	*AL00012	WAXAHATCHEE CREE			33 0,	174,0*	268,*	54,*	54,*	0,*U	0, *U	0,
	*SAM0017	K			87 0,					*T	2,95*T	8,4
LAY LAKE	*AL01418	COOSA	*H R	ALABAMA POWE	32 57,8	9087,0*	15131,*	88,*	103,*	265,*E	177,00*E	581,4
	SAM0018			R CO	86 30,8					*N	211,13*N	337,2

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **CHOCTAW**					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
COFFEEVILLE LAKE	AL01431 SAM0019	TOMBIGBEE RIVER	N R	DAEN SAM	31 45,4 88 7,7	18600,0	25816,*	44,*	52,*	191,*E *N	0, 347,52*N	*E 0, 801,5
COUNTY NAME: **CLEBURNE**					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT					
OAKFUSKEE	AL00010 SAM0020	TALLAPOOSA RIVER			33 34,3 85 35,6	640,0	926,*	100,*	100,*	0,*U *T	0, 24,33*T	*U 0, 56,6
CAHULGA NO. 1	AL00003 SAM0021	CAHULGA CREEK	SC	CITY OF HEFL IN	33 38,5 85 36,0	7,0	428,*	25,*	34,*	3,*E *N	0, 2,25*N	*E 0, 6,1
TERRAPIN CREEK LAKE NO 31	AL00604 SAM0022	TERRAPIN CREEK	C	KIMBERLEY CL ARK	33 53,5 85 31,7	28,0	42,*	39,*	53,*	8,*E *N	0, ,40*N	*E 0, 1,0
TERRAPIN CREEK LAKE NO 21	AL00607 SAM0023	CAMP CREEK	C	GRIEF BROTHE RS	32 52,3 85 28,2	16,0	22,*	24,*	32,*	4,*E *N	0, ,11*N	*E 0, ,3
TERRAPIN CREEK LAKE NO 22	AL00608 SAM0024	TERRAPIN CREEK	C	USDA FS	33 52,7 85 25,9	21,0	33,*	24,*	33,*	5,*E *N	0, ,15*N	*E 0, ,5
TERRAPIN CREEK LAKE NO 33	AL00609 SAM0025	LITTLE TERRAPIN CREEK	C	WILL POLLARD	33 55,1 85 27,6	58,0	87,*	9,*	12,*	5,*E *N	0, ,19*N	*E 0, ,5
CHOCCOLOCCO CREEK LAKE NO 24	AL00614 SAM0026	SHOAL CREEK	C	USDA FS	33 43,0 85 37,6	13,0	795,*	10,*	14,*	7,*E *N	0, 2,19*N	*E 0, 5,0
CHOCCOLOCCO CREEK LAKE NO 7	AL00615 SAM0027	SHOAL CREEK	C	USDA FS	33 44,4 85 35,0	14,0	857,*	14,*	19,*	6,*E *N	0, 2,76*N	*E 0, 7,0
CAHULGA CREEK LAKE NO 1	AL00616 SAM0028	CAHULGA CREEK	C S	CITY OF HEFL IN	33 39,0 85 36,2	6,0	367,*	12,*	16,*	4,*E *N	0, ,69*N	*E 0, 2,3

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: COLBERT					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
FAWN LAKE	ALU0032	HENSON CK	CR	FAWN FARM ES	34 39,5	1.0	61.	18.	25.	1.*E	0. *E	0.
	DRN0001			TATE	87 53,2					*N	.30*N	.7
COUNTY NAME: COOSA					FERC POWER SUPPLY AREA 22			FERC REGIONAL OFFICE CODE				
HATCHET	ALU0011	HATCHET CREEK			33 0,	359.0	576.	153.	153.	0.*U	0. *U	0.
	SAM0029				86 0,					*T	21.88*T	54.5
WEOGUFKA	ALU0019	WEOGUFKA CREEK			33 0,	111.0	178.	95.	95.	0.*U	0. *U	0.
	SAM0030				86 0,					*T	3.52*T	10.0
LAKE MITCHELL	ALO1424	COOSA	HRCN	ALABAMA POWE	32 47.0	9778.0	15723.	74.	99.	250.*E	72.50*E	354.5
	SAM0031			R COMPANY	86 30.0					*N	260.93*N	446.5
COUNTY NAME: COVINGTON					FERC POWER SUPPLY AREA 22			FERC REGIONAL OFFICE CODE				
GANTT LAKE	ALO1414	CONECUH RIVER	H R	ALABAMA ELEC	31 24,4	647.0	914.	30.	35.	30.*E	2.40*E	6.5
	SAM0032			TRIC COOP	86 28,9					*N	2.45*N	8.9
COUNTY NAME: CULLMAN					FERC POWER SUPPLY AREA 22			FERC REGIONAL OFFICE CODE AT				
DORSEY CREEK	ALU0005	MULBERRY FORK			33 50,6	550.0	1017.	100.	135.	420.*U	0. *U	0.
	SAM0033				87 0,					*T	32.27*T	59.0
ARKADELPHIA	ALU0017	MULBERRY FORK			34 0,	550.0	1017.	102.	102.	0.*U	0. *U	0.
	SAM0034				87 0,					*T	32.99*T	60.3
FOREST INGRAM LA	ALU0975	BRINDLEY CREEK	R	FORREST INGR	34 9,0	17.0	1040.	75.	90.	5.*E	0. *E	0.
KE	SAM0035			AM POULTRY	86 45,6					*N	20.74*N	47.1
LAKE GEORGE	ALO0976	BRIDGE CREEK	S R	CITY OF CULL	34 13,4	5.0	306.	37.	45.	5.*E	0. *E	0.
	SAM0036			MAN	86 50,3					*N	2.24*N	6.3

LEGEND

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(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **CULLMAN**					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
LAKE CATOMA	AL00977	EIGHT MILE CREEK	S R	CITY OF CULL	34 11,0	30,0	50,	75,	90,	24,	E 0,	E 0,
	SAM0037			MAN	86 48,5						N ,68	N 2,0
COUNTY NAME: **DEKALB**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
DEKALB COUNTY LAKE	AL00031	SOUTH SAUTY CK	R	STATE PARK	34 34,6	2,0	122,	27,	37,	2,	E 0,	E 0,
	ORN0002				85 48,4						N ,80	N 2,0
COUNTY NAME: **ELMORE**					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT					
WALLAHATCHEE	AL00021	TALLAPOOSA RIVER			33 0,	3320,0	4915,	32,	32,	0,	U 0,	U 0,
	SAM0038				86 0,						T 28,32	T 107,8
SPEIGNER LAKE	AL00707	MORTOR CREEK	R	STATE OF ALA	32 34,1	45,0	78,	19,	25,	7,	E 0,	E 0,
	SAM0039			BAMA	86 20,6						N ,28	N 1,0
JORDAN LAKE DIVERSION	AL01419	COOSA	H	ALABAMA PWR CO	32 34,6	4,0	15,	44,	52,	230,	E 225,00	E 822,0
	SAM0040				86 16,7						N 0,	N 0,
JORDAN LAKE	AL01423	COOSA	H R	ALABAMA POWE R CO	32 37,1	10092,0	16228,	94,	110,	230,	E 100,00	E 195,5
	SAM0041				86 15,5						N 333,60	N 846,2
COUNTY NAME: **FRANKLIN**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
BEAR CK RESERVOIR	AL00024	BEAR CK	CRSO	TVA	34 23,9	231,0	392,	38,	52,	40,	E 0,	E 0,
	ORN0003				87 59,3						N 2,78	N 8,0
LITTLE BEAR CK, RESERV,	AL00025	LITTLE BEAR CK,	CRO	TVA	34 27,3	61,0	99,	51,	69,	53,	E 0,	E 0,
	ORN0004				87 58,6						N 1,27	N 3,1
CEDAR CK, RESERVOIR	AL00026	CEDAR CK,	CRO	TVA	34 32,7	179,0	333,	61,	83,	112,	E 0,	E 0,
	ORN0005				87 58,5						N 3,62	N 10,9

LEGEND

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(3) = E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH)
COUNTY NAME: **HALE**				FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE						
WARRIOR LAKE	AL01429	BLACK WARRIOR RI	N R	DAEN SAM	32 46.7	5800.0	9574.	54.	65.	59.	E 0.	E 0.
	SAM0042	VER			87 50.5					N	127.27	N 285.6
COUNTY NAME: **HENRY**				FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE						
LAKE EUFAULA	AL01432	CHATTAHOOCHEE RI	NHRC	DAEN SAM	31 37.6	7364.0	9749.	86.	101.	934.	E 130.00	E 436.0
	SAM0043	VER			85 3.8					N	68.37	N 120.9
COUNTY NAME: **HOUSTON**				FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE						
GEORGE W ANDREWS LAKE	AL01433	CHATTAHOOCHEE RI	N R	DAEN SAM	31 15.6	6210.0	10869.	37.	43.	18.	E 0.	E 0.
	SAM0044	VER			85 6.6					N	94.53	N 265.4
COUNTY NAME: **JEFFERSON**				FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT						
SAYRE	ALU0009	LOCUST FORK			33 42.9	150.0	248.	80.	80.	0.	U 0.	U 0.
	SAM0045				87 0.					T	3.34	T 9.6
OAK GROVE	ALU0013	VALLEY CREEK			34 0.	190.0	351.	173.	173.	0.	U 0.	U 0.
	SAM0046				87 0.					T	19.33	T 35.3
BAYVIEW LAKE	AL01256	VILLAGE CREEK	S R	T. C. I., US STEEL CO.	33 34.4	69.0	114.	61.	74.	49.	E 0.	E 0.
	SAM0047				86 59.3					N	1.45	N 3.6
LAKE SUEANN	AL01287	TR-GURLEY CREEK	O R	LAKE SUEANN ESTATES	33 46.3	1.0	61.	55.	66.	2.	E 0.	E 0.
	SAM0048				86 40.4					N	.88	N 2.0
TAILINGS POND NO. 2	AL01302	TR-COAL CREEK	O	MAXINE MININ G CO.	33 35.0	1.0	61.	57.	70.	1.	E 0.	E 0.
	SAM0049				87 9.1					N	.91	N 2.1

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: LAUDERDALE					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
WILSON LAKE	ALU0027	TENNESSEE RIVER	NCHR	TVA	34 47.8	30750.0	52020.	86.	116.	641.	E 629.80	E3099.9
	ORN0006				87 37.5						N 491.73	N 32.1
WHEELER LAKE	ALU0026	TENNESSEE RIVER	NCHR	TVA	34 47.9	29590.0	50058.	44.	60.	1071.	E 356.40	E1712.5
	ORN0007				87 22.9						N 0.	N 0.
SHARPS MILL POND	ALU0030	LITTLE CYPRESS C	OR	SHARPS MILL	34 54.5	34.0	55.	13.	18.	0.	E 0.	E 0.
	ORN0008	K		WHITE ESTATE	87 42.3						N .18	N .4
COUNTY NAME: LAWRENCE					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
MASTERSOM MILL LAKE	ALU0034	CLEAR CK	SR	MOULTON CITY WATER CO	34 32.3	27.0	44.	26.	35.	1.	E 0.	E 0.
	ORN0009				87 17.0						N .29	N .7
COUNTY NAME: LEE					FERC POWER SUPPLY AREA 22			FERC REGIONAL OFFICE CODE				
AUBURN CITY LAKE	AL00380	CHEWALLA-CREEK	S R		32 32.8	31.0	42.	37.	46.	6.	E 0.	E 0.
	SAM0050				85 26.8						N .35	N .9
OPELIKA CITY LAKE	AL00383	SOUGAHATCHEE CRE	R S		32 40.0	18.0	24.	32.	38.	9.	E 0.	E 0.
E	SAM0051	EK			85 26.3						N .17	N .4
COUNTY NAME: LIMESTONE					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
SUGAR CREEK	ALU0023	ELK RIVER			34 53.0	1949.0	2974.	77.	80.	1360.	U 0.	U 0.
	ORN0010				87 6.2						T 72.99	T 157.5
COUNTY NAME: LOWNDES					FERC POWER SUPPLY AREA 22			FERC REGIONAL OFFICE CODE				
JONES BLUFF LAKE	ALO1434	ALABAMA RIVER	NHR	DAEN SAM	32 19.4	16300.0	25210.	60.	70.	234.	E 0.	E 0.
	SAM0052				86 47.0						N 402.70	N1047.8

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: MADISON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
MADISON COUNTY L	ALU0033	TR-HURRICANE CK	R	STATE OF ALA	34 48,3	2.0	122,	26,	35,	2,	E 0.	E 0,
AKE	ORN0011			BAMA	86 23,7						N .76	N 1,9
COUNTY NAME: MARION												
UPPER BEAR CREEK	ALO1408	BEAR CREEK	RSO	TVA	34 16,3	11.0	17,	52,	71,	37,	E 0.	E 0,
RESERVOIR	SAM0053				87 41,7						N .25	N .6
COUNTY NAME: MARSHALL					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
GUNTERSVILLE LAK	ALU0029	TENNESSEE RIVER	NCHR	TVA	34 25,3	24450.0	41941,	55,	74,	1052,	E 97.20	E 799,7
E	ORN0012				86 23,6						N 410.05	N 801,3
COUNTY NAME: MONROE					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
CLAIBORNE LAKE	ALO1436	ALABAMA RIVER	N R	DAEN SAM	31 36,9	21520.0	32454,	30,	35,	96,	E 0.	E 0,
	SAM0054				87 33,0						N 261.26	N 678,8
COUNTY NAME: RANDOLPH					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT					
EAGLE CREEK	ALU0002	TALLAPOOSA RIVER			33 0,	2036.0	3178,	78,	105,	300,	U 0.	U 0,
	SAM0055				86 0,						T 62.24	T 159,9
MALONE FERRY	ALU0015	TALLAPOOSA RIVER			33 0,	1615.0	2521,	34,	34,	0,	U 0.	U 0,
	SAM0056				86 0,						T 21.63	T 55,6
COUNTY NAME: SHELBY					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
LAKE PURDY	ALO1311	LITTLE CAHABA RI	SRC	BHAM MUN WAT	33 27,6	37.0	61,	41,	50,	26,	E 0.	E 0,
	SAM0057	VER		ER SERV CORP	86 40,1						N .62	N 1,4

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **SHELBY**					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
OAK MOUNTAIN NEW LAKE	AL01316 SAM0059	TR CAHABA VALLEY CREEK	R	STATE PARK	33 19,8 86 45,3	2,0	8,	31,	40,	2, 	E 0, N .06	E 0, N .1
LAKE WEHAPA	AL01337 SAM0059	SHOAL CREEK	R O	WEHAPA REAL ESTATE CO	33 28,6 86 33,9	10,0	612,	41,	50,	4, 	E 0, N 4,22	E 0, N 13,4
SMYERS LAKE NUMBER ONE	AL01338 SAM0060	SHOAL CREEK	R O	SMYERS LAKE PROPERTY CO	33 27,5 86 35,1	6,0	367,	41,	50,	2, 	E 0, N 2,90	E 0, N 8,3
FLETCHER ESTATE LAKE	AL01353 SAM0061	TR CAHABA RIVER	R O	FLETCHER PROPERTIES INC	33 24,7 86 43,1	2,0	122,	28,	35,	2, 	E 0, N ,83	E 0, N 2,0
TULLEYS ESTATE LAKE	AL01354 SAM0062	ACTON CREEK	R O	TULLEYS REAL ESTATE CO	33 22,1 86 46,0	4,0	15,	28,	35,	2, 	E 0, N ,10	E 0, N ,2
COUNTY NAME: **STCLAIR**					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
LOGAN MARTIN RESERVOIR	AL01417 SAM0063	COOSA	HCR	ALABAMA POWER R CO	33 25,8 86 20,2	7770,0	12938,	55,	75,	642, 	E 128,20 N 81,94	E 400,2 N 97,1
COUNTY NAME: **TALLADEGA**					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
CHEALA NO, 4	AL00007 SAM0064	FAYNE CREEK	C	US PIPE AND FOUNDRY CO	33 26,0 85 57,0	6,0	367,	48,	65,	2, 	E 0, N 3,26	E 0, N 9,6
CHEALA NO, 5	AL00008 SAM0065	HORSE CREEK	C	CG ARMSTRONG	33 28,0 85 57,0	11,0	673,	49,	66,	4, 	E 0, N 5,19	E 0, N 17,2
CHEAHA LAKE NO 6	AL01079 SAM0066	CHEAHA CREEK	C	USDA FS	33 28,2 85 56,8	26,0	43,	10,	14,	10, 	E 0, N ,09	E 0, N ,2
LAKE HOWARD	AL01084 SAM0067	TR TALLASEEHATCHEE CREEK	R S	SYLACAUGA WATER WORKS	33 12,3 86 11,7	35,0	58,	52,	65,	6, 	E 0, N ,72	E 0, N 1,6

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PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: TALLAPOOSA					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT					
BRIDGEVIEW	ALU0003	TALLAPOOSA RIVER			34 0.	4637.0	6717.	35.	35.	0.	U	0.
	SAM0068				89 0.						T	61.82
											T	141.8
EMUCKFAW	ALU0020	TALLAPOOSA RIVER			33 0.	2123.0	3314.	105.	105.	0.	U	0.
	SAM0069				86 0.						T	87.80
											T	225.6
YATES RESERVOIR	AL01421	TALLAPOOSA	H R	ALABAMA PWR	32 34.5	3265.0	4834.	51.	60.	26.	E	32.00
	SAM0070			CO	85 53.9						N	12.38
											E	138.3
											N	30.7
COUNTY NAME: TUSCALOOSA					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT					
NORTH RIVER	ALU0001	NORTH RIVER			33 0.	418.0	658.	108.	146.	500.	U	0.
	SAM0071				87 0.						T	20.93
											T	41.6
TUSCALOOSA COUNTY PUBLIC LAKE	AL01108	TR BIG CREEK	R	STATE OF ALA	33 17.2	4.0	9.	33.	40.	3.	E	0.
	SAM0072			BAMA	87 41.0						N	.07
											N	.2
LAKE NICOL	AL01111	YELLOW CREEK	S R	CITY OF TUSC	33 17.4	23.0	38.	41.	50.	7.	E	0.
	SAM0073			ALOOSA	87 29.0						N	.40
											N	.9
DREAM LAKE NUMBER THREE	AL01122	ROCKCASTLE CREEK	R D	SHORELINE PR	33 17.2	5.0	19.	29.	35.	2.	E	0.
	SAM0074			OPERTY OWNER	87 8.5						N	.13
											N	.2
LAKE TUSCALOOSA	AL01137	NORTH RIVER	SCR	CITY OF TUSC	33 16.3	418.0	618.	110.	132.	325.	E	0.
	SAM0075			ALOOSA	87 30.7						N	20.31
											N	44.0
LAKE HARRIS	AL01150	YELLOW CREEK	R S	CITY OF TUSC	33 15.9	30.0	50.	28.	35.	2.	E	0.
	SAM0076			ALOOSA	87 28.0						N	.34
											N	.8
HOLT LAKE	AL01426	BLACK WARRIOR RI	NHR	DAEN SAM	33 15.2	4248.0	7012.	91.	108.	118.	E	40.00
	SAM0077	VER			87 27.0						N	121.21
											E	164.5
											N	192.4
LAKE BANKHEAD	AL01427	BLACK WARRIOR RI	NHR	DAEN SAM	33 27.4	3990.0	6586.	87.	103.	296.	E	45.50
	SAM0078	VER			87 21.3						N	94.15
											E	160.0
											N	156.2

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **TUSCALOOSA**					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
WILLIAM BACON OL IVER LAKE	AL01428 SAM0079	BLACK WARRIOR RI VER	N R	DAEN SAM	33 12.6 87 35.1	4630.0	7973.	40.	49.	14. 	E 0. N 75.13	E 0. N 175.0
COUNTY NAME: **WALKER**					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT					
BOLDO	AL00016 SAM0080	BLACKWATER CREEK			34 0. 87 0.	232.0	429.	125.	125.	0. T	U 0. T 6.78	U 0. T 22.6
WALKER COUNTY LA KE	AL00885 SAM0081	TRIBUTARY OF CRA NE CREEK	R	ALA DEPT CON SERVATION	33 47.7 87 13.7	2.0	122.	32.	40.	3. 	E 0. N .95	E 0. N 2.3
LITTLE CREEK MIN E LAKE	AL00892 SAM0082	LITTLE CREEK	D	PEABODY MINE COMPANY	33 48.7 87 2.6	4.0	245.	31.	40.	2. 	E 0. N 1.62	E 0. N 4.4
COUNTY NAME: **WILCOX**					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
WILLIAM "BILL" D ANNELLY LAKE	AL01435 SAM0083	ALABAMA RIVER	NHR	DAEN SAM	32 6.1 87 24.0	20700.0	32016.	47.	55.	332. 	E 75.00 N 326.82	E 429.0 N 616.5

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STATE OF ARKANSAS

PHYSICAL POTENTIAL FOR ADDITIONAL HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT IN THE STATE OF ARKANSAS

POTENTIAL INCREMENTAL CAPACITY RANGES

HEAD (FT)	UTILITY	.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST 1 CAP	EXIST 2 CAP	UNDEV 3 CAP	TOTAL 4 CAP	EXIST 1 CAP	EXIST 2 CAP	UNDEV 3 CAP	TOTAL 4 CAP	EXIST 1 CAP	EXIST 2 CAP	UNDEV 3 CAP	TOTAL 4 CAP	EXIST 1 CAP	EXIST 2 CAP	UNDEV 3 CAP	TOTAL 4 CAP
0-19	NUMBER	0	25	5	30	0	0	0	0	0	7	4	11	0	32	9	41
	CAPCTY	0.0	3.9	4.5	8.4	0.0	0.0	0.0	0.0	0.0	1209	1913	3122	0.0	1213	1918	3131
	ENERGY	0.0	8.7	18.2	27.0	0.0	0.0	0.0	0.0	0.0	2595	6788	9383	0.0	2604	6806	9410
20-49	NUMBER	0	42	19	61	0	0	0	0	2	4	6	10	2	46	25	71
	CAPCTY	0.0	12.1	15.7	27.9	0.0	0.0	0.0	0.0	224	1394	3441	4835	224	1406	3456	4863
	ENERGY	0.0	20.7	44.3	65.1	0.0	0.0	0.0	0.0	1042	2425	11879	14304	1042	2445	11923	14369
50-99	NUMBER	1	19	11	30	0	1	1	2	1	1	3	4	2	21	15	36
	CAPCTY	11.0	22.9	38.1	61.0	0.0	23.7	15.6	39.4	58.0	120	186	305	69.0	166	240	406
	ENERGY	43.1	84.7	135	220	0.0	30.2	48.6	78.9	89.1	201	466	667	132	316	649	965
>100	NUMBER	0	3	15	18	0	2	10	12	7	1	4	5	6	7	29	35
	CAPCTY	0.0	11.8	84.4	96.2	0.0	43.5	203	246	787	44.7	334	379	787	100	621	721
	ENERGY	0.0	30.8	214	245	0.0	75.1	344	420	1625	17.7	692	709	1625	124	1250	1374
TOTAL	NUMBER	1	89	50	139	0	3	11	14	10	13	17	30	11	105	78	183
	CAPCTY	11.0	50.8	143	194	0.0	67.2	218	286	1069	2768	5874	8641	1080	2886	6235	9121
	ENERGY	43.1	145	412	557	0.0	105	393	498	2756	5239	19624	25062	2800	5489	20629	26118

LEGEND

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL
COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
CAPCTY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ARKANSAS					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
DRY LAKE DAM	AR00537	TR WHITE RIVER	O	DOI BSFW	34 6,0	12,0	15,	14,	18,	5,	E 0,	E 0,
	LMM0001				91 10,0						N ,07	N ,1
TARLETON CREEK DAM	D AR00539	TR WHITE RIVER	O	DOI BSFW	34 15,0	28,8	86,	20,	23,	2,	E 0,	E 0,
	LMM0002				91 7,0						N ,51	N 1,0
COUNTY NAME: ASHLEY					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
BEARHOUSE CR RES	ARU0138	BEARHOUSE CR	CR	DAEN LMK	33 21,0	107,0	122,	21,	29,	63,	U 0,	U 0,
	LMK0001				91 38,0						T ,74	T 1,7
BEECH CR RES	ARU0139	BEECH CR	CR	DAEN LMK	33 8,0	21,0	26,	26,	35,	13,	U 0,	U 0,
	LMK0002				91 39,0						T ,34	T ,3
COUNTY NAME: BAXTER					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
COTTER	ARU0001	WHITE	CH		36 16,5	7070,0	6150,	44,	38,	0,	U 0,	U 0,
	SWL0001				92 31,0						T 84,76	T 202,4
CHASTAIN	ARU0172	WHITE RIVER	HN		36 9,5	9911,0	11200,	50,	68,	48,	U 0,	U 0,
	SWL0003				92 15,0						T 118,83	T 334,5
NORFORK	AR00159	NORTH FORK OF TH	CH	DAEN SWL	36 15,0	1806,0	2159,	174,	206,	1983,	E 70,00	E 184,0
	SWL0004	E WHITE RIVER			92 14,4						N 44,79	N 17,7
BULL SHOALS	AR00160	WHITE RIVER	CH	DAEN SWL	36 21,8	6036,0	6030,	198,	243,	5408,	E 340,00	E 785,0
	SWL0005				92 34,4						N 0,	N 0,
COUNTY NAME: BENTON					FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW					
LAKE ANN	AR00264	PINION CREEK	R		36 28,5	9,0	7,	44,	55,	4,	E 0,	E 0,
	SWT0001				94 13,8						N ,06	N ,1

LEGEND

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(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
(3) = E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) = U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **BENTON**					FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW					
LAKE WINDSOR DAM	AR00265	TANYARD CREEK	R		36 28.2	11.0	9.	63.	81.	7.	E 0.	E 0.
	SWT0002				93 15.5						N .11	N .2
COUNTY NAME: **BOONE**					FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW					
WAR EAGLE	ARU0143	WAR EAGLE CREEK			36 12.0	328.0	366.	100.	100.	0.	U 0.	U 0.
	SWL0006				93 56.0						T 4.44	T 14.2
COUNTY NAME: **BRADLEY**					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
EAST FORK	ARU0173	EAST FORK CROOKE			36 9.0	7.8	6.	73.	73.	0.	U 0.	U 0.
	SWL0007	D CREEK			93 7.0						T .09	T .2
COUNTY NAME: **CARROLL**					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
TRIGGER GAP	ARU0144	KINGS RIVER			36 16.0	311.0	347.	140.	140.	0.	U 0.	U 0.
	SWL0009				93 40.0						T 4.71	T 16.8
BEAVER	AR00174	WHITE RIVER	CH	DAEN SWL	36 25.0	1186.0	1502.	190.	218.	1952.	E 112.00	E 172.0
	SWL0010				93 50.9						N 0.	N 0.
LAKE LEATHERWOOD DAM	AR00238	WEST LEATHERWOOD CREEK	R		36 27.0	13.1	11.	31.	40.	1.	E 0.	E 0.
	SWL0011				93 45.0						N .07	N .1
COUNTY NAME: **CLARK**					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
DEGRAY LAKE	AR00151	CADDO RIVER	HCSRO	DAEN LMK	34 13.2	453.0	738.	175.	238.	1377.	E 68.00	E 97.8
	LMK0003				93 6.6						N 0.	N 0.

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **CLEBURNE**					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
QUARRY	ARU0180	LITTLE RED RIVER			35 27,0	1210,0	1870,	60,	60,	0,*U	0, *U	0,
	SWL0012				91 55,0					*T	32,58*T	63,8
GREERS FERRY	AR00173	LITTLE RED	CH	DAEN SWL	35 31,5	1446,0	2235,	184,	126,	2844,*E	96,00*E	189,0
	SWL0013				92 0,					*N	23,41*N	44,9
COUNTY NAME: **COLUMBIA**					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
BAYOU DORCHEAT RESERVOIR	ARU0010	BAYOU DORCHEAT			33 12,0	239,0	225,	42,	57,	467,*U	0, *U	0,
	LMN0001				93 24,0					*T	1,96*T	4,5
COUNTY NAME: **CONWAY**					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
SOLGOHACHIA	ARU0161	EAST FORK POINT			35 15,0	225,0	309,	165,	165,	0,*U	0, *U	0,
	SWL0014	REMOVE CREEK			92 41,0					*T	9,90*T	18,2
LOCK AND DAM NO 9	AR00165	ARKANSAS RIVER	N	DAEN SWL	35 7,5	154949,0	36713,	15,	51,	70,*E	0, *E	0,
	SWL0015				92 47,2					*N	175,17*N	369,9
EAST FORK POINT	AR00319	SHEEPSKIN CREEK	C		35 24,0	74,3	102,	12,	16,	3,*E	0, *E	0,
	SWL0016				92 38,1					*N	,23*N	,4
EAST FORK POINT	AR00320	SUNNYSIDE CREEK	C		35 38,0	16,0	19,	12,	16,	5,*E	0, *E	0,
	SWL0017				92 39,5					*N	,03*N	,1
W FORK PT	AR00329	WEST FORK POINT	C		35 27,2	29,9	35,	10,	13,	3,*E	0, *E	0,
	SWL0018				92 42,0					*N	,07*N	,1
W FORK PT	AR00330	BROCK CREEK	C		35 27,3	43,8	51,	13,	18,	5,*E	0, *E	0,
	SWL0019				92 45,1					*N	,14*N	,3

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **CRAWFORD**					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
NATURAL DAM	ARU0154	LEE CREEK			35 37.0	320.0	469.	125.	125.	0.	*U 0.	*U 0.
	SWL0020				94 26.0						*T 18.94	*T 33.1
LAKE SHEPPARD SP	AR00445	FROG BAYOU	S		35 41.4	68.0	91.	22.	30.	55.	*E 0.	*E 0.
RING DAM	SWL0021				94 6.0						*N .48	*N .9
LAKE FORT SMITH DAM	AR00446	FROG BAYOU	S		35 39.0	74.2	99.	15.	20.	22.	*E 0.	*E 0.
	SWL0022				94 8.2						*N .30	*N .6
LAKE ALMA DAM	AR00448	LITTLE FROG BAYO	CS		35 29.4	24.4	33.	33.	45.	9.	*E 0.	*E 0.
	SWL0023	U			94 12.5						*N .36	*N .5
COUNTY NAME: **CRITTENDEN**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
LOCK AND DAM NO. 2	ARU0169	MISSISSIPPI RIVE			34 51.0	933100.0	486402.	30.	30.	0.	*U 0.	*U 0.
	LMM0003	R			90 21.0						*T 2901.39	*T 10568.
COUNTY NAME: **DREW**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
PRAIRIE CR RES.	ARU0135	PRAIRIE CR.	CR	DAEN LMK	33 45.0	14.0	18.	18.	25.	9.	*U 0.	*U 0.
	LMK0004				91 36.0						*T .10	*T .1
CUTOFF CR RES	ARU0136	CUTOFF CR	CR	DAEN LMK	33 24.0	193.0	219.	24.	33.	97.	*U 0.	*U 0.
	LMK0005				91 32.0						*T 1.38	*T 3.3
WOLF CR RES	ARU0137	WOLF CR	CR	DAEN LMK	33 28.0	75.0	85.	27.	36.	52.	*U 0.	*U 0.
	LMK0006				91 35.0						*T .73	*T 1.5
COUNTY NAME: **FAULKNER**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
HALLS HILL RES	ARU0140	BAYOU METO	CR	DAEN LMK	34 52.0	59.0	102.	41.	56.	54.	*U 0.	*U 0.
	LMK0007				92 8.0						*T 1.07	*T 2.2

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **FAULKNER**					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
BEAVER FORK LAKE	AR00042	BEAVER FORK	S	CITY OF CONW	35 8,1	15,3	18,*	18,*	24,*	23,*E	0, *E	0,
	SWL0024			AY	92 26,7					*N	,06*N	,1
LAKE CONWAY DAM	AR00064	PALARM CREEK	S R	ARK GAME FIS	34 57,5	136,0	187,*	10,*	13,*	64,*E	0, *E	0,
	SWL0025			H COMISSION	92 24,5					*N	,29*N	,6
TOAD SUCK FERRY LOCK AND DAM	AR00170	ARKANSAS	N	DAEN SWL	35 4,6	156386,0	40976,*	8,*	60,*	37,*E	0, *E	0,
	SWL0026				92 32,3					*N	102,00*N	223,4
COUNTY NAME: **FRANKLIN**					FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW					
KINGS FORD	ARU0155	MULBERRY RIVER			35 35,0	360,0	527,*	185,*	185,*	0,*U	0, *U	0,
	SWL0027				93 58,0					*T	31,53*T	55,1
CAMP CASS	ARU0156	MULBERRY RIVER			35 36,0	270,0	395,*	100,*	100,*	0,*U	0, *U	0,
	SWL0028				93 54,0					*T	5,25*T	16,4
OZARK LOCK AND DAM	AR00164	ARKANSAS RIVER	NH	DAEN SWL	35 28,4	151820,0	32060,*	31,*	65,*	148,*E	100,00*E	429,0
	SWL0029				93 48,6					*N	230,69*N	232,7
SHORES LAKE DAM	AR00400	HURRICANE CREEK	R		35 38,0	53,4	71,*	54,*	63,*	1,*E	0, *E	0,
	SWL0030				93 57,7					*N	,97*N	1,8
SIXMILE CREEK SITE 14 DAM	AR00417	PRAIRIE CREEK	CS		35 16,0	55,5	65,*	21,*	27,*	2,*E	0, *E	0,
	SWL0031				94 1,5					*N	,35*N	,6
OZARK WATER SUPPLY LAKE DAM	AR00562	SOUTH FORK WHITE CREEK	S		35 32,0	24,6	33,*	65,*	80,*	5,*E	0, *E	0,
	SWL0032				93 50,2					*N	,70*N	1,1
COUNTY NAME: **FULTON**					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
MYATT CREEK	ARU0177	MYATT CREEK			36 22,5	142,0	132,*	115,*	115,*	0,*U	0, *U	0,
	SWL0033				91 33,0					*T	2,70*T	6,5

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **FULTON**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
WILD HORSE	ARU0182	SOUTH FORK SPRIN			36 19,0	260,0	253,*	137,*	137,*	0,*U	0, *U	0,
	SWL0034	G RIVER			91 37,5					*T	3,30*T	11,5
LAKE OMAHA DAM	AR00245	HUBBLE CREEK	R		36 18,5	7,7*	8,*	31,*	40,*	4,*E	0, *E	0,
	SWL0035				91 35,5					*N	,07*N	,1
COUNTY NAME: **GARLAND**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
LAKE OUACHITA	AR00150	OUACHITA RIVER	HCR	DAEN LMK	34 34,4	1105,0*	1317,*	168,*	229,*	3762,*E	75,00*E	165,8
	LMK0008				93 11,3					*N	2,97*N	10,1
LAKE HAMILTON	AR00534	OUACHITA RIVER	H R C	ARKANSAS PWR + LIGHT CO,	34 26,6	1458,0*	2226,*	94,*	110,*	19,*E	58,00*E	89,2
	LMK0009		S		93 1,6					*N	3,51*N	40,8
LAKE DESOTO	AR00719	MILL CREEK	R	JOHN A COOPE	34 40,9	5,0*	5,*	64,*	75,*	2,*E	0, *E	0,
	LMK0010			R CO	93 ,5					*N	,13*N	,2
PINEDA LAKE	AR00721	CEDAR CREEK	R	JOHN A COOPE	34 38,6	5,0*	5,*	34,*	46,*	2,*E	0, *E	0,
	LMK0011			R CO	92 59,5					*N	,07*N	,1
HOT SPRINGS RES	AR00724	BULL BAYOU	S	CITY OF HOT SPRINGS	34 34,0	3,0*	3,*	64,*	79,*	6,*E	0, *E	0,
	LMK0012				93 5,6					*N	,08*N	,1
COUNTY NAME: **GRANT**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
COX CR LAKE	AR00632	COX CREEK	R	ARK GAME + F	34 10,6	9,0*	13,*	21,*	26,*	1,*E	0, *E	0,
	LMK0013			ISH COMM	92 37,3					*N	,06*N	,1
COUNTY NAME: **HOT SPRING**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
ROCKPORT RES	ARU0123	OUACHITA RIVER	HCR	DAEN LMK	34 23,0	1535,0*	2344,*	16,*	22,*	18,*U	0, *U	0,
	LMK0014				92 51,0					*T	4,19*T	17,8

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: HOT SPRING					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
LAKE CATHERINE	ARO0535 LMK0015	OUACHITA RIVER	H R O	ARKANSAS PWR LIGHT CO	34 25.6 92 53.2	1548.0	2364.	50.	75.	35. N	11.00 E 23.74 N	43.2 30.3
COUNTY NAME: HOWARD					FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW					
CHURCH FORD RESERVOIR	ARU0012 SWT0004	COSSATOT RIVER	HCSD	DAEN SWT	34 16.5 94 10.5	212.0	338.	119.	130.	0. U T	0. U 6.35 T	0. U 15.5
GILLHAM RESERVOIR	ARU0017 SWT0005	COSSATOT RIVER	CSD	DAEN SWT	34 14.0 94 14.0	271.0	466.	118.	160.	222. E N	0. E 20.11 N	0. 30.3
RED HILL RESERVOIR	ARU0020 SWT0006	COSSATOT RIVER	HCSD	DAEN SWT	34 7.0 94 13.0	339.0	583.	54.	68.	0. U T	0. U 4.05 T	0. 11.7
COUNTY NAME: INDEPENDENCE					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
WOLF BAYOU	ARU0003 SWL0036	WHITE	CHR		35 44.5 91 48.5	10796.0	12300.	137.	137.	619. U T	0. U 180.00 T	0. 420.0
POLK BAYOU	ARU0179 SWL0037	POLK BAYOU	CRS		35 50.0 91 39.0	117.0	108.	61.	82.	80. U T	0. U 1.50 T	0. 3.1
USMAC CORP LAKE DAM	ARO0362 SWL0039	POLK BAYOU OFFSTR REAM	R		35 54.0 91 40.6	172.0	167.	18.	24.	5. E N	0. E .52 N	0. 1.2
COUNTY NAME: IZARD					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
LOVE	ARU0149 SWL0040	STRAWBERRY RIVER			36 8.0 91 42.0	200.0	195.	100.	100.	0. U T	0. U 3.11 T	0. 7.7
PINEY CREEK	ARU0158 SWL0041	PINEY CREEK	CRS		36 5.0 92 5.0	173.0	168.	107.	145.	210. U T	0. U 2.98 T	0. 7.2

