US Army Corps of Engineers
Hydrologic Engineering Center

National Hydroelectric Power Resources Study

Preliminary Inventory of Hydropower Resources

Volume 4: Lake Central Region

July 1979

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14. ABSTRACT
This is Volume 4 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
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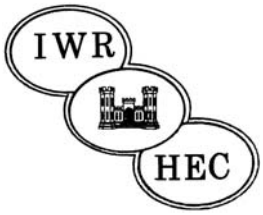

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ACKNOWLEDGEMENTS

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.

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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

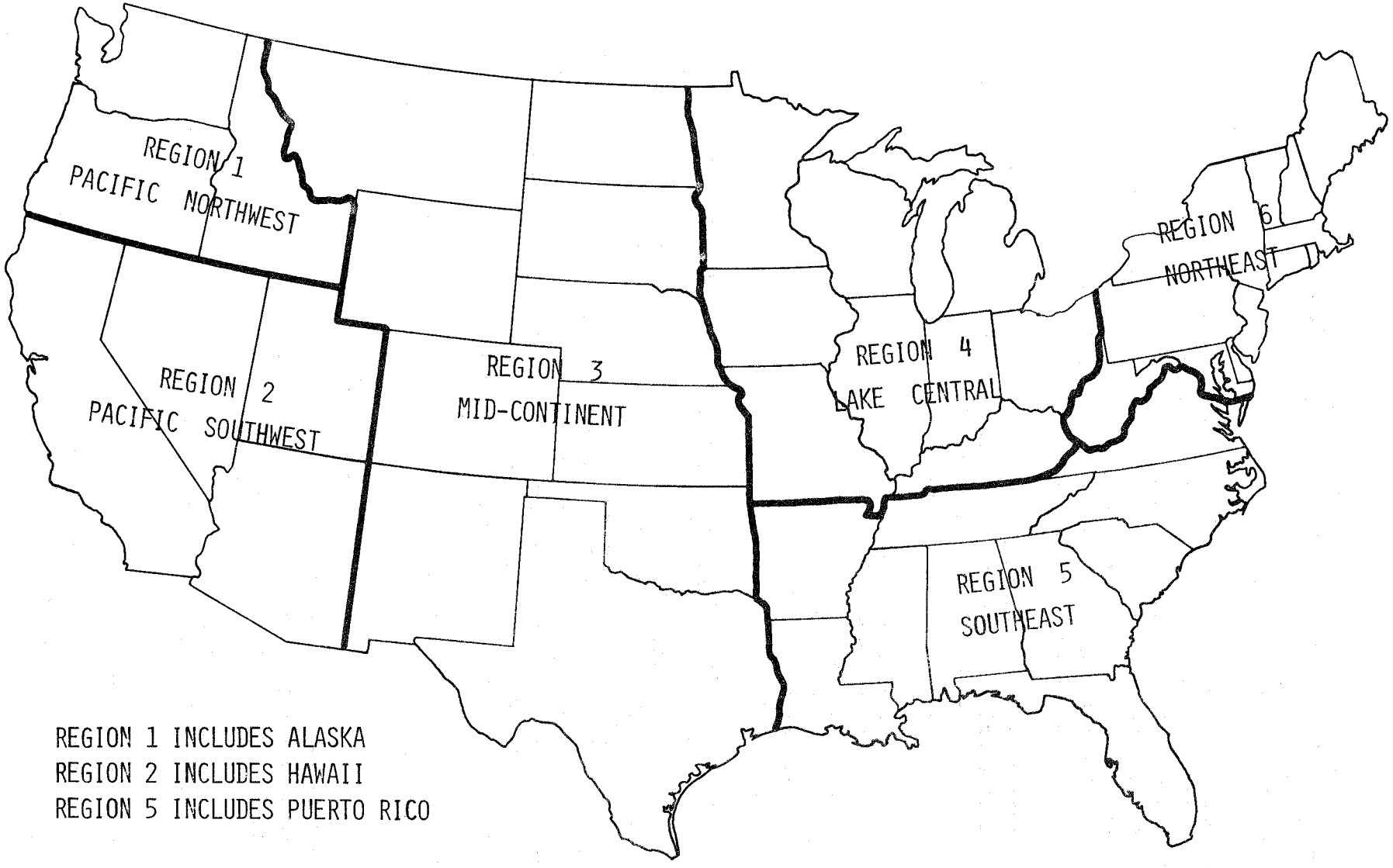

FIGURE 1: REGIONS AS DEFINED FOR THE PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

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).