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: IZARD						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
BOSWELL	ARU0170 SWL0042	WHITE RIVER	NA		36 2.5 92 2.5	10173.0	11600.	44.	60.	40.	U 0. T 107.62	U 0. T 303.0
DIMAND LAKE DAM	AR00228 SWL0044	STRAWBERRY RIVER OFFSTREAM	R		36 14.0 91 46.4	126.0	117.	42.	54.	3.	E 0. N 1.13	E 0. N 2.3
LAKE PIONEER DAM	AR00229 SWL0045	BENS CREEK OFFSTREAM	R		36 14.2 91 45.5	14.7	15.	30.	41.	1.	E 0. N .13	E 0. N .2
CEDAR GLADE LAKE DAM	AR00230 SWL0046	STRAWBERRY RIVER OFFSTREAM	R		36 13.4 91 46.2	51.3	48.	40.	51.	3.	E 0. N .54	E 0. N .9
WHITE OAK LAKE DAM	AR00231 SWL0047	STRAWBERRY RIVER OFFSTREAM	R		36 12.9 91 45.6	140.0	130.	38.	52.	2.	E 0. N 1.12	E 0. N 2.3
CROWN LAKE DAM	AR00232 SWL0048	BENS CREEK	R		36 12.0 91 44.8	14.7	15.	70.	86.	22.	E 0. N .30	E 0. N .4
COUNTY NAME: JEFFERSON						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
BAYOU BARTHOLOME W RES	ARU0130 LMK0016	BAYOU BARTHOLOME W	CR	DAEN LMK	34 10.0 92 10.0	21.0	26.	21.	29.	12.	U 0. T .26	U 0. T .3
BOGGY BAYOU RES	ARU0131 LMK0017	BOGGY BAYOU	CR	DAEN LMK	34 7.0 91 58.0	12.0	15.	14.	19.	3.	U 0. T .07	U 0. T .1
LOCK AND DAM NO 5	AR00166 SWL0049	ARKANSAS RIVER	N	DAEN SWL	34 24.7 92 6.2	158542.0	41541.	15.	45.	69.	E 0. N 187.42	E 0. N 410.5
COUNTY NAME: JOHNSON						FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW				
HORSEHEAD LAKE DAM	AR00441 SWL0050	HORSEHEAD CREEK	R		35 33.6 93 57.5	17.3	19.	30.	40.	3.	E 0. N .17	E 0. N .3

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: LAWRENCE					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
COOPER CREEK SITE 2 DAM	AR00371 SWL0051	EAST COOPER CREEK	C K		36 8.5 91 17.8	19.0	18.	14.	19.	5.	0. E 0. N .06	0. E .1 N
COOPER CREEK SITE 5 DAM	AR00374 SWL0052	LITTLE CREEK	C		36 3.3 91 17.4	23.4	22.	16.	22.	2.	0. E 0. N .08	0. E .2 N
FLAT CREEK SITE 3 DAM	AR00378 SWL0053	FLAT CREEK	CR		36 4.0 91 8.7	17.9	17.	19.	26.	12.	0. E 0. N .07	0. E .1 N
COUNTY NAME: LEE					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
BEAR CREEK LAKE DAM	AR00969 LMM0004	BEAR CREEK	R C	USDA FS	34 42.5 90 42.0	7.8	12.	36.	42.	9.	0. E 0. N .08	0. E .2 N
COUNTY NAME: LINCOLN					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
TURTLE CR RES	ARU0132 LMK0018	TURTLE CR	CR	DAEN LMK	34 1.0 91 51.0	19.0	24.	16.	22.	11.	0. U 0. T .12	0. U .2 T
FLAT CR RES	ARU0133 LMK0019	FLAT CR	CR	DAEN LMK	33 51.0 91 40.0	10.0	13.	15.	20.	7.	0. U 0. T .06	0. U .1 T
ABLES CR RES	ARU0134 LMK0020	ABLES CR	CR	DAEN LMK	33 49.0 91 40.0	52.0	66.	24.	32.	21.	0. U 0. T .64	0. U .7 T
COUNTY NAME: LOGAN					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
PARIS RESERVOIR DAM	AR00880 SWL0054	SHORT MOUNTAIN CREEK	S R C	CITY OF PARIS S ARKANSAS	35 16.5 93 43.6	24.0	28.	26.	30.	3.	0. E 0. N .18	0. E .3 N
AR NONAME 173	AR00881 SWL0055	SHAYER CREEK	C	WM MAGERLEIN	35 15.9 93 49.9	5.2	5.	44.	59.	1.	0. E 0. N .09	0. E .1 N

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **LOGAN**			FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW							
ARNONAME 174	AR00882	DRY FORK	C		35 15.7	35.2	41.	48.	60.	1.*E	0. *E	0.
	SWL0056				93 52.9					*N	.63*N	.9
AR NONAME 175	AR00883	CANEY CREEK	C	J C SPAIN	35 14.7	30.0	35.	33.	44.	2.*E	0. *E	0.
	SWL0057				93 53.8					*N	.35*N	.5
AR NONAME 176	AR00884	DRY FORK CREEK	C	H A PHILLIPS	35 14.5	12.6	14.	38.	51.	1.*E	0. *E	0.
	SWL0058				93 52.3					*N	.17*N	.2
COVE LAKE DAM	AR00886	COVE CREEK	C R S	USDA FS	35 14.0	53.6	63.	53.	62.	9.*E	0. *E	0.
	SWL0059				93 37.5					*N	.87*N	1.4
AR NONAME 180	AR00889	ROCKY CREEK	C	JAMES DAGAN	35 12.5	39.9	47.	27.	36.	1.*E	0. *E	0.
	SWL0060				93 57.8					*N	.35*N	.5
AR NO NAME 183	AR00892	SIX MILE CREEK	C	L J WILLIAMS	35 11.9	24.0	28.	29.	29.	2.*E	0. *E	0.
	SWL0061				92 57.1					*N	.24*N	.4
COUNTY NAME: **MARION**			FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW							
LONE ROCK	ARU0004	BUFFALO	CHR		36 7.5	1331.0	1650.	135.	182.	687.*U	0. *U	0.
	SWL0062				92 26.0					*T	65.41*T	114.9
COUNTY NAME: **MILLER**			FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW							
AR NO NAME 146	AR00749	DAYS CREEK	R	JULIUS GRABT	33 15.0	140.0	128.	30.	40.	1.*E	0. *E	0.
	LMN0002			REE	93 57.4					*N	.92*N	1.9
COUNTY NAME: **NEWTON**			FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW							
LITTLE BUFFALO	ARU0147	BUFFALO RIVER			36 1.0	350.0	442.	105.	105.	0.*U	0. *U	0.
	SWL0063				93 7.0					*T	4.68*T	16.8

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: OUACHITA					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
LOWER WHITEOAK LAKE	AR00633	WHITE OAK CREEK	R	ARK GAME + FISH COMM	33 42.1	39.0	39.	50.	68.	25.	E 0.	E 0.
	LMK0021				93 5.8						N .70	N 1.1
UPPER WHITOAK LAKE	AR00634	WHITE OAK CREEK	R	ARKANSAS GAM	33 40.0	20.0	18.	12.	16.	14.	E 0.	E 0.
	LMK0022			E + FISH COM	93 5.0						N .05	N .1
BRAGG LAKE	AR00645	BRAGG MILL CREEK	R	OUACHITA COU	33 39.0	9.0	11.	14.	19.	3.	E 0.	E 0.
	LMK0023			NTY	92 58.0						N .05	N .1
COUNTY NAME: PERRY					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
CEDAR	ARU0163	SOUTH FOURCHE LA			34 52.0	220.0	302.	115.	115.	0.	U 0.	U 0.
	SWL0064	FAVE RIVER			93 3.0						T 5.11	T 11.1
LOCK AND DAM NO 4	AR00167	ARKANSAS RIVER	N	DAEN SWL	34 14.4	158658.0	41572.	38.	38.	77.	E 0.	E 0.
	SWL5000				91 54.2						N 491.53	N 1076.6
LOCK AND DAM NO 3	AR00168	ARKANSAS RIVER	N	DAEN SWL	34 9.6	158937.0	40368.	20.	36.	50.	E 0.	E 0.
	SWL5001				91 40.7						N 228.28	N 529.8
DAM NO 2	AR00169	ARKANSAS RIVER	N	DAEN SWL	33 58.8	160427.0	40746.	14.	31.	133.	E 0.	E 0.
	SWL5002				91 11.9						N 177.83	N 384.5
HARRIS BRAKE DAM	AR00833	COFFEE CREEK	R	ARK GAME + FISH COMM	34 59.2	19.3	23.	23.	30.	16.	E 0.	E 0.
	SWL0065				92 46.5						N .12	N .2
COUNTY NAME: PHILLIPS					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
LOCK AND DAM NO 1	ARU0168	MISSISSIPPI RIVE			34 22.5	941741.0	490906.	18.	18.	0.	U 0.	U 0.
	LMM0005	R			90 40.5						T 1756.95	T 6399.5
STORM CREEK LAKE DAM	AR00971	STORM CREEK	R	USDA FS	34 36.0	10.9	16.	48.	57.	8.	E 0.	E 0.
	LMM0006				90 37.0						N .16	N .4

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POTENTIAL HYDROPOWER SITES

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COUNTY NAME: **PIKE**					FERC POWER SUPPLY AREA 35			FERC REGIONAL OFFICE CODE FW				
RIGGSBLUFF DAM	ARU0124	LITTLE MISSOURI	HCR	DAEN LMK	34 30,0	245.0	402.	26.	35.	12.*U	0. *U	0.
	LMK0024	RIVER			93 43,0					*T	2.21*T	5.6
MURFREESBORO RES	ARU0125	MUDDYFORK CR	CR	DAEN LMK	34 5,0	121.0	199.	55.	74.	151.*U	0. *U	0.
	LMK0025				93 40,0					*T	2.26*T	5.8
LAKE GREESON	AR00154	LITTLE MISSOURI	HCR	DAEN LMK	34 8,9	273.0	399.	132.	184.	601.*E	25.50*E	31.6
	LMK0026	RIVER			93 42,9					*N	0. *N	0.
COUNTY NAME: **POLK**					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
MULTIPURPOSE STRUCTURE NO 1	AR00901	IRONS FORK CREEK	S	CITY OF MENA	34 38,4	34.0	40.	61.	82.	16.*E	0. *E	0.
	LMK0027				94 7,8					*N	.74*N	1.1
LAKE WILHELMENA	AR00905	POWELL CREEK	R O	ARK GAME + F	34 36,0	14.0	20.	49.	66.	3.*E	0. *E	0.
	LMK0028			ISH COMM	94 21,6					*N	.31*N	.5
COUNTY NAME: **POPE**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
MAUPIN FLAT	ARU0157	PINEY CREEK			35 30,0	275.0	405.	140.	140.	0.*U	0. *U	0.
	SWL0066				93 9,0					*T	18.52*T	31.7
WHITE OAK	ARU0159	ARKANSAS RIVER			35 28,0	282.0	415.	150.	150.	0.*U	0. *U	0.
	SWL0067				93 1,0					*T	20.35*T	34.8
DOVER	ARU0160	ILLINOIS BAYOU			35 21,0	320.0	339.	100.	100.	0.*U	0. *U	0.
	SWL0068				93 11,0					*T	6.61*T	16.5
LAKE ATKINS DAM	AR00271	KUHN BAYOU	R		35 12,5	19.1	22.	15.	19.	5.*E	0. *E	0.
	SWL0069				92 56,0					*N	.07*N	.1
W FORK PT	AR00339	CLEAR CREEK	C		35 26,2	21.6	25.	13.	18.	4.*E	0. *E	0.
	SWL0070				92 55,0					*N	.07*N	.1

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **POPE**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
W FORK PT	AR00341	CEDAR CREEK	C		35 22,5	19,4	23,*	18,*	24,*	3,*E	0, *E	0,
	SWL0071				92 52,0					*N	,08*N	,2
W FORK PT	AR00343	ISABELLA CREEK	C		35 21,1	23,8	28,*	12,*	16,*	5,*E	0, *E	0,
	SWL0072				92 52,7					*N	,07*N	,1
COUNTY NAME: **PRAIRIE**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
PECKERWOOD LAKE DAM	AR00698	BIG LA GRUE BAYO	I R	QUEEN AND OT	34 39,0	112,6	157,*	5,*	6,*	28,*E	0, *E	0,
	LMM0007	U		HERS	91 29,5					*N	,18*N	,4
COUNTY NAME: **PULASKI**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
JACKSONVILLE AIR FORCE BASE DAM	AR00076	TR BAYOU METO	R	DOD USAF	34 53,6	22,0	26,*	24,*	24,*	2,*E	0, *E	0,
	LMK0029				92 9,9					*N	,14*N	,2
LAKE MAUMELLE DAM	AR00081	BIG MAUMELLE RIV	S	CITY OF LITT	34 51,3	137,0	188,*	53,*	62,*	220,*E	0, *E	0,
	SWL0073	ER		LE ROCK	92 29,3					*N	1,89*N	3,5
MURRAY LOCK AND DAM	AR00171	ARKANSAS RIVER	N	DAEN SWL	34 47,5	158030,0	41407,*	16,*	68,*	109,*E	0, *E	0,
	SWL0074				92 21,5					*N	206,14*N	451,5
DAVID D TERRY LOCK AND DAM	AR00172	ARKANSAS RIVER	N	DAEN SWL	34 40,0	158288,0	41475,*	14,*	39,*	60,*E	0, *E	0,
	SWL0075				92 9,3					*N	180,67*N	395,7
COUNTY NAME: **RANDOLPH**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
WATER VALLEY	ARU0007	ELEVEN POINT	CHR		36 16,5	1152,0	1150,*	64,*	87,*	175,*U	0, *U	0,
	SWL0076				91 4,5					*T	15,67*T	48,7
JANES CREEK	ARU0176	JANES CREEK	C		36 16,0	82,0	76,*	74,*	100,*	107,*U	0, *U	0,
	SWL0077				91 14,0					*T	1,38*T	2,7

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: SALINE					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
BENTON MULTIPURP OSE RES	ARU0127 LMK0030	SALINE RIVER	HCR	DAEN LMK	34 36.0 92 37.0	563.0	768.	88.	119.	980.	U 0. T 5.09	U 0. T 19.6
BENTON RES	ARU0128 LMK0031	SALINE RIVER	CSR	DAEN LMK	34 30.0 92 37.0	563.0	768.	82.	111.	668.	U 0. T 4.85	U 0. T 18.5
SLOCOMB RES	ARU0129 LMK0032	ALUM FORK	CSR	DAEN LMK	34 33.0 92 44.0	402.0	548.	89.	121.	540.	U 0. T 4.34	U 0. T 15.5
LAKE WINONA DAM	AR00001 LMK0033	ALUM FORK CREEK	SR	CITY OF LITT LE ROCK	34 47.8 92 51.0	44.0	51.	98.	98.	63.	E 0. N 1.26	E 0. N 2.1
LAKE NORREL DAM	AR00004 LMK0034	BRUSHY CREEK	SR	CITY OF BENT ON	34 37.1 92 31.9	13.0	19.	86.	86.	6.	E 0. N .51	E 0. N .8
HURRICANE LAKE DAM	AR00013 LMK0035	HURRICANE CREEK	RC	REYNOLDS ALUM CO	34 37.1 92 31.9	52.0	57.	24.	24.	5.	E 0. N .41	E 0. N .6
FERGUSON LAKE DAM	AR00028 SWL0078	CLEAR CREEK	R	COUNTRY CLUB	34 31.9 92 15.9	31.6	37.	8.	11.	4.	E 0. N .06	E 0. N .1
COUNTY NAME: SCOTT					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
YELLVILLE	ARU0145 SWL0079	CROOKED CREEK			36 13.0 92 43.0	400.0	505.	135.	135.	0.	U 0. T 20.49	U 0. T 36.3
REA	ARU0146 SWL0080	CROOKED CREEK			36 13.0 92 32.0	460.0	550.	135.	135.	0.	U 0. T 22.69	U 0. T 39.9
GRAVELLY	ARU0162 SWL0081	FOURCHE LAFAVE RIVER			34 48.5 93 47.0	330.0	427.	105.	105.	0.	U 0. T 5.96	U 0. T 15.7
POTEAU RIVER SITE '9	ARU0553 SWT0008	POTEAU RIVER	C	SCS DOA	35 .3 94 20.0	4.0	4.	32.	43.	1.	U 0. T .05	U 0. T .1

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: SCOTT					FERC POWER SUPPLY AREA 33					FERC REGIONAL OFFICE CODE FW		
POTEAU RIVER SITE '5	ARU0554 SWT0009	POTEAU RIVER	C	SCS DOA	35 1.0 / 94 3.0	10.0	9.	35.	47.	0.U / T	0. U / .14 T	0. / .2
POTEAU RIVER SITE '6	ARU0555 SWT0010	POTEAU RIVER	C	SCS DOA	35 2.5 / 94 5.0	7.0	7.	48.	65.	3.U / T	0. U / .14 T	0. / .2
POTEAU RIVER SITE '19	ARU0556 SWT0011	POTEAU RIVER	C	SCS DOA	35 54.0 / 94 5.6	12.0	13.	39.	53.	5.U / T	0. U / .17 T	0. / .2
POTEAU RIVER SITE '15	ARU0559 SWT0012	POTEAU RIVER	C	SCS DOA	34 56.5 / 94 12.7	14.0	15.	41.	55.	6.U / T	0. U / .21 T	0. / .3
POTEAU RIVER SITE '10	ARU0560 SWT0013	POTEAU RIVER	C	SCS DOA	34 59.0 / 94 24.0	10.0	11.	33.	44.	4.U / T	0. U / .11 T	0. / .2
POTEAU RIVER SITE '16	ARU0562 SWT0014	POTEAU RIVER	C	SCS DOA	34 59.4 / 94 14.8	8.0	7.	41.	55.	3.U / T	0. U / .14 T	0. / .2
POTEAU RIVER SITE '12	ARU0563 SWT0015	POTEAU RIVER	C	SCS DOA	34 55.8 / 94 16.5	7.0	7.	48.	65.	3.U / T	0. U / .14 T	0. / .2
POTEAU RIVER SITE '13	ARU0564 SWT0016	POTEAU RIVER	C	SCS DOA	34 54.8 / 94 11.5	5.0	5.	37.	50.	2.U / T	0. U / .08 T	0. / .1
ARONAME 150	AR00842 SWT0017	PINEY CREEK	C	USDA FS	34 21.0 / 94 14.0	5.0	5.	35.	48.	1.E / N	0. E / .07 N	0. / .1
	AR00844 SWT0018	ROCK CREEK	C	F=G LUMBER C=O	34 57.8 / 94 4.6	3.0	3.	45.	61.	3.E / N	0. E / .06 N	0. / .1
	ARU0847 SWT0019	EAST FORK POTEAU RIVER	C R S	HARRY + FRANCES AYRES	34 56.2 / 94 2.9	20.0	23.	30.	41.	6.E / N	0. E / .21 N	0. / .3
AROMANE 156	AR00849 SWT0021	POTEAU CREEK OFFSTREAM	C	FRANK BELTER = JOE ERWIN	34 56.3 / 94 2.9	180.0	190.	21.	29.	2.E / N	0. E / .78 N	0. / 1.4

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: SCOTT					FERC POWER SUPPLY AREA =0			FERC REGIONAL OFFICE CODE FW				
ARNOMANE 157	AR00850	POTEAU CREEK	C	SCS DOA	33 55.1	5.0	5.	36.	49.	3.*E	0. *E	0.
	SWT0022				94 7.0					*N	.08*N	.1
ARNOMANE 159	AR00852	CROSS CREEK	C	USDA FS	34 34.6	6.0	6.	40.	54.	3.*E	0. *E	0.
	SWT0023				94 15.0					*N	.10*N	.1
ARNOMANE 160	AR00853	POTEAU CREEK	C	SCS DOA	34 54.5	4.0	4.	31.	42.	1.*E	0. *E	0.
	SWT0024				93 57.8					*N	.05*N	.1
ARONOMANE 162	AR00855	POTEAU RIVER OFF	C	SCS DOA	34 57.0	12.1	13.	34.	46.	5.*E	0. *E	0.
	SWT5000	STREAM			94 18.6					*N	.15*N	.2
	AR00856	DENTON CREEK	C	USDA FS	34 50.9	5.0	5.	49.	66.	3.*E	0. *E	0.
	SWT0026				94 16.8					*N	.10*N	.1
LAKE HINKLE	AR00857	JONES CREEK	C S R	USDA FS	34 11.0	28.0	45.	47.	63.	6.*E	0. *E	0.
	SWT0027				94 56.0					*N	.74*N	1.1
ARNONANE 164	AR00858	POTEAU RIVER OFF	C	SCS DOA	34 51.2	30.0	35.	43.	58.	1.*E	0. *E	0.
	SWT0028	STREAM			94 14.5					*N	.49*N	.7
COUNTY NAME: SEARCY					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
GILBERT	ARU0174	BUFFALO RIVER			35 59.0	825.0	1041.	183.	183.	0.*U	0. *U	0.
	SWL0082				92 45.0					*T	57.28*T	101.6
COUNTY NAME: SEBASTIAN					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
LOCK AND DAM NO 13	AR00163	ARKANSAS RIVER	N	DAEN SWL	35 21.0	150547.0	31791.	17.	39.	59.*E	0. *E	0.
	SWL0083				94 17.5					*N	179.82*N	359.8
SUGAR LOAF LAKE	AR00938	JOHNSON BRANCH	R O	ARKANSAS GAM	35 5.8	6.0	6.	43.	50.	4.*E	0. *E	0.
	SWT0029			E + FISH	94 23.7					*N	.11*N	.1

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: SEVIER						FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW				
DEQUEEN RESERVOIR	ARU0013	ROLLING FORK RIV	CSRD	DAEN SWT	34 3,5	169,0	270,*	118,*	160,*	371,*E	0, *E	0,
	SWT0030	ER			94 25,0					*N	5,15*N	12,4
GENEVA RESERVOIR	ARU0016	COSSATOT RIVER	HC	DAEN SWT	34 6,0	340,0	584,*	98,*	136,*	369,*U	0, *U	0,
	SWT0031				94 13,0					*T	4,87*T	17,4
DIERKS RESERVOIR	AR00911	SALINE RIVER	CSRD	DAEN SWT	34 8,0	114,0	182,*	113,*	153,*	160,*E	0, *E	0,
	SWT0032				94 6,0					*N	3,71*N	8,3
COUNTY NAME: SHARP						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
HARDY	ARU0008	SPRING	CHR		36 19,0	869,0	1130,*	44,*	125,*	0,*U	0, *U	0,
	SWL0084				91 28,0					*T	5,26*T	22,6
BELL FOLEY	ARU0009	STRAWBERRY	CR		36 7,0	519,0	554,*	100,*	100,*	518,*U	0, *U	0,
	SWL0085				91 28,0					*T	24,00*T	26,4
RAVENDEN	ARU0148	SPRING RIVER			36 14,0	1000,0	998,*	50,*	50,*	0,*U	0, *U	0,
	SWL0086				91 16,0					*T	6,76*T	30,0
SOUTH FORK	ARU0181	SOUTH FORK SPRIN			36 19,0	326,0	357,*	150,*	150,*	0,*U	0, *U	0,
	SWL0087	G RIVER			91 31,0					*T	14,84*T	28,4
LAKE CHEROKEE DAM	AR00248	LITTLE OTTER CRE	R		36 17,5	3,6	4,*	67,*	83,*	1,*E	0, *E	0,
	SWL0088	EK			91 31,5					*N	,07*N	,1
LAKE THUNDERBIRD DAM	AR00250	BIG OTTER CREEK	R		36 18,0	5,5	6,*	65,*	83,*	12,*E	0, *E	0,
	SWL0089				91 32,0					*N	,10*N	,1
LAKE SHERWOOD DAM	AR00255	FORTY ISLAND CRE	R		36 19,0	9,8	10,*	30,*	35,*	2,*E	0, *E	0,
	SWL0090	EK			91 28,6					*N	,08*N	,1

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P R E L I M I N A R Y E S T I M A T E S

(07/09/79)

P O T E N T I A L H Y D R O P O W E R S I T E S

I N T H E S T A T E O F A R K A N S A S

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ST FRANCIS					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
LAKE ST FRANCIS DAM	AR00427 LMM0008	CROW CREEK	R		35 3,6 / 90 45,4	14,6	22,*	22,*	30,*	4,*E / *N	0, *E / ,10*N	0, *E / ,2
COUNTY NAME: STONE					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
HALF MOON	ARU0150 SWL0091	MIDDLE FORK LITT LE RED RIVER			35 45,0 / 92 25,0	165,0	256,*	200,*	200,*	0,*U / *T	0, *U / 16,41*T	0, *U / 26,8
COUNTY NAME: UNION					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
KIRKLAND MULTPUR POSE RES	ARU0126 LMK0036	SMACKOVER CR	CR	DAEN LMK	33 22,0 / 92 48,0	297,0	487,*	50,*	68,*	514,*U / *T	0, *U / 2,91*T	0, *U / 10,7
FELSENTHAL LOCK AND DAM	ARU0141 LMK0037	OUACHTA RIVER	N	DAEN LMK	33 3,6 / 92 7,5	10782,0	13358,*	18,*	36,*	0,*U / *T	0, *U / 60,13*T	0, *U / 172,1
CALION LOCK AND DAM	ARU0142 LMK0038	OUACHITA RIVER	N	DAEN LMK	33 18,4 / 92 29,0	6569,0	9224,*	12,*	34,*	0,*U / *T	0, *U / 36,54*T	0, *U / 69,8
COUNTY NAME: VAN BUREN					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
SHIRLEY	ARU0151 SWL0092	MIDDLE FORK LITT LE RED RIVER			35 39,0 / 92 18,0	200,0	310,*	215,*	215,*	0,*U / *T	0, *U / 21,38*T	0, *U / 34,9
RACCOON	ARU0152 SWL0093	DEVILS FORK LITT LE RED RIVER			35 37,0 / 92 3,0	200,0	310,*	200,*	200,*	0,*U / *T	0, *U / 19,89*T	0, *U / 32,5
ARCHEY	ARU0153 SWL0094	ARCHEY FORK LITT LE RED RIVER			35 37,0 / 92 30,0	115,0	178,*	165,*	165,*	0,*U / *T	0, *U / 4,48*T	0, *U / 11,8
EAST FORK POINT	AR00315 SWL0095	EAST POINT	C		35 27,9 / 92 33,5	58,2	101,*	11,*	15,*	2,*E / *N	0, *E / ,24*N	0, *E / ,6

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: VAN BUREN						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
EAST FORK POINT	AR00316	EF POINT	C		35 28.0	26.7	31.*	10.*	14.*	4.*E	0. *E	0.
	SWL0096				92 34.0					*N	.07*N	.1
W FORK PT	AR00328	BROCK CREEK	C		35 29.1	23.9	28.*	14.*	19.*	5.*E	0. *E	0.
	SWL0097				92 48.1					*N	.08*N	.1
COUNTY NAME: WASHINGTON						FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW				
LINCOLN LAKE DAM	AR00283	MOORES CREEK	RC		36 .5	12.0	13.*	54.*	73.*	4.*E	0. *E	0.
	SWT0033				94 25.0					*N	.24*N	.3
LAKE SEQUOYAH DAM	AR00288	WHITE RIVER	RS		35 54.0	400.0	586.*	9.*	12.*	6.*E	0. *E	0.
	SWL0098				94 7.0					*N	.46*N	1.8
COUNTY NAME: WHITE						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
JUDSONIA	ARU0006	LITTLE RED	CHR		35 16.5	1463.0	2450.*	52.*	71.*	417.*U	0. *U	0.
	SWL0099				91 37.0					*T	34.46*T	67.5
COUNTY NAME: YELL						FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW				
BLUE MOUNTAIN	AR00157	PETIT JEAN	C	DAEN SWL	35 6.1	488.0	518.*	59.*	80.*	258.*E	0. *E	0.
	SWL0100				93 38.6					*N	5.86*N	14.8
NIMROD	AR00158	FOURCHE LA FAVE	C	DAEN SWL	34 57.1	680.0	721.*	54.*	73.*	336.*E	0. *E	0.
	SWL0101				93 .5					*N	4.34*N	14.0
DARDANELLE LOCK AND DAM	AR00162	ARKANSAS RIVER	NH	DAEN SWL	35 15.0	153703.0	36417.*	49.*	66.*	486.*E	124.00*E	613.0
	SWL0102				93 10.0					*N	443.61*N	585.7
SPRING LAKE DAM	AR00754	SPRING CREEK	R	USDA FS	35 9.0	28.0	33.*	50.*	59.*	3.*E	0. *E	0.
	SWL0103				93 25.5					*N	.53*N	.7

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: YELL						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
MULTIPLE PURPOSE STRUCTURE NO 1	AR00756 SWL0104	EAST CEDAR CREEK	C R S	J C WOODSON C MCBRIDE	35 6,8 93 29,5	13,8	13,*	41,*	55,*	8,*E *N	0, *E ,23*N	0, ,3

LEGEND

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

STATE OF FLORIDA

PHYSICAL POTENTIAL FOR ADDITIONAL HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT IN THE STATE OF FLORIDA

HEAD (FT)	CUMULATIVE	.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST 1	EXIST 2	UNDEV 3	TOTAL 4	EXIST 1	EXIST 2	UNDEV 3	TOTAL 4	EXIST 1	EXIST 2	UNDEV 3	TOTAL 4	EXIST 1	EXIST 2	UNDEV 3	TOTAL 4
		INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR
0-19	NUMBER	1	14	1	15	0	0	0	0	0	0	0	0	1	14	1	15
	CAPCTY	0.0	36.0	3.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	3.0	39.0
	ENERGY	0.0	125	8.1	133	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125	8.1	133
20-49	NUMBER	0	3	0	3	0	0	0	0	0	0	0	0	0	3	0	3
	CAPCTY	0.0	8.9	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	0.0	8.9
	ENERGY	0.0	25.6	0.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.6	0.0	25.6
50-99	NUMBER	0	0	1	1	0	0	1	1	1	0	0	0	1	0	2	2
	CAPCTY	0.0	0.0	6.8	6.8	0.0	0.0	20.4	20.4	30.0	0.0	0.0	0.0	30.0	0.0	27.2	27.2
	ENERGY	0.0	0.0	22.3	22.3	0.0	0.0	65.7	65.7	232	0.0	0.0	0.0	232	0.0	88.1	88.1
>100	NUMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAPCTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ENERGY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	NUMBER	1	17	2	19	0	0	1	1	1	0	0	0	2	17	3	20
	CAPCTY	0.0	45.0	9.8	54.9	0.0	0.0	20.4	20.4	30.0	0.0	0.0	0.0	30.0	45.0	30.2	75.3
	ENERGY	0.0	151	30.4	181	0.0	0.0	65.7	65.7	232	0.0	0.0	0.0	232	151	96.2	247

LEGEND

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL
COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
CAPCTY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF FLORIDA

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CITRUS					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE					
INGLIS SPILLWAY AND DAM	FL00142 SAJ0001	WITHLACOOCHEE R ER	NRP	DAEN SAJ	29 6.0 / 82 37.1	2020.0	1488.	22.	30.	54.	E 0. / N 6.72	E 0. / N 19.5
COUNTY NAME: GADSDEN					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE AT					
JIM WOODRUFF LOC K & DAM & POWER	FL00438 SAM0086	APALACHICOLA RIV ER	NHR	COE MOD	30 42.5 / 84 51.9	17150.0	8038800.	77.	53.	406.	E 30.00 / N 0.	E 232.4 / N 0.
COUNTY NAME: GLADES					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE					
STRUCTURE 77	FL00307 SAJ0002	CALOOSATCHEE RIV ER	CSN	DAEN SAJ	26 50.3 / 81 5.2	5000.0	960.	6.	21.	8519.	E 0. / N 4.89	E 0. / N 14.2
ORTONA LOCK	FL00424 SAJ0003	CALOOSAHATCHEE R IVER	CN	DAEN SAJ	26 46.0 / 81 18.5	5258.0	1000.	8.	16.	101.	E 0. / N .37	E 0. / N 1.1
COUNTY NAME: GULF					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
DEAD LAKES DAM	FL00103 SAM0084	CHIPOLA RIVER	RP	DEAD LAKES W ATER MANAGEM	30 7.5 / 85 10.7	1206.0	542390.	16.	22.	43.	E 0. / N 7.52	E 0. / N 26.3
COUNTY NAME: HIGHLANDS					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE					
STRUCTURE 68	FL00282 SAJ0004	CANAL 41A	CI	C&SF FCD	27 18.1 / 81 15.1	622.0	109604.	7.	15.	418.	E 0. / N .62	E 0. / N 2.2
COUNTY NAME: HILLSBOROUGH					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE					
CITY OF TAMPA WA TERWORKS DAM	FL00169 SAJ0005	HILLSBOROUGH RIV ER	S	CITY OF TAMP A	28 1.5 / 82 25.9	650.0	598.	20.	27.	11.	E 0. / N 2.25	E 0. / N 5.8

LEGEND

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(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
(3) = E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF FLORIDA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: LAKE					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE					
EUGENE J BURRELL LOCK + D	FL00435 SAJ0006	HAINES CREEK	CN	SWFWMD	28 51.9 81 47.1	648.0	260.	4.	14.	190.	E 0. N .25	E 0. N .7
COUNTY NAME: LEE					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE					
W P FRANKLIN LOC K + DAM	FL00310 SAJ0007	CALOOSAHATCHEE RIVER	RNCSR	DAEN SAJ	26 43.3 81 41.6	5900.0	1400.	3.	12.	32.	E 0. N .44	E 0. N 1.5
COUNTY NAME: MANATEE					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE					
LAKE MANATEE DAM	FL00280 SAJ0008	MANATEE RIVER	S	MANATEE CO	27 29.4 82 20.0	123.0	168.	37.	50.	47.	E 0. N .69	E 0. N 1.5
COUNTY NAME: MARION					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE					
MOSS BLUFF LOCK AND SPILLWAY	FL00145 SAJ0009	OKLAWAHA R	NOCRP	SJRWMD	29 4.0 81 52.9	879.0	319.	21.	28.	146.	E 0. N 1.58	E 0. N 4.7
COUNTY NAME: MARTIN					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE					
STRUCTURE 80 ST/ LUCIE LOCK + DAM	FL00425 SAJ0010	ST LUCIE CANAL	IHCNS R	DAEN SAJ	27 6.5 80 17.3	5225.0	980.	13.	17.	8519.	E .09 N 3.94	E .1 N 24.0
COUNTY NAME: NASSAU					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE AT					
MACCLENNY	FL00004 SAS0001	ST MARYS RIVER	HR		30 21.6 82 5.2	720.0	700.	69.	80.	970.	U 0. T 6.88	U 0. T 22.3
ST GEORGE	FL00005 SAS0002	ST MARYS RIVER	HR		30 28.5 82 1.0	863.0	790.	19.	25.	23.	U 0. T 3.01	U 0. T 8.1

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF FLORIDA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: OKALOOSA					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT					
CRESTVIEW	FL00001	YELLOW RIVER			30 0,	616.0	1442.	67.	90.	420. U	0. U	0.
	SAM0065				87 0,					T	20.40 T	65.8
COUNTY NAME: OKEECHOBEE					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE					
STRUCTURE 65B	FL00286	CANAL 38 KISSIMM	CI	C+SF FCD	27 28,9	2023.0	1355.	6.	19.	8. E	0. E	0.
	SAJ0011	EE RIVER			81 9,9					N	2.20 N	6.1
STRUCTURE 65C	FL00287	CANAL 38 KISSIMM	CI	C+SF FCD	27 24,1	2742.0	1823.	7.	20.	6. E	0. E	0.
	SAJ0012	EE			81 7,5					N	3.48 N	9.7
STRUCTURE 65D	FL00288	CANAL 38 KISSIMM	CI	C+SF FCD	27 18,9	2879.0	1912.	6.	21.	8. E	0. E	0.
	SAJ0013	EE			81 1,5					N	3.13 N	8.7
STRUCTURE 65E	FL00290	CANAL 38 KISSIMM	CI	C+SF FCD	27 13,5	2960.0	1965.	5.	30.	7. E	0. E	0.
	SAJ0014	EE RIVER			80 57,5					N	2.66 N	7.5
COUNTY NAME: OSCEOLA					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE					
STRUCTURE 65	FL00271	KISSIMMEE RIVER	CIN	C+SF FCD	27 49,0	1607.0	1084.	4.	19.	730. E	0. E	0.
	SAJ0015				81 11,9					N	.39 N	2.3
COUNTY NAME: PUTNAM					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE					
RODMAN DAM	FL00156	OKLAWAHA R	NR	DAEN SAJ	29 30,0	2747.0	1630.	13.	24.	220. E	0. E	0.
	SAJ0016				81 48,6					N	3.91 N	15.1

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STATE OF GEORGIA

PHYSICAL POTENTIAL FOR ADDITIONAL HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT IN THE STATE OF GEORGIA

HEAD INCREMENT	CUMULATIVE	POTENTIAL INCREMENTAL CAPACITY RANGES															
		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST INST CAP 1	EXIST INCR CAP 2	UNDEV POTEN CAP 3	TOTAL INCR CAP 4	EXIST INST CAP 1	EXIST INCR CAP 2	UNDEV POTEN CAP 3	TOTAL INCR CAP 4	EXIST INST CAP 1	EXIST INCR CAP 2	UNDEV POTEN CAP 3	TOTAL INCR CAP 4	EXIST INST CAP 1	EXIST INCR CAP 2	UNDEV POTEN CAP 3	TOTAL INCR CAP 4
0-19	NUMBER	0	15	2	17	0	0	0	0	0	1	8	9	0	16	10	26
	CAPCTY	0.0	9.9	3.2	13.2	0.0	0.0	0.0	0.0	0.0	29.1	326	355	0.0	39.1	329	368
	ENERGY	0.0	52.2	10.1	62.4	0.0	0.0	0.0	0.0	0.0	87.5	978	1066	0.0	140	988	1128
20-49	NUMBER	3	34	9	43	2	1	6	7	1	1	18	19	6	36	33	69
	CAPCTY	9.3	52.9	40.0	92.9	32.0	22.0	130	153	60.0	32.7	1085	1118	101	106	1255	1363
	ENERGY	54.7	102	128	229	121	52.5	361	413	266	74.6	3131	3205	442	229	3619	3848
50-99	NUMBER	1	9	10	19	1	0	3	3	4	3	5	8	6	12	18	30
	CAPCTY	4.8	3.6	54.5	58.2	22.5	0.0	57.6	57.6	468	142	205	347	496	145	317	463
	ENERGY	12.0	17.9	153	171	50.7	0.0	157	157	861	161	581	742	924	179	892	1071
>100	NUMBER	1	3	10	13	3	0	0	0	10	1	2	3	14	4	12	16
	CAPCTY	6.1	12.7	83.6	96.4	51.0	0.0	0.0	0.0	1396	100.0	74.3	174	1453	113	158	271
	ENERGY	20.1	144	247	391	139	0.0	0.0	0.0	2698	178	202	380	2857	322	449	771
TOTAL	NUMBER	5	61	31	92	6	1	9	10	15	6	33	39	26	68	73	141
	CAPCTY	20.3	79.3	182	261	106	22.0	188	210	1924	304	1690	1993	2050	406	2059	2465
	ENERGY	86.8	316	538	854	311	52.5	518	570	3825	501	4892	5393	4223	870	5948	6818

LEGEND

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COLUMN 3 = UNDEVELOPED POTENTIAL
COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
CAPCTY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: APPLING					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
BIG SATILLA CREEK	GA00074	BIG SATILLA CREEK	IR		31 31,7	252,0	260,	36,	47,	151,	U 0,	U 0,
	SAS0003	K			82 13,5						T 1,53	T 3,9
COUNTY NAME: ATKINSON					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
AXSON	GA00072	SATILLA RIVER	IR		31 18,5	400,0	470,	24,	35,	125,	U 0,	U 0,
	SAS0004				82 42,4						T 1,74	T 4,6
PEARSON	GA00133	SATILLA RIVER	H		31 20,0	355,0	993,	25,	34,	44,	U 0,	U 0,
	SAS0005				82 46,1						T 1,65	T 4,3
COUNTY NAME: BALDWIN					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
LAKE SINCLAIR	GA00836	OCONEE	HR	GEORGIA POWE	33 8,4	2900,0	3300,	96,	98,	334,	E 45,00	E 160,0
	SAS0007			R CO	83 12,2						N 35,68	N 46,0
COUNTY NAME: BARROW					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
MARBURY CREEK NO 24	GA00604	MARBURY CREEK	CSR	STATE	33 57,8	10,0	13,	33,	44,	4,	E 0,	E 0,
	SAS0008				83 43,5						N ,09	N ,2
COUNTY NAME: BARTOW					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
KINGSTON	GA00011	ETOWAH RIVER			34 14,0	687,0	1209,	52,	70,	83,	U 0,	U 0,
	SAM0087				84 55,9						T 17,69	T 41,9
ALLATOONA LAKE	GA00825	ETOWAH RIVER	CHR	DAEN SAM	34 9,9	1110,0	0,	140,	190,	670,	E 74,00	E 169,0
	SAM0088				84 4,4						N 0,	N 0,

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: BIBB				FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT						
LAKE TOBESOFKEE	GA00201	TOBESOFKEE CREEK	SRD	BIBB COUNTY	32 50.0	180.0	200.	41.	54.	46.	E 0.	E 0.
	SAS0009				83 46.0						N 1.69	N 4.4
COUNTY NAME: BURKE				FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT						
LOWER BRIER CREEK	GA00094	BRIER CREEK	CSR		33 9.8	472.0	540.	15.	60.	244.	U 0.	U 0.
	SAS0010				82 2.5						T 1.66	T 5.1
COUNTY NAME: BUTTS				FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT						
LAMAR FERRY	GA00080	OCMULGEE RIVER	H		33 14.5	1514.0	1800.	38.	45.	20.	U 0.	U 0.
	SAS0013				83 49.0						T 12.90	T 44.1
MCKAY CREEK	GA00090	SOUTH RIVER	HR		33 26.0	557.0	650.	52.	59.	130.	U 0.	U 0.
	SAS0014				83 55.0						T 7.99	T 22.8
MCINTOSH LAKE	GA01038	BIG SANDY CREEK	R	STATE OF GEO	33 14.9	14.0	17.	43.	46.	1.	E 0.	E 0.
	SAS0015			RGIA	83 55.6						N .14	N .3
COUNTY NAME: CAMDEN				FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT						
BURNT FORK	GA00130	SATILLA RIVER	H		30 57.0	3070.0	2790.	40.	54.	1790.	U 0.	U 0.
	SAS0016				81 53.5						T 24.37	T 60.2
COUNTY NAME: CARROLL				FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT						
CEDAR CREEK	GA00001	CHATTAHOOCHEE RI			33 29.6	2430.0	4090.	50.	60.	297.	U 0.	U 0.
	SAM0089	VER			84 52.9						T 41.91	T 140.5
LAKE BUCKHORN	GA00131	LITTLE TALLAPOOS	CRS		33 42.0	31.0	49.	21.	28.	19.	E 0.	E 0.
	SAM0090	A RIVER			85 .5						N .18	N .6

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **CHARLTON**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
SATILLA ST.MARY	GA00134 SA80017	SATILLA ST.MARY	H		30 52.0 81 55.0	4450.0	2790.	37.	50.	3700. 	0. 36.73	U 0. T 77.4
COUNTY NAME: **CHEROKEE**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
GILMER	GA00014 SA80091	ETOWAH RIVER			34 0. 84 0.	395.0	525.	118.	160.	370. 	0. 14.21	U 0. T 39.6
CANTON	GA00015 SA80092	ETOWAH RIVER			34 0. 85 0.	590.0	1006.	60.	60.	0. 	0. 15.11	U 0. T 42.1
SHOAL CREEK	GA00021 SA80093	SHOAL CREEK			34 0. 85 0.	200.0	332.	100.	100.	0. 	0. 5.10	U 0. T 16.3
COUNTY NAME: **CLARKE**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
BARNETT SHOALS	GA01900 SA80016	OCONEE RIVER	HR	GEORGIA POWE R CO	33 50.3 83 18.4	835.0	1200.	49.	50.	3. 	2.80 11.31	E 15.0 N 20.9
COUNTY NAME: **COBB**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
VININGS	GA00005 SA80094	CHATTAHOOCHEE RI VER			33 52.2 84 29.0	1451.0	2897.	39.	43.	0. 	0. 23.97	U 0. T 77.6
COUNTY NAME: **COLUMBIA**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
AUGUSTA CANAL DI VERSION	GA00641 SA80019	SAVANNAH RIVER	SD	CITY OF AUGU STA	33 33.1 82 2.3	7174.0	9900.	5. 	14. 	3. 	0. 4.32	E 0. N 25.7
CLARK HILL LAKE	GA01701 SA80020	SAVANNAH RIVER	CNHO	DAEN SAS	33 39.7 82 11.9	6144.0	8860.	138.	168.	3850. 	280.00 0.	E 735.0 N 0.

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CRISP					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE				
GOAT ROCK LAKE	GA00826	CHATTAHOOCHEE	HR	GEORGIA PWR	32 36.6	4520.0	7270.	58.	68.	11.*E	26.00*E	169.4
	SAM0095		CO		85 4.7					*N	71.04*N	113.1
LAKE BLACKSHEAR	GA00831	FLINT	HR	CRISP COUNTY PWR COMM	31 51.0	3600.0	4346.	36.	42.	140.*E	15.20*E	55.0
	SAM0096				83 56.6					*N	22.60*N	52.5
COUNTY NAME: DADE					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
GANONAME560	GA00128	HURRICANE CK	R	DR JOE JOHNS ON	34 46.3	1.0	61.	32.	43.	0.*E	0. *E	0.
	ORN0013				85 29.3					*N	.51*N	1.2
COUNTY NAME: DAWSON					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE				
AMICALOLA CREEK WATERSHED NO. 3	GA00147	COCHRAN CREEK	C		34 33.0	6.0	62.	38.	51.	1.*E	0. *E	0.
	SAM0097				84 12.0					*N	.50*N	1.7
AMICALOLA CREEK WATERSHED NO. 4	GA00148	GAB CREEK	C		34 32.0	3.0	31.	35.	48.	1.*E	0. *E	0.
	SAM0098				84 11.0					*N	.23*N	.8
COUNTY NAME: DEKALB					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE				
STONE MOUNTAIN PARK LAKE	GA01325	TR STONE MOUNTAIN CREEK	R	STATE OF GEORGIA	33 47.4	18.0	25.	27.	35.	7.*E	0. *E	0.
	SAM0099				84 7.5					*N	.17*N	.4
COUNTY NAME: DODGE					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
ABBEYVILLE	GA00070	OCMULGEE RIVER	HRN		32 1.3	4450.0	5100.	40.	55.	1940.*U	0. *U	0.
	SAS0021				83 2.3					*T	52.97*T	138.5

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(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **DOOLY**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
MOUNTAIN CREEK	GA00019	FLINT RIVER			33 0,	3192.0	3982.	25.	36.	194.	U 0.	U 0.
	SA00100				84 0,						T 23.50	T 64.2
COUNTY NAME **DOUGHERTY**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE					
FLINT RIVER RESE	GA00835	FLINT RIVER	H R	GEORGIA POWE	31 36,1	4180.0	5047.	31.	42.	33.	E 5.40	E 33.9
RVOIR	SA00101			R CO	84 ,8						N 32.77	N 74.7
COUNTY NAME: **DOUGLAS**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE					
GEORGE H SPARKS	GA01148	DRY CREEK	R		33 45,5	14.0	22.	24.	30.	4.	E 0.	E 0.
RESERVOIR	SA00102				84 37,8						N ,10	N ,3
COUNTY NAME: **ELBERT**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
RICHARD B RUSSEL	GA00064	SAVANNAH RIVER	HCNR	DAEN SAS	34 1,5	2900.0	5100.	161.	178.	1488.	E 300.00	E 365.3
L LAKE	SA00025				82 35,7						N 0.	N 0.
TALLOW HILL	GA00066	BROAD RIVER	HR		34 5,6	749.0	760.	170.	205.	1600.	U 0.	U 0.
	SA00026				83 1,7						T 29.83	T 92.6
BEAVERDAM CREEK	GA00409	LITTLE BEAVERDAH	C		34 12,6	20.0	35.	18.	42.	5.	E 0.	E 0.
NO 30	SA00027	CREEK			82 57,8						N ,18	N ,5
COUNTY NAME: **EMANUEL**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
KEAS OLD MILL PO	GA01256	MULEPEN CREEK	R		32 31,4	20.0	21.	16.	20.	7.	E 0.	E 0.
ND	SA00028				82 31,7						N ,07	N ,2

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

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COUNTY NAME: **FANNIN**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LAKE TOCCOA	GAU0114	TOCCOA RIVER	HR	TVA	34 53.0	232.0	626.	113.	153.	196.	E 20.00	E 35.0
	ORN0014				84 16.8					N 0.	N 0.	
COUNTY NAME: **FLOYD**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
ARMUCHEE	GAU0023	COOSTANAULA RIVER			34 22.3	1900.0	3344.	44.	60.	345.	U 0.	U 0.
	SAM0103				85 7.2					T	T 41.94	T 99.3
ROCKY MOUNTAIN	GAU0025	ARMUCHEE CREEK			34 21.0	1.0	1.	501.	678.	16.	U 0.	U 0.
	SAM0104				85 18.0					T	T .13	T .3
COUNTY NAME: **FORSYTH**												
LAKE SIDNEY LANIER	GA00824	CHATTAHOOCHEE RI	CHR	DAEN SAM	34 9.6	1040.0	0.	149.	193.	2554.	E 86.00	E 170.0
	SAM0105	VER			84 4.4					N	N 0.	N 0.
COUNTY NAME: **FULTON**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE					
MORGAN FALLS RESERVOIR	GA00842	CHATTAHOOCHEE	HSR	GEORGIA PWR CO	33 58.1	1370.0	2735.	48.	56.	3.	E 16.80	E 66.2
	SAM0106				84 23.1					N	N 10.83	N 23.2
COUNTY NAME: **GILMER**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
CARTECAY	GAU0012	CARTECAY RIVER			35 0.	136.0	338.	149.	201.	160.	U 0.	U 0.
	SAM0107				84 0.					T	T 11.81	T 33.4
WATERSHED NO. 5 CARTECAY RIVER	GA00622	STOVER CREEK	C	W. L. BEARDEN	34 40.0	20.0	47.	45.	61.	1.	E 0.	E 0.
	SAM0108				84 17.5					N	N .40	N 1.4
NOBLIN DAM	GA00625	ANDERSON CREEK	C	E. NOBLIN	34 37.8	17.0	40.	41.	56.	2.	E 0.	E 0.
	SAM0109				84 19.1					N	N .31	N 1.1

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COUNTY NAME: GILMER						FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE				
GIBSON DAM	GA00627	KELLS CREEK	C	W.G. GIBSON	34 44,6	7.0	16.	41.	56.	2.	0. E	0. E
	SAM0110				84 29,1						.13 N	.5
THOMAS DAM	GA00630	BOARDTOWN CREEK	C	O. THOMAS	34 47,2	9.0	21.	44.	60.	2.	0. E	0. E
	SAM0111				84 25,6						.18 N	.6
ALLEN DAM	GA00631	ROCK CREEK	C	I. ALLEN	34 46,8	10.0	23.	43.	58.	2.	0. E	0. E
	SAM0112				84 22,8						.19 N	.7
WATERSHED NO. 10 ELLIJAY RIVER	GA00632	CHERRYLOG CREEK	C	W. PATTERSON	34 47,1	14.0	33.	26.	35.	2.	0. E	0. E
	SAM0113				84 24,1						.16 N	.6
DAVENPORT DAM	GA00634	MOUNTAINTOWN CRE	C	F. DAVENPORT	34 47,5	11.0	26.	50.	68.	3.	0. E	0. E
	SAM0114	EK TR.			84 31,8						.24 N	.9
COUNTY NAME: GORDON						FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT				
JACKS	GA00013	JACKS RIVER			35 0,	87.0	188.	140.	190.	49.	0. U	0. U
	SAM0115				85 0,						4.95 T	18.1
COUNTY NAME: HABERSHAM						FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT				
IRWINS BRIDGE	GA00007	CHATTAHOOCHEE RI			35 0,	152.0	378.	88.	103.	24.	0. U	0. U
	SAM0116	VER			84 0,						7.78 T	22.0
TUGALO LAKE	GA00843	TUGALO RIVER	HR	GEORGIA PWR	34 42,8	464.0	1150.	142.	144.	34.	45.00 E	108.0
	SAS0029			CO	83 21,2						0. N	0.
LAKE RUSSELL	GA00855	NANCY TOWN	R	USDA FS	34 29,2	7.0	846.	49.	58.	4.	0. E	0. E
	SAS0030				83 30,7						.31 N	.9

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COUNTY NAME: HALL					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
MUD CREEK	GA00004	MUD CREEK			34 0,	377.0	502.*	96.*	130.*	87.*U	0. *U	0.
	SAM0117				84 0,					*T	11.02*T	30.7
COUNTY NAME: HARRIS					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
NEW RIVERVIEW	GA00026	CHATTAHOOCHEE RI			32 46,5	3660.0	5887.*	39.*	39.*	0.*U	0. *U	0.
	SAM0118	VER			85 12,3					*T	53.02*T	154.4
LAKE HARDING	GA00830	CHATTAHOOCHEE	HR	GEORGIA POWER COMPANY	32 39,8	4240.0	0.*	120.*	141.*	124.*E	65.00*E	416.9
	SAM0119				85 5,4					*N	100.00*N	178.1
COUNTY NAME: HART					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
HARTWELL LAKE	GA01702	SAVANNAH RIVER	CNHO	DAEN SAS	34 21,4	2086.0	4200.*	177.*	199.*	3439.*E	264.00*E	453.0
	SAS0031				82 49,3					*N	0. *N	0.
COUNTY NAME: HEARD					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
FRANKLIN	GA00006	CHATTAHOOCHEE RI			33 0,	2680.0	4311.*	55.*	56.*	176.*U	0. *U	0.
	SAM0120	VER			85 0,					*T	54.75*T	159.4
COUNTY NAME: HENRY					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
PEACHSTONE	GA00067	SOUTH RIVER	HR		33 37,0	372.0	500.*	106.*	116.*	230.*U	0. *U	0.
	SAS0032				84 6,8					*T	11.09*T	31.7
SPIVEY LAKE	GA01561	TR RUM CREEK	R	DR SPIVEY	33 31,2	13.0	16.*	32.*	36.*	3.*E	0. *E	0.
	SAS0033				84 16,7					*N	.09*N	.2

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COUNTY NAME: HOUSTON					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
HOUSTON LAKE	GA00238	MOSSY CREEK	R	HOUSTON LAKE	32 30,1	110,0	140,*	18,*	20,*	2,*E	0, *E	0,
	SAS0034			COUNTRY CLB	83 39,9					*N	,49*N	1,2
COUNTY NAME: JACKSON					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
CURRY CREEK	GA00071	NORTH OCONEE RIV	CSR		34 4,7	181,0	300,*	76,*	99,*	249,*U	0, *U	0,
	SAS0035	ER			83 27,8					*T	4,18*T	11,7
TALASSEE	GA00087	MIDDLE OCONEE RI	HR		34 ,4	364,0	490,*	97,*	91,*	262,*U	0, *U	0,
	SAS0036	VER			83 32,0					*T	10,74*T	29,9
COUNTY NAME: JASPER					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
MONTICELLO	GA00085	MURDER CREEK	HR		33 20,5	46,0	120,*	61,*	75,*	40,*U	0, *U	0,
	SAS0037				83 40,0					*T	,89*T	2,4
LLOYD SHOALS	GA00487	OCMULGEE RIVER	HR	GA POWER CO	33 19,3	1400,0	1700,*	100,*	102,*	107,*E	144,00*E	67,0
	SAS0038				83 50,5					*N	0, *N	0,
COUNTY NAME: JEFF DAVIS					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
UPPER HURRICANE CREEK	GA00073	HURRICANE CREEK	IR		31 43,7	97,0	130,*	20,*	30,*	102,*U	0, *U	0,
	SAS0040				82 36,8					*T	,40*T	,9
COUNTY NAME: JEFFERSON					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
BRIER CREEK	GA00095	BRIER CREEK	CR		33 16,8	408,0	490,*	17,*	53,*	446,*U	0, *U	0,
	SAS0041				82 17,8					*T	1,62*T	5,0

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PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: JONES						FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT				
DAMES FERRY	GA00079	OCMULGEE RIVER	H		33 1.5	2118.0	3000.	27.	32.	29.U	0. U	0.
	SAS0042				83 43.5					T	16.84 T	46.0
COUNTY NAME: LIBERTY						FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT				
CANOOCHEE CREEK	GA01718	CANOOCHEE CREEK	CRO		32 1.0	30.0	26.	14.	15.	2.E	0. E	0.
LAKE	SAS0044				81 44.5					N	.08 N	.2
COUNTY NAME: LUMPKIN						FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT				
NEW BRIDGE	GA00003	CHESTATEE RIVER			35 0.	232.0	530.	115.	156.	250.U	0. U	0.
	SAM0121				84 0.					T	12.43 T	41.8
WATERSHED NO. 26	GA00545	ETOWAH RIVER	CR	L.DAVIS	34 30.8	58.0	153.	37.	50.	2.E	0. E	0.
ETOWAH RIVER	SAM0122				84 4.5					N	1.07 N	3.9
WATERSHED NO. 32	GA00547	ETOWAH RIVER	C	USDA FS	34 34.9	9.0	21.	42.	57.	3.E	0. E	0.
ETOWAH RIVER	SAM0123				84 7.8					N	.17 N	.6
ETOWAH 32	GA00853	JONES CREEK	C	USDA FS	34 35.2	10.0	23.	55.	65.	2.E	0. E	0.
	SAM0124				84 8.7					N	.24 N	.9
COUNTY NAME: MACON						FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT				
MIONA	GA00002	FLINT RIVER			32 0.	2366.0	2981.	39.	48.	414.U	0. U	0.
	SAM0125				84 0.					T	26.64 T	78.4
HIGHTOWER SHOALS	GA00008	FLINT RIVER			32 0.	1231.0	25680.	70.	70.	0.U	0. U	0.
	SAM0126				84 0.					T	24.88 T	73.2

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: MADISON					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
SOUTH RIVER NO 2 7	GA00426 SA00045	SOUTH RIVER	C		34 9,0 / 83 17,0	23,0	38,*	18,*	44,*	6,*E *N	0, *E ,22*N	0, ,7
SOUTH RIVER NO 2 9	GA00427 SA00046	BRUSH CREEK	C		34 4,0 / 83 13,6	30,0	46,*	9,*	37,*	7,*E *N	0, *E ,24*N	0, ,7
COUNTY NAME: MERIWETHER					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE				
CANE RIVER CREEK NO, 2	GA01097 SAM0127	POUNDS BRANCH	SCR	SCS	32 57,9 / 84 36,7	6,0	11,*	25,*	34,*	3,*E *N	0, *E ,07*N	0, ,2
COUNTY NAME: MITCHELL					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
LOWER VADA	GAU0017 SAM0128	FLINT RIVER			31 0, / 84 0,	7112,0	8290,*	36,*	49,*	11,*U *T	0, *U 65,48*T	0, 210,1
COUNTY NAME: MONROE					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
JACKSON BRIDGE	GAU0089 SA50047	TOWALIGA RIVER	HR		33 7,2 / 83 54,7	322,0	440,*	73,*	80,*	92,*U *T	0, *U 6,49*T	0, 18,5
TOBESOFKEE CREEK NO 70	GA01041 SA50048	LITTLE TOBESOFKEE CREEK	C		32 57,7 / 84 2,6	16,0	24,*	14,*	30,*	5,*E *N	0, *E ,08*N	0, ,2
HIGH FALLS LAKE	GA01901 SA50049	TOWALIGA RIVER	R	STATE PARK	33 6,0 / 83 47,9	128,0	214,*	36,*	49,*	14,*E *N	0, *E 1,63*N	0, 4,8
JULIETTE DAM	GA01902 SA50050	OCMULGEE RIVER	H	TRIO MANUFAC TURING	33 6,0 / 83 47,8	1960,0	2100,*	18,*	19,*	2,*E *N	0, *E 3,45*N	0, 20,4

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(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

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COUNTY NAME: **MORGAN**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
LAKE RUTLEDGE	GA00460	HARD LABOR CREEK	R	STATE PARK	33 38,5	52,0	114,	17,	20,	2,E	0, E	0,
	SAS0053				83 34,8					N	,29 N	,8
COUNTY NAME: **MURRAY**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE					
REREGULATION POO L	GA00622	COOSAWATTEE RIVE R	OHRC	DAEN SAM	34 36,2	530,0	946,	39,	46,	19,E	0, E	0,
	SAM0129				84 41,6					N	5,49 N	18,6
COUNTY NAME: **MUSCOGEE**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
COLUMBUS	GAU0010	CHATTAHOOCHEE RI			32 25,7	4640,0	6776,	33,	33,	0,U	0, U	0,
	SAM0130	VER			85 0,					T	49,00 T	150,1
OLIVER LAKE	GA00837	CHATTAHOOCHEE	HR	GEORGIA PWR	32 30,9	4600,0	6718,	48,	57,	32,E	60,00 E	265,9
	SAM0131			CO	85 0,					N	0, N	0,
ANTHONY DAM	GA01117	TR-BULL CREEK	R	J T ANTHONY	32 31,8	8,0	13,	41,	50,	2,E	0, E	0,
	SAM0132				84 52,7					N	,09 N	,3
COUNTY NAME: **NEWTON**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
BIG FLAT CREEK	GAU0076	BIG FLAT CREEK	R		33 39,3	38,0	92,	57,	65,	27,U	0, U	0,
	SAS0054				83 46,9					T	,76 T	2,2
FACTORY SHOALS	GAU0081	ALCOVY RIVER	HR		33 31,5	254,0	350,	106,	74,	62,U	0, U	0,
	SAS0055				83 50,0					T	9,48 T	27,6
LEE SHOALS	GAU0082	YELLOW RIVER	HR		33 25,5	453,0	530,	33,	39,	60,U	0, U	0,
	SAS0056				83 53,0					T	4,15 T	11,2
PORTERDALE	GA01903	YELLOW RIVER	H	BIBB MANUFAC	33 34,2	413,0	498,	47,	48,	1,E	1,20 E	5,8
	SAS0057			TURING CO	83 54,0					N	4,19 N	8,8

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **OCONEE**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
HIGH SHOALS	GA00092	APALACHEE RIVER	HR		33 49.0	151.0	260.	110.	60.	34. U	0. U	0.
	SAS0058				83 31.0					T	5.29 T	14.0
COUNTY NAME: **PICKENS**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE					
GRANDVIEW LAKE	GA00683	CHAMPION CREEK	R	GRANVIEW LAK	34 30.3	4.0	41.	67.	89.	2. E	0. E	0.
	SAM0133			E INC.	84 24.3					N	.59 N	2.0
PETIT LAKE	GA00685	EAST BRANCH	R	BIG CANOE	34 27.6	4.0	41.	59.	73.	4. E	0. E	0.
	SAM0134				84 17.8					N	.52 N	1.7
TAMARACK LAKE	GA00688	LONG SWAMP CREEK	R	BENT TREE +	34 30.2	9.0	21.	68.	88.	4. E	0. E	0.
	SAM0135			STRATTON ASS	84 31.8					N	.27 N	1.0
NONAME DAM	GA00692	POLECAT CREEK	C		34 26.3	4.0	41.	45.	61.	1. E	0. E	0.
	SAM0136				84 26.6					N	.40 N	1.3
JONES DAM	GA00703	TALKING ROCK CRE	C	GRADY JONES	34 30.7	6.0	19.	59.	80.	3. E	0. E	0.
	SAM0137	EK			84 28.9					N	.21 N	.8
WATERSHED NO. 14 LONG SWAMP CREE	GA00706	EAST BRANCH	C	T. JONES	34 25.5	9.0	21.	54.	73.	3. E	0. E	0.
	SAM0138				84 18.0					N	.21 N	.8
COUNTY NAME: **PIERCE**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
HURRICANE CREEK	GA00131	SATILLA RIVER	H		31 7.0	1930.0	993.	24.	32.	284. U	0. U	0.
	SAS0059				82 15.5					T	5.64 T	18.8
COUNTY NAME: **PUTNAM**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
MURDER CREEK	GA00093	MURDER CREEK	HR		33 14.2	226.0	340.	128.	136.	900. U	0. U	0.
	SAS0060				83 27.3					T	9.21 T	24.4

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

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COUNTY NAME: **PUTNAM**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
ROOTY CREEK NO 2	GA00406	ROOTY CREEK	C	MILNER CARNE	33 18.6	18.0	20.	16.	34.	1.*E	0. *E	0.
7	SAS0061		S		83 21.0					*N	.11*N	.2
WALLACE	GA00839	OCONEE	HR	GEORGIA PWR	33 20.6	1830.0	2420.	94.	107.	470.*E	324.00*E	341.0
	SAS0062			CO	83 9.1					*N	0. *N	0.
COUNTY NAME: **RABUN**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
SAND BOTTOM	GAU0077	CHATTOOGA RIVER	HR		34 50.8	176.0	590.	139.	119.	6.*E	66.00*E	43.0
	SAS0063				83 15.2					*N	0. *N	0.
TALLULAH FALLS LAKE	GA00844	TALLULAH RIVER	HR	GEORGIA PWR	34 44.3	186.0	480.	598.	108.	2.*E	72.00*E	170.6
	SAS0064			CO	83 22.5					*N	6.03*N	107.5
MATHIS-TERRORA	GA00845	TALLULAH	HR	GEORGIA PWR	34 45.9	151.0	410.	187.	190.	31.*E	16.00*E	46.3
	SAS0065			CO	83 25.0					*N	3.81*N	24.3
NACOOCHEE	GA00846	TALLULAH	HR	GEORGIA PWR	34 45.2	136.0	380.	62.	90.	7.*E	4.80*E	12.0
	SAS0066			CO	83 30.0					*N	1.12*N	9.1
LAKE BURTON	GA00847	TALLULAH	HR	GEORGIA PWR	34 47.6	115.0	340.	112.	114.	108.*E	6.12*E	20.2
	SAS0067			CO	83 32.4					*N	2.92*N	12.1
COUNTY NAME: **RICHMOND**					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
RICHMOND FACTORY POND	GA00922	SPIRIT CREEK	S		33 20.8	57.0	50.	19.	22.	2.*E	0. *E	0.
	SAS0068				82 3.4					*N	.23*N	.7
NEW SAVANNAH BLUFF POOL	GA01703	SAVANNAH RIVER	N	DAEN SAS	33 22.4	7420.0	10200.	13.	27.	11.*E	0. *E	0.
	SAS0069				81 56.5					*N	29.13*N	87.5
WATER RESERVOIR	GA01721	BUTLER CREEK	S		33 25.0	13.0	11.	44.	45.	2.*E	0. *E	0.
	SAS0070				82 5.0					*N	.13*N	.3

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PRELIMINARY ESTIMATES

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POTENTIAL HYDROPOWER SITES

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COUNTY NAME: ROCKDALE					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
NEW BETHEL	GAU0075	YELLOW RIVER	R		33 43,1	191.0	290.	68.	75.	39.	U 0.	U 0.
	SAS0071				84 2,5						T 3.47	T 9.8
COUNTY NAME: STEPHENS					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
LAKE LOUISE	GA00482	WALTON CREEK	R		34 36,2	4.0	12.	27.	30.	1.	E 0.	E 0.
	SAS0080				83 16,1						N .09	N .3
YONAH LAKE	GA00851	TUGALO RIVER	HR	GEORGIA PWR	34 40,9	470.0	1160.	69.	70.	9.	E 22.50	E 90.8
	SAS0081			CO	83 20,5						N 0.	N 0.
COUNTY NAME: TALBOT					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
SPEWRELL BLUFF	GAU0016	FLINT RIVER			33 0.	1210.0	1609.	107.	144.	361.	U 0.	U 0.
	SAM0139				84 0.						T 44.54	T 109.5
COUNTY NAME: TAYLOR					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
LOWER AUCHUMPKEE	GAU0022	FLINT RIVER			32 30,0	1970.0	2620.	62.	84.	124.	U 0.	U 0.
	SAM0140				84 0,						T 42.02	T 103.3
COUNTY NAME: TOWNS					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
WATERSHED NO. 25	GAU0116	HALL CK.	C	JACK VANNUS	34 57,3	2.0	21.	50.	67.	0.	E 0.	E 0.
	ORN0015				83 38,5						N .22	N .7
WATERSHED NO.18	GAU0117	SCATAWAY CK.	C	IDA BARNES	34 57,5	2.0	21.	38.	52.	0.	E 0.	E 0.
	ORN0016				83 40,4						N .17	N .6
WATERSHED NO 13	GAU0120	HIGHTOWER CK	C	W DAWSON	34 58,0	2.0	21.	55.	75.	0.	E 0.	E 0.
	ORN0017				83 36,3						N .24	N .8

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COUNTY NAME: TROUP												
WEST POINT LAKE	GA00820	CHATTAHOOCHEE RI	CHR	DAEN SAM	32 55,1	3380.0	0.	85.	106.	711.	E 73.40	E 191.0
	SAM0141	VER			85 11,3						N 35.00	N 2.0
COUNTY NAME: UNION				FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT						
NOTTELY LAKE	GAU0113	NOTTELY RIVER	CHNR	TVA	34 57,5	214.0	577.	126.	170.	174.	E 15.00	E 57.9
	ORN0018				84 5,4						N 0.	N 0.
LAKE TRAHLYIA	GAU0121	EAST FORK WOLF CR	R	VOGEL STATE	34 46,2	2.0	21.	41.	56.	0.	E 0.	E 0.
	ORN0019	K		PARK	83 55,0						N .18	N .6
LAKE WINNFIELD S COTT	GAU0122	COOPER CK	R	USDA FS	34 44,4	4.0	41.	23.	31.	0.	E 0.	E 0.
	ORN0020				83 58,6						N .20	N .7
COUNTY NAME: UPSON				FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT						
LAZER CREEK	GAU0018	FLINT RIVER			33 0,	1410.0	1759.	91.	123.	61.	U 0.	U 0.
	SAM0142				84 0,						T 37.75	T 103.1
COUNTY NAME: WARE				FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT						
WAYCROSS	GAU0132	SATILLA RIVER	H		31 18,0	1100.0	993.	26.	35.	326.	U 0.	U 0.
	SAS0082				82 27,8						T 4.45	T 12.8
COUNTY NAME: WARREN				FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT						
ROCKY COMFORT CR EEK NO 46	GA00369	ROCKY COMFORT CR	CS	CITY OF WARR	33 23,8	10.0	14.	14.	31.	5.	E 0.	E 0.
	SAS0083	EEK		ENTON	82 42,6						N .05	N .2

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: WAYNE					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
LITTLE SATILLA C REEK NO 7	GA01694 SA80086	DRY CREEK	IR	WAYNE COUNTY	31 34,5 / 82 2,6	30,0	26,*	14,*	18,*	2,*E / *N	0, *E / ,08*N	0, / ,2
COUNTY NAME: WHITFIELD					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
DALTON	GA00020 SAM0143	CONASAUGA RIVER			35 0, / 85 0,	70,0*	117,*	50,*	50,*	0,*U / *T	0, *U / 1,25*T	0, / 3,1
TILTON	GA00024 SAM0144	CONASAUGA RIVER			34 39,4 / 84 55,9	650,0*	1160,*	48,*	65,*	430,*U / *T	0, *U / 7,55*T	0, / 27,3
WATERSHED NO,7	GA00115 ORN0021	MILL CK,	C	GAIR WOODLAN DS CORP	34 45,7 / 85 1,8	13,0*	30,*	20,*	27,*	2,*E / *N	0, *E / ,11*N	0, / ,4
COUNTY NAME: WILKES					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
ANTHONY SHOALS	GA00065 SA80087	BROAD RIVER	HR		33 59,0 / 82 39,0	1490,0*	1860,*	63,*	70,*	320,*U / *T	0, *U / 28,63*T	0, / 75,0
COUNTY NAME: WORTH					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
ABRAMS CREEK	GA00009 SAM0145	FLINT RIVER			31 41,1 / 84 0,	4037,0*	4874,*	20,*	20,*	0,*U / *T	0, *U / 23,75*T	0, / 67,6

LEGEND

(1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U,S,A,C,E,) OFFICE AND SITE ID,

(2) = PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER

(3) = E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) = U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

STATE OF LOUISIANA

PHYSICAL POTENTIAL FOR ADDITIONAL HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT IN THE STATE OF LOUISIANA

POTENTIAL INCREMENTAL CAPACITY RANGES

HEAD IN FEET	CUMULATIVE TOTALS IN MW AND GWH	.05 MW - 15 MW EXIST INST 1 CAP	.05 MW - 15 MW EXIST INCR 2 CAP	.05 MW - 15 MW UNDEV POTEN 3 CAP	.05 MW - 15 MW TOTAL INCR 4 CAP	15 MW - 25 MW EXIST INST 1 CAP	15 MW - 25 MW EXIST INCR 2 CAP	15 MW - 25 MW UNDEV POTEN 3 CAP	15 MW - 25 MW TOTAL INCR 4 CAP	GREATER THAN 25 MW EXIST INST 1 CAP	GREATER THAN 25 MW EXIST INCR 2 CAP	GREATER THAN 25 MW UNDEV POTEN 3 CAP	GREATER THAN 25 MW TOTAL INCR 4 CAP	TOTAL EXIST INST 1 CAP	TOTAL EXIST INCR 2 CAP	TOTAL UNDEV POTEN 3 CAP	TOTAL TOTAL INCR 4 CAP
0-19	NUMBER	0	5	2	7	0	0	0	0	0	1	2	3	0	6	4	10
	CAPCTY	0.0	6.6	7.8	14.5	0.0	0.0	0.0	0.0	0.0	135	1248	1383	0.0	142	1256	1398
	ENERGY	0.0	16.9	28.2	45.1	0.0	0.0	0.0	0.0	0.0	386	4554	4940	0.0	403	4582	4985
20-49	NUMBER	0	13	2	15	0	0	0	0	0	2	4	6	0	15	6	21
	CAPCTY	0.0	26.8	5.4	32.2	0.0	0.0	0.0	0.0	0.0	69.4	1087	1157	0.0	96.2	1093	1189
	ENERGY	0.0	77.4	18.0	95.5	0.0	0.0	0.0	0.0	0.0	158	2587	2745	0.0	235	2605	2841
50-99	NUMBER	0	1	1	2	0	0	0	0	1	1	0	1	1	2	1	3
	CAPCTY	0.0	5.0	3.5	8.6	0.0	0.0	0.0	0.0	81.0	48.3	0.0	48.3	81.0	53.3	3.5	56.9
	ENERGY	0.0	16.0	8.6	24.6	0.0	0.0	0.0	0.0	215	73.7	0.0	73.7	215	89.7	8.6	98.4
>100	NUMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAPCTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ENERGY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	NUMBER	0	19	5	24	0	0	0	0	1	4	6	10	1	23	11	34
	CAPCTY	0.0	38.5	16.9	55.4	0.0	0.0	0.0	0.0	81.0	253	2336	2588	81.0	291	2353	2644
	ENERGY	0.0	110	54.9	165	0.0	0.0	0.0	0.0	215	618	7141	7759	215	728	7196	7925

LEGEND

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL
COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
CAPCTY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF LOUISIANA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: BEAUREGARD						FERC POWER SUPPLY AREA 35		FERC REGIONAL OFFICE CODE FW				
BUNDICK CREEK	LA00006	BUNDICK CREEK	R	STATE OF LA	30 44.0	200.0	268.	31.	42.	58.	E 0.	E 0.
	LMN0003				93 5.4						N 1.74	N 4.0
COUNTY NAME: SIENVILLE						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
KEPLER CREEK DAM	LA00021	KEPLER CREEK	R	STATE OF LA	32 19.0	46.2	47.	26.	35.	50.	E 0.	E 0.
	LMN0004				93 9.2						N 2.36	N 4.2
COUNTY NAME: BOSSIER						FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW				
LAKE BISTINEAU	LA00002	LOGGY BAYOU	RCS	STATE OF LA	32 19.5	1443.0	1470.	32.	43.	318.	E 0.	E 0.
	LMN0005				93 25.6						N 5.00	N 17.2
CYPRESS BLACK BAYOU SITE NO 1	LA00013	CYPRESS BAYOU	RS	STATE OF LA	32 39.1	130.0	132.	30.	41.	77.	E 0.	E 0.
	LMN0006				93 39.3						N .82	N 1.0
BAYOU BODCAU DAM	LA00179	BAYOU BODCAU	CR	DAEN LMN	32 42.3	656.0	591.	52.	70.	1198.	E 0.	E 0.
	LMN0007				93 30.8						N 5.02	N 16.0
COUNTY NAME: CADDO						FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW				
BLACK BAYOU DAM	LA00003	BLACK BAYOU	RO	STATE OF LA	32 52.9	231.0	203.	21.	29.	123.	E 0.	E 0.
	LMN0008				93 53.7						N 1.21	N 2.9
WALLACE LAKE DAM	LA00180	CYPRESS BAYOU	CR	DAEN LMN	32 19.0	260.0	236.	32.	43.	268.	E 0.	E 0.
	LMN0009				93 40.2						N 2.11	N 4.8
CADDO DAM	LA00181	CYPRESS BAYOU	NRS	CADDO LEVEE	32 42.4	2744.0	2089.	35.	47.	755.	E 0.	E 0.
	LMN0010			DISTRICT	93 55.1						N 26.54	N 54.0

L E G E N D

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF LOUISIANA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CALDWELL					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
COLUMBIA LOCK AND DAM	LA00177 LMK0039	OUACHITA RIVER	N	DAEN LMK	32 10,1 92 6,6	24200,0	29982,*	18,*	41,*	0,*E 0,*N	0, *E 134,96*N	0, 386,3
COUNTY NAME: CATAHOULA					FERC POWER SUPPLY AREA 35		FERC REGIONAL OFFICE CODE FW					
RED RIVER WATERWAY LOCK + DAM 1	LA00001 LMN0011	RED RIVER			31 15,0 91 57,5	67530,0*	17400,*	36,*	80,*	0,*U 0,*T	0, *U 333,90*T	0, 808,3
JONESVILLE LOCK AND DAM	LA00175 LMK0040	BLACK RIVER	N	DAEN LMK	31 29,0 91 51,7	15630,0*	7355,*	20,*	50,*	0,*E 0,*N	0, *E 42,93*N	0, 103,9
COUNTY NAME: CLAIBORNE					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
LAKE CLAIBORNE	LA00011 LMK0041	BAYOU DARBONNE	S	STATE OF LA	32 44,4 92 54,1	133,0*	153,*	37,*	50,*	200,*E 0,*N	0, *E 1,37*N	0, 2,9
CORNEY LAKE DAM	LA00094 LMK0042	CORNEY BAYOU	RCO	USDA FS	32 54,0 92 46,0	442,0*	407,*	18,*	25,*	24,*E 0,*N	0, *E 1,55*N	0, 3,6
COUNTY NAME: DE SOTO					FERC POWER SUPPLY AREA 35		FERC REGIONAL OFFICE CODE FW					
SMITHPORT DAM	LA00028 LMN0012	SAMPSON CHANNEL	RO	STATE OF LA	32 7,0 93 33,8	205,0*	207,*	11,*	15,*	42,*E 0,*N	0, *E ,28*N	0, ,5
COUNTY NAME: EAST BATON ROUGE					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
HOO SHOO TOO RESERVOIR	LA00010 LMN0013	AMITE RIVER			30 21,6 90 57,3	1370,0*	2086,*	20,*	27,*	108,*U 0,*T	0, *U 4,22*T	0, 17,7

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF LOUISIANA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: EAST FELICIANA					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
CLINTON RESERVOIR	LA00006	COMITE RIVER			30 52.0	81.0	128.	26.	57.	106.	U 0.	U 0.
	LMN0014				91 2.8						T .79	T 1.6
FELIXVILLE RESERVOIR	LA00007	AMITE RIVER			30 58.3	551.0	870.	43.	90.	710.	U 0.	U 0.
	LMN0015				90 50.9						T 4.71	T 16.5
COUNTY NAME: FRANKLIN					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
TURKEY CR LAKE	LA00029	TURKEY CREEK	RO	STATE OF LA	31 54.3	163.0	216.	25.	34.	52.	E 0.	E 0.
	LMK0043				91 46.3						N 1.35	N 1.9
COUNTY NAME: LIVINGSTON					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
DENHAM SPRINGS RESERVOIR	LA00011	AMITE RIVER			30 30.6	935.0	1373.	15.	20.	19.	U 0.	U 0.
	LMN0016				90 58.0						T 3.61	T 10.5
COUNTY NAME: NATCHITOCHES					FERC POWER SUPPLY AREA 35		FERC REGIONAL OFFICE CODE FW					
RED RIVER WATERWAY LOCK + DAM 4	LA00003	RED RIVER			31 51.0	63407.0	17400.	28.	64.	0.	U 0.	U 0.
	LMN0017				93 6.0						T 243.85	T 590.3
KISATCHIE BAYOU RESERVOIR	LA00008	KISATCHIE BAYOU			31 36.0	277.0	280.	60.	81.	450.	U 0.	U 0.
	LMN0018				93 6.0						T 3.59	T 8.6
ALLEN-CHIVERY	LA00004	BAYOU BOURBEUX	R	STATE OF LA	31 50.9	1325.0	1340.	24.	33.	280.	E 0.	E 0.
	LMN0019				92 57.5						N 3.72	N 14.1
SALINE LAKE DAM	LA00026	SALINE BAYOU	RO	STATE OF LA	31 51.5	1325.0	1130.	15.	20.	122.	E 0.	E 0.
	LMN0020				92 57.0						N 3.88	N 10.6
SIBLEY LAKE DAM	LA00027	OLD RIVER	S	STATE OF LA	31 45.3	40.0	40.	24.	32.	39.	E 0.	E 0.
	LMN0021				93 6.5						N .29	N .4

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF LOUISIANA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: POINTE COUPEE					FERC POWER SUPPLY AREA 35		FERC REGIONAL OFFICE CODE FW					
FALSE RIVER DRAI	LA00016	FALSE RIVER	R	STATE OF LA	30 37,3	45,0	71,*	19,*	24,*	160,*E	0, *E	0,
NAGE STRUCTURE	LMN0022				91 28,6					*N	,37*N	,7
COUNTY NAME: RAPIDES					FERC POWER SUPPLY AREA 35		FERC REGIONAL OFFICE CODE FW					
RED RIVER WATERW	LAU0004	RED RIVER			31 29,0	66860,0*	17400,*	29,*	74,*	0,*U	0, *U	0,
AY LOCK + DAM 3	LMN0023				92 41,0					*T	266,31*T	644,7
RED RIVER WATERW	LAU0005	RED RIVER			31 11,0	67458,0*	17400,*	18,*	64,*	0,*U	0, *U	0,
AY LOCK + DAM 2	LMN0024				92 18,0					*T	166,77*T	403,7
COUNTY NAME: RED RIVER					FERC POWER SUPPLY AREA 35		FERC REGIONAL OFFICE CODE FW					
RED RIVER WATERW	LAU0002	RED RIVER			32 13,0	64520,0*	17400,*	30,*	53,*	0,*U	0, *U	0,
AY LOCK + DAM 5	LMN0025				93 28,0					*T	243,41*T	544,0
COUNTY NAME: SABINE					FERC POWER SUPPLY AREA 35		FERC REGIONAL OFFICE CODE FW					
TOLEDO BEND	LA00030	SABINE	IHRC	SABINE RIVER	31 10,5	7176,0*	5850,*	72,*	102,*	5102,*E	81,00*E	215,0
	SWF0001			AUTHORITY	93 34,1					*N	48,30*N	73,8
LA NO NAME 85	LA00256	DICK BRANCH	O		31 22,9	20,0*	28,*	29,*	37,*	7,*E	0, *E	0,
	SWF0002				93 24,2					*N	,25*N	,4
COUNTY NAME: UNION					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
LAKE DARBONNE	LA00015	BAYOU DARBONNE	R	STATE OF LA	32 42,7	1585,0*	1820,*	38,*	51,*	240,*E	0, *E	0,
	LMK0044				92 20,4					*N	4,93*N	19,8

LEGEND

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF LOUISIANA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **VERNON**					FERC POWER SUPPLY AREA 35			FERC REGIONAL OFFICE CODE FW				
VERNON LAKE DAM	LA00022	ANACOCO BAYOU	S	ANACOCA-PRAI	31 10.6	116.0	174.	41.	56.	99.	E 0.	E 0.
	SWF0003			RIE GAME COM	93 21.5						N 1.65	N 3.8
COUNTY NAME: **WEBSTER**					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
WILLIAMS LAKE	LA00326	BODCAU BAYOU	S	INTERNATIONA	32 55.5	260.0	272.	12.	16.	3.	E 0.	E 0.
	LMN0026			L PAPER CO.	93 28.3						N .60	N 1.6
COUNTY NAME: **WEST FELICIANA**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
OLD RIVER CONTRO	LAU0009	MISSISSIPPI RIVE			31 6.0	1128940.0	165000.	10.	10.	0.	U 0.	U 0.
L STRUCTURE	LMN0027	R			90 36.0						T 1081.48	T4150.2

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STATE OF MISSISSIPPI

PHYSICAL POTENTIAL FOR ADDITIONAL HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT IN THE STATE OF MISSISSIPPI

POTENTIAL INCREMENTAL CAPACITY RANGES

HEAD IN FEET	CUMULATIVE TOTALS	.05 MW - 15 MW EXIST INST 1 CAP	.05 MW - 15 MW EXIST INCR 2 CAP	.05 MW - 15 MW UNDEV POTEN 3 CAP	.05 MW - 15 MW TOTAL INCR 4 CAP	15 MW - 25 MW EXIST INST 1 CAP	15 MW - 25 MW EXIST INCR 2 CAP	15 MW - 25 MW UNDEV POTEN 3 CAP	15 MW - 25 MW TOTAL INCR 4 CAP	GREATER THAN 25 MW EXIST INST 1 CAP	GREATER THAN 25 MW EXIST INCR 2 CAP	GREATER THAN 25 MW UNDEV POTEN 3 CAP	GREATER THAN 25 MW TOTAL INCR 4 CAP	TOTAL EXIST INST 1 CAP	TOTAL EXIST INCR 2 CAP	TOTAL UNDEV POTEN 3 CAP	TOTAL TOTAL INCR 4 CAP
0-19	NUMBER	0	10	1	11	0	0	0	0	0	0	0	0	0	10	1	11
	CAPCTY	0.0	1.6	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	1.7
	ENERGY	0.0	4.1	0.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.2	4.4
20-49	NUMBER	0	38	34	72	0	1	1	2	0	1	1	2	0	40	36	76
	CAPCTY	0.0	11.6	41.3	53.0	0.0	16.1	23.2	39.3	0.0	62.8	45.0	108	0.0	90.6	110	200
	ENERGY	0.0	40.1	103	143	0.0	65.0	54.3	119	0.0	112	87.1	199	0.0	217	244	462
50-99	NUMBER	0	2	3	5	0	0	0	0	0	1	0	1	0	3	3	6
	CAPCTY	0.0	7.3	10.0	17.3	0.0	0.0	0.0	0.0	0.0	33.9	0.0	33.9	0.0	41.2	10.0	51.2
	ENERGY	0.0	26.7	34.0	60.8	0.0	0.0	0.0	0.0	0.0	80.2	0.0	80.2	0.0	107	34.0	141
>100	NUMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAPCTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ENERGY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	NUMBER	0	50	38	88	0	1	1	2	0	2	1	3	0	53	40	93
	CAPCTY	0.0	20.5	51.4	72.0	0.0	16.1	23.2	39.3	0.0	96.8	45.0	142	0.0	134	120	253
	ENERGY	0.0	71.1	137	208	0.0	65.0	54.3	119	0.0	192	87.1	280	0.0	329	278	607

LEGEND

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL
COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
CAPCTY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ADAMS				FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW						
SECOND CR WATERSHED STR 6A	MS00425 LMK0045	SECOND CR	C	RICHARD AYER S CRAIG	31 30,4 91 16,5	6,0	8,*	34,*	46,*	2,*E *N	0, *E ,12*N	0, ,1
SECOND CR WATERSHED STR 6B	MS00427 LMK0046	SECOND CR	C	ELOISE RAY	31 30,0 91 16,0	9,0	11,*	35,*	48,*	4,*E *N	0, *E ,10*N	0, ,1
SECOND CR WATERSHED STR 7	MS00429 LMK0047	SECOND CR	C	E B ODGEN	31 28,1 91 20,0	17,0	21,*	34,*	46,*	6,*E *N	0, *E ,19*N	0, ,3
SECOND CR WATERSHED STR 10B	MS00431 LMK0048	SECOND CR	C	MARY C ARMST RONG	31 24,6 91 20,0	3,0	33,*	27,*	37,*	1,*E *N	0, *E ,21*N	0, ,6
SECOND CR WATERSHED STR 10A	MS00432 LMK0049	SECOND CR	C	FORREST FLIN N	31 24,1 91 19,0	3,0	33,*	23,*	31,*	1,*E *N	0, *E ,18*N	0, ,5
SECOND CR STRUCTURE 12 WATERSHED	MS00435 LMK0050	LATERAL NUMBER 4	C	JOHN MANVILL E PRODUCT	31 28,1 91 22,0	4,0	45,*	21,*	28,*	2,*E *N	0, *E ,21*N	0, ,6
SECOND CR WATERSHED STR 8	MS00438 LMK0051	SECOND CR	C	SIDNEY B MCC ALEB	31 21,8 91 21,8	5,0	56,*	21,*	28,*	2,*E *N	0, *E ,27*N	0, ,8
SECOND CR WATERSHED STR 9	MS00439 LMK0052	SECOND CR	C	N L CARPENTE R	31 22,1 91 20,2	3,0	33,*	24,*	32,*	1,*E *N	0, *E ,18*N	0, ,5
SECOND CR WATERSHED STR 1	MS00440 LMK0053	SECOND CR	C	T K ARMSTRON G	31 20,8 91 24,4	4,0	45,*	27,*	36,*	1,*E *N	0, *E ,27*N	0, ,8
COUNTY NAME: AMITE				FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW						
SANSING LAKE	MS00237 LMN0028	WEST FORK WAGONE R CREEK	R	KENNEN	31 11,5 90 55,8	50,0	79,*	13,*	17,*	1,*E *N	0, *E ,22*N	0, ,5

LEGEND

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ATTALA						FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW			
ZILPHA CR RES	MS00208 LMK0054	ZILPHA CR	C	DAENLMK	33 14.0 89 43.0	89.0	121.	27.	37.	52. U T	0. U .89 T	0. 1.6
SHARKEY CR RES	MS00209 LMK0055	SHARKEY CR	C	DAENLMK	33 8.0 89 44.0	21.0	32.	21.	29.	13. U T	0. U .15 T	0. .3
APOOKTA CR RES	MS00210 LMK0056	APOOKTA CR	C	DAENLMK	33 6.0 89 44.0	59.0	80.	30.	40.	36. U T	0. U .74 T	0. 1.3
SENEATCHA CR RES	MS00211 LMK0057	SENEATCHA CR	C	DAENLMK	32 56.0 89 52.0	100.0	136.	25.	34.	56. U T	0. U .89 T	0. 1.7
COUNTY NAME: BENTON						FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT			
LT-7-2	MS00941 LMK0058	LITTLE SNOW CR	C	TIPPAH RIV T RI-CO DR DST	34 46.6 89 15.6	17.0	31.	24.	33.	5. E N	0. E .14 N	0. .3
TIPPAH RI WATERS HED LT-7-4	MS00944 LMK0059	WAGGNER CREEK	C	TIPPAH RIV T RI-CO DR DST	34 45.4 89 15.8	10.0	15.	25.	34.	3. E N	0. E .07 N	0. .2
TIPPAH RI WATERS HED LT-7-3	MS01462 LMK0060	TR-BIG SNOW CREE K	C	USDA FS	34 47.3 89 15.2	13.0	24.	30.	40.	4. E N	0. E .15 N	0. .3
COUNTY NAME: CARROLL						FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW			
PINEBLUFF FLD CN TL RES	MS00182 LMK0061	ABIACA CR.	C	DAENLMK	33 23.0 90 8.0	95.0	129.	34.	46.	66. U T	0. U 1.18 T	0. 2.2
VALLEY HILL FLD CNTL RES	MS00183 LMK0062	PELUCIA CR	C	DAENLMK	33 28.0 90 2.0	67.0	91.	34.	46.	44. U T	0. U .90 T	0. 1.6
MALMASION FLD CN TL RES	MS00184 LMK0063	BIG SAND CR	C	DAENLMK	33 32.0 90 0.	110.0	150.	41.	55.	102. U T	0. U 1.52 T	0. 2.9

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **CARROLL**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
TEOC FLD CNTL RES	MS00185 LMK0064	TEOC CR	C	DAENLMK	33 35,0 90 2,0	33,0	49, 	31, 	42, 	21,U T	0,U ,30T	0, ,7
AVALON FLD CNTL RES	MS00186 LMK0065	POTACOCOWA CR	C	DAENLMK	33 40,0 90 2,0	62,0	92, 	26, 	35, 	38,U T	0,U ,47T	0, 1,2
ABIACA WATERSHED Y=34=5	MS01042 LMK0066	TR=COILA CREEK	C	M STONE	32 23,0 90 2,9	6,0	8, 	30, 	40, 	2,E N	0,E ,07N	0, ,1
ABIACA WATERSHED Y=34=6	MS01043 LMK0067	COILA CREEK	C	BILLY DAVES	33 22,8 90 1,8	14,0	19, 	30, 	41, 	5,E N	0,E ,16N	0, ,3
ABIACA WATERSHED Y=34=7	MS01044 LMK0068	TR=COILA CREEK	C	R L BEARD	33 21,5 90 0,	6,0	8, 	29, 	39, 	2,E N	0,E ,06N	0, ,1
ABIACA WATERSHED Y=34=8	MS01045 LMK0069	TR=ABIACA CREEK	C	B B SANDERS	33 19,7 89 57,7	10,0	14, 	27, 	36, 	4,E N	0,E ,09N	0, ,2
ABIACA WATERSHED Y=34=11	MS01046 LMK0070	ABOTCAPUTA CREEK	C	B H MCCARTY	33 26,9 90 3,6	10,0	14, 	33, 	44, 	4,E N	0,E ,12N	0, ,2
BIG SAND WATERSHED Y=32=9A	MS01056 LMK0071	TR=LITTLE SAND CREEK	C	B T BAILEY	33 28,9 89 50,5	7,0	10, 	27, 	37, 	3,E N	0,E ,07N	0, ,1
BIG SAND WATERSHED Y=32=10	MS01059 LMK0072	THOMPSON CREEK	C	PIERPONT	33 32,5 89 49,8	14,0	19, 	29, 	39, 	3,E N	0,E ,15N	0, ,3
BIG SAND WATERSHED Y=32=11	MS01060 LMK0073	MAGIC CREEK	C	CHARLIE WALKER	33 33,1 89 51,0	8,0	11, 	33, 	45, 	3,E N	0,E ,10N	0, ,2
BIG SAND WATERSHED Y=32=12	MS01061 LMK0074	BEASLEY CREEK	C	CATHERINE WILLIAMS	33 32,6 89 54,5	9,0	12, 	29, 	39, 	4,E N	0,E ,10N	0, ,2
BIG SAND WATERSHED Y=32=16	MS01064 LMK0075	LITTLE TEOC CREEK	C	SAN LONG	33 34,5 90 2,2	9,0	12, 	35, 	47, 	3,E N	0,E ,11N	0, ,2

LEGEND

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CARROLL						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
BIG SAND WATERSHED Y=32=17	MS01065 LMK0076	TEOC CREEK	C	ROY MEEKS	33 35.2 90 1.4	14.0	19.	35.	48.	5.	E 0. N .18	E 0. N .3
POTACOCAWA WATERSHED Y=31A=13	MS01081 LMK0077	PURNELL CREEK	C	MCDONALD	33 38.2 89 52.2	9.0	12.	29.	39.	2.	E 0. N .10	E 0. N .2
PELUCIA CR WATERSHED Y=33A=1	MS01593 LMK0078	TR=PELUCIA CREEK	C	O K GEE	33 27.6 89 56.3	10.0	14.	27.	36.	3.	E 0. N .09	E 0. N .2
COUNTY NAME: CHICKASAW						FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE				
BIFFLE DAM	MS00304 SAM0146	TR=CHUQUATONCHEE CREEK	CR E	SIDNEY BIFFL	34 3.9 88 55.3	12.0	22.	27.	36.	4.	E 0. N .11	E 0. N .2
ARON DAM	MS00305 SAM0147	TR=CHUQUATONCHEE CREEK	CR	BILLY ARON	34 3.4 88 54.0	7.0	13.	22.	30.	2.	E 0. N .05	E 0. N .1
COUNTY NAME: CHOCTAW						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
MCCURTAIN CR RES	MSU0204 LMK0079	MCCURTAIN CR	C	DAENLMK	33 26.0 89 22.0	39.0	71.	22.	30.	23.	U 0. T .46	U 0. T .8
COUNTY NAME: CLARKE						FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE				
ARCHUSA CREEK	MS01402 SAM0148	CEDAR CREEK	R	CITY OF QUIT MAN	32 1.2 88 43.7	60.0	74.	17.	23.	6.	E 0. N .24	E 0. N .5
COUNTY NAME: DESOTO						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
LEWISBURG FD CNTL RES	MSU0193 LMK0080	COLDWATER RIVER	C	DAENLMK	34 52.0 89 48.0	445.0	579.	38.	51.	514.	U 0. T 3.36	U 0. T 10.9

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: DESOTO					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
ARKABUTLA DAM	MS01496 LMK0081	COLDWATER RIVER	CR	DAEN LMK	34 45.4 90 7.4	1000.0	1355.	43.	68.	1383.	E 0. N 6.49	E 0. N 29.1
COUNTY NAME: FORREST					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
JPSP DAM	MS02490 SAM0149	WALLS CREEK	R	PAUL JOHNSON STATE PARK	31 10.5 89 14.4	15.0	19.	19.	26.	7.	E 0. N .07	E 0. N .1
COUNTY NAME: GEORGE					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE AT					
EDINBURG	MSU0004 SAM0150	PEARL RIVER			33 0. 89 0.	867.0	1087.	41.	55.	450.	U 0. T 4.76	U 0. T 17.3
COUNTY NAME: GRENADA					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
GRENADA DAM	MS01494 LMK0082	YALOBUSHA RIVER	CR	DAEN LMK	33 48.5 89 46.3	1320.0	1672.	47.	86.	2722.	E 0. N 16.11	E 0. N 65.1
COUNTY NAME: HINDS					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
EDWARDS RES	MSU0194 LMK0083	BIG BLACK RIVER	HCR	DAENLMK	32 25.0 90 36.0	2400.0	3057.	43.	58.	2120.	U 0. T 45.01	U 0. T 87.2
PORTERS>COX RES.	MSU0201 LMK0084	PORTERS CR	C.	DAENLMK	32 27.0 90 35.0	35.0	44.	25.	34.	21.	U 0. T .52	U 0. T .5
COUNTY NAME: HOLMES					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
HOWARD FLD CNTL RES	MSU0180 LMK0085	BLACK CR	C	DAENLMK	33 7.0 90 10.0	149.0	203.	36.	49.	105.	U 0. T 1.73	U 0. T 3.4

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: HOLMES					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
GARDEN CHAPEL FL D CNTL RES	MSU0181 LMK0086	CHICCPA CR	C	DAENLMK	33 16,0 90 7,0	27,0	41,*	45,*	61,*	18,*U *T	0, *U ,42*T	0, ,9
BIG CYPRESS CR R ES,	MSU0195 LMK0087	BIG CYPRESS CR	C	DAENLMK	32 51,0 90 36,0	79,0	100,*	22,*	30,*	44,*U *T	0, *U ,72*T	0, ,9
TCHULA FLD CNTL RES	MSU0212 LMK0088	FANEGUSHA CR	C	DAENLMK	33 10,0 90 10,0	99,0	135,*	44,*	60,*	66,*U *T	0, *U 1,51*T	0, 2,9
BLACK WATERSHED Y=36=23	MS00081 LMK0089	LONG CREEK	C	B B PROVINE	33 11,1 90 6,8	13,0	18,*	28,*	38,*	4,*E *N	0, *E ,13*N	0, ,2
BLACK WATERSHED Y=36=37	MS00089 LMK0090	TR=TARREY CREEK	C	GUY BROWN	33 5,4 90 ,3	5,0	7,*	30,*	40,*	1,*E *N	0, *E ,05*N	0, ,1
COUNTY NAME: JONES					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
BOGUE HOMO,	MS02373 SAM0151	BOGUE HOMO	R	CITY OF LUAR EL	31 42,1 89 1,2	137,0	202,*	13,*	17,*	23,*E *N	0, *E ,46*N	0, 1,2
COUNTY NAME: LAFAYETTE					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LT=14A=1	MS00930 LMK0091	PUSKUS CREEK	C	TALLAHATCHIE RIVER SCD	34 26,5 89 20,8	16,0	22,*	23,*	31,*	4,*E *N	0, *E ,09*N	0, ,2
COUNTY NAME: LAMAR					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
LSA DAM	MS00697 SAM0152	PERKINS CREEK OF FSTREAM	R	LAKE SERENE ASSOCIATION	31 18,0 89 26,3	5,0	56,*	15,*	20,*	5,*E *N	0, *E ,18*N	0, ,6

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(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: LAUDERDALE						FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE				
OKATIBBEE LAKE	MS01491 SAM0153	OKATIBBEE CREEK	CRS	DAEN SAM	32 28,5 88 47,9	154,0	190,0	52,0	67,0	59,0	E 0, N 2,05	E 0, N 4,9
DALEWOOD DAM	MS02586 SAM0154	TR-PONTA CREEK	R	DALEWOOD SHO RE SUBDIVISI	32 29,6 88 30,8	25,0	31,0	19,0	25,0	20,0	E 0, N ,11	E 0, N ,2
COUNTY NAME: MADISON						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
DOAKS CR RES,	MSU0198 LMK0092	DOAKS CR	C	DAENLMK	32 43,0 89 55,0	103,0	140,0	26,0	35,0	60,0	U 0, T ,95	U 0, T 1,8
PANTHER CR RES,	MSU0199 LMK0093	PANTHER CR	C	DAENLMK	32 40,0 90 5,0	17,0	26,0	17,0	23,0	10,0	U 0, T ,09	U 0, T ,2
BOGUE-CHITTO RES	MSU0200 LMK0094	BOGUE-CHITTO RIV ER	C	DAENLMK	32 32,0 90 23,0	151,0	189,0	27,0	36,0	82,0	U 0, T 1,26	U 0, T 2,4
COUNTY NAME: MARSHALL						FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT				
LT-7-1 CHEWALLA	MS00943 LMK0095	CHEWALLA CREEK	CR	TIPPAH RIVER DRAIN DIST	34 46,6 89 20,2	29,0	53,0	24,0	32,0	5,0	E 0, N ,25	E 0, N ,5
COUNTY NAME: MONTGOMERY						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
WOLF CR RES	MSU0205 LMK0096	WOLF CR	C	DAENLMK	33 27,0 89 31,0	45,0	82,0	24,0	32,0	26,0	U 0, T ,57	U 0, T ,9
MULBERRY CR RES	MSU0206 LMK0097	MULBERRY CR	C	DAENLMK	33 27,0 89 33,0	45,0	82,0	21,0	28,0	27,0	U 0, T ,50	U 0, T ,8
POPLAR CR RES	MSU0207 LMK0098	POPLAR CR	C	DAENLMK	33 21,0 89 34,0	81,0	110,0	22,0	30,0	47,0	U 0, T ,67	U 0, T 1,2

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: PANOLA					FERC POWER SUPPLY AREA 25					FERC REGIONAL OFFICE CODE FW		
MCIVOR FLD CNTL RES	MSU0190 LMK0099	MCIVOR CR	C	DAENLMK	34 21,0 90 2,0	69,0	98,*	25,*	34,*	42,*U *T	0, ,67*T	0, 1,2
INDIAN FLD CNTL RES	MSU0191 LMK0100	INDIAN CR	C	DAENLMK	34 28,0 90 8,0	13,0	19,*	27,*	37,*	78,*U *T	0, ,11*T	0, ,3
SARDIS DAM	MS01493 LMK0101	LITTLE TALLAHATC*CR HIE RIVER		DAEN LMK	34 24,0 89 47,5	1545,0	2207,*	53,*	107,*	3017,*E *N	0, 33,91*N	0, 80,3
INDIAN CR WATERS HED Y-9A-14	MS01676 LMK0102	INDIAN CREEK	C	DR SNYDER	34 27,1 90 8,7	12,0	16,*	35,*	47,*	4,*E *N	0, ,15*N	0, ,3
COUNTY NAME: PIKE					FERC POWER SUPPLY AREA 25					FERC REGIONAL OFFICE CODE FW		
PERCY QUINN LAKE	MS00579 LMN0029	TR-TANGIPAHOA RI VER	R	PERCY QUINN STATE PARK	31 10,5 90 31,4	56,6	96,*	21,*	28,*	12,*E *N	0, ,50*N	0, 1,1
COUNTY NAME: PONTOTOC					FERC POWER SUPPLY AREA 20					FERC REGIONAL OFFICE CODE		
COX DAM	MS00608 SAM0155	CHIWAPA CREEK	C	J T COX	34 11,2 88 59,1	6,0	15,*	20,*	27,*	2,*E *N	0, ,05*N	0, ,1
JACKSON DAM	MS00610 SAM0156	CHIWAPA CREEK	C	W H JACKSON	34 10,2 88 58,6	11,0	20,*	19,*	26,*	4,*E *N	0, ,07*N	0, ,2
COUNTY NAME: PRENTISS					FERC POWER SUPPLY AREA 20					FERC REGIONAL OFFICE CODE AT		
LOCK E LAKE	MSU0007 SAM0166	TOMBIGBEE RIVER			35 0, 88 0,	60,0	97,*	30,*	30,*	0,*U *T	0, ,73*T	0, 1,8

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: RANKIN						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE				
PRVW DAM	MS02716	PEARL RIVER	RS	PEARL RIVER	32 24,0	2970,0	3817,*	44,*	52,*	400,*E	0, *E	0,
	SAM0157			VALLEY WATER	90 3,8					*N	62,90*N	112,1
COUNTY NAME: SIMPSON						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE AT				
D-LO	MSU0001	STRONG RIVER			32 0,	360,0	472,*	67,*	90,*	313,*U	0, *U	0,
	SAM0158				89 0,					*T	3,58*T	12,2
LOWER STRONG	MSU0005	STRONG RIVER			32 0,	630,0	846,*	50,*	68,*	220,*U	0, *U	0,
	SAM0159				89 0,					*T	4,37*T	16,9
COUNTY NAME: STONE						FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT				
BENNDALE	MSU0014	BLACK CREEK			31 0,	530,0	810,*	46,*	62,*	153,*U	0, *U	0,
	SAM0160				89 0,					*T	6,49*T	19,5
NONAME DAM	MS02048	FLINT CREEK	R		30 52,4	2,0	22,*	17,*	22,*	7,*E	0, *E	0,
	SAM0161				89 7,4					*N	,08*N	,3
ROGERS DAM	MS02073	CYPRESS CREEK OF	R	ROGERS	30 45,5	63,0	129,*	8,*	10,*	0,*E	0, *E	0,
	SAM0162	FSTREAM			89 19,6					*N	,20*N	,5
COUNTY NAME: TALLAHATCHIE						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
PAYNES FLD CNTL RES	MSU0187	ASCALMORE CR	C	DAENLMK	33 50,0	28,0	42,*	34,*	46,*	166,*U	0, *U	0,
	LMK0103				90 3,0					*T	,28*T	,7
CHARLESTON NO 2	MSU0188	SOUTH TILLATOBA	C	DAENLMK	34 0,	56,0	80,*	26,*	35,*	37,*U	0, *U	0,
	LMK0104	CR			90 3,0					*T	,64*T	,9
CHARLESTON NO 1	MSU0189	NORTH TILLATOBA	C	DAENLMK	34 3,0	49,0	89,*	30,*	41,*	29,*U	0, *U	0,
	LMK0105	CR			90 1,0					*T	,75*T	1,3

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: TALLAHATCHIE					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
ASCALMORE CR STR UCTURE Y-17A-1	MS01683 LMK0106	ASCALMORE CREEK	C	H R WRITTEN	33 55.0 89 59.9	11.0	16. 	27. 	36. 	3.E N	0. E .09N	0. .2
ASCALMORE CR STR UCTURE Y-17A-2	MS01684 LMK0107	YOUNG CREEK	C	ANN NEWTON E STATE	33 54.1 90 2.8	6.0	9. 	29. 	39. 	2.E N	0. E .05N	0. .1
COUNTY NAME: YATE					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
ARKABUTLA>STRAYH ORN RES.	MSU0192 LMK0108	ARKABUTLA>STRAYH ORN CR.	C	DAENLMK	34 37.0 90 12.0	158.0	252. 	26. 	38. 	160.U T	0. U 1.84T	0. 4.4
COUNTY NAME: TIPPAH					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
WEST HATCHIE WAT ERSHED 36	MS01869 LMM0010	LITTLE HATCHIE R IVER	C	OVERT DUNCAN	34 42.3 88 52.5	9.4	17. 	24. 	32. 	2.E N	0. E .07N	0. .2
COUNTY NAME: TISHOMINGO					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
BAY SPRI[illegible] LAKE	MSU0006 ORN0048	TOMBIGBEE RIVER			35 0. 88 0.	66.0	107. 	76. 	76. 	0.U T	0. U 2.05T	0. 5.0
COUNTY NAME: UNION					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE				
SPECK DAM	MS01897 SAM0163	SAWMILL CREEK	CR	JESSIE D SPE CK JR	34 27.3 88 50.2	8.0	15. 	27. 	36. 	7.E N	0. E .08N	0. .2
COUNTY NAME: WARREN					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
BEAR CR RES	MSU0202 LMK0109	BEAR CR	C	DAENLMK	32 26.0 90 38.0	14.0	21. 	28. 	38. 	9.U T	0. U .14T	0. .3

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: WAYNE					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT					
WAYNESBORO	MS00002	CHICKASAWHAY RIV			32 0,	1640.0	2203.*	45.*	61.*	227.*U	0.	0.
	SAM0164	ER			89 0,					*T	23.27	54.4
BUCKATUNNA	MS00003	BUCKATUNNA RIVER			32 0,	495.0	650.*	46.*	62.*	156.*U	0.	0.
	SAM0165				89 0,					*T	4.69	13.2
COUNTY NAME: WEBSTER					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
CALABRELLA CR RES.	MS00203	CALABRELLA CR.	C	DAENLMK	33 33,0	45.0	82.*	21.*	29.*	27.*U	0.	0.
	LMK0110				89 23,0					*T	.52	.9
COUNTY NAME: YALOBUSHA					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
ENID DAM	MS01495	YOCONA RIVER	CR	DAEN LMK	34 9,5	560.0	844.*	54.*	94.*	1214.*E	0.	0.
	LMK0111				89 54,0					*N	5.25	21.8
COUNTY NAME: YAZOO					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
VAUGHAN CR RES.	MS00196	VAUGHAN CR	C	DAENLMK	32 49,0	6.0	12.*	21.*	28.*	5.*U	0.	0.
	LMK0112				90 3,0					*T	.05	.1

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STATE OF NORTH CAROLINA

PHYSICAL POTENTIAL FOR ADDITIONAL HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT IN THE STATE OF NORTH CAROLINA

HEAD (FT)		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP
0-19	NUMBER	21	37	2	39	0	1	0	1	0	1	0	1	21	39	2	41
	CAPCTY	11.0	49.9	6.7	56.7	0.0	17.7	0.0	17.7	0.0	26.4	0.0	26.4	11.0	94.1	6.7	101
	ENERGY	28.6	138	15.6	154	0.0	31.2	0.0	31.2	0.0	57.3	0.0	57.3	28.6	227	15.6	243
20-49	NUMBER	23	60	1	61	1	0	0	0	0	3	4	7	24	63	5	68
	CAPCTY	20.6	68.0	2.1	70.1	18.0	0.0	0.0	0.0	0.0	106	166	273	38.6	174	168	343
	ENERGY	77.1	202	5.2	208	10.3	0.0	0.0	0.0	0.0	216	359	575	87.4	418	364	782
50-99	NUMBER	5	16	15	31	2	2	6	8	9	4	5	9	16	22	26	48
	CAPCTY	16.3	24.3	71.7	96.0	43.5	36.1	131	167	588	169	275	444	648	229	477	707
	ENERGY	61.5	77.9	229	307	217	111	309	419	1483	358	712	1070	1762	547	1249	1796
>100	NUMBER	4	4	10	14	2	2	6	8	9	1	13	14	15	7	29	36
	CAPCTY	23.9	19.3	78.9	98.3	41.5	32.2	128	160	1174	103	693	796	1239	154	900	1055
	ENERGY	80.9	10.3	296	306	168	102	436	538	4475	129	2316	2445	4724	242	3048	3290
TOTAL	NUMBER	53	117	28	145	5	5	12	17	18	9	22	31	76	131	62	193
	CAPCTY	72.0	162	160	321	103	86.0	259	345	1762	405	1134	1539	1937	652	1553	2205
	ENERGY	248	429	546	975	396	244	744	989	5956	760	3387	4147	6602	1433	4677	6111

LEGEND

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL
COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
CAPCTY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **ALAMANCE**					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
CAROLINA COTTON MILL	NCU0017 SAW0001	HAW RIVER	0	CAROLINA COT TON MILL	36 7.0 79 24.9	500.0	500.	12.	12.	0. 	.08E .99N	.2 2.9
HOPEDALE MILL	NCU0018 SAW0002	HAW RIVER	0		36 7.0 79 23.0	600.0	600.	12.	12.	0. 	.15E 1.83N	.3 3.9
HOLT GRANITE MFG CO	NCU0019 SAW0003	HAW RIVER	0		36 6.0 79 22.0	610.0	610.	14.	14.	0. 	.37E 1.97N	.8 4.2
VIRGINIA COTTON MILL	NCU0020 SAW0004	HAW RIVER	0		36 1.4 79 22.0	700.0	700.	15.	15.	0. 	.49E 2.40N	1.1 5.1
ALTAMAHAW COTTON MILL	NCU0023 SAW0005	HAW RIVER	0		36 10.5 79 30.7	226.0	226.	19.	19.	0. 	.15E .70N	.3 2.1
LATONIA POWER PLANT	NCU0024 SAW0006	HAW RIVER	0		36 8.0 79 26.8	475.0	475.	4.	4.	0. 	.20E .14N	.4 .5
GLENCO MILL	NCU0025 SAW0007	HAW RIVER	0		36 8.4 79 25.9	495.0	495.	12.	12.	0. 	.15E .69N	.3 2.7
SWEPSONVILLE 5/	NCU0043 SAW0008	HAW RIVER	H		36 .5 79 21.8	960.0	960.	12.	12.	0. 	0. E 3.16N	0. 6.7
NCNONAME579	NC00737 SAW0009	QUAKER CREEK	SR	CITY OF GRAH AM	36 6.5 79 19.6	14.0	14.	17.	21.	1. 	0. E .06N	0. .1
BURLINGTON LAKE DAM	NC00739 SAW0010	STONY CREEK	S	CITY OF BURL INGTON	36 10.6 79 24.7	44.0	44.	21.	26.	11. 	0. E .26N	0. .5
NC NONAME 588	NC00747 SAW0011	HAW RIVER	R	SELLARS MFG CO	35 56.9 79 19.6	1033.0	1033.	20.	25.	0. 	0. E 3.81N	0. 10.3

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **ALLEGHANY**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE NY				
UDP	NCU0149 ORH0011	NEW RIVER	CH		36 30,0 81 21,0	630.0	1034.	205.	220.	0. 	0. 42.77	U 0. T 148.6
UDP	NCU0150 ORH0012	NORTH FORK NEW RIVER	CH		36 29,0 81 26,0	216.0	354.	225.	250.	0. 	0. 18.55	U 0. T 69.3
UDP	NCU0151 ORH0013	SOUTH FORK NEW RIVER	CH		36 18,0 81 24,0	200.0	405.	157.	170.	0. 	0. 11.99	U 0. T 44.8
UDP	NCU0152 ORH0014	SOUTH FORK NEW RIVER	CH		36 18,0 81 28,0	148.0	300.	155.	170.	0. 	0. 7.23	U 0. T 31.7
UDP	NCU0153 ORH0015	SOUTH FORK NEW RIVER	CH		36 18,0 81 24,0	175.0	354.	310.	320.	0. 	0. 20.71	U 0. T 77.4
UDP	NCU0154 ORH0016	SOUTH FORK NEW RIVER	CH		36 24,0 81 20,0	285.0	577.	235.	250.	0. 	0. 25.57	U 0. T 95.5
COUNTY NAME: **ANSON**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
CRUMPS FORD	NCU0013 SAC0001	ROCKY RIVER	HC	DAEN SAC	35 10,4 80 8,9	1375.0	1318.	96.	135.	0. 	0. 48.17	U 0. T 73.5
BLEWETT FALLS	NC00494 SAC0002	PEE DEE RIVER	HR	CAROLINA POW ER AND LIGHT	34 59,3 79 52,8	6847.0	7940.	50.	51.	100. 	E 24.60 N 67.62	E 134.0 N 128.2
MILLERSVILLE	NC03212 SAC0003	LOWER LITTLE RIVER	H	RHODES WHITN ER MILLS	35 51,0 81 10,9	79.0	120.	35.	35.	0. 	E .32 N .59	E .2 N 2.6
COUNTY NAME: **BLADEN**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
LOCK AND DAM NO 1	NC00182 SAW0013	CAPE FEAR RIVER	N	DAEN SAW	34 24,3 78 17,6	5220.0	5362.	16.	21.	20. 	E 0. N 26.45	E 0. N 57.3

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **BLADEN**						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
LOCK AND DAM NO 2	NC00205 SAW0014	CAPE FEAR RIVER	N	DAEN SAW	34 37,6 78 34,6	4980,0	5115,	29,	39,	15, 	E 0, N 46,87	E 0, N 101,6
WILLIAM O HUSKE LOCK AND DAM	NC00206 SAW0015	CAPE FEAR RIVER	N	DAEN SAW	34 50,1 78 49,3	4810,0	4941,	21,	28,	13, 	E 0, N 32,50	E 0, N 70,4
COUNTY NAME: **BRUNSWICK**						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
SANFORD DAM	NC01110 SAW0016	ALLEN CREEK	R	BOILING SPRI NG LAKE	34 2,8 78 2,2	10,0	10,	20,	25,	4, 	E 0, N ,11	E 0, N ,2
COUNTY NAME: **BUNCOMBE**						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
NEWFOUND CREEK	NCU0078 ORN0049	FRENCH BROAD RIV ER			35 39,7 82 37,4	1054,0	1980,	157,	167,	0, 	U 0, T 76,69	U 0, T 253,9
BEE TREE RESERVO IR	NCU0101 ORN0050	BEE TREE CK,	S	CITY OF ASHE VILLE	35 38,5 82 24,1	8,0	16,	37,	50,	1, 	E 0, N ,14	E 0, N ,4
NORTH FORK RESER VOIR	NCU0102 ORN0051	NORTH FORK SWANN ANDA R,	S	CITY OF ASHE VILLE	35 39,7 82 20,7	22,0	44,	92,	125,	16, 	E 0, N 1,02	E 0, N 2,6
LAKE JULIAN	NCU0103 ORN0052	TR-FRENCH BROAD R,	S	CAROLINA POW ER LIGHT	35 28,6 82 32,9	5,0	10,	67,	90,	1, 	E 0, N ,15	E 0, N ,4
BEAVER LAKE	NCU0117 ORN0053	BEAVER DAM CK,	R	LAKEVIEW PAR K COMMISSION	35 38,2 82 34,2	9,0	18,	52,	70,	2, 	E 0, N ,22	E 0, N ,6
ENKA LAKE	NCU0128 ORN0054	BILL MOORE CK	S	AKZONA INC	35 32,4 82 39,5	6,0	12,	22,	30,	0, 	E 0, N ,06	E 0, N ,2
KENILWORTH LAKE	NCU0130 ORN0055	ROSS CK	R	KENILWORK FO R LAKE COMM	35 35,0 82 31,9	3,0	6,	59,	80,	1, 	E 0, N ,08	E 0, N ,2

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **BUNCOMBE**					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
LAKE ASHNOCA	NCU0131	RAGSDALE CK	R	ASHEVILLE SC	35 33.4	4.0	8.	41.	55.	0.	0. E	0.
	ORN0056			HOOL INC	82 37.1					N	.08 N	.2
COUNTY NAME: **BURKE**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
MORGANTON	NCU0003	CATAWBA RIVER	H	DAEN SAC	35 47.2	920.0	1380.	70.	70.	0. U	0. U	0.
	SAC0004				81 37.9					T	21.48 T	76.2
BROUGHTON HOSPITAL DAM	NC00092	CLEAR CREEK	S	BROUGHTON HO SPITAL	35 38.7	2.0	3.	61.	70.	1. E	0. E	0.
	SAC0005				81 45.4					N	.06 N	.2
RHODHISS	NC00104	CATAWBA RIVER	H	DUKE POWER C OMPANY	35 46.5	1088.0	1700.	59.	72.	114. E	25.50 E	56.7
	SAC0006				81 26.1					N	0. N	0.
BRIDGEWATER-LAKE JAMES	NC00141	CATAWBA RIVER	H	DUKE POWER C OMPANY	35 45.0	380.0	650.	135.	141.	289. E	20.00 E	48.9
	SAC0007				81 50.0					N	0. N	0.
HENRY RIVER	NC00373	HENRY FORK	HS	HENRY RIVER MILLS CO.	35 42.0	80.0	127.	35.	35.	0. E	.13 E	.5
	SAC0008				81 25.5					N	.80 N	2.4
CATAWBA DAM ?LAKE JAMES&	NC00374	CATAWBA RIVER	C	DUKE POWER C OMPANY	35 43.8	380.0	650.	141.	141.	289. E	0. E	0.
	SAC0009				81 53.7					N	16.12 N	51.2
PADDYS CREEK DAM ?LAKE JAMES&	NC00375	CATAWBA RIVER	C	DUKE POWER C OMPANY	35 44.4	380.0	650.	141.	141.	289. E	0. E	0.
	SAC0010				81 51.0					N	16.12 N	51.2
COUNTY NAME: **CABARRUS**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
LAKE FISHER DAM	NC00520	COLD WATER CREEK	S	CITY OF CONC ORD	35 29.2	19.0	19.	31.	36.	5. E	0. E	0.
	SAC0011				80 34.7					N	.21 N	.4

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CALDWELL						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
LITTLE RIVER DAM (SHUFORD POND)	NC01219 SAC0012	UPPER LITTLE RIVER	H	DUKE POWER COMPANY	35 48,8 81 20,4	37.0	45.	31.	31.	3.	.50 E 0. N	.5 0.
GUNPOWDER NO1 (OLD MILLPOND)	NC03273 SAC0013	GUNPOWDER CREEK	S	SHUFORD MILL	35 48,0 81 24,7	35.0	45.	72.	75.	0.	.40 E .47 N	1.0 1.9
GUNPOWDER NO2 (LITTLE DAM)	NC03274 SAC0014	GUNPOWDER CREEK		DUKE POWER COMPANY	35 47,6 81 24,4	36.0	46.	25.	27.	0.	.13 E .19 N	.2 .9
COUNTY NAME: CATAWBA						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
OXFORD-LAKE HICKORY	NC00329 SAC0015	CATAWBA RIVER	H	DUKE POWER CO.	35 43,9 81 11,3	1310.0	2025.	90.	97.	367.	36.00 E 0. N	93.9 0.
COUNTY NAME: CHATHAM						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
PACES MILL	NCU0021 SAW0017	HAW RIVER	O		35 46,0 79 10,0	1270.0	1270.	12.	12.	0.	0. U 3.39 T	0. 8.1
CHATHAM ROLLER MILL	NCU0022 SAW0018	HAW RIVER	O		35 45,5 79 8,8	1290.0	1290.	15.	15.	0.	.03 E 3.67 N	.1 9.7
LOCKVILLE	NCU0030 SAW0019	DEEP RIVER	H	CAROLINA POWER AND LIGHT	35 37,4 79 5,9	1410.0	1410.	49.	49.	0.	0. E 26.94 N	0. 43.7
MOORES MILL	NCU0038 SAW0020	HAW	H	DAEN SAW	35 44,2 79 6,6	1350.0	1350.	52.	70.	9.	0. U 27.23 T	0. 44.2
MANDALE	NCU0039 SAW0021	HAW	H	DAEN SAW	35 51,5 79 15,0	1170.0	1170.	59.	80.	237.	0. U 19.97 T	0. 39.5
BYNUM 5/	NCU0040 SAW0022	HAW RIVER	O	ODELL J M MFG CO	35 46,5 79 8,9	1290.0	1290.	18.	18.	0.	0. E 4.14 N	0. 11.5

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CHATHAM					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
SAXAPAHAW 5/	NCU0042 SAW0023	HAW RIVER	O	SAXAPAHAW CO TTON MILL	35 56.0 / 79 18.0	1020.0	1020.	30.	30.	0. N	0. E 4.94 N	0. 14.8
BYNUM	NCU0044 SAW0024	HAW	H	DAEN SAW	35 46.5 / 79 8.8	1290.0	1290.	67.	90.	88. U T	0. U 24.77 T	0. 49.0
ROCKY RIVER DAM	NCU0047 SAW0025	ROCKY RIVER	H	WOODY TC	35 37.8 / 79 12.6	180.0	180.	38.	51.	10. E N	.16 E .16 N	.4 .8
B EVERETT JORDAN LAKE	NC00173 SAW0026	HAW RIVER	CRSO	DAEN SAW	35 31.4 / 79 4.2	1690.0	1690.	82.	111.	1839. E N	0. E 40.02 N	0. 79.2
COUNTY NAME: CHEROKEE					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
MURPHY	NCU0080 ORN0057	HIWASSEE RIVER			35 4.7 / 84 1.5	416.0	930.	120.	130.	0. U T	0. U 23.20 T	0. 77.9
GOLD BRANCH	NCU0084 ORN0058	NOTTELY RIVER			35 .1 / 84 6.8	242.0	470.	50.	70.	0. U T	0. U 6.05 T	0. 22.9
APALACHIA LAKE	NCU0104 ORN0059	HIWASSEE R.	H	TVA	35 10.1 / 84 17.8	1018.0	2433.	105.	142.	69. E N	78.90 E 0. N	599.9 0.
HIWASSEE LAKE	NCU0105 ORN0060	HIWASSEE R.	HC	TVA	35 9.0 / 84 10.7	968.0	2313.	219.	296.	434. E N	117.00 E 0. N	404.7 0.
CHEROKEE LAKE	NCU0111 ORN0061	PERSIMMON CK.	R	USDA FS	35 4.1 / 84 10.0	16.0	37.	26.	35.	0. E N	0. E .18 N	0. .7
COUNTY NAME: CLAY					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
SWEETWATER	NCU0075 ORN0062	HIWASSEE RIVER			35 4.0 / 83 53.6	284.0	640.	104.	117.	0. U T	0. U 13.73 T	0. 46.1

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CLAY						FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT				
CHATUGA LAKE	NCU0106 ORN0063	HIWASSEE R.	H	TVA	35 1.0 83 47.5	189.0	470.	89.	120.	248. N	10.00E 0. N	44.4 0.
MISSION LAKE	NCU0112 ORN0064	HIWASSEE R.	H	NANTAHALA PO WER + LIGHT	35 3.9 83 55.6	292.0	667.	30.	40.	5. N	18.00E 0. N	10.3 0.
COUNTY NAME: CLEVELAND												
LAWNDALE (HARRIS ON SHOALS DAM)	NCU0161 SAC0016	FIRST BROAD RIVE R	H	CLEVLAND MIL L + POWER CO	35 23.7 81 33.2	189.0	266.	30.	30.	0. N	.89E .82N	2.6 2.8
KINGS MOUNTAIN N O 1 DAM	NC00112 SAC0017	CLARKS CREEK	S	CITY OF KING S MOUNTAIN	35 12.1 81 20.8	3.0	5.	41.	51.	1. N	0. E .06N	0. .2
BUFFALO CREEK DAM	NC00204 SAC0018	BUFFALO CREEK	S	USDA SCS	35 16.6 81 27.1	70.0	112.	68.	86.	53. N	0. E 1.58N	0. 4.9
STICE SHOALS	NC00412 SAC0019	FIRST BROAD RIVE R	H	DUKE POWER C OMPANY	35 13.4 81 35.4	323.0	420.	20.	25.	0. N	.60E 1.34N	1.8 4.4
COUNTY NAME: CUMBERLAND						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
HOPE MILLS NO. 1	NCU0051 SAW0027	ROCKFISH CREEK	O	DIXIE YARNS	34 58.0 79 7.0	110.0	110.	20.	20.	0. N	.19E .37N	.4 1.7
HOPE MILLS DAM N O. 2	NC01121 SAW0028	LITTLE ROCKFISH CREEK	R	DIXIE YARNS INC	34 58.4 78 56.4	200.0	200.	15.	19.	3. N	0. E .69N	0. 2.4
UPCHURCHES POND DAM	NC01202 SAW0029	BIG ROCKFISH CRE EK	R	SALEEBY INC	34 57.6 79 .1	178.0	178.	17.	21.	2. N	0. E .72N	0. 2.4

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P R E L I M I N A R Y E S T I M A T E S (07/09/79)

P O T E N T I A L H Y D R O P O W E R S I T E S

I N T H E S T A T E O F N O R T H C A R O L I N A

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **DAVIDSON**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
TOM-A-LEX DAM	NC00178	BRUSHY FORK AND	S	THOMASVILLE	35 52.5	138.0	126.	25.	32.	12.*E	0. *E	0.
	SAC0020	ABBOTTS CREEK		** LEXINGTON	80 11.6					*N	.85*N	1.8
HIGH ROCK	NC00388	YADKIN RIVER	H	YADKIN INC	35 36.0	3930.0	4626.	59.	65.	386.*E	33.00*E	115.0
	SAC0021				80 14.1					*N	28.79*N	89.1
COUNTY NAME: **DAVIE**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
STYERS	NCU0008	YADKIN RIVER	HC	DAEN SAC	36 2.9	1870.0	2654.	54.	65.	0.*U	0. *U	0.
	SAC0022				80 27.5					*T	26.91*T	88.9
JUNCTION	NCU0009	YADKIN RIVER	HC	DAEN SAC	35 45.5	2430.0	2887.	52.	61.	0.*U	0. *U	0.
	SAC0023				80 27.2					*T	33.67*T	111.2
COOLEEMEE	NCU0012	SOUTH YADKIN RIV	HC	DAEN SAC	35 49.3	534.0	596.	71.	86.	0.*U	0. *U	0.
	SAC0024	ER			80 35.6					*T	4.17*T	22.9
DUTCHMANS CREEK WATERSHED DAM	NC00370	ELLSWORTH CREEK	C	T HOLT HAYWO	35 53.4	6.0	8.	65.	85.	1.*E	0. *E	0.
	SAC0025			OD	80 29.5					*N	.11*N	.2
COUNTY NAME: **DURHAM**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
LAKE MICHIE DAM	NC01027	FLAT RIVER-NEUSE	SR	CITY OF DURH	36 9.0	170.0	162.	65.	81.	2.*E	0. *E	0.
	SAW0030			AM	78 49.6					*N	2.23*N	4.9
COUNTY NAME: **FORSYTH**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
SALEM LAKE DAM	NC00327	SALEM CREEK	S	CITY OF WINS	36 5.7	26.0	30.	30.	36.	7.*E	0. *E	0.
	SAC0026			TON-SALEM	80 11.5					*N	.22*N	.4
IDOLS	NC00791	YADKIN RIVER	H	DUKE POWER C	35 58.5	1876.0	2383.	10.	15.	0.*E	1.41*E	6.1
	SAC0027			OMPANY	80 23.9					*N	3.59*N	10.4

L E G E N D

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **FRANKLIN**				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE						
NC NONAME 759	NC00821	CYPRESS CREEK-TA	R	AMERICAN REA	35 56.9	27.0	31.	26.	33.	5.	E 0.	E 0.
	SAW0031	R		LTY SVC CORP	78 11.4						N .23	N .5
COUNTY NAME: **GASTON**				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT						
MOUNTAIN ISLAND	NC00787	CATAWBA RIVER	H	DUKE POWER C	35 20.1	1860.0	2700.	76.	90.	140.	E 60.00	E 104.1
	SAC0028		O		80 59.1						N 0.	N 0.
MCADENVILLE DAM	NC01076	SOUTH FORK CATAW	S	PHARR YARNS	35 15.7	633.0	796.	18.	20.	0.	E .40	E 3.2
	SAC0029	BA RIVER		INC	81 4.6						N 3.40	N 10.3
DALLAS	NC01209	SOUTH FORK CATAW	S	HARDINS MANU	35 22.8	513.0	675.	20.	20.	0.	E .20	E .7
	SAC0030	BA RIVER		FACTURING CO	81 11.5						N 3.22	N 11.4
CAROLINIAN HIGHS	NC01210	SOUTH FORK CATAW	H	MCNEIL INDUS	35 23.8	509.0	670.	30.	30.	0.	E 1.70	E 5.4
COALS DAM	SAC0031	BA RIVER		TRIES	81 12.4						N 3.39	N 12.7
SPENCER MOUNTAIN	NC04000	SOUTH FORK CATAW	HS	DUKE POWER C	35 18.6	550.0	707.	23.	12.	3.	E .64	E 4.1
	SAC0032	BA RIVER		OMPANY	81 6.7						N 3.58	N 10.9
COUNTY NAME: **GRAHAM**				FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT						
CHEOAH LAKE	NCU0094	LITTLE TENNESSEE	H	TAPOCO INC.	35 26.9	1608.0	3743.	164.	222.	42.	E 110.00	E 678.9
	ORN0065	R.			83 56.2						N 0.	N 0.
SANTEETLAH LAKE	NCU0107	CHEOAH R	H	TAPOCO	35 22.6	176.0	437.	146.	197.	271.	E 45.00	E 219.8
	ORN0066				83 52.6						N 0.	N 0.
FONTANA LAKE	NCU0108	LITTLE TENNESSEE	H	TVA	35 27.1	1571.0	3695.	340.	460.	59.	E 225.00	E 1229.3
	ORN0067	R.			83 48.3						N 0.	N 0.

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: GRANVILLE						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
GREY ROCK LAKE	NCU0062	TAR RIVER	CSRD	DAEN SAW	36 11.4	172.0	158.	63.	85.	260.	U 0.	U 0.
	SAW0032				78 35.0					T	2.27 T	4.5
BUTNER WATER SUP	NC01006	KNAP OF REEDS CR	SR	STATE OF N.C	36 9.8	29.0	29.	64.	80.	13.	E 0.	E 0.
PLY DAM	SAW0033	EEKS-NEUSE			78 46.4					N	.45 N	.8
COUNTY NAME: GUILFORD						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
RICHLAND LAKE	NC00679	RICHLAND CREEK	S	CONE MILLS	36 9.5	8.0	8.	36.	45.	6.	E 0.	E 0.
	SAW0034				79 47.9					N	.07 N	.2
LAKE HIGGINS	NC00698	BRUSH CREEK	S	CITY OF GREE	36 10.1	12.0	12.	40.	50.	7.	E 0.	E 0.
	SAW0037			NSBORO	79 52.8					N	.12 N	.3
OAK HOLLOW LAKE	NC00704	DEEP RIVER	S	CITY OF HIGH	36 .7	22.0	22.	29.	37.	14.	E 0.	E 0.
	SAW0039			POINT	79 59.2					N	.18 N	.3
COUNTY NAME: HALIFAX						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
WHITE OAK LAKE	NCU0059	FISHING CREEK-TA	CSRD	DAEN SAW	36 8.8	442.0	430.	58.	79.	300.	U 0.	U 0.
	SAW0040	R			77 50.4					T	4.45 T	13.8
COUNTY NAME: HARNETT						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
BUCKHORN FALLS	NCU0035	CAPE FEAR RIVER	HD	CAROLINA POW	35 32.0	3196.0	3196.	19.	19.	0.	E 2.90 E	6.4
	SAW0043			ER AND LIGHT	78 59.0					N	17.70 N	31.3
LILLINGTON	NCU0036	CAPE FEAR	H	FERC	35 26.0	3410.0	3410.	33.	45.	13.	U 0.	U 0.
	SAW0044				78 52.0					T	38.48 T	70.2
SMILEY FALLS	NCU0037	CAPE FEAR	H	DAEN SAW	35 17.0	3700.0	3700.	30.	40.	8.	U 0.	U 0.
	SAW0045				78 41.0					T	37.11 T	67.8

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(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

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COUNTY NAME: **HARNETT**					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
SMILEY FLS REREG	NCU0041 SAW0046	CAPE FEAR RIVER			35 20.0 78 42.0	3800.0	3800.	28.	28.	0. U T	0. U 36.10 T	0. 65.9
COUNTY NAME: **HAYWOOD**					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
JONATHANS CREEK	NCU0082 ORN0068	PIGEON RIVER			35 37.5 82 59.8	282.0	580.	165.	185.	134. U T	0. U 19.26 T	0. 61.7
LAKE JUNALUSK	NCU0098 ORN0069	RICHLAND CK.	R	LAKE TUNALUS KA ASSEMBLY	35 31.6 82 57.8	64.0	127.	21.	29.	4. E N	0. E .56 N	0. 1.9
LAKE LOGAN	NCU0100 ORN0070	WEST FORK OF PIG EON CK.	S	CHAMPION PAP ER	35 25.3 82 55.5	33.0	107.	37.	50.	2. E N	0. E .78 N	0. 2.7
WATERVILLE LAKE	NCU0120 ORN0071	PIGEON RIVER	H	CAROLINA LIG HT + POWER	35 41.7 83 3.0	455.0	890.	132.	178.	30. E N	108.00 E 0. N	467.0 0.
COUNTY NAME: **HENDERSON**					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
SALUDA	NCU0001 SAC0033	GREEN RIVER	HR	DAEN SAC	35 17.0 82 21.3	78.0	170.	689.	210.	17. U T	0. U 26.49 T	0. 94.4
OSCEOLA LAKE	NCU0138 ORN0072	SHEPARD CK	R	BILL HARPER	35 17.9 82 28.4	4.0	8.	48.	65.	1. E N	0. E .09 N	0. .3
TUXEDO DAM (LAKE SUMMIT)	NC00311 SAC0034	GREEN RIVER	HR	DUKE POWER C OMPANY	35 14.0 82 23.9	42.0	90.	286.	297.	10. E N	5.00 E 0. N	21.3 0.
COUNTY NAME: **HYDE**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LAKE CEDAR CLIFF	NCU0095 ORN0073	TUCKASEGEE R.	H	NANTAHALA PO WER + LIGHT	35 15.2 83 6.0	80.0	208.	120.	163.	7. E N	6.38 E 0. N	20.8 0.

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(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **HYDE**					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
THORPE LAKE	NCU0109	WEST FORK TUCKAS	H	NANTAHALA PO	35 11.8	37.0	120.*	103.*	140.*	71.*E	21.60*E	119.0
	ORN0075	EGEE R.		WER + LIGHT	83 9.2					*N	0. *N	0.
TUCKASEGEE LAKE	NCU0121	WEST FORK TUCKAS	H	NANTAHALA PO	35 14.4	55.0	143.*	45.*	61.*	0.*E	3.00*E	10.6
	ORN0076	EGEE R		WER + LIGHT	83 7.5					*N	0. *N	0.
BEAR CK RESERVOI	NCU0122	TUCKASEGEE R	H	NANTAHALA PO	35 14.5	75.0	195.*	152.*	205.*	35.*E	9.00*E	28.8
R	ORN0077			WER + LIGHT	83 4.3					*N	0. *N	0.
COUNTY NAME: **IREDELL**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
THIRD CREEK WATE	NC00144	THIRD CREEK	C	T S STEWART	35 47.6	25.0	26.*	27.*	36.*	3.*E	0. *E	0.
RSHED DAM 37	SAC0035				80 57.4					*N	.23*N	.8
NCNONAME273	NC00383	TR-ROCKY CREEK	R	THOMAS A ALL	35 54.8	8.0	9.*	37.*	47.*	1.*E	0. *E	0.
	SAC0036			ISON	80 49.6					*N	.08*N	.2
LOOKOUT SHOALS	NC00394	CATAWBA	H	DUKE POWER C	35 45.1	1449.0	2300.*	77.*	100.*	37.*E	18.72*E	83.4
	SAC0037			O.	81 5.1					*N	11.95*N	32.5
COUNTY NAME: **JACKSON**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
UPPER WHITEWATER	NCU0068	WHITEWATER RIVER	HR		35 2.2	13.0	60.*	780.*	195.*	8.*U	0. *U	0.
	SAS0088				83 1.2					*T	6.51*T	22.4
COUNTY NAME: **LEE**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
CAROLINA POWER A	NCU0031	DEEP RIVER	H		35 31.2	970.0	970.*	12.*	12.*	0.*E	1.00*E	2.2
ND LIGHT CO	SAW0050				79 20.9					*N	2.26*N	4.4
LAKE TRACE	NC00017	LITTLE RIVER	R	CAROLINA TRA	35 25.0	51.0	51.*	25.*	30.*	4.*E	0. *E	0.
	SAW0051			CE CORP	79 5.6					*N	.42*N	.9

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

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COUNTY NAME: LINCOLN						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
LINCOLNTON	NCU0002	SOUTH FORK CATAW	HC	DAEN SAC	35 28.7	300.0	390.	75.	80.	311.	U 0.	U 0.
	SAC0038	BA RIVER			81 16.9						T 3.18	T 18.3
COWANS FORD-LAKE NORMAN	NC00132	CATAWBA RIVER	HR	DUKE POWER C	35 26.0	1790.0	2600.	110.	113.	1094.	E 350.00	E 140.0
	SAC0039			O	80 57.5						N 0.	N 0.
LONG SHOALS	NC00372	SOUTH FORK CATAW	H	CONSOLIDATED	35 24.8	472.0	621.	16.	19.	1.	E .38	E .5
	SAC0040	BA RIVER		KNIT MILLS	81 14.4						N 2.14	N 8.4
COUNTY NAME: MACON						FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT				
WESSER	NCU0074	NANTAHALA RIVER			35 16.5	133.0	460.	280.	0.	0.	U 0.	U 0.
	ORN0078				83 40.8						T 21.77	T 61.6
NANTAHALA RESERVOIR	NCU0110	NANTAHALA RIVER	H	NANTAHALA PO	35 11.9	91.0	226.	177.	240.	139.	E 43.20	E 298.0
	ORN0079			WER + LIGHT	83 39.3						N 0.	N 0.
QUEENS CK. LAKE	NCU0113	QUEENS CK.	H	NANTAHALA PO	35 16.5	4.0	13.	50.	67.	1.	E 1.44	E 4.9
	ORN0080			WER + LIGHT	83 39.4						N 0.	N 0.
FRANKLIN RESERVOIR	NCU0115	LITTLE TN RIVER	H	NANTAHALA PO	35 13.2	310.0	716.	26.	35.	2.	E 1.04	E 7.6
	ORN0081			WER + LIGHT	83 22.3						N 2.34	N 5.4
COUNTY NAME: MADISON						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
PINE CREEK	NCU0077	FRENCH BROAD RIV			35 47.7	1391.0	2570.	198.	0.	0.	U 0.	U 0.
	ORN0082	ER			82 43.9						T 127.65	T 422.6
BRUSH CREEK	NCU0086	FRENCH BROAD RIV			35 50.7	1405.0	2400.	150.	0.	0.	U 0.	U 0.
	ORN0083	ER			82 45.5						T 97.68	T 323.4
MARSHALL RESERVOIR	NCU0116	FRENCH BROAD R.	H	CAROLINA POW	35 47.6	1343.0	3001.	29.	39.	0.	E 3.00	E 20.0
	ORN0084			ER + LIGHT	82 42.6						N 14.94	N 39.4

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PRELIMINARY ESTIMATES (07/09/79)

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COUNTY NAME: **MCDOWELL**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
LAKE TAHOMA	NC00316	BUCK CREEK	HR	DUKE POWER C	35 43.4	23.0	44.*	61.*	63.*	0.*E	.24*E	1.0
	SAC0041			OMPANY	82 4.7					*N	.46*N	.8
COUNTY NAME: **MITCHELL**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
POPLAR	NCU0076	NOLICHUCKY RIVER			36 4.8	619.0*	1080.*	270.*	60.*	0.*U	0. *U	0.
	ORN0085				82 21.5					*T	62.18*T	193.0
COUNTY NAME: **MONTGOMERY**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
EURY DAM	NC00480	LITTLE RIVER	R	MONTGOMERY C	35 15.2	243.0*	254.*	45.*	45.*	1.*E	.60*E	.8
	SAC0042			O HUNT CLUB	79 54.6					*N	1.67*N	4.7
COUNTY NAME: **MOORE**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
HIGH FALLS MFG C	NCU0034	DEEP RIVER	O		35 28.2	748.0*	748.*	18.*	18.*	0.*E	.19*E	.4
O	SAW0052				79 31.5					*N	2.85*N	6.5
HOWARDS MILL LAK	NCU0046	DEEP RIVER	CSRO	DAEN SAW	35 29.1	639.0*	620.*	82.*	111.*	341.*U	0. *U	0.
E	SAW0053				79 34.9					*T	9.95*T	25.7
NCNONAME51	NC00002	CRANE CREEK	R	LAKE SURF IN	35 13.3	95.0*	95.*	12.*	16.*	10.*E	0. *E	0.
	SAW0054			C	79 11.4					*N	.32*N	1.2
NCNONAME77	NC00073	LITTLE RIVER	R	WHISPERING P	35 15.8	64.0*	64.*	19.*	25.*	3.*E	0. *E	0.
	SAW0055			INES INC	79 21.7					*N	.37*N	.7
THAGARDS LAKE	NC00077	LITTLE RIVER OFF	R	WHISPERING P	35 15.2	64.0*	64.*	52.*	65.*	3.*E	0. *E	0.
	SAW0056	STREAM		INES INC	79 22.1					*N	.99*N	2.8

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IN THE STATE OF NORTH CAROLINA

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COUNTY NAME: **NASH**				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE						
SALEM LAKE	NC00060	SWIFT CREEK-TAR	CSRO	DAEN SAW	36 2.6	170.0	142.	45.	61.	110.	U 0.	U 0.
	SAW0057				77 55.3						T 2.10	T 5.2
SPRING HOPE	NC00061	TAR RIVER	CSRO	DAEN SAW	35 54.7	668.0	700.	55.	75.	290.	U 0.	U 0.
	SAW0058				78 8.3						T 6.59	T 20.9
TAR RIVER DAM	NC00913	TAR RIVER	SR	CITY OF ROCK	35 52.8	777.0	777.	28.	33.	13.	E 0.	E 0.
	SAW0059			Y MOUNT	77 53.4						N 4.29	N 12.6
COUNTY NAME: **ORANGE**				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE						
UNIVERSITY DAM	NC00782	MORGAN CREEK	S	UNIV OF N.C.	35 53.8	29.0	29.	37.	46.	5.	E 0.	E 0.
	SAW0060				79 5.5						N .30	N .5
COUNTY NAME: **PERSON**				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE						
SITE =F=	NCU0089	S HYCO CR	S	CITY OF ROXB	36 21.0	23.0	23.	41.	55.	0.	E 0.	E 0.
	SAW0061			ORO	79 8.0						N .28	N .5
LAKE HYCO DAM	NC00656	HYCO RIVER	HSR	CAROLINA POW	36 30.5	190.0	190.	48.	60.	77.	E 0.	E 0.
	SAW0062			ER AND LIGHT	79 2.5						N 1.87	N 4.1
COUNTY NAME: **POLK**				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT						
TURNER SHOALS DA M (LAKE ADGER)	NC00208	GREEN RIVER	HR	DUKE POWER C	35 20.1	126.0	280.	83.	89.	12.	E 5.50	E 14.6
	SAC0043			OMPANY	82 11.2						N 0.	N 0.
COUNTY NAME: **RANDOLPH**				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE						
RANDOLPH MILLS N 0. 2	NCU0026	DEEP RIVER	D		35 44.6	278.0	278.	16.	16.	0.	E .14	E .3
	SAW0064				79 41.5						N .71	N 1.9

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **RANDOLPH**				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE						
COX POWER PLANT	NCU0028	DEEP RIVER	H		35 45.0	250.0	254.	12.	12.	0.E	.30E	.7
	SAW0065				79 45.0					N	.20N	.8
SAPONA COTTON MI LLS	NCU0029	DEEP RIVER	O	SOPONA COTTO N MILLS	35 45.0	257.0	257.	10.	10.	0.E	.14E	.3
	SAW0066				79 44.1					N	.30N	.9
RANDLEMAN LAKE	NCU0045	DEEP RIVER	CRSO	DAEN SAW	35 50.1	169.0	167.	78.	106.	238.U	0. U	0.
	SAW0067				79 48.8					T	2.69T	6.5
COX LAKE	NC00445	DEEP RIVER	R	JORDAN SPINN ING	35 45.5	250.0	250.	16.	20.	0.E	0. E	0.
	SAW0068				79 45.2					N	.75N	1.9
WORTHVILLE LAKE	NC00446	DEEP RIVER	R	BAXTER KELLY AND FAUST I	35 47.7	231.0	231.	13.	16.	0.E	0. E	0.
	SAW0069				79 46.6					N	.50N	1.4
LAKE DAM NO.4 (W CLYDE LUCAS LAK	NC00453	BACK CREEK	SR	CITY OF ASHE BURO	35 44.1	15.0	14.	50.	57.	7.E	0. E	0.
	SAC0044				79 52.7					N	.21N	.4
RANDOLPH MILL NO 1.	NC00707	DEEP RIVER	R	RANDOLPH MIL L	35 44.6	278.0	278.	20.	25.	0.E	0. E	0.
	SAW0070				79 42.2					N	1.24N	2.9
ENTERPRISE MFG C O	NC00709	DEEP RIVER	R	D B WALKER S HOE LO	35 38.3	391.0	391.	12.	15.	0.E	0. E	0.
	SAW0071				80 11.1					N	.79N	2.2
COLUMBIA MFG CO (RAMSEUR LAKE)	NC00725	DEEP RIVER	R	TOM HILL	35 43.9	343.0	343.	11.	14.	0.E	0. E	0.
	SAW0072				79 39.1					N	.61N	1.8
COUNTY NAME: **RICHMOND**				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT						
GREATER BLEWETT FALLS	NCU0010	PEE DEE RIVER	H	DAEN SAC	34 59.3	6860.0	7940.	75.	80.	0.U	0. U	0.
	SAC0045				79 52.8					T	138.59T	394.1
MORVEN	NCU0011	PEE DEE RIVER	H	DAEN SAC	34 49.0	7240.0	8073.	28.	34.	45.U	0. U	0.
	SAC0046				79 55.0					T	54.61T	155.3

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH)
COUNTY NAME: **ROCKINGHAM**				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE						
BELEWS LAKE	NCU0088	BELEWS CR-DAN RI	DR	DUKE POWER C	36 19.5	76.0	75.	140.	162.	227.*E	0. *E	0.
	SAW0073	VER	O	O	80 2.0					*N	2.38*N	5.3
MAYO	NCU0091	MAYO RIVER	CHRQ	DAEN SAW	36 32.0	260.0	313.	212.	232.	1433.*U	0. *U	0.
	SAW0075				79 59.0					*T	12.65*T	43.5
NC NONAME 404	NC00551	TROUBLESOME CREE	S	CITY OF REID	36 20.4	54.0	54.	29.	36.	3.*E	0. *E	0.
	SAW0076	K		SVILLE	79 43.8					*N	.36*N	.9
SPRAY	NC15530	SMITH RIVER	H	SPRAY COTTON	36 30.0	539.0	616.	32.	32.	0.*E	1.00*E	.0
	SAW0077			MILLS	79 45.1					*N	2.98*N	13.1
COUNTY NAME: **ROWAN**				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE						
COOLEMEE DAM (BU	NC00186	SOUTH YADKIN RIV	HS	DAVIE COUNTY	35 48.8	560.0	603.	16.	24.	0.*E	1.34*E	1.8
RLINGTON MILLS L	SAC0047	ER			80 34.2					*N	1.12*N	4.9
KANNAPOLIS LAKE	NC00324	IRISH BUFFALO CR	S	CANNON MILLS	35 30.6	10.0	10.	24.	36.	6.*E	0. *E	0.
DAM	SAC0048	EEK		COMPANY	80 38.9					*N	.07*N	.1
COUNTY NAME: **RUTHERFORD**				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT						
CLINCHFIELD DAM	NCU0004	BROAD RIVER	HCSR	DAEN SAC	35 12.0	571.0	980.	130.	145.	1156.*U	0. *U	0.
	SAC0049				81 51.3					*T	24.76*T	87.8
LAKE LURE	NC00100	BROAD RIVER	HR	TOWN OF LAKE	35 25.5	95.0	170.	100.	116.	77.*E	3.60*E	10.0
	SAC0050			LURE	82 11.0					*N	0. *N	0.
CLIFFSIDE	NC00134	SECOND BROAD RIV	H	CONE MILL CO	35 14.2	211.0	295.	28.	30.	0.*E	1.63*E	2.9
	SAC0051	ER		RP	81 46.1					*N	.15*N	2.7
CAROLEEN(NCNONAM	NC00135	SECOND BROAD RIV	O	BURLINGTON M	35 17.0	200.0	295.	20.	24.	0.*E	.66*E	.9
E125)	SAC0052	ER		ILLS	81 48.1					*N	.54*N	3.0

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

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COUNTY NAME: SCOTLAND												
LAUREL HILL(RICH MOND MILL POND)	NC01080 SAC0053	GUM SWAMP CREEK	R	MORGAN COTTO N MILLS INC.	34 49.2 79 31.9	55.0	80.	11.	15.	1. E N	.20 E 0. N	.0 0.
COUNTY NAME: STANLY				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT						
TILLERY	NC00547 SAC0054	PEE DEE RIVER	H	CAROLINA POW ER AND LIGHT	35 12.4 80 3.9	4688.0	5494.	59.	73.	168. E N	84.00 E 0. N	202.0 0.
YADKIN FALLS DAM (FALLS RESERVOI	NC00546 SAC0055	YADKIN RIVER	H	YADKIN INC	35 23.7 80 4.5	4190.0	4923.	55.	74.	2. E N	29.50 E 32.58 N	115.0 61.5
NARROWS DAM (BAD IN LAKE)	NC00549 SAC0056	YADKIN RIVER	H	YADKIN INC	35 25.2 80 5.7	4180.0	4911.	177.	196.	455. E N	96.50 E 102.80 N	437.6 129.1
TUCKERTOWN	NC00550 SAC0057	YADKIN RIVER	H	YADKIN INC	35 29.2 80 10.7	4080.0	4798.	55.	70.	52. E N	42.00 E 17.80 N	130.4 67.1
COUNTY NAME: STOKES				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE						
DANBURY	NC00093 SAW0079	DAN RIVER	CHRO	DAEN SAW	36 26.0 80 14.0	261.0	313.	169.	202.	566. U T	0. U 10.12 T	0. 34.8
TOWN FORK CREEK	NC00349 SAW0080	TOWN FORK CREEK	C	R TILLY AND T SMITH	36 18.7 80 16.8	13.0	13.	37.	46.	1. E N	0. E .13 N	0. .3
TOWN CREEK	NC00350 SAW0081	HEATMANS CREEK	C	T R PULP	36 19.4 80 15.8	10.0	10.	40.	50.	1. E N	0. E .11 N	0. .2
WALNUT COVE	NC15610 SAW0082	DAN RIVER	H		36 22.0 80 8.0	344.0	413.	22.	22.	0. E N	0. E 1.74 N	0. 6.0

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COUNTY NAME: **SURRY**												
MT. AIRY NO.1	NCU0158	ARARAT RIVER		DUKE POWER C	36 28.0	203.0	263.	18.	18.	0.*E	.16*E	.6
	SAC0056			OMPANY	80 35.6					*N	.82*N	3.2
PILOT MOUNTAIN	NCU0159	ARARAT RIVER		DUKE POWER C	36 21.7	274.0	356.	18.	18.	0.*E	.50*E	1.5
	SAC0059			OMPANY	80 32.3					*N	.82*N	3.7
MT. AIRY NO.2	NCU0160	ARARAT RIVER		DUKE POWER C	36 26.5	208.0	269.	18.	18.	0.*E	.45*E	1.3
	SAC0060			OMPANY	80 35.6					*N	.56*N	2.6
MITCHELL RIVER RESERVOIR	NCU0170	MITCHELL RIVER	CRSO	DAEN SAC	36 18.6	77.0	123.	131.	185.	74.*U	0. *U	0.
	SAC0061				80 48.6					*T	2.65*T	10.9
FISHER RIVER RESERVOIR	NCU0171	FISHER RIVER	CRSO	DAEN SAC	36 19.2	135.0	202.	128.	170.	224.*U	0. *U	0.
	SAC0062				80 40.7					*T	4.94*T	17.0
COUNTY NAME: **SWAIN**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
NEEDMORE	NCU0079	LITTLE TENNESSEE			35 20.9	439.0	1040.	155.	187.	140.*U	0. *U	0.
	ORN0086	RIVER			83 30.8					*T	32.83*T	115.3
BRYSON	NCU0085	TUCKASEGEE RIVER			35 25.9	603.0	1600.	154.	205.	530.*U	0. *U	0.
	ORN0087				83 25.0					*T	44.80*T	157.4
OCONALUFTEE LAKE	NCU0114	OCONALUFTEE RIVE	H	NANTHALA POW	35 26.7	188.0	434.	26.	35.	1.*E	1.00*E	6.6
	ORN0088	R		ER + LIGHT	83 22.5					*N	1.05*N	1.3
COUNTY NAME: **TRANSYLVANIA**					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
HORSEPASTURE	NCU0067	HORSEPASTURE RIV	HR		35 5.6	25.0	93.	1780.	190.	68.*U	0. *U	0.
	SAS0089	ER			82 58.2					*T	28.59*T	98.2
CASCADE LAKE	NCU0124	LITTLE RIVER	H	CASCADE POWE	35 13.1	41.0	133.	44.	60.	2.*E	1.00*E	4.3
	ORN0089			R CO	82 38.4					*N	0. *N	0.

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COUNTY NAME: **TRANSYLVANIA**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
LAKE TOXAWAY	NC00167 SA00090	TOXAWAY RIVER	R	LAKE TOXAWAY CORP	35 7.5 82 56.0	8.0	32.	27.	35.	11. 	E 0. N .17	E 0. N .6
COUNTY NAME: **UNION**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
NANCES FORD	NCU0014 SAC0063	ROCKY RIVER	H	DAEN SAC	35 10.0 80 21.3	760.0	728.	56.	68.	0. T	U 0. T 6.51	U 0. T 17.1
LOVES FORD	NCU0015 SAC0064	ROCKY RIVER	HC	DAEN SAC	35 9.9 80 27.2	675.0	647.	95.	108.	0. T	U 0. T 22.93	U 0. T 35.0
NCNONAME378 (CANE CREEK LAKE)	NC00516 SAC0065	CANE CREEK	RS	UNION COUNTY	34 50.0 80 41.6	11.0	17.	25.	31.	6. N	E 0. N .09	E 0. N .2
LAKE TWITTY DAM	NC00532 SAC0066	STEWART AND CHIN KAPIN CREEKS	SR	CITY OF MONR DE	35 2.2 80 28.7	27.0	27.	20.	25.	5. N	E 0. N .16	E 0. N .3
COUNTY NAME: **WAKE**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
FALLS L N.C.	NCU0053 SAW0083	NEUSE RIVER	CSRO	DAEN SAW	35 56.3 78 34.5	760.0	754.	69.	93.	1128. T	U 0. T 10.23	U 0. T 26.0
MILBURNIE PROJECT	NCU0054 SAW0084	NEUSE RIVER	CRU	DAEN SAW	35 48.0 78 32.4	906.0	906.	13.	17.	46. T	U 0. T 3.39	U 0. T 7.5
MILBURNIE LAKE DAM	NCU0057 SAW0085	NEUSE RIVER	R 	HOWARD TWIGG S	35 48.0 78 32.4	875.0	875.	30.	40.	10. N	E 0. N 5.01	E 0. N 15.0
LAKE BENSON DAM	NC00861 SAW0086	SWIFT CREEK-NEUS E	S	CITY OF RALE IGH	35 39.7 78 36.7	67.0	67.	15.	19.	2. N	E 0. N .33	E 0. N .7
JOHNSON LAKE DAM	NC00862 SAW0087	WALNUT CREEK-NEU SE	SR	CITY OF RALE IGH	35 45.7 78 42.4	7.0	7.	29.	37.	3. N	E 0. N .05	E 0. N .1

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IN THE STATE OF NORTH CAROLINA

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COUNTY NAME: WAKE						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
WHEELER LAKE DAM	NC00864	SWIFT CREEK-NEUS	SR	CITY OF RALE	35 41.6	38.0	38.	24.	30.	9.	E 0.	E 0.
	SAW0088	E		IGH	78 41.6						N .30	N .7
COUNTY NAME: WATUGA						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
BEECH CREEK	NCU0087	WATAUGA RIVER			36 15.9	147.0	250.	621.	160.	23.	U 0.	U 0.
	ORN0090				81 53.6						T 33.23	T 101.5
COUNTY NAME: WILKES						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
ELKIN	NCU0005	YADKIN RIVER	HC	DAEN SAC	36 14.7	844.0	1375.	62.	77.	0.	U 0.	U 0.
	SAC0067				80 52.4						T 17.33	T 60.2
CARTER FALLS	NCU0157	ELKIN CREEK		DUKE POWER C	36 17.1	23.0	35.	77.	77.	0.	E .18	E .6
	SAC0068			OMPANY	80 53.0						N .20	N .5
REDDIES RIVER LAKE	NCU0168	REDDIES RIVER	CSRO	DAEN>SAC	36 10.2	94.0	142.	99.	165.	111.	U 0.	U 0.
	SAC0069				81 10.1						T 2.58	T 9.6
ROARING RIVER LAKE	NCU0169	ROARING RIVER	CSRO	DAEN SAC	36 13.8	127.0	199.	139.	180.	171.	U 0.	U 0.
	SAC0070				81 1.9						T 4.79	T 18.7
W. KERR SCOTT	NC00300	YADKIN RIVER	CRS	DAEN SAC	36 9.0	348.0	430.	70.	137.	153.	E 0.	E 0.
	SAC0071				81 14.0						N 4.14	N 24.2
COUNTY NAME: WILSON						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
BUCKHORN LAKE	NCU0056	CONTENTNEA CREEK	CSRO	DAEN SAW	35 41.5	153.0	149.	52.	71.	210.	U 0.	U 0.
	SAW0089				78 6.5						T 2.00	T 4.8
BUCKHORN LAKE	NCU0058	CONTENTNEA CREEK	SR	CITY OF WILS	35 41.5	153.0	149.	15.	20.	7.	E 0.	E 0.
	SAW0090	-NEUSE		ON	78 6.6						N .51	N 1.3

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COUNTY NAME: YADKIN					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
UPPER DONNAHA	NCU0006	YADKIN RIVER	HC	DAEN SAC	36 15.2	1560.0	2410.	104.	124.	0.*U	0. *U	0.
	SAC0072				80 29.5					*T	43.23*T	142.8
LOWER DONNAHA	NCU0007	YADKIN RIVER	HC	DAEN SAC	36 12.7	1620.0	2487.	119.	148.	0.*U	0. *U	0.
	SAC0073				80 25.4					*T	51.37*T	169.7
COUNTY NAME: YANCEY					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
LANGFORD BRANCH	NCU0081	CANE RIVER			35 56.5	109.0	210.	86.	115.	57.*U	0. *U	0.
	ORN0091				82 23.5					*T	3.35*T	10.4
HIGGINS	NCU0083	CANE RIVER			35 58.0	125.0	235.	62.	83.	5.*U	0. *U	0.
	ORN0092				82 23.2					*T	2.82*T	8.6

LEGEND

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(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
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TERRITORY OF PUERTO RICO

PHYSICAL POTENTIAL FOR ADDITIONAL HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT IN THE STATE OF PUERTO RICO

POTENTIAL INCREMENTAL CAPACITY RANGES

Head (feet)		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP
0-19	NUMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAPCTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ENERGY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-49	NUMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAPCTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ENERGY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50-99	NUMBER	0	4	1	5	0	1	0	1	0	0	0	0	0	5	1	6
	CAPCTY	0.0	9.5	0.8	10.4	0.0	18.8	0.0	18.8	0.0	0.0	0.0	0.0	0.0	28.4	0.8	29.2
	ENERGY	0.0	16.8	6.4	23.2	0.0	32.9	0.0	32.9	0.0	0.0	0.0	0.0	0.0	49.8	6.4	56.2
>100	NUMBER	5	6	5	11	2	2	0	2	0	0	0	0	7	8	5	13
	CAPCTY	28.2	27.4	12.6	40.0	35.5	36.1	0.0	36.1	0.0	0.0	0.0	0.0	63.7	63.6	12.6	76.2
	ENERGY	63.9	31.6	56.9	88.6	54.4	44.6	0.0	44.6	0.0	0.0	0.0	0.0	118	76.3	56.9	133
TOTAL	NUMBER	5	10	6	16	2	3	0	3	0	0	0	0	7	13	6	19
	CAPCTY	28.2	37.0	13.4	50.5	35.5	54.9	0.0	54.9	0.0	0.0	0.0	0.0	63.7	92.0	13.4	106
	ENERGY	63.9	48.5	63.3	112	54.4	77.6	0.0	77.6	0.0	0.0	0.0	0.0	118	126	63.3	190

LEGEND

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL
COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
CAPCTY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF PUERTO RICO

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ADJUNTAS					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO GARZAS	PR00006	VACA	HS	PRWRA	18 8,3	7,0	16,*	2008,*	192,*	6,*E	12,24*E	20,7
	SAJ0017				66 44,5					*N	0, *N	0,
LAGO ADJUNTAS	PR00007	ARECIBO	H	PRWRA	18 12,1	15,0*	41,*	190,*	77,*	1,*E	4,00*E	2,2
	SAJ0018				66 43,9					*N	1,11*N	2,8
COUNTY NAME: ARECIBO					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO DOS BOCAS	PR00009	ARECIBO	H	PRWRA	18 20,3	170,0*	345,*	145,*	184,*	50,*E	18,00*E	28,4
	SAJ0019				66 40,1					*N	2,04*N	3,2
COUNTY NAME: CIALES					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
7-5	PR00003	RIO GRANDE DE MA			18 18,0	127,0*	0,*	122,*	162,*	0,*U	0, *U	0,
	SAJ0020	NATI			66 30,0					*T	1,81*T	12,1
LAGO EL GUINEO	PR00012	TORO NEGRO	HI	PRWRA	18 9,7	2,0*	5,*	2226,*	120,*	2,*E	1,92*E	9,7
	SAJ0021				66 31,6					*N	0, *N	0,
COUNTY NAME: CIDRA					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO DE CIDRA	PR00020	BAYAMON	S	PRASA	18 12,0	8,6*	20,*	55,*	75,*	8,*E	0, *E	0,
	SAJ0022				66 6,0					*N	,53*N	,9
COUNTY NAME: COMERIO					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
CE-15	PR00005	RIO DE LA PLATA			18 12,0	99,0*	0,*	154,*	=0,*	0,*U	0, *U	0,
	SAJ0023				66 12,0					*T	,69*T	4,9
COMERIO 1	PR00019	LA PLATA	H	PRWRA	18 16,2	135,0*	308,*	190,*	45,*	1,*E	2,04*E	17,9
	SAJ0024				66 12,4					*N	19,03*N	19,1

LEGEND

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF PUERTO RICO

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE / LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: JUANA DIAZ					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO GUAYABAL	PR00013	JACAGUAS	IS	COMMENWEALTH	18 6.2	21.0	57.	92.	117.	8.*E	0. *E	0.
	SAJ0025			OF P. R.	66 29.3					*N	2.41*N	4.2
LAGO TOA VACA	PR00014	TOA VACA	IS	PRWRA	18 6.2	22.4	47.	152.	206.	60.*E	0. *E	0.
	SAJ0026				66 29.3					*N	3.45*N	6.1
COUNTY NAME: LAS MARIAS					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
8=2	PRU0004	RIO GRANDE DE AN			18 18.0	127.0	0.	165.	=0.	0.*U	0. *U	0.
	SAJ0027	ASCO			67 6.0					*T	4.43*T	30.0
COUNTY NAME: MOCA					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
CE=1	PRU0006	RIO CULEBRINAS			18 24.0	61.0	0.	72.	=0.	0.*U	0. *U	0.
	SAJ0028				66 6.0					*T	.86*T	6.4
COUNTY NAME: PATILLAS					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO PATILLAS	PR00023	PATILLAS	I	COMM P.R.	18 1.3	25.0	77.	112.	138.	17.*E	0. *E	0.
	SAJ0029				66 1.3					*N	3.82*N	6.7
COUNTY NAME: SANTA ISABEL					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO COAMO	PR00016	COAMO	I	COMMENWEALTH	18 0.	58.0	121.	53.	64.	3.*E	0. *E	0.
	SAJ0030			OF P. R.	66 24.0					*N	2.78*N	4.9
COUNTY NAME: TOA ALTA					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO LA PLATA	PR00017	LA PLATA	S	PRASA	18 18.0	175.0	399.	99.	131.	33.*E	0. *E	0.
	SAJ0031				66 12.0					*N	18.83*N	33.0

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF PUERTO RICO

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: UTUADO					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO CAONILLAS	PR00011	CAONILLAS	H	PRWRA	18 16,8	50.0	175,	470,	231,	66,E	17.60E	26.1
	SAJ0032				66 39,4					N	17.13N	25.6
COUNTY NAME: YAUCO					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO LUCCHETTI	PR00003	YAUCO	HI	PRWRA	18 5,6	17.0	136,*	310,*	171,*	21,*E	8.00E	13.5
	SAJ0033				66 51,9					N	7.90N	12.9
PRESADA LOCO	PR00004	LOCO	I	PRWRA	18 0,	8.4	151,*	56,*	72,*	3,*E	0, *E	0,
	SAJ0034				66 54,0					N	3.87N	6.9

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STATE OF SOUTH CAROLINA

PHYSICAL POTENTIAL FOR ADDITIONAL HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT IN THE STATE OF SOUTH CAROLINA

POTENTIAL INCREMENTAL CAPACITY RANGES

HEAD IN FEET	CUMULATIVE TOTALS AT SITES WITH GIVEN HEAD	.05 MW - 15 MW EXIST INST 1 CAP	.05 MW - 15 MW EXIST INCR 2 CAP	.05 MW - 15 MW UNDEV POTEN 3 CAP	.05 MW - 15 MW TOTAL INCR 4 CAP	15 MW - 25 MW EXIST INST 1 CAP	15 MW - 25 MW EXIST INCR 2 CAP	15 MW - 25 MW UNDEV POTEN 3 CAP	15 MW - 25 MW TOTAL INCR 4 CAP	GREATER THAN 25 MW EXIST INST 1 CAP	GREATER THAN 25 MW EXIST INCR 2 CAP	GREATER THAN 25 MW UNDEV POTEN 3 CAP	GREATER THAN 25 MW TOTAL INCR 4 CAP	TOTAL EXIST INST 1 CAP	TOTAL EXIST INCR 2 CAP	TOTAL UNDEV POTEN 3 CAP	TOTAL TOTAL INCR 4 CAP
0-19	NUMBER	4	16	0	16	0	1	0	1	0	0	0	0	4	17	0	17
	CAPCTY	2.9	12.5	0.0	12.5	0.0	20.9	0.0	20.9	0.0	0.0	0.0	0.0	2.9	33.5	0.0	33.5
	ENERGY	9.0	58.0	0.0	58.0	0.0	59.6	0.0	59.6	0.0	0.0	0.0	0.0	9.0	118	0.0	118
20-49	NUMBER	18	22	1	23	1	2	1	3	0	5	3	8	19	29	5	34
	CAPCTY	61.2	31.6	4.5	36.2	18.8	33.1	20.8	53.9	0.0	170	213	383	80.1	234	239	473
	ENERGY	275	157	26.9	184	90.0	85.2	69.0	154	0.0	322	685	1007	365	564	781	1345
50-99	NUMBER	7	9	2	11	3	0	2	2	7	8	6	14	17	17	10	27
	CAPCTY	23.5	13.4	19.0	32.4	57.0	0.0	41.6	41.6	403	343	574	917	484	357	634	991
	ENERGY	107	126	66.6	192	143	0.0	146	146	1434	879	1561	2440	1683	1005	1773	2778
>100	NUMBER	0	2	2	4	0	0	1	1	3	0	4	4	3	2	7	9
	CAPCTY	0.0	3.7	10.8	14.6	0.0	0.0	17.9	17.9	965	0.0	274	274	965	3.7	303	307
	ENERGY	0.0	13.0	36.5	49.5	0.0	0.0	65.1	65.1	683	0.0	847	847	683	13.0	948	961
TOTAL	NUMBER	29	49	5	54	4	3	4	7	10	13	13	26	43	65	22	87
	CAPCTY	87.7	61.4	34.4	95.8	75.8	54.1	80.4	135	1368	513	1061	1574	1532	628	1176	1805
	ENERGY	390	354	130	484	233	145	280	425	2117	1201	3093	4294	2740	1700	3503	5202

L E G E N D

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL
COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
CAPCTY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ABBEVILLE						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
UPPER WARE SHOALS	SCU0007	SALUDA RIVER	HC	DAEN SAC	34 26.0	530.0	976.	60.	66.	54.	U 0.	U 0.
	SAC0074				82 16.0						T 14.74	T 48.8
ROCKY RIVER	SC00247	ROCKY RIVER	HRD	CITY OF ABBE	34 15.5	196.0	450.	78.	52.	31.	E 2.80	E 9.2
	SAS0091			VILLE	82 36.6						N 1.16	N 2.6
COUNTY NAME: AIKEN						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE		AT		
LANGLEY POND	SC00287	HORSE CREEK	D	UNITED MERCH	33 31.2	86.0	46.	17.	22.	3.	E 0.	E 0.
	SAS0092			ANTS INC.	81 50.7						N .43	N 1.3
VAUCLUSE	SC00290	HORSE CREEK	HD	GRANITEVILLE	33 36.8	30.0	45.	52.	33.	1.	E .48	E .8
	SAS0093			MAN CO	81 48.4						N 0.	N 0.
GRANITEVILLE	SC00291	HORSE CREEK	HD	GRANITEVILLE	33 34.7	56.0	71.	41.	18.	1.	E .45	E 1.2
	SAS0094			MAN. CO.	81 48.6						N .22	N .8
SCNONAME02090	SC00361	GIDDY SWAMP CREE	R	COOPER REALI	33 42.0	13.0	15.	42.	45.	4.	E 0.	E 0.
	SAC0075	K		TY	81 18.0						N .25	N .7
COUNTY NAME: ANDERSON						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE		AT		
BROADWAY LAKE	SC00539	BROADWAY CREEK	R	ANDERSON COU	34 27.0	44.0	60.	17.	21.	3.	E 0.	E 0.
	SAS0095			NTY	82 35.0						N .20	N .6
ANDERSON RESERVOIR	SC00540	BEAVERDAM CREEK	RS	H G ANDERSON	34 37.5	10.0	21.	24.	26.	1.	E 0.	E 0.
	SAS0096				82 35.0						N .06	N .2
SCNONAME04008 (BIG CR WATERSHED	SC00546	BIG CREEK	D	CITY OF WILL	34 37.7	5.0	9.	24.	31.	1.	E 0.	E 0.
	SAC0076			IAMSTON	82 29.0						N .06	N .2
LOWER PELZER	SC01078	SALUDA RIVER	H	THE KENDALL	34 37.2	414.0	800.	38.	42.	0.	E 3.28	E 10.0
	SAC0077			COMPANY	82 27.2						N 2.04	N 21.5

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(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ANDERSON					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
UPPER PELZER	SC01079	SALUDA RIVER	H	THE KENDALL	34 39.8	409.0	750.	25.	25.	0.E	1.65E	6.0
	SAC0078			COMPANY	82 27.8					N	2.02N	14.9
COUNTY NAME: BERKELEY					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
ST STEVEN	SCU0003	SANTEE COOPER	H	DAEN SAC	33 24.0	15000.0	14000.	70.	70.	0.U	0. U	0.
	SAC0079				79 55.0					T	77.00T	78.4
JEFFERIES	SC01076	DIVERSION CANAL	HRNC	S C PUBLIC S	33 16.7	15000.0	14000.	68.	77.	1110.E	132.62E	657.0
	SAC0080			ERV ARTH	79 58.7					N	0. N	0.
COUNTY NAME: CHEROKEE					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
GREATER CHEROKEE FALLS	SCU0002	BROAD RIVER	H	DAEN SAC	35 4.1	1500.0	2350.	30.	30.	0.U	0. U	0.
	SAC0081				81 34.3					T	20.86T	69.0
GREATER GASTON SHOALS	SCU0014	BROAD RIVER	HC	DAEN SAC	35 6.4	1420.0	2357.	123.	130.	733.U	0. U	0.
	SAC0082				81 34.4					T	80.95T	268.0
SCNONAME11001 (LAKE WHELCHEL)	SC00261	CHEROKEE CREEK	D	GAFFNEY BOAR D OF PUBLIC	35 6.5	15.0	24.	52.	60.	4.E	0. E	0.
	SAC0083				81 37.4					N	.27N	.5
NINETY-NINE ISLANDS	SC01074	BROAD	HR	DUKE POWER C OMPANY	35 1.8	1550.0	2400.	68.	74.	19.E	18.00E	65.6
	SAC0084				81 29.7					N	30.85N	96.1
GASTON SHOALS	SC01075	BROAD	HR	DUKE POWER C OMPANY	35 8.4	1250.0	2030.	47.	52.	4.E	9.14E	30.1
	SAC0085				81 36.3					N	18.09N	60.0
CHEROKEE FALLS	SC01081	BROAD RIVER	H	BURLINGTON I NDUSTRIES	35 3.8	1500.0	2350.	19.	20.	0.E	1.75E	5.0
	SAC0086				81 33.3					N	4.37N	31.7

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH)
COUNTY NAME: CHESTER					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
ROCKY CREEK-CEDA	SC01071	CATAWBA	HR	DUKE PWR CO	34 32,3	4360,0	5425,	58,	59,	2,E	28,00E	11,1
R CREEK	SAC0087				80 52,6					N	50,16N	201,8
GREAT FALLS-DEAR	SC01073	CATAWBA	H	DUKE PWR CO	34 33,5	4100,0	5150,	71,	71,	2,E	24,00E	29,9
BORN	SAC0088				80 53,6					N	65,97N	215,1
COUNTY NAME: CHESTERFIELD					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
SCNONAME13004 (E	SC00028	JUNIPER CREEK	R	STATE OF SOU	34 38,2	66,0	110,	9,	16,	2,E	0, E	0,
UREKA LAKE)	SAC0089			TH CAROLINA	79 54,0					N	,18N	,3
COUNTY NAME: CLARENDON					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
SPILLWAY (LAKE M	SC00732	SANTEE RIVER	HCR	S C PUBLIC S	33 28,6	14700,0	2200,	47,	50,	1400,E	1,92E	12,0
ARION)	SAC0090			ERV AUTH	80 10,0					N	28,42N	27,8
COUNTY NAME: DARLINGTON					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
HARTSVILLE (PRES	SC00611	BLACK CREEK	ROH	SUNOCO WOOD	34 23,4	215,0	301,	15,	10,	1,E	,32E	,8
TWOOD LAKE)	SAC0091			PRODUCTS	80 9,0					N	,26N	,2
SCNONAME16028 (K	SC00629	PEE DEE RIVER	O	KLOPMAN MILL	34 31,6	7461,0	8610,	10,	13,	0,E	0, E	0,
LOPMAN MILL POND	SAC0092			S	79 50,0					N	20,99N	59,7
SCNONAME16033 LA	SC00632	BLACK CREEK	HRO	CAROLINA POW	34 24,2	173,0	242,	35,	40,	31,E	0, E	0,
KE ROBINSON	SAC0093			ER COMPANY	80 9,0					N	1,41N	3,2
COUNTY NAME: DORCHESTER					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
WALTERBORO	SCU0005	EDISTO			33 4,5	1970,0	2241,	80,	80,	0,U	0, U	0,
	SAC0094				80 30,0					T	36,49T	77,0

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **EDGEFIELD**					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
STEVENS CREEK RESERVOIR	SC01070 SAS0097	SAVANNAH RIVER	HRO	S C ELECTRIC + GAS CO	33 37.4 82 3.0	7173.0	9900.0	28.0	29.0	18.0E N	18.88E 41.78N	90.0 92.3
COUNTY NAME: **GREENVILLE**					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
THE FORKS	SCU0016 SAC0095	SALUDA RIVER	HC	DAEN SAC	34 55.4 82 31.1	300.0U	655.0	95.0	100.0	348.0U T	0. U 19.01T	0. 66.4
SCNONAME23001 (LAKE LANIER)	SC00001 SAC0096	VAUGHN CREEK	RS	SOUTHERN MER CERIZING CO	35 11.0 82 14.5	7.0	13.0	42.0	50.0	2.0E N	0. E .14N	0. .4
SCNONAME23002 (LAKE CUNNINGHAM)	SC00002 SAC0097	SOUTH TYGER RIVER	S R	GREEN PUBLIC WORKS	34 59.1 82 15.5	67.0	107.0	19.0	22.0	1.0E N	0. E .82N	0. 2.8
SCNONAME23003 (NORTH SALUDA RESER	SC00003 SAC0098	NORTH SALUDA RIV ER	S	GREENVILLE W ATER SYSTEM	35 8.4 82 24.4	26.0	57.0	160.0	160.0	76.0E N	0. E 2.67N	0. 9.2
HOLIDAYS BRIDGE	SC00023 SAC0099	SALUDA RIVER	HS	DUKE POWER C OMPANY	34 31.6 82 22.5	531.0	880.0	42.0	44.0	7.0E N	3.50E 1.38N	12.7 16.2
SALUDA	SC00024 SAC0100	SALUDA RIVER	HSR	DUKE POWER C OMPANY	34 51.1 82 29.1	315.0	600.0	41.0	47.0	8.0E N	2.40E 2.04N	7.8 18.2
SCNONAME23026 (TABLE ROCK COVE)	SC00025 SAC0101	SOUTH SALUDA RIV ER	S	GREENVILLE W ATER SYSTEM	35 3.9 82 40.3	14.0	31.0	125.0	146.0	30.0E N	0. E 1.12N	0. 3.9
PIEDMONT	SC01068 SAC0102	SALUDA	HR	J P STEVENS CO INC	34 42.1 82 27.6	375.0	740.0	24.0	28.0	1.0E N	1.00E 5.00N	6.7 14.3
COUNTY NAME: **GREENWOOD**					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
BUZZARDS ROOST-LAKE GREENWOOD	SC00109 SAC0103	SALUDA RIVER	HSR	GREENWOOD CO UNTY	34 10.4 81 54.3	1150.0	1650.0	54.0	65.0	270.0E N	15.00E 3.55N	47.0 15.0

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: HAMPTON					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
SCNONAME25001 (LAKE WARREN)	SC00994 SAC0104	BLACK CREEK	R		32 49,5 / 81 10,5	48,0	44,*	8,*	12,*	4,*E / *N	0, *E / ,11*N	0, / ,2
COUNTY NAME: KERSHAW					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
SCNONAME28005 (HERMITAGE MILL PO	SC00460 SAC0105	BIG PINE TREE CR	R	HERMITAGE MI LL	34 14,8 / 80 34,5	53,0*	66,*	10,*	14,*	3,*E / *N	0, *E / ,16*N	0, / ,3
LAKE WATEREE	SC00485 SAC0106	WATEREE RIVER	HSR	DUKE POWER C O,	34 20,0 / 80 42,0	4750,0*	5825,*	77,*	83,*	304,*E / *N	56,00*E / 57,04*N	221,2 / 86,7
COUNTY NAME: LANCASTER					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
FISHING CREEK	SC00138 SAC0107	CATAWBA RIVER	HR	DUKE POWER C O,	34 36,0 / 80 53,2	3810,0*	4860,*	58,*	62,*	60,*E / *N	36,72*E / 31,58*N	138,8 / 47,2
CEDAR CREEK-ROCKY CREEK	SC00139 SAC0108	CATAWBA RIVER	HR	DUKE POWER C O,	34 32,4 / 80 52,5	4360,0*	5425,*	58,*	59,*	2,*E / *N	45,00*E / 33,16*N	131,9 / 81,0
DEARBORN-GREAT FALLS	SC00140 SAC0109	CATAWBA RIVER	H	DUKE POWER COMPANY	34 33,4 / 80 53,5	4100,0*	5150,*	71,*	71,*	2,*E / *N	45,00*E / 44,97*N	137,6 / 107,4
COUNTY NAME: LAURENS					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
SCNONAME30001 (CLINTON MILL POND	SC00248 SAC0110	BEARDS CREEK	O	CLINTON MILL S	34 29,3 / 81 54,1	3,0*	4,*	50,*	55,*	1,*E / *N	0, *E / ,07*N	0, / ,2
TUMBLING SHOALS (SCNONAME30016)	SC00259 SAC0111	REEDY RIVER	HR	DUKE POWER COMPANY	34 30,4 / 82 13,4	250,0*	375,*	16,*	20,*	0,*E / *N	,30*E / 2,37*N	1,1 / 8,2
BOYDS MILL	SC01066 SAC0112	REEDY RIVER	H	DUKE POWER C O,	34 27,2 / 82 11,7	224,0*	315,*	47,*	49,*	3,*E / *N	,96*E / 2,72*N	5,2 / 16,1

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE / LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: LAURENS					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
WARE SHOALS	SC01067	SALUDA RIVER	HR	RIEGEL TEXTI	34 24,1	564,0	1000,*	51,*	52,*	0,*E	5,00*E	19,0
	SAC0113			LE CORP	82 14,6					*N	1,23*N	18,2
COUNTY NAME: LEXINGTON					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
SCNONAME 32003 L	SC00143	TWELVE MILE CREE	S	BURLINGTON I	33 58,5	34,0	40,*	30,*	36,*	0,*E	,30*E	,4
EXINGTON MILL PO	SAC0114	K		NDUSTRIES	81 14,0					*N	,06*N	,2
SCONAME 32006 BA	SC00148	TWELVE MILE CREE	RH	LEXINGTON WI	33 57,5	31,0	36,*	12,*	12,*	1,*E	0, *E	0,
RR LAKE	SAC0115	K		LDLIFE	81 15,5					*N	,11*N	,2
SALUDA-LAKE MURR	SC00224	SALUDA RIVER	HR	S CAR ELECTR	34 3,0	2400,0	2700,*	172,*	188,*	2096,*E	197,50*E	225,0
AY	SAC0116			IC AND GAS	81 13,0					*N	0, *N	0,
COUNTY NAME: MARLBORO					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
SCNONAME35002(AN	SC00636	PHILS CREEK	HRSO	PALMETTO BRI	34 41,5	23,0	36,*	8,*	9,*	0,*E	0, *E	0,
DERSON MILL POND	SAC0117			CK CO,	79 50,1					*N	,05*N	,1
COUNTY NAME: NEWBERRY					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
BLAIR	SCU0008	BROAD RIVER	HR	DAEN SAC	34 25,4	4475,0	5520,*	70,*	80,*	945,*U	0, *U	0,
	SAC0118				81 24,4					*T	96,82*T	263,7
PARR SHOALS,	SC00110	BROAD RIVER	HRC	S CAR ELEC A	34 15,5	4700,0	5600,*	28,*	38,*	50,*E	14,88*E	88,0
	SAC0119			ND GAS	81 20,0					*N	25,92*N	23,1
COUNTY NAME: OCONEE					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
ROGUES FORD	SCU0023	CHATTOOGA RIVER	HR		34 48,9	193,0	620,*	243,*	126,*	13,*U	0, *U	0,
	SAS0098				83 18,0					*T	28,79*T	104,7

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: OCONEE					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
WAR WOMAN	SCU0024	CHATTOOGA RIVER	HR		34 52.7	163.0	550.	179.	187.	162.U	0.	0.
	SAS0099				83 14.0					T	17.91	65.1
CAMP CREEK	SCU0025	CHATTOOGA RIVER	HR		34 45.5	258.0	760.	177.	99.	6.U	0.	0.
	SAS0100				83 19.3					T	28.03	101.9
LOWER WHITEWATER	SCU0026	WHITEWATER RIVER	HR		35 1.0	17.0	70.	890.	165.	12.U	0.	0.
	SAS0101				82 59.7					T	9.72	33.4
BAD CREEK	SCU0028	BAD CREEK	H		35 .4	2.0	5.	1205.	325.	36.U	0.	0.
	SAS0102				83 1.1					T	1.11	3.1
MOUNTAIN LAKE	SC00515	JERRY CREEK	R	LAKE BECKY D	34 51.0	3.0	9.	38.	40.	1.E	0.	0.
	SAS0103			EVELOPMENT	83 7.2					N	.05	.1
CONEROSS CREEK N O 8	SC00521	CONEROSS CREEK	RC	W J HARVEY E ST. + OTHERS	34 43.0	18.0	69.	7.	30.	4.E	0.	0.
	SAS0104				83 5.0					N	.18	.7
LAKE JOCASSE	SC00529	KEOWEE RIVER	H	DUKE POWER	34 57.6	148.0	300.	307.	385.	1316.E	610.00 E	374.0
	SAS0105				82 55.2					N	0. N	0.
COUNTY NAME: PICKENS					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
LAKE ISSAQUENNA	SC00691	SIX MILE CREEK	R	CLEMSON UNIV	34 44.1	10.0	21.	28.	31.	1.E	0.	0.
	SAS0106			ERSITY	82 51.9					N	.07	.2
TWELVE MILE CREEK NO 16	SC00699	RICES CREEK	CR	ROY WHITLOCK + OTHERS	34 50.5	12.0	24.	14.	26.	2.E	0.	0.
	SAS0107				82 43.0					N	.07	.2
WOLF CREEK LAKE	SC00700	WOLF CREEK	CR	ROBERT WELBU	34 51.3	17.0	31.	13.	26.	3.E	0.	0.
	SAS0108			RN + OTHERS	82 44.5					N	.10	.3
LAKE KEOWEE	SC00706	KEOWEE RIVER	HRO	DUKE POWER C	34 48.0	451.0	650.	138.	150.	960.E	157.50 E	84.0
	SAS0109			OMPANY	82 53.3					N	0. N	0.

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **RICHLAND**					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
FROST SHOALS	SCU0001	BROAD RIVER	H	DAEN SAC	34 1,7	5130,0	6833,*	75,*	75,*	0,*U	0, *U	0,
	SAC0120				81 4,1					*T	118,91*T	323,9
SCNONAME40001 (L AKE COLUMBIA)	SC00046	RICE CREEK	R	BOINEAU REAL TY	34 10,5 80 56,0	6,0	7,*	25,*	30,*	1,*E *N	0, *E ,05*N	0, ,1
SCNONAME40051 (C OLUMBIA RESERVOI	SC00087 SAC0122	CONGAREE RIVER	S	CITY OF COLU MBIA	34 ,5 81 3,2	5240,0	6550,*	20,*	25,*	0,*E *N	0, *E 32,39*N	0, 88,2
WESTON LAKE DAM =FT JACKSON=	SC00233 SAC0123	CEDAR CREEK	R	DOD USA	33 59,9 80 49,9	9,0	9,*	25,*	28,*	5,*E *N	0, *E ,08*N	0, ,1
COLUMBIA	SC01064 SAC0124	BROAD	H	S C ELECT AN D GAS CO	34 2,0 81 4,2	5230,0	6300,*	32,*	14,*	1,*E *N	10,60*E 41,13*N	50,5 90,4
COUNTY NAME: **SPARTANBURG**					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
BURNT FACTORY	SCU0011 SAC0125	TYGER RIVER	HC	DAEN SAC	34 41,6 81 49,9	420,0	588,*	52,*	52,*	0,*U *T	0, *U 4,27*T	0, 17,8
NESBIT	SCU0012 SAC0126	TYGER RIVER	HC	DAEN SAC	34 45,2 81 55,5	365,0	511,*	93,*	98,*	103,*U *T	0, *U 22,64*T	0, 79,1
TROUGH	SCU0013 SAC0127	PACOLET RIVER	H	DAEN SAC	34 55,2 81 45,1	460,0	690,*	45,*	45,*	17,*U *T	0, *U 4,57*T	0, 26,9
VAN PATTON	SCU0030 SAC0128	ENOREE RIVER		DUKE POWER C OMPANY	34 45,2 82 6,5	170,0	231,*	55,*	60,*	0,*E *N	,75*E 2,01*N	1,0 7,4
APALACHEE MILL S CNONAME 42001	SC00734 SAC0129	SOUTH TYGER	O	J P STEVENS CO INC	34 57,9 82 12,2	45,0	68,*	46,*	26,*	1,*E *N	1,30*E ,03*N	2,3 2,3
BERRY SHOALS DAM	SC00736 SAC0130	SOUTH TYGER RIVE R	O	STARTEX MILL S	34 53,3 82 6,2	100,0	160,*	46,*	31,*	1,*E *N	2,00*E 0, *N	3,4 0,

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: SPARTANBURG				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE						
SCNDNAME42004 (L	SC00737	MIDDLE TYGER RIV	UR	LOWENSTEIN C	34 57,9	46,0	71,*	35,*	40,*	8,*E	0, *E	0,
YMAN LAKE)	SAC0131	ER		ORP,	82 12,1					*N	1,03*N	3,6
SCNDNAME42006 (W	SC00739	SOUTH PACOLET RI	SRO	SPARTANBURG	35 6,5	90,0	145,*	35,*	50,*	32,*E	0, *E	0,
,C, BOWEN LAKE)	SAC0132	VER		WATER WORKS	82 1,0					*N	1,52*N	4,4
PACOLET	SC01060	PACOLET RIVER	HR	PACOLET INDU	34 55,2	460,0	620,*	26,*	27,*	0,*E	,80*E	2,7
	SAC0133			STRIES INC	81 44,2					*N	3,19*N	11,4
CLIFTON NO 1	SC01061	PACOLET RIVER	HR	DAN RIVER MI	34 58,9	319,0	440,*	21,*	22,*	0,*E	,80*E	3,0
	SAC0134			LLS INC	81 49,4					*N	3,67*N	12,6
CLIFTON NO 2	SC01062	PACOLET RIVER	HR	DAN RIVER MI	34 58,8	320,0	440,*	17,*	18,*	0,*E	,53*E	2,1
	SAC0135			LLS INC	81 48,9					*N	3,10*N	10,6
CLIFTON NO 3	SC01063	PACOLET	HR	DAN RIVER MI	34 59,7	318,0	440,*	27,*	28,*	0,*E	1,10*E	2,8
	SAC0136			LS INC	81 50,1					*N	4,63*N	17,2
R B SIMMS IS PAC	SC01077	SOUTH PACOLET RI	SH	SPARTANBURG	35 6,6	93,0	150,*	56,*	58,*	4,*E	1,00*E	4,4
OLET RIVER RESER	SAC0137	VER		WATER WORKS	81 58,2					*N	1,51*N	2,9
PRINT CRASH	SC01080	MIDDLE TYGER RIV	H	STARTEX MILL	34 55,8	72,0	95,*	54,*	54,*	0,*E	1,20*E	2,3
	SAC0138	ER		S	82 6,2					*N	1,30*N	6,3
COUNTY NAME: UNION				FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT						
NEAL SHOALS	SC01058	BROAD	HR	S C ELECTRIC	34 39,9	2730,0	3800,*	24,*	29,*	6,*E	5,20*E	30,0
	SAC0139			AND GAS CO	81 26,9					*N	15,05*N	25,2
LOCKHART	SC01059	BROAD RIVER	H	LOCKHART POW	34 47,9	2600,0	3640,*	52,*	53,*	1,*E	12,30*E	70,0
	SAC0140			ER COMPANY	81 27,6					*N	29,49*N	43,8

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(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
(3) = E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: YORK					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
GREATER LOCKHART	SCU0029	BROAD RIVER	HCR	DAEN SAC	34 48,6	2600,0	3640,*	170,*	112,*	2250,*U	0, *U	0,
	SAC0141				81 28,0					*T	136,61*T	372,1
SCNONAME46008 (F	SC00667	FISHING CREEK	C		35 0,	11,6*	14,*	18,*	25,*	3,*E	0, *E	0,
ISHING CR WSHED	SAC0142				81 12,3					*N	,06*N	,1
CATAWBA DAM LAKE	SC00687	CATAWBA	HR	DUKE POWER C*	35 1,3	3020,0	4100,*	68,*	75,*	282,*E	60,00*E	136,7
WYLIE	SAC0143			0,	81 ,5					*N	2,35*N	72,8

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STATE OF TENNESSEE

PHYSICAL POTENTIAL FOR ADDITIONAL HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT IN THE STATE OF TENNESSEE

POTENTIAL INCREMENTAL CAPACITY RANGES

HEAD IN FEET	CUMULATIVE AMOUNT	.05 MW - 15 MW EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	15 MW - 25 MW EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	GREATER THAN 25 MW EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	TOTAL EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP
0-19	NUMBER	0	4	0	4	1	0	0	0	0	0	1	1	1	4	1	5
	CAPCTY	0.0	1.6	0.0	1.6	21.0	0.0	0.0	0.0	0.0	0.0	306	306	21.0	1.6	306	308
	ENERGY	0.0	4.5	0.0	4.5	45.5	0.0	0.0	0.0	0.0	0.0	1062	1062	45.5	4.5	1062	1066
20-49	NUMBER	0	22	0	22	0	0	0	0	3	2	2	4	3	24	2	26
	CAPCTY	0.0	8.2	0.0	8.2	0.0	0.0	0.0	0.0	183	590	5664	6255	183	599	5664	6263
	ENERGY	0.0	23.5	0.0	23.5	0.0	0.0	0.0	0.0	1091	1179	20483	21662	1091	1203	20483	21686
50-99	NUMBER	1	3	5	8	1	3	1	4	11	8	9	17	13	14	15	29
	CAPCTY	10.6	24.4	33.5	57.9	18.0	64.1	24.1	88.2	1012	2279	503	2782	1041	2368	561	2929
	ENERGY	33.2	29.3	95.4	125	65.0	55.9	79.7	136	6036	3784	1429	5213	6134	3869	1605	5473
>100	NUMBER	0	2	4	6	0	1	1	2	10	4	11	15	10	7	16	23
	CAPCTY	0.0	12.6	36.5	49.2	0.0	15.6	21.3	36.9	851	273	675	948	851	301	733	1034
	ENERGY	0.0	0.0	111	111	0.0	0.0	65.1	65.1	3937	150	2031	2181	3937	150	2207	2358
TOTAL	NUMBER	1	31	9	40	2	4	2	6	24	14	23	37	27	49	34	83
	CAPCTY	10.6	46.9	70.1	117	39.0	79.8	45.4	125	2046	3142	7149	10291	2096	3269	7264	10533
	ENERGY	33.2	57.4	207	264	111	55.9	145	201	11064	5113	25004	30118	11208	5227	25356	30583

L E G E N D

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL
COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
CAPCTY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: BEDFORD					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
COUNTY LINE	TN00037	DUCK RIVER			35 34,7	717,0	1150,*	53,*	60,*	0,*U	0, *U	0,
	ORN0093				86 39,1					*T	10,68*T	29,8
COUNTY NAME: BLOUNT					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
NALE CREEK	TN00023	LITTLE RIVER			35 48,2	268,0*	510,*	51,*	68,*	71,*U	0, *U	0,
	ORN0094				83 53,5					*T	6,35*T	21,3
MOUNT NEBO	TN00024	LITTLE RIVER			35 44,0	188,0*	380,*	114,*	152,*	190,*U	0, *U	0,
	ORN0095				83 49,1					*T	9,96*T	33,5
CHILHOWEE LAKE	TN00059	LITTLE TENNESSEE	HR	TAPOCO INC	35 32,7	1977,0*	4602,*	48,*	65,*	40,*E	50,00*E	256,8
	ORN0096				84 3,0					*N	0, *N	0,
CALDERWOOD LAKE	TN00083	LITTLE TENNESSEE	HR	TAPOCO INC,	35 29,5	1656,0*	4320,*	148,*	200,*	55,*E	121,50*E	756,3
	ORN0097				83 58,8					*N	0, *N	0,
COUNTY NAME: CAMPBELL					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
NORRIS LAKE	TN00058	CLINCH RIVER	CHNR	TVA	36 13,5	2912,0*	4367,*	176,*	238,*	2552,*E	100,60*E	655,3
	ORN0098				84 5,5					*N	0, *N	0,
LAFOLLETTE CITY RESERVOIR NO 1	TN00118	OLLIS CK	S	CITY OF LAFO LLETTE	36 23,4	13,0*	43,*	18,*	25,*	0,*E	0, *E	0,
	ORN0099				84 8,3					*N	,18*N	,5
LAFOLLETTE CITY RESERVOIR NO 2	TN00119	OLLIS CK	S	CITY OF LAFO LLETTE	36 22,2	11,0*	36,*	26,*	35,*	1,*E	0, *E	0,
	ORN0100				84 10,5					*N	,21*N	,6
COUNTY NAME: CARTER					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
PINE CAMP	TN00020	ELK RIVER			36 13,5	49,0*	90,*	548,*	150,*	23,*U	0, *U	0,
	ORN0101				81 58,2					*T	12,93*T	37,4

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

(07/10/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH)
COUNTY NAME: CARTER					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
HAMPTON	TN00032	DOE RIVER			36 17.8	126.0	225.	465.	325.	205.*U	0.	0.
	ORN0102				82 10.5					*T	21.33*T	65.2
ELK MILLS	TN00034	ELK RIVER			36 15.3	69.0	100.	238.	130.	10.*U	0.	0.
	ORN0103				81 59.4					*T	7.91*T	22.9
WATAUGA LAKE	TN00063	WATAUGA RIVER	CHNR	TVA	36 19.3	468.0	1046.	218.	295.	677.*E	50.00*E	194.0
	ORN0104				82 7.3					*N	0. *N	0.
WILBUR LAKE	TN00064	WATAUGA RIVER	HR	TVA	36 20.5	471.0	803.	52.	70.	1.*E	10.70*E	33.3
	ORN0105				82 7.6					*N	0. *N	0.
COUNTY NAME: CHEATHAM					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
THREE ISLANDS DAM	TN00013	HARPETH RIVER	HCR	CORPS	36 15.2	854.0	1190.	87.	120.	715.*E	0. *E	0.
	ORN0106				87 11.3					*N	25.45*N	56.4
CHEATHAM	TN00047	CUMBERLAND	HNR	DAEN ORN	36 18.9	14159.0	22274.	47.	64.	104.*E	36.00*E	166.0
	ORN0107				87 13.2					*N	266.40*N	530.2
COUNTY NAME: CLAIBORNE					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
WAR RIDGE	TN00014	CLINCH RIVER			36 24.6	1480.0	2058.	170.	180.	620.*U	0. *U	0.
	ORN0108				83 26.5					*T	106.55*T	233.2
CUMBERLAND GAP	TN00036	POWELL RIVER			36 32.5	685.0	1130.	172.	190.	0.*U	0. *U	0.
	ORN0109				83 38.3					*T	59.25*T	127.1
COUNTY NAME: CLAY					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
DALE HOLLOW	TN00043	OBEY	HCR	DAEN ORN	36 32.3	936.0	1854.	120.	163.	1706.*E	54.00*E	195.3
	ORN0110				85 27.1					*N	0. *N	0.

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **COFFEE**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LAKE TULLAHOMA	TNU0121	CARROLL CK	OP	ROBERT G RAT	35 24.0	2.0	21.	21.	29.	1.	E 0.	E 0.
	ORN0111			CLIFFE	86 12.4						N .09	N .3
MORTON LAKE	TNU0126	DUCK RIVER	R	ROWLIN MORTO	35 29.8	55.0	96.	12.	16.	0.	E 0.	E 0.
	ORN0112		N		86 6.1						N .22	N .5
COUNTY NAME: **COOKE**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
OLD TOWN	TNU0021	FRENCH BROAD RIV			35 58.9	1856.0	2822.	72.	75.	0.	U 0.	U 0.
	ORN0113	ER			83 8.1						T 47.47	T 150.8
LONG CREEK	TNU0027	FRENCH BROAD RIV			35 56.6	1642.0	3400.	118.	157.	350.	U 0.	U 0.
	ORN0114	ER			83 3.8						T 77.22	T 245.3
HARTFORD	TNU0031	PIGEON RIVER			35 48.4	546.0	990.	372.	130.	0.	U 0.	U 0.
	ORN0115				83 8.4						T 98.00	T 344.2
COUNTY NAME: **CUMBERLAND**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
DADDYS CREEK	TNU0035	DADDYS CREEK			36 2.4	168.0	320.	260.	290.	233.	U 0.	U 0.
	ORN0116				84 48.6						T 25.53	T 72.3
HOLIDAY LAKE	TNU0078	OBED RIVER	RS	HENRY ROGERS	35 57.4	6.0	19.	22.	30.	4.	E 0.	E 0.
	ORN0117				85 3.6						N .08	N .3
BYRD LAKE	TNU0107	BYRD CK	R	STATE OF TEN	35 54.1	9.0	21.	19.	26.	1.	E 0.	E 0.
	ORN0118			NESSEE	84 59.9						N .08	N .3
COUNTY NAME: **DAVIDSON**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
UDPTN90000	TNU0008	MILL CREEK			36 2.2	52.0	91.	77.	0.	0.	U 0.	U 0.
	ORN0119				86 40.4						T 1.46	T 3.5

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **DAVIDSON**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
OLD HICKORY	TNU0045	CUMBERLAND	HNCR	DAEN ORN	36 17,6	11673,0	18363,*	58,*	78,*	545,*E	100,00*E	621,1
	ORN0120				86 39,3					*N	210,71*N	83,2
J PERCY PRIEST	TNU0046	STONES	CRH	DAEN ORN	36 9,4	892,0	1483,*	95,*	129,*	652,*E	28,00*E	85,2
	ORN0121				86 37,1					*N	0, *N	0,
COUNTY NAME: **DEKALB**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
CENTER HILL	TNU0044	CANEY FORK	CHR	DAEN ORN	36 5,8	2174,0	4307,*	159,*	215,*	2092,*E	135,00*E	512,0
	ORN0122				85 49,6					*N	0, *N	0,
COUNTY NAME: **DICKSON**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
ACORN LAKE	TNU0067	TR-JONES CR	R	STATE OF TEN	36 6,0	1,0	61,*	28,*	38,*	1,*E	0, *E	0,
	ORN0123			NESSEE	87 16,6					*N	,45*N	1,0
COUNTY NAME: **DYER**					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE AT					
LOCK AND DAM NO, 4	TNU0006	MISSISSIPPI RIVE			36 1,7	923465,0	469578,*	30,*	30,*	0,*U	0, *U	0,
	LMM0019	R			89 41,7					*T	2820,66*T	10200,
COUNTY NAME: **FRANKLIN**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
TIMS FORD LAKE	TNU0069	ELK RIVER	CHSRD	TVA	35 11,8	529,0	993,*	116,*	160,*	608,*E	45,00*E	98,9
	ORN0124				86 16,7					*N	0, *N	0,
WOODS RESERVOIR	TNU0070	ELK RIVER	SCR	DOD USAF	35 17,9	263,0	473,*	49,*	66,*	88,*E	0, *E	0,
	ORN0125				86 5,8					*N	3,98*N	12,3
JACKSON LAKE	TNU0117	BETHEL CK	S	UNIVERSITY O	35 11,3	1,0	10,*	34,*	46,*	0,*E	0, *E	0,
	ORN0126			F THE SOUTH	85 53,4					*N	,07*N	,3

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

(07/10/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **FRANKLIN**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
TNNONAME 474	TNU0140	BETHEL CK	R	CLARENCE DAY	35 11,1	2,0	21,	36,	49,	0,E	0, E	0,
	ORN0127				85 52,3					N	,16 N	,5
COUNTY NAME: **GILES**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LAKE LOGAN	TNU0124	TR-ELKS RIVER	R	LAKE LOGAN I	35 4,0	1,0	61,	26,	35,	1,E	0, E	0,
	ORN0128			NC	86 51,4					N	,42 N	1,0
COUNTY NAME: **GRAINGER**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
BEAVER CREEK	TNU0040	HOLSTON RIVER			36 6,0	3550,0	4920,	50,	53,	68,U	0, U	0,
	ORN0129				83 37,9					T	65,22 T	178,7
COUNTY NAME: **GREENE**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LOWER NOLICHUCKY	TNU0026	NOLICHUCKY RIVER			36 10,2	1630,0	2150,	95,	115,	1361,U	0, U	0,
	ORN0130				83 10,1					T	55,01 T	174,7
BUCKINGHAM FERRY	TNU0039	NOLICHUCKY RIVER			36 8,7	1096,0	1710,	103,	105,	77,U	0, U	0,
	ORN0131				82 45,1					T	52,32 T	173,2
COUNTY NAME: **GRUNDY**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
GRUNDY CO LAKE N	TNU0116	LITTLE FIERY GIZ	R	STATE OF TEN	35 16,0	1,0	10,	26,	35,	0,E	0, E	0,
D 2	ORN0132	ZARD CK		NESSEE	85 43,0					N	,06 N	,2
TNNONAME145	TNU0134	BIG FIERY GIZZAR	R	DR CHARLES L	35 15,8	1,0	10,	23,	31,	0,E	0, E	0,
	ORN0133	D CK		ITTELL	85 46,5					N	,05 N	,2

LEGEND

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: HAMILTON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
CHICKAMAUGA LAKE	TNU0075	TENNESSEE RIVER	NCHR	TVA	35 6,1	20790,0	36477,*	76,*	103,*	739,*E	108,00*E	867,3
	ORN0134				85 13,7					*N	507,38*N	1058,1
BOSTON BRANCH LAKE	TNU0106	BOSTON BRANCH	R	NEIL THOMAS	35 14,7	1,0*	10,*	32,*	43,*	1,*E	0, *E	0,
	ORN0135				85 16,5					*N	,07*N	,2
COUNTY NAME: HARDIN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
PICKWICK LAKE	TNU0068	TENNESSEE RIVER	NCHR	TVA	35 4,3	38820,0	65672,*	67,*	91,*	1105,*E	220,00*E	1363,2
	ORN0136				88 15,1					*N	890,72*N	1738,6
COUNTY NAME: HAWKINS					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
SURGOINSVILLE	TNU0017	HOLSTON RIVER			36 28,3	2870,0	3560,*	71,*	72,*	227,*U	0, *U	0,
	ORN0137				82 50,8					*T	72,39*T	229,9
COUNTY NAME: HENDERSON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
PIN OAK LAKE	TNU0072	BROWNS CR	CRI	TVA	35 40,8	8,0*	13,*	24,*	33,*	13,*E	0, *E	0,
	ORN0138				88 16,8					*N	,08*N	,2
BEECH LAKE	TNU0102	BEECH RIVER	CRS	TVA	35 39,6	16,0*	26,*	21,*	28,*	16,*E	0, *E	0,
	ORN0139				88 24,9					*N	,14*N	,3
COUNTY NAME: HICKMAN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
TOTTY	TNU0015	DUCK RIVER			35 47,3	1820,0	2820,*	96,*	100,*	720,*U	0, *U	0,
	ORN0140				87 23,2					*T	77,77*T	160,0

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE / LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: JEFFERSON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
CHEROKEE LAKE	TNU0061 ORN0141	HOLSTON RIVER	CHNR	TVA	36 10.0 83 29.9	3429.0	5143.	124.	168.	1541. 	120.00E 0.	535.0 0.
COUNTY NAME: JOHNSON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
HOPPER CREEK	TNU0030 ORN0142	ROAN CREEK			36 23.6 81 54.4	106.0	170. 	150. 	160. 	0. 	0.U 5.79T	0. 17.7
COUNTY NAME: KNOX					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
RIVERDALE	TNU0019 ORN0143	FRENCH BROAD RIVER			35 57.4 83 45.8	5100.0	7562. 	50. 	53. 	172. 	0.U 75.89T	0. 262.3
COUNTY NAME: LAKE					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
BESSIE CUT-OFF	TNU0004 LMM0020	MISSISSIPPI RIVER			36 25.0 89 30.0	923225.0	246789.	6. 	6. 	0. 	0.U 306.23T	0. 1061.6
COUNTY NAME: LAWRENCE					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LAUREL HILL LAKE	TNU0074 ORN0144	PETER CAVE CREEK	R	TN GAME FISH COMM	35 21.1 87 32.0	8.0	13. 	38. 	52. 	8. 	0.E .13N	0. .3
DAVID CROCKETT LAKE	TNU0111 ORN0145	CRAWFISH CK	R	STATE OF TENNESSEE	35 16.1 87 21.5	8.0	13. 	23. 	31. 	1. 	0.E .07N	0. .2
VFW LAKE	TNU0133 ORN0146	WEAVER BR	R	TN GAME AND FISH COMM	35 21.4 87 29.1	1.0	61. 	29. 	39. 	0. 	0.E .46N	0. 1.1

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

(07/10/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: LEWIS					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
TNNONAME351	TNU0139 ORN0147	SQUAW BR	R	DAN W MADDOX	35 25.5 87 29.1	3.0	184.	24.	33.	0.E N	0. 1.00	E 0. N 2.6
COUNTY NAME: LINCOLN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
KELSO	TNU0028 ORN0148	ELK RIVER			35 7.8 86 26.6	697.0	1190.	57.	70.	0.U T	0. 11.86	U 0. T 31.7
COUNTY NAME: LOUDON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
MELTON HILL LAKE	TNU0057 ORN0149	CLINCH RIVER	NHR	TVA	35 53.1 84 18.0	3343.0	5014.	72.	97.	126.E N	72.00 0.	E 264.5 N 0.
FORT LOUDON LAKE	TNU0060 ORN0150	TENNESSEE RIVER	NCHR	TVA	35 47.5 84 14.6	9550.0	14118.	85.	115.	393.E N	135.60 105.97	E 803.9 N 31.0
COUNTY NAME: MARION					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
NICKAJACK LAKE	TNU0071 ORN0151	TENNESSEE RIVER	NCHO	TVA	35 .1 85 37.2	21870.0	38372.	50.	67.	252.E N	97.20 323.89	E 668.4 N 649.1
COUNTY NAME: MARSHALL					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LEWISBURG RESERV DIR	TNU0073 ORN0152	TURNER BRANCH	SR	CITY OF LEWISBURG	35 24.2 86 50.3	1.0	61.	21.	28.	0.E N	0. .34	E 0. N .8
COUNTY NAME: MCMINN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
CHARLESTON	TNU0038 ORN0153	HIWASSEE RIVER			35 15.3 84 44.0	2189.0	4650.	50.	60.	238.U T	0. 54.48	U 0. T 128.9

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

(07/10/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: MEIGS					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
WATTS BAR LAKE	TN00066	TENNESSEE RIVER	NCHR	TVA	35 37,2	17310,0	30372,	78,	105,	1175,	E 153,30	E1061,8
	OR00154				84 47,0						N 369,02	N 572,4
COUNTY NAME: MONTGOMERY					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
ROSSVIEW DAM	TN00012	RED RIVER	C	CORPS	36 33,2	955,0	1420,	77,	86,	372,	E 0,	E 0,
	OR00155				87 12,4						N 23,24	N 55,9
COUNTY NAME: MORGAN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
NEMO	TN00022	OBED RIVER			36 5,8	517,0	950,	335,	335,	411,	U 0,	U 0,
	OR00156				84 41,1						T 70,49	T 288,1
COUNTY NAME: PERRY					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
SINKING CREEK	TN00018	BUFFALO RIVER			35 31,2	449,0	710,	134,	155,	700,	U 0,	U 0,
	OR00157				87 50,6						T 26,64	T 60,1
COUNTY NAME: POLK					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
TODD MOUNTAIN	TN00016	OCOEE RIVER			35 7,5	615,0	1260,	120,	126,	271,	U 0,	U 0,
	OR00158				84 40,4						T 29,54	T 116,9
AUSTRAL	TN00041	HIWASSEE RIVER			35 13,4	1223,0	2620,	103,	140,	158,	U 0,	U 0,
	OR00159				84 31,7						T 62,70	T 148,4
PARKSVILLE LAKE	TN00065	OCEE RIVER	HR	TVA	35 5,7	595,0	1422,	95,	129,	87,	E 18,00	E 65,0
	OR00160				84 38,9						N 5,09	N 29,4
OCOEE NUMBER 3 LAKE	TN00081	OCOEE RIVER	HR	TVA	35 2,4	492,0	1123,	75,	102,	4,	E 27,00	E 238,5
	OR00161				84 28,0						N 0,	N 0,

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: POLK					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
OCOEE NUMBER 2 LAKE	TNU0062 ORN0162	OCOEE RIVER	H	TVA	35 5,0 84 29,5	512,0	1169,	13,	18,	0,E N	21,00E 0, N	45,5 0,
COUNTY NAME: PUTNAM					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
MONTEREY LAKE NO 1	TNU0093 ORN0163	STAMPS HOLLOW CK	R	JE WALKER SR	36 6,7 85 13,5	1,0	10,	26,	35,	1,E N	0, E ,06 N	0, ,2
COUNTY NAME: SCOTT					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE AT					
DEVILS JUMPS DAM	TNU0007 ORN0164	BIG SOUTH FORK	HR	CORPS	36 38,6 84 32,2	957,0	1756,	77,	464,	0,E N	0, E 43,32 N	0, 78,2
HELENWOOD DAM	TNU0011 ORN0165	BIG SOUTH FORK			36 26,4 84 38,6	705,0	1196,	77,	0,	0,U T	0, U 27,17 T	0, 58,5
COUNTY NAME: SEVIER					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
DOUGLAS LAKE	TNU0067 ORN0166	FRENCH BROAD RIV ER	CHNR	TVA	35 57,7 83 32,5	4541,0	6713,	144,	195,	1475,E N	115,00 E 79,77 N	522,8 150,3
COUNTY NAME: SMITH					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
CORDELL HULL	TNU0042 ORN0167	CUMBERLAND	HNCR	DAEN ORN	36 17,4 85 56,7	8095,0	13389,	61,	83,	311,E N	100,00 E 126,85 N	398,2 165,7
COUNTY NAME: SULLIVAN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
MORRILL SPRING	TNU0025 ORN0168	SOUTH FORK HOLST ON RIVER			36 28,0 82 14,2	786,0	1100,	94,	96,	80,U T	0, U 27,56 T	0, 85,5

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: SULLIVAN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
BOONE LAKE	TNU0062	SOUTH FORK HOLST	CHNR	TVA	36 26,4	1840.0	3049,	113,	153,	193,*E	75.00*E	258.8
	ORN0169	ON RIVER			82 26,3					*N	0. *N	0.
SOUTH HOLSTON LAKE	TNU0064	SOUTH FORK HOLST	CHNR	TVA	36 31,3	703.0	1199,	194,	262,	764,*E	35.00*E	208.8
	ORN0170	ON RIVER			82 5,3					*N	0. *N	0.
FORT PATRICK HENRY LAKE	TNU0098	SOUTH FORK HOLST	HR	TVA	36 29,9	1903.0	3153,	65,*	88,*	27,*E	36.00*E	156.4
	ORN0171	ON RIVER			82 30,5					*N	0. *N	0.
COUNTY NAME: TIPTON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LOCK AND DAM NO. 3	TNU0005	MISSISSIPPI RIVE			35 27,5	931000.0	473410,	30,*	30,*	0,*U	0. *U	0.
	LMM0021	R			90 0,					*T	2843.69*T	10283.
COUNTY NAME: VANBUREN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
FALL CREEK FALLS LAKE	TNU0052	FALL CR	R	FALLS CR FAL	35 39,7	7.0	16,*	46,*	62,*	7,*E	0. *E	0.
	ORN0172			LS ST. PK	85 21,6					*N	.14*N	.5
COUNTY NAME: WARREN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
GREAT FALLS LAKE	TNU0049	CANEY FORK	HR	TVA	35 48,4	1677.0	3323,*	59,*	80,*	51,*E	31.90*E	175.9
	ORN0173				85 37,9					*N	0. *N	0.
COUNTY NAME: WASHINGTON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
INDIAN BEND	TNU0029	WATAUGA RIVER			36 23,4	800.0	1220,*	65,*	1000,	0,*U	0. *U	0.
	ORN0174				82 19,0					*T	24.10*T	79.8
ERWIN	TNU0033	NOLICHUCKY RIVER			36 11,2	651.0	1390,*	170,*	150,*	366,*U	0. *U	0.
	ORN0175				82 31,7					*T	67.05*T	222.0

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **WAYNE**				FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT						
TNNONAME80	TNU0101	WEATHERFORD CK	R	STATE OF TEN	35 5.9	10.0	16.	38.	52.	1.	E 0.	E 0.
	ORN0176			NESSEE	87 52.5					N	.16	N .4
TNNONAME81	TNU0104	BEAR CK	R	STATE OF TEN	35 8.8	6.0	9.	35.	47.	1.	E 0.	E 0.
	ORN0177			NESSEE	87 52.6					N	.07	N .2
COUNTY NAME: **WHITE**				FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT						
WHEATS CURVE LAKE	TNU0046	CALFKILLER RIVER	R	ED KNOWLES	35 54.7	175.0	315.	18.	25.	0.	E 0.	E 0.
	ORN0178				85 28.6					N	1.16	N 3.2
COUNTY NAME: **WILLIAMSON**				FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT						
UDPTN90000	TNU0009	HARPETH RIVER			35 52.4	142.0	217.	77.	0.	0.	U 0.	U 0.
	ORN0179				86 46.6					T	3.18	T 9.1

LEGEND

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STATE OF VIRGINIA

PHYSICAL POTENTIAL FOR ADDITIONAL HYDROELECTRIC CAPACITY AND ENERGY DEVELOPMENT IN THE STATE OF VIRGINIA

POTENTIAL INCREMENTAL CAPACITY RANGES

HEAD IN FEET	CUMULATIVE TOTALS IN MW AND GWH	.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP
0-19	NUMBER	5	14	4	18	0	1	3	4	0	1	0	1	5	16	7	23
	CAPCTY	6.3	34.0	16.7	52.8	0.0	15.2	61.1	76.4	0.0	31.5	0.0	31.5	6.3	80.9	79.9	161
	ENERGY	32.3	120	65.6	186	0.0	31.1	154	185	0.0	77.3	0.0	77.3	32.3	229	219	448
20-49	NUMBER	5	44	24	68	0	4	2	6	0	4	12	16	5	52	38	90
	CAPCTY	21.6	32.1	65.0	97.1	0.0	81.3	36.2	118	0.0	148	528	675	21.6	261	629	890
	ENERGY	39.3	105	193	298	0.0	241	85.0	326	0.0	371	1296	1667	39.3	717	1574	2291
50-99	NUMBER	0	10	40	50	0	0	1	1	2	1	6	7	2	11	47	58
	CAPCTY	0.0	23.9	167	191	0.0	0.0	18.7	18.7	244	26.6	535	562	244	50.5	721	771
	ENERGY	0.0	84.7	533	618	0.0	0.0	45.4	45.4	462	86.4	1321	1407	462	171	1900	2071
>100	NUMBER	4	3	15	18	0	2	3	5	2	1	5	6	6	6	23	29
	CAPCTY	24.8	3.6	97.3	101	0.0	40.0	57.2	97.3	389	59.8	193	253	414	104	347	451
	ENERGY	57.0	7.8	302	309	0.0	77.0	134	211	70.1	166	421	587	127	251	857	1107
TOTAL	NUMBER	14	71	83	154	0	7	9	16	4	7	23	30	18	85	115	200
	CAPCTY	52.8	93.6	348	442	0.0	137	173	310	653	266	1256	1521	686	496	1777	2273
	ENERGY	129	318	1094	1412	0.0	349	419	768	532	701	3037	3738	661	1368	4550	5918

L E G E N D

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL
COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)
CAPCTY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **ALBERMARLE**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
HATTON	VA00044	JAMES RIVER	H		37 45.3	4503.0	5004.	21.	0.	0. U	0. U	0.
	NA00001				78 31.1					T	27.36 T	70.1
TOOTERS CREEK	VA00056	TOOTERS CREEK	H		37 44.8	27.0	29.	30.	51.	30. U	0. U	0.
	NA00002				78 31.0					T	.21 T	.5
ADVANCED MILLS	VA00061	RIVANNA RIVER	HC		38 10.7	109.0	117.	47.	65.	78. U	0. U	0.
	NA00003				78 26.4					T	1.31 T	3.4
RIO MILLS	VA00062	RIVANNA RIVER	H		38 6.0	263.0	281.	40.	0.	0. U	0. U	0.
	NA00004				78 28.3					T	2.32 T	6.6
BEAVER CREEK NO. 1	VA00301	BEAVER CREEK	CSR	ALBEMARLE COUNTY	38 4.2	10.0	14.	43.	58.	4. E	0. E	0.
	NA00005				78 39.1					N	.15 N	.4
SOUTH RIVANNA DAM	VA00302	SOUTH FORK RIVAN	S	CITY OF CHAR	38 6.0	263.0	281.	48.	65.	18. E	0. E	0.
	NA00006	NA RIVER		LOTTESVILLE	78 28.0					N	2.72 N	7.9
SUGAR HOLLOW DAM	VA00303	MOORMANS RIVER	SR	CITY OF CHAR	38 8.2	18.0	26.	49.	66.	11. E	0. E	0.
	NA00007			LOTTESVILLE	78 44.3					N	.40 N	.8
COUNTY NAME: **ALLEGHANEY**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
KING DAM	VA00033	JACKSON RIVER	H		37 46.8	812.0	958.	54.	0.	0. U	0. U	0.
	NA00009				79 55.7					T	8.97 T	29.4
GRIFFITH DAM	VA00034	COWPASTURE RIVER	CH		37 52.6	376.0	425.	140.	190.	545. U	0. U	0.
	NA00010				79 44.8					T	17.42 T	37.4
HAYS	VA00082	POTTS CREEK	H		37 44.5	163.0	188.	75.	118.	65. U	0. U	0.
	NA00011				80 1.8					T	2.99 T	8.0
STACKMINE	VA00084	DUNLAP CREEK	H		37 45.3	103.0	103.	85.	128.	56. U	0. U	0.
	NA00012				80 6.0					T	2.57 T	6.2

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **ALLEGHANEY**					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE AT				
CALLAGHAN	VA00085	OGLE CREEK	HC		37 48.4	44.0	44.	83.	115.	22.	U 0.	U 0.
	NA00013				80 3.9						T 1.14	T 2.2
OGLE	VA00086	OGLE CREEK	H		37 49.0	34.0	34.	78.	112.	16.	U 0.	U 0.
	NA00014				80 5.8						T .83	T 1.6
FALLING SPRINGS	VA00115	FALLING SPR CR	H	BANC	37 52.1	10.0	12.	535.	0.	0.	E .42	E 1.4
	NA00015				79 56.8						N .96	N 1.7
GATHRIGHT DAM	VA00501	JACKSON RIVER	RC	DAEN-NAO	37 57.3	344.0	180.	169.	228.	426.	E 0.	E 0.
	NA00016				79 57.3						N 23.81	N 47.0
COUNTY NAME: **AMELIA**					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE AT				
GENITO DAM	VA00037	APPOMATTOX RIVER	CH		37 27.5	716.0	712.	77.	104.	790.	U 0.	U 0.
	NA00017				77 52.2						T 13.30	T 32.2
COUNTY NAME: **AMHERST**					FERC POWER SUPPLY AREA 10			FERC REGIONAL OFFICE CODE AT				
KELLY	VA00045	JAMES RIVER	H		37 24.0	3425.0	3883.	11.	0.	0.	U 0.	U 0.
	NA00018				79 5.4						T 4.75	T 22.2
WALKER FORD	VA00046	JAMES RIVER	H		37 30.3	3607.0	4089.	23.	0.	0.	U 0.	U 0.
	NA00019				78 54.6						T 25.43	T 62.6
ALLENS CREEK	VA00047	JAMES RIVER	H		37 32.1	3649.0	4137.	13.	0.	0.	U 0.	U 0.
	NA00020				78 52.7						T 9.09	T 31.8
PEDLAR MILLS	VA00059	PEDLAR RIVER	HC		37 32.4	101.0	114.	60.	92.	34.	U 0.	U 0.
	NA00021				79 15.6						T 1.13	T 4.0
CLIFFORD	VA00060	BUFFALO RIVER	H		37 38.8	72.0	81.	41.	66.	26.	U 0.	U 0.
	NA00022				79 4.9						T .60	T 2.0

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **AMHERST**					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT					
TYE RIVER DEPOT	VA00067	TYE RIVER	H		37 39,8	177,0	294,*	79,*	114,*	73,*U	0,*U	0,
	NA00023				78 57,8					*T	3,60*T	13,5
CUSHAW DAM	VA00901	JAMES RIVER	H	VEPCO	37 35,5	3060,0	3333,*	27,*	25,*	2,*E	0,*E	0,
	NA00024				79 23,0					*N	25,68*N	60,1
BIG ISLAND	VA00902	JAMES RIVER	HN	BEDFORD PULP & PAPER CO,	37 32,2	3100,0	3376,*	15,*	14,*	1,*E	0,*E	0,
	NA00025				79 21,5					*N	8,45*N	29,4
REUSENS	VA00904	JAMES RIVER	H	APP POW	37 27,8	3264,0	3555,*	32,*	39,*	5,*E	12,50*E	,0
	NA00026				79 11,2					*N	19,96*N	75,9
COUNTY NAME: **APPOMATTOX**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
HOLIDAY DAM	VA01101	HOLIDAY CREEK	R	VA, DIVISION OF PARKS	37 24,0	14,0	13,*	20,*	23,*	2,*E	0,*E	0,
	NA00027				78 38,0					*N	,06*N	,1
COUNTY NAME: **AUGUSTA**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
STAUNTON	VA00002	S FORK SHENANDOA	ROS		38 11,0	325,0	275,*	71,*	92,*	143,*U	0,*U	0,
	NA80163	H			78 55,0					*T	3,68*T	11,4
COUNTY NAME: **BATH**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
MCCLUNG	VA00081	COWPASTURE RIVER	H		38 0,	218,0	246,*	93,*	120,*	56,*U	0,*U	0,
	NA00028				77 40,0					*T	4,44*T	12,8
WILLIAMSVILLE NO 1	VA00063	BULLPASTURE RIVE	HC		38 12,2	108,0	139,*	167,*	210,*	37,*U	0,*U	0,
	NA00029	R			79 34,5					*T	4,43*T	13,6
SHANKLIN	VA00087	JACKSON RIVER	H		38 0,	296,0	398,*	63,*	67,*	0,*U	0,*U	0,
	NA00030				79 54,1					*T	4,44*T	12,8

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

(07/10/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **BATH**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
DOUTHAT DAM	VA01701	WILSON CREEK	R	VA DIV OF PA	37 53.0	17.0	20.	36.	42.	1.*E	0. *E	0.
	NA00031			RKS	79 48.0					*N	.16*N	.4
COUNTY NAME: **BEDFORD**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
HOLCOMBS ROCK	VA00109	JAMES RIVER	H	OWENILL	37 30.6	3250.0	3550.	17.	0.	0. *E	1.88*E	9.0
	NA00032				79 15.9					*N	15.30*N	31.2
SNOWDEN	VA00120	JAMES RIVER	H	BEDFORD	37 34.6	3070.0	3344.	18.	0.	0. *E	1.30*E	7.0
	NA00033				79 22.5					*N	4.89*N	22.7
SMITH MOUNTAIN	VA01902	ROANOKE RIVER	HPC	APPALACHIAN	37 2.5	1020.0	1201.	195.	207.	1520. *E	300.20*E	70.0
	SA00092			POWER CO	79 32.2					*N	0. *N	0.
COUNTY NAME: **BLAND**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
UDP	VA00144	KIMBERLING CREEK	C		37 10.0	96.0	144.	260.	270.	0. *U	0. *U	0.
	ORH0060				80 54.0					*T	6.44*T	19.6
UDP	VA00151	LITTLE WALKER CR	H		37 6.0	46.0	69.	175.	190.	0. *U	0. *U	0.
	ORH0061	EEK			80 52.0					*T	2.47*T	9.2
COUNTY NAME: **BOTETOURT**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
EAGLE ROCK DAM	VA00038	JAMES RIVER	HC		37 38.5	1830.0	2123.	121.	164.	625. *U	0. *U	0.
	NA00034				79 48.3					*T	74.11*T	163.7
STONE HOUSE	VA00070	CATAWBA CREEK	HC		37 35.7	114.0	131.	44.	69.	75. *U	0. *U	0.
	NA00035				79 47.9					*T	1.43*T	3.4
ROCKY POINT	VA00072	JAMES RIVER	H		37 34.8	2140.0	2541.	20.	0.	0. *U	0. *U	0.
	NA00036				79 34.5					*T	8.31*T	27.9

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: BOTETOURT					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
LYLE	VA00112	JAMES RIVER	H		37 35.2	1980.0	2351.	44.	46.	6.*U	0. *U	0.
	NA00037				79 44.3					*T	29.21*T	65.5
HIPES	VA00122	CRAIG CREEK	CR		37 38.5	327.0	379.	125.	164.	305.*U	0. *U	0.
	NA00038				79 55.1					*T	13.74*T	29.1
COUNTY NAME: BRUNSWICK					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
WESTERN BRIDGE	VA00107	MEHERRIN RIVER	H		36 42.8	668.0	607.	28.	51.	26.*U	0. *U	0.
	NA00039				77 45.0					*T	3.29*T	8.9
COUNTY NAME: BUCHANAN					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
DISMAL CREEK RESERVOIR	VA00142	DISMAL CREEK	HC		37 27.0	74.0	111.	90.	178.	34.*U	0. *U	0.
	OH00062				81 56.0					*T	2.29*T	4.4
COUNTY NAME: BUCKINGHAM					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
SLATE RIVER NO 1	VA00036	SLATE RIVER	CH		37 42.8	237.0	229.	140.	190.	350.*U	0. *U	0.
	NA00040				78 21.6					*T	5.36*T	17.4
ARVONIA	VA00053	SLATE RIVER	H		37 42.2	231.0	229.	62.	80.	0.*U	0. *U	0.
	NA00041				78 23.4					*T	2.87*T	7.9
SLATE RIVER	VA00054	SLATE RIVER	HC		37 35.6	158.0	160.	52.	77.	120.*U	0. *U	0.
	NA00042				78 31.9					*T	1.90*T	4.7
ROCK HOUSE	VA00118	JAMES RIVER	H		37 44.4	4480.0	4977.	27.	0.	0.*U	0. *U	0.
	NA00043				78 38.3					*T	35.00*T	89.7
WILLIS RIVER NO. 2	VA02907	LITTLE WILLIS RIVER	C	FRANK JOHNS ESTATE	37 24.0	16.0	15.	27.	36.	3.*E	0. *E	0.
	NA00044				78 25.3					*N	.09*N	.2

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POTENTIAL HYDROPOWER SITES

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COUNTY NAME: CAMPBELL					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
JOSHUA FALLS	VA00117	JAMES RIVER	H		37 25.1	3420.0	3877.	37.	44.	9. U	0. U	0.
	NA00045				79 3.5					T	38.78 T	95.5
LITTLE FALLING R IVER NO-1	VA03101	LITTLE FALLING R IVER	C	G FOSTER REY NOLDS	37 12.5	14.0	14.	28.	38.	2. E	0. E	0.
	SAW0093				79 51.7					N	.12 N	.2
MELROSE	VA15720	ROANOKE RIVER	HC	DAEN SAW	37 0.	2389.0	2389.	106.	106.	0. E	0. E	0.
	SAW0094				79 3.3					N	59.81 N	165.9
TABER	VA15730	ROANOKE RIVER	HC	DAEN SAW	37 0.	2249.0	2160.	37.	53.	34. E	0. E	0.
	SAW0095				79 12.3					N	19.65 N	54.5
COUNTY NAME: CAROLINE					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
ROCK FALLS	VA00125	NORTH ANNA	H		36 53.8	436.0	382.	74.	74.	0. U	0. U	0.
	NA00046				77 29.6					T	4.74 T	14.8
DILLARDS MILL	VA00126	NORTH ANNA	HC		37 56.2	427.0	374.	50.	70.	0. U	0. U	0.
	NA00047				77 33.7					T	3.46 T	10.0
BYRDS MILL DAM	VA03319	BEVERLYS RUN	R	CAMP EASTER SEAL	37 58.2	17.0	17.	22.	30.	1. E	0. E	0.
	NA00048				77 8.5					N	.09 N	.2
COUNTY NAME: CARROLL					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
UDP	VA00146	BIG REED ISLAND CREEK	HC		36 54.0	260.0	369.	245.	270.	0. U	0. U	0.
	ORH0063				80 42.0					T	17.29 T	44.9
UDP	VA00149	LITTLE REED ISLA ND CREEK	CH		36 51.0	60.0	90.	205.	220.	0. U	0. U	0.
	ORH0064				80 47.0					T	3.78 T	14.0

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CHARLOTTE						FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE				
ROANOKE CREEK NO-72A	VA03702 SAW0096	TWITTYS CREEK	CS	SOUTHSIDE SW CD/DRAKE	36 59.0 78 33.0	15.0	15.	25.	34.	2.	0. E .09 N	0. E .2
ROANOKE CREEK NO-62	VA03708 SAW0097	HORSEPEN CREEK	C	PAUL BARTHOL OMEW	36 56.5 78 34.0	11.0	11.	27.	36.	2.	0. E .07 N	0. E .1
COUNTY NAME: CHESAPEAKE						FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT				
LAKE DRUMMOND	VA55001 NA00049	LAKE DRUMMOND	NSR	DAEN NAO	36 36.0 76 26.7	140.0	135.	5.	6.	22.	0. E .18 N	0. E .4
COUNTY NAME: CHESTERFIELD						FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT				
GEORGE F. BRASFIELD	VA04101 NA00050	APPOMATTOX RIVER	SR	APPOMAT RI WATER AUTH	37 13.0 77 32.0	1336.0	1310.	48.	57.	80.	0. E 19.17 N	0. E 40.1
SWIFT CREEK DAM	VA04104 NA00051	SWIFT CREEK	R	VA DIVISION OF PARKS	37 23.0 77 33.0	101.0	89.	23.	27.	2.	0. E .56 N	0. E 1.2
SWIFT CREEK RESERVOIR	VA04112 NA00052	SWIFT CREEK	S	CHESTERFIELD COUNTY	37 25.0 77 39.0	65.0	57.	35.	48.	26.	0. E .57 N	0. E 1.2
COUNTY NAME: CRAIG						FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT				
MEADOW CREEK	VAU0123 NA00053	MEADOW CREEK	H	LR BOT	37 29.1 80 7.5	14.0	16.	606.	0.	0.	.30 E 1.98 N	1.6 3.6
JOHNS CREEK NO.-2	VA04501 NA00054	LITTLE OREGON CR EEK	C	ELDRIDGE HUF FMAN	37 24.1 80 25.5	6.0	7.	32.	43.	1.	0. E .06 N	0. E .2
JOHNS CREEK NO.-1	VA04502 NA00055	JOHNS CREEK	C	EVELL & MCDA NIEL	37 24.1 80 25.5	18.0	22.	38.	52.	3.	0. E .24 N	0. E .5

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **CRAIG**					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT					
JOHNS CREEK NO. 4	VA04504 NA00056	DICKS CREEK	C LY	LLOYD CONNAL	37 26.3 80 22.5	6.0	7.	35.	48.	1. .	E N	0. .07	E N	0. .2
COUNTY NAME: **CULPEPER**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
HAZEL RIVER	VA00090 NA00057	HAZEL RIVER	HC		38 33.9 77 54.7	311.0	359.	104.	0.	600. .	U T	0. 6.28	U T	0. 22.1
RAPIDAN	VA00099 NA00058	RAPIDAN RIVER	H		38 18.6 76 4.0	445.0	487.	36.	0.	0. .	U T	0. 3.42	U T	0. 10.7
MOUNTAIN RUN NO. 50	VA04703 NA00059	MOUNTAIN RUN	CRS	TOWN OF CULPEPER	38 28.0 78 2.3	14.0	14.	21.	29.	4. .	E N	0. .07	E N	0. .2
COUNTY NAME: **CUMBERLAND**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
CA-IRA	VA00066 NA00061	WILLIS RIVER	HC		37 29.0 78 19.3	111.0	105.	45.	71.	102. .	U T	0. 1.27	U T	0. 2.9
COUNTY NAME: **DICKENSON**					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE NY					
FLANNAGAN	VA00733 ORH0065	POUND RIVER	CORS	DAEN ORH	37 14.0 82 20.7	221.0	273.	181.	236.	146. .	E N	0. 16.28	E N	0. 30.0
HAYST RESERVOIR	VA01000 ORH0066	RUSSEL FORK	C		37 16.0 82 27.0	155.0	178.	58.	147.	82. .	U T	0. 2.62	U T	0. 6.1
COUNTY NAME: **DINWIDDIE**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
ABUTMENT	VA00075 NA00062	APPOMATTOX RIVER	H		37 13.1 77 20.3	1350.0	1548.	64.	0.	0. .	U T	0. 32.87	U T	0. 65.5

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: FAIRFAX					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
BURKE LAKE	VA05902	SOUTH RUN	R	VA COMM GAME	38 45.3	10.0	10.	34.	40.	4.	E 0.	E 0.
	NAB0151			AND IN FISH	77 17.8						N .09	N .2
COUNTY NAME: FAUQUIER					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
FAUQUIER SPRINGS	VA00095	RAPPAHANNOCK RIV	HC		38 36.8	238.0	234.	89.	115.	214.	U 0.	U 0.
	NA00064	ER			77 51.7						T 3.96	T 12.7
COUNTY NAME: FLUVANNA					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT					
SHORES	VA00051	JAMES RIVER	HC		37 43.9	4741.0	5263.	14.	0.	0.	U 0.	U 0.
	NA00068				78 22.4						T 19.21	T 49.2
HARDWARE	VA00055	HARDWARE RIVER	HC		37 47.3	115.0	126.	39.	62.	41.	U 0.	U 0.
	NA00069				78 24.2						T .85	T 2.9
PALMYRA	VA00079	RIVANNA RIVER	H		37 54.9	641.0	686.	47.	62.	84.	U 0.	U 0.
	NA00070				78 17.9						T 5.20	T 17.9
BREMO BLUFF	VA00080	JAMES RIVER	H		37 42.6	5010.0	5634.	20.	21.	8.	U 0.	U 0.
	NA00071				78 18.1						T 28.44	T 72.2
MONTICELLO DAM	VA06501	BOSTON CREEK	R	MONTICELLO D	37 55.2	9.0	9.	58.	70.	10.	E 0.	E 0.
	NA00072			EVELOP. CORP	78 18.0						N .16	N .3
COUNTY NAME: FREDERICK					FERC POWER SUPPLY AREA 7		FERC REGIONAL OFFICE CODE NY					
WINCHESTER	VA00004	OPEQUON CREEK	ROS		39 10.0	121.0	77.	55.	75.	77.	U 0.	U 0.
	NAB0164				78 7.0						T 1.51	T 2.9

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: GILES					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
PEARLSBURG LAKE	VA00143	WALKER LAKE	CRO		37 27.0	303.0	321.	198.	216.	275. U	0. U	0.
	ORH0067				80 45.0					T	22.57 T	52.1
UDP	VA00150	WALKER CREEK	CH		37 17.0	303.0	293.	260.	270.	0. U	0. U	0.
	ORH0068				80 42.0					T	29.64 T	68.4
UDP	VA00152	WOLF CREEK	HC		37 15.0	190.0	251.	295.	310.	0. U	0. U	0.
	ORH0069				80 20.1					T	14.13 T	45.2
COUNTY NAME: GOOCHLAND					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
DOGTOWN DAM	VA00064	LICKINGHOLE CREE	HC		37 42.0	70.0	67.	40.	59.	35. U	0. U	0.
	NA00073	K			77 57.6					T	.77 T	1.7
ELK HILL	VA00065	BYRD CREEK	HC		37 44.6	111.0	112.	31.	45.	56. U	0. U	0.
	NA00074				78 6.2					T	.87 T	2.0
PEMBERTON	VA00121	JAMES RIVER	HC		37 40.2	6240.0	7017.	88.	0.	3130. U	0. U	0.
	NA00075				78 6.1					T	155.84 T	395.8
COUNTY NAME: GREENE					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
ROCK HILL	VA00092	RAPIDAN RIVER	H		38 16.8	113.0	144.	98.	112.	105. U	0. U	0.
	NA00076				78 20.4					T	3.02 T	9.2
COUNTY NAME: GREENSVILLE					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
RADIUM	VA00103	MEHERRIN RIVER	CRH		36 42.5	738.0	656.	57.	75.	260. U	0. U	0.
	NA00077				77 37.5					T	5.94 T	19.6
EMPORIA DAM	VA00101	MEHERRIN RIVER	SH	CITY OF EMPO	36 41.8	743.0	661.	37.	50.	10. E	0. E	0.
	NA00078			RIA	77 33.5					N	4.25 N	13.1

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

(07/10/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: HALIFAX						FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE				
HALIFAX DAM	VA08301	BANISTER RIVER	S	TOWN OF HALI	36 47.0	508.0	508.	23.	31.	6.	E 0.	E 0.
	SAW0098			FAX, VA	78 55.5						N 1.83	N 6.3
JOHN H KERR	VA11701	ROANOKE RIVER	HCR	DAEN-SAW	36 35.9	7800.0	7749.	90.	138.	3294.	E 204.00	E 420.0
	SAW0100				78 18.1						N 0.	N 0.
COUNTY NAME: HANOVER						FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT				
GOODALL	VAU0124	SOUTH ANNA	CH		37 48.2	384.0	353.	75.	90.	74.	U 0.	U 0.
	NAD0080				77 34.6						T 4.89	T 14.7
BLUNTS BRIDGE	VAU0127	SOUTH ANNA	H		37 48.2	406.0	373.	35.	0.	0.	U 0.	U 0.
	NAD0081				77 30.5						T 2.89	T 7.6
COUNTY NAME: HENRICO						FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT				
RICHMOND	VAU0076	JAMES RIVER	H		37 33.6	6780.0	7787.	72.	0.	0.	U 0.	U 0.
	NAD0083				77 34.6						T 125.28	T 306.7
BOSHER	VA08701	JAMES RIVER	SH	C+O RAILWAY	37 33.6	6750.0	7454.	30.	10.	111.	E 0.	E 0.
	NAD0084			CO	77 34.6						N 51.97	N 127.2
COUNTY NAME: HENRY						FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT				
PHILPOTT	VA08901	SMITH RIVER	HCR	DAEN-SAW	36 46.8	212.0	286.	152.	218.	322.	E 14.00	E 24.0
	SAW0101				80 1.7						N 0.	N 0.
LEATHERWOOD CREEK	VA06902	LEATHERWOOD CREE	C	COLEMAN LAWR	36 44.0	12.0	12.	35.	48.	2.	E 0.	E 0.
	SAW0102	K		ENCE	79 43.3						N .08	N .2
MARROWBONE CREEK NO-1	VA08906	MARROWBONE CREEK	C	WILLIAM CLAN	36 34.4	11.0	11.	30.	41.	2.	E 0.	E 0.
	SAW0103			TON	79 54.0						N .07	N .3

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: HENRY					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT					
MARTINSVILLE	VA15550	SMITH RIVER	H	CITY OF MART	36 36,0	374,0	444,*	32,*	32,*	0,*E	0, *E	0,
	SAWG104			INSVILLE	79 53,0					*N	2,06*N	9,0
COUNTY NAME: LOUDOUN					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
GOOSE CR DAM	VA10703	GOOSE CREEK	S	CITY OF FAIR	39 2,9	358,0	300,*	28,*	38,*	3,*E	0, *E	0,
	NAB0152			FAX	77 31,6							
PRECISION DYNAMI C NO 1	VA10710	NORTH FORK GOOSE	R	PRECISION DY	39 7,2	10,0	10,*	35,*	48,*	3,*E	0, *E	0,
	NAB0153	CR		NAMICS	77 45,4					*N	,09*N	,2
COUNTY NAME: LOUISA					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
LOUISA DAM	VA10903	HICKORY CREEK	R	BLUE RIDGE S	38 7,0	16,0	14,*	21,*	25,*	3,*E	0, *E	0,
	NA00085			HORES,INC	78 ,7					*N	,08*N	,2
GORDONSVILLE DAM	VA10923	SOUTH FORK SOUTH	SC	TOWN OF GORD	38 5,2	15,0	15,*	24,*	33,*	2,*E	0, *E	0,
	NA00086	ANNA RIVER		ONSVILLE	78 12,0					*N	,11*N	,2
COUNTY NAME: LUNENBERG					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
MEREDITH	VA00106	HEHERRIN	HC		36 47,0	470,0	406,*	27,*	53,*	23,*U	0, *U	0,
	NA00089				78 2,6					*T	2,51*T	6,3
COUNTY NAME: LYNCHBURG					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT					
LYNCHBURG WATER WORKS DAM	VA68001	JAMES RIVER	H	APPALACHIAN	37 25,5	3320,0	3616,*	11,*	20,*	2,*E	0, *E	0,
	NA00090			POWER CO	79 8,5					*N	4,42*N	20,3

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: MADISON					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
LOCUST DALE	VA00091	ROBERTSON RIVER	H		38 22.4	142.0	169.	51.	75.	9.U	0. U	0.
	NA00091				78 8.5					T	2.01T	5.6
COUNTY NAME: MECKLENBURG					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE					
GORDANS DAM	VA11704	MILES CREEK	R	VA GAME COMM	36 41.5	20.0	20.	15.	20.	2.E	0. E	0.
	SA00107			ISSION	78 13.0					N	.05N	.2
COUNTY NAME: MONTGOMERY					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
UDP	VA00145	LITTLE RIVER	CH		37 .6	198.0	238.	128.	145.	0.U	0. U	0.
	ORH0070				80 24.0					T	6.39T	20.4
COUNTY NAME: NANSEMOND					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
COHOON DAM	VA12301	NANSEMOND RIVER	S	CITY OF PORT	36 45.3	30.0	31.	16.	25.	5.E	0. E	0.
	NA00092			SMOUTH	76 37.8					N	.18N	.3
BURNT MILLS DAM	VA12303	WESTERN BRANCH N	S	CITY OF NORF	36 50.4	25.0	27.	16.	32.	10.E	0. E	0.
	NA00093	ANSEMOND RIVE		OLK	76 37.9					N	.15N	.3
COUNTY NAME: NELSON					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
BUFFALO NO 3	VA00039	TYE RIVER	CH		37 38.8	406.0	674.	140.	190.	350.U	0. U	0.
	NA00130				78 49.4					T	14.46T	33.2
HOWARDSVILLE	VA00052	ROCKFISH RIVER	H		37 43.7	244.0	265.	51.	70.	0.U	0. U	0.
	NA00131				78 39.4					T	2.10T	7.7
ROCKFISH	VA00068	ROCKFISH RIVER	HC		37 48.4	144.0	213.	87.	125.	118.U	0. U	0.
	NA00132				78 45.8					T	3.59T	11.1

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: NELSON						FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT				
SCHUYLER NO 1 2	*VA00111	ROCKFISH RIVER	*H	*GA MARB	* 37 47,2	196.0*	290,*	30,*	0,*	0,*E	,78*E	1.4
	NA00134				* 78 42,0					*N	1.08*N	3.9
COUNTY NAME: NEW KENT						FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT				
DIASCUND DAM	*VA12703	DIASCUND CREEK	*SR	*CITY OF NEWP*	37 26,1	45.0*	46,*	19,*	25,*	11,*E	0, *E	0,
	NA00094			*ORT NEWS	* 76 52,7					*N	,24*N	,6
COUNTY NAME: NOTTOWAY						FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT				
NOTTOWAY RIVER D AM	*VA13501	NOTTOWAY RIVER	*S	*DOD USA	* 36 59,3	312.0*	302,*	12,*	16,*	3,*E	0, *E	0,
	NA00095				* 77 57,9					*N	,56*N	1.9
COUNTY NAME: ORANGE						FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT				
MADISON MILLS	*VA00101	RAPIDAN RIVER	*H	*	* 38 16,6	233.0*	255,*	55,*	0,*	0,*U	0, *U	0,
	NA00098				* 78 8,6					*T	2,77*T	8,6
LAKE OF THE WOOD S DAM	*VA13701	FLAT RUN	*R	*LAKE OF THE	* 38 21,2	7.0*	8,*	42,*	57,*	20,*E	0, *E	0,
	NA00099			*WOODS,INC,	* 77 45,2					*N	,08*N	,1
COUNTY NAME: PAGE						FERC POWER SUPPLY AREA 7		FERC REGIONAL OFFICE CODE NY				
SHENANDOAH	*VA13903	S FK SHENANDOAH	*H	*POTOMAC EDIS*	38 28,8	1250.0*	1200,*	14,*	16,*	0,*E	,86*E	4.8
	NA80154			*ON CO OF VA *	78 37,6					*N	2.22*N	4.6
NEWPORT	*VA13904	S FK SHENANDOAH	*H	*POTOMAC EDIS*	38 34,1	1300.0*	1250,*	30,*	35,*	0,*E	1.40*E	7.8
	NA80155			*ON CO OF VA *	78 35,6					*N	3.26*N	12.7
LURAY	*VA13905	S FK SHENANDOAH	*H	*POTOMAC EDIS*	38 40,7	1377.0*	1300,*	16,*	19,*	0,*E	1.60*E	7.4
	NA80156			*ON CO OF VA *	78 30,0					*N	2.20*N	5.6

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PUR (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **PITTSYLVANIA**					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE 15					
CHERRYSTONE NO=1	VA14302	CHERRYSTONE CREE	CS		36 51.0	15.0	15.	32.	43.	5.*E	0. *E	0.
	SAW0111	K			79 26.0					*N	.09*N	.3
RIVERSIDE	VA14307	DAN RIVER	H	DAN RIVER MI	36 35.4	2049.0	2049.	20.	21.	0.*E	0. *E	0.
	SAW0112			LLS	79 23.8					*N	5.97*N	27.1
SCHOOLFIELD	VA14308	DAN RIVER	O	DAN RIVER MI	39 25.8	1904.0	2138.	21.	28.	5.*E	4.55*E	17.1
	SAW0113			LLS INC	76 34.7					*N	22.60*N	70.2
SCHOOLFIELD	VA15510	DAN RIVER	HC	DAEN SAW	36 32.0	1890.0	2072.	64.	86.	145.*E	0. *E	0.
	SAW0114				79 30.3					*N	26.68*N	86.4
COUNTY NAME: **POWHATAN**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
BOSCOBEL	VAU0042	JAMES RIVER	H		37 36.2	6610.0	7300.	13.	0.	0.*U	0. *U	0.
	NA00100				77 44.7					*T	22.05*T	54.0
BENLOMOND	VAU0043	JAMES RIVER	H		37 38.9	6387.0	7182.	11.	0.	0.*U	0. *U	0.
	NA00101				77 57.0					*T	19.94*T	50.6
ROCK CASTLE	VAU0063	DEEP CREEK	H		37 37.2	78.0	69.	36.	58.	76.*U	0. *U	0.
	NA00102				77 57.9					*T	.62*T	1.5
COUNTY NAME: **PRINCE EDWARD**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
BUFFALO CREEK NO.=4	VA14703	SPRING CREEK	C	GEORGE SHORT ER	37 12.9	15.0	14.	30.	40.	3.*E	0. *E	0.
	NA00104				78 37.0					*N	.10*N	.3
COUNTY NAME: **PRINCE WILLIAM**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
BROAD RUN DAM	VA15302	BROAD RUN	S	MANASSAS	38 45.8	60.0	60.	44.	60.	25.*E	0. *E	0.
	NA00157				77 37.3					*N	.70*N	1.6

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P R E L I M I N A R Y E S T I M A T E S

(07/10/79)

P O T E N T I A L H Y D R O P O W E R S I T E S

I N T H E S T A T E O F V I R G I N I A

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **PRINCE WILLIAM**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
OCCOQUAN MAIN DAM	VA15304	OCCOQUAN RIVER	S	FAIRFAX WATER AUTHORITY	38 41,7	594,0	594,	67,	90,	178,E	0, E	0,
	NA80158				77 16,6					N	6,06 N	19,4
LAKE JACKSON DAM	VA15306	OCCOQUAN RIVER	RH	PRINCE WILLIAM CO	38 42,3	343,0	340,	22,	30,	5,E	0, E	0,
	NA80159				77 26,8					N	1,63 N	5,3
COUNTY NAME: **RICHMOND**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
PARK 51	VA00119	JAMES RIVER	O	RETIRED	37 32,0	6840,0	7463,	46,	0,	0,U	0, U	0,
	NA00107				77 27,3					T	80,75 T	197,7
BYRD PARK 5/	VA76001	KANAWHA CANAL	H	CITY OF RICHMOND	37 32,4	6840,0	7554,	20,	14,	0,E	0, E	0,
	NA00108				77 29,5					N	35,11 N	86,0
HOLLYWOOD 5/	VA76003	TR-JAMES RIVER	H	CITY OF RICHMOND	37 32,0	6840,0	7554,	18,	16,	0,E	0, E	0,
	NA00109				77 27,5					N	31,60 N	77,4
COUNTY NAME: **ROANOKE**					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE					
CARVINS COVE DAM	VA02301	CARVINS CREEK	S	CITY OF ROANOKE	37 28,0	18,0	18,	62,	75,	20,E	0, E	0,
	SA00115				79 57,5					N	,27 N	,7
NIAGARA	VA16101	ROANOKE RIVER	HR	APP POWER	37 12,0	512,0	499,	44,	52,	2,E	2,40 E	13,0
	SA00116				79 52,5					N	0, N	0,
COUNTY NAME: **ROCKBRIDGE**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
WHITE SAL	VA00057	CALFPASTURE RIVER	H		38 0,	138,0	151,	34,	62,	17,U	0, U	0,
	NA00113	R			79 29,3					T	1,36 T	2,9
ROCK BRIDGE BATHS	VA00058	HAYS CREEK	H		37 54,2	62,0	91,	54,	84,	15,U	0, U	0,
	NA00114				79 23,7					T	1,43 T	2,9

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **ROCKBRIDGE**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
MURAT	VA00069	BUFFALO CREEK	HC		37 45,0	80,0	80,*	81,*	117,*	13,*U	0, *U	0,
	NA00115				79 32,8					*T	1,64*T	3,8
VARNEY FALLS	VA00073	JAMES RIVER	H		37 35,3	2150,0	2553,*	27,*	18,*	4,*U	0, *U	0,
	NA00116				79 34,5					*T	19,46*T	43,7
MAURY	VA00114	MAURY RIVER	HC		37 56,6	322,0	356,*	263,*	298,*	347,*U	0, *U	0,
	NA00119				79 27,5					*T	30,15*T	58,0
GOSHEN DAM	VA16301	LITTLE CALF PAST	R	BOY SCOUTS O	37 58,5	83,0	92,*	26,*	33,*	5,*E	0, *E	0,
	NA00120	URE RIVER		F AMERICA	79 27,1					*N	,77*N	1,5
BALCONY FALLS 5/	VA16302	JAMES RIVER	H	RETIRED	37 37,0	2930,0	3192,*	15,*	18,*	0,*E	0, *E	0,
	NA00121				79 26,5					*N	8,02*N	28,2
COUNTY NAME: **ROCKINGHAM**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
BROCKS GAP	VA00003	N FORK SHENANDOA	RD		38 38,0	214,0	185,*	87,*	118,*	187,*U	0, *U	0,
	NA80165	H			78 55,0					*T	3,46*T	7,9
STUART	VA15540	SMITH RIVER	HCR	DAEN SAW	36 32,0	534,0	603,*	87,*	118,*	140,*E	0, *E	0,
	SA00117				79 46,0					*N	7,09*N	32,7
COUNTY NAME: **RUSSELL**					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT					
NASH FORD	VA00026	CLINCH RIVER			36 57,7	486,0	647,*	177,*	195,*	133,*U	0, *U	0,
	OR00180				82 6,6					*T	33,75*T	74,8
LAKE BONAVENTURE	VA00137	CHANEY CK	RS		36 56,8	8,0	16,*	22,*	30,*	1,*E	0, *E	0,
	OR00181				82 11,8					*N	,07*N	,2
LAUREL BED LAKE	VA00138	LAUREL BED CK	R	VA GAME & IN	36 57,3	4,0	8,*	30,*	40,*	6,*E	0, *E	0,
	OR00182			LAND FISHERY	81 48,8					*N	,05*N	,2

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: SCOTT					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT					
ROBERTS CREEK	VA00022	NORTH FORK HOLST			36 38,9	547,0	710,*	69,*	75,*	52,*U	0, *U	0,
	ORN0183	ON RIVER			82 26,0					*T	5,05*T	23,3
OPOSSUM CREEK	VA00024	NORTH FORK HOLST			36 35,7	678,0	870,*	72,*	80,*	55,*U	0, *U	0,
	ORN0184	ON RIVER			82 35,9					*T	13,80*T	53,4
COPPER CREEK	VA00027	COPPER CREEK			36 39,6	130,0	170,*	86,*	94,*	20,*U	0, *U	0,
	ORN0185				82 42,2					*T	2,91*T	11,6
COUNTY NAME: SPOTSYLVANIA					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT					
NI RIVER PROJECT	VA17701	NI RIVER	SC	SPOTSYLVANIA	38 14,7	25,0	25,*	29,*	38,*	6,*E	0, *E	0,
	NA00122			COUNTY	77 35,8					*N	,21*N	,4
NORTH ANNA DAM	VA17702	NORTH ANNA RIVER	SCR	VEPCO	38 1,0	343,0	300,*	67,*	90,*	373,*E	0, *E	0,
	NA00123				77 42,5					*N	3,69*N	10,7
MOTTS RUN DAM	VA17704	MOTTS RUN	SR	CITY OF FRED	38 18,7	10,0	10,*	57,*	76,*	1,*E	0, *E	0,
	NA00124			RICKSBURG	77 33,0					*N	,16*N	,3
COUNTY NAME: STAFFORD					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT					
SALEM CHURCH	VA00094	RAPPAHANNOCK RIV	HSRC		38 18,8	1598,0	1643,*	174,*	193,*	1048,*E	89,00*E	,1
	NA00126	ER			77 31,6					*N	0, *N	0,
LUNGA DAM	VA17901	BEAVER DAM RUN	SP	DOD USMC	38 31,3	10,0	10,*	40,*	54,*	19,*E	0, *E	0,
	NA80160				77 27,8					*N	,10*N	,3
POTOMAC CREEK NO 1	VA17902	POTOMAC CREEK	CS	STAFFORD COU	38 23,5	30,0	32,*	47,*	64,*	5,*E	0, *E	0,
	NA80161			NTY	77 28,5					*N	,36*N	,9
EMBREY	VA17905	RAPPAHANNOCK RIV	S	CITY OF FRED	37 19,4	1604,0	1650,*	50,*	22,*	0,*E	0, *E	0,
	NA00128	ER		ERICKSBURG	77 29,4					*N	5,21*N	17,5

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PRELIMINARY ESTIMATES

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POTENTIAL HYDROPOWER SITES

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COUNTY NAME: **SMYTH**					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT					
RIVERSIDE	VA00023	NORTH FORK HOLST			36 56,1	129,0	170,*	110,*	120,*	0,*U	0, *U	0,
	ORN0186	ON RIVER			81 38,7					*T	3,75*T	10,9
BROADFORD	VA00029	LAUREL CREEK			36 55,9	61,0	80,*	240,*	260,*	0,*U	0, *U	0,
	ORN0187				81 40,6					*T	3,74*T	15,2
HUNGRY MOTHER LAKE	VA00136	HUNGRY MOTHER CK	R	VA STATE PAR K COMMISSION	36 52,3	13,0	26,*	27,*	37,*	2,*E	0, *E	0,
	ORN0188				81 31,4					*N	,15*N	,5
COUNTY NAME: **WARREN**					FERC POWER SUPPLY AREA 7		FERC REGIONAL OFFICE CODE NY					
WARREN	VA18708	SHENANDOAH	H	POTOMAC EDIS ON OF VA	38 57,3	1600,0	1600,*	11,*	13,*	0,*E	,75*E	4,2
	NAB0162				78 8,9					*N	2,41*N	5,9
COUNTY NAME: **WASHINGTON**					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT					
STRAIGHT CREEK	VA00020	WHITETOP LAUREL			36 38,3	51,0	98,*	350,*	200,*	18,*U	0, *U	0,
	ORN0189	CREEK			81 44,8					*T	4,41*T	18,3
RUSSELL BRANCH	VA00021	MIDDLE FORK HOLS			36 41,8	224,0	240,*	115,*	130,*	90,*U	0, *U	0,
	ORN0190	TON RIVER			81 51,3					*T	3,82*T	16,5
OAK HILL	VA00025	SOUTH FORK HOLST			36 39,9	134,0	190,*	123,*	140,*	60,*U	0, *U	0,
	ORN0191	ON RIVER			81 48,3					*T	4,12*T	17,0
BUFFALO FORD	VA00028	NORTH FORK HOLST			36 44,9	436,0	570,*	147,*	175,*	378,*U	0, *U	0,
	ORN0192	ON RIVER			82 11,1					*T	25,15*T	55,7
ALVARADO	VA00030	SOUTH FORK HOLST			36 39,0	560,0	860,*	71,*	95,*	32,*U	0, *U	0,
	ORN0193	ON RIVER			81 55,1					*T	5,32*T	24,6
BEAVER CK IMPOUNDMENT	VA00131	BEAVER CK	C	TVA	36 38,5	14,0	28,*	55,*	75,*	5,*E	0, *E	0,
	ORN0194				82 6,7					*N	,36*N	1,0

LEGEND

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID, BOTTOM LINE DEFINES (U,S,A,C,E,) OFFICE AND SITE ID.
(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: WASHINGTON						FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT				
CLEAR CREEK LAKE	VAU0132	CLEAR CREEK	CR	TVA	36 39.8	6.0	12.	33.	44.	3.*E	0. *E	0.
	ORN0195				82 7.2					*N	.09*N	.3
COUNTY NAME: WISE						FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT				
NORTH FORK OF PO	VAU0130	NORTH FORK OF PO	CRO	DAEN ORH	37 7.5	17.0	25.	83.	112.	11.*E	0. *E	0.
UND LAKE	ORN0196	UND LAKE			82 37.9					*N	.51*N	1.4
NORTH FORK OF PO	VAU0153	NORTH FORK OF PO	CROS	DAEN ORH	37 6.0	17.0	29.	59.	94.	11.*E	0. *E	0.
UND	ORH0071	UND			82 37.6					*N	.41*N	.7
COUNTY NAME: WYTHE						FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY				
UDP	VAU0146	REED CREEK	CH		36 55.0	120.0	129.	70.	90.	0.*U	0. *U	0.
	ORH0072				81 7.0					*T	2.24*T	5.9
UDP	VAU0147	REED CREEK	CH		36 56.0	258.0	277.	85.	110.	0.*U	0. *U	0.
	ORH0073				80 51.0					*T	4.53*T	14.5
COUNTY NAME: YORK						FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT				
WALLER MILL DAM	VA19903	QUEENS CREEK	S	CITY OF WILL	37 18.2	7.0	7.	30.	40.	6.*E	0. *E	0.
	NA00129			IAMSBURG	76 42.2					*N	.06*N	.1

LEGEND

(1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
(2) = PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
(3) = E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) = U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

APPENDIX II

U.S. ARMY CORPS OF ENGINEERS

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

DESCRIPTION OF TERMS

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

DESCRIPTION OF TERMS

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 for which a generating unit, generating station, or other electricl apparatus is rated either by the user or manufacturers' nameplate rating. Capacity is sometimes used synonymously with capability.

CONVENTIONAL HYDROELECTRIC POWER PLANT: An electric power plant utilizing falling water from stream flow 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., kilowatt-hours.

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 generation.

FLOW DURATION CURVE: A plot of stream flows 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.

HEIGHT OF DAM: Distance from streambed at dam centerline to the top of the dam with respect to maximum storage capacity.

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 nameplates 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.

MEGAWATT-HOURS (MW): 1,000,000 watt-hours or 1,000 KWH.

NAMEPLATE 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 POWER PLANT: 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.

PLANT FACTOR: The ratio of the average load on the plant for the period of time considered to the aggregrate 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 stream flow and net power head.

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

PUMPED STORAGE POWER PLANT: 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 POWER PLANT: 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 structure 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.

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

APPENDIX III

U.S. ARMY CORPS OF ENGINEERS

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

DIVISION AND DISTRICT REPRESENTATIVES

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Missouri River
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Pacific Ocean
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U.S. Army Engineer Division
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U.S. Army Engineer Division
Southwestern
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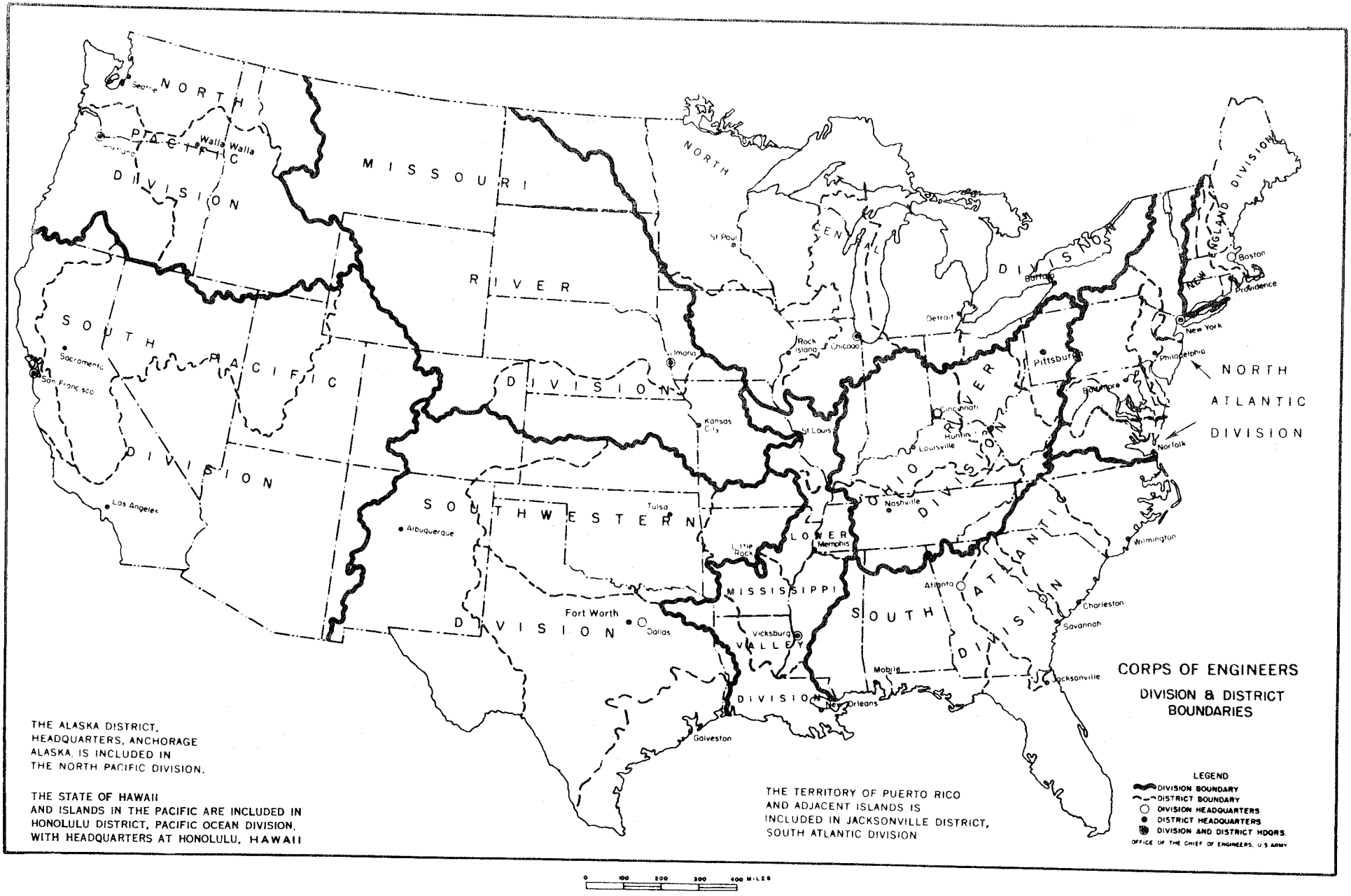
Main Tower Building
1200 Main Street
Dallas, Texas 75202
214-767-2310


NORTH PACIFIC DIVISION
MISSOURI RIVER DIVISION
NORTH CENTRAL DIVISION
NEW ENGLAND DIVISION
SOUTH PACIFIC DIVISION
SOUTHWESTERN DIVISION
LOWER MISSISSIPPI VALLEY DIVISION
OHIO RIVER DIVISION
NORTH ATLANTIC DIVISION
SOUTH ATLANTIC DIVISION
Seattle
Walla Walla
St Paul
Omaha
Rock Island
Chicago
Detroit
Buffalo
Boston
Providence
New York
Philadelphia
Pittsburg
Norfolk
Wilmington
Sacramento
San Francisco
Los Angeles
Albuquerque
Tulsa
Kansas City
St Louis
Cincinnati
Louisville
Nashville
Memphis
Little Rock
Fort Worth
Dallas
Vicksburg
Atlanta
Charleston
Savannah
Jacksonville
Mobile
New Orleans
Galveston
CORPS OF ENGINEERS
DIVISION & DISTRICT BOUNDARIES
LEGEND
DIVISION BOUNDARY
DISTRICT BOUNDARY
DIVISION HEADQUARTERS
DISTRICT HEADQUARTERS
DIVISION AND DISTRICT HDQRS.
OFFICE OF THE CHIEF OF ENGINEERS, U.S. ARMY
THE ALASKA DISTRICT, HEADQUARTERS, ANCHORAGE ALASKA, IS INCLUDED IN THE NORTH PACIFIC DIVISION.
THE STATE OF HAWAII AND ISLANDS IN THE PACIFIC ARE INCLUDED IN HONOLULU DISTRICT, PACIFIC OCEAN DIVISION, WITH HEADQUARTERS AT HONOLULU, HAWAII
THE TERRITORY OF PUERTO RICO AND ADJACENT ISLANDS IS INCLUDED IN JACKSONVILLE DISTRICT, SOUTH ATLANTIC DIVISION
0 100 200 300 400 MILES

DISTRICT REPRESENTATIVES

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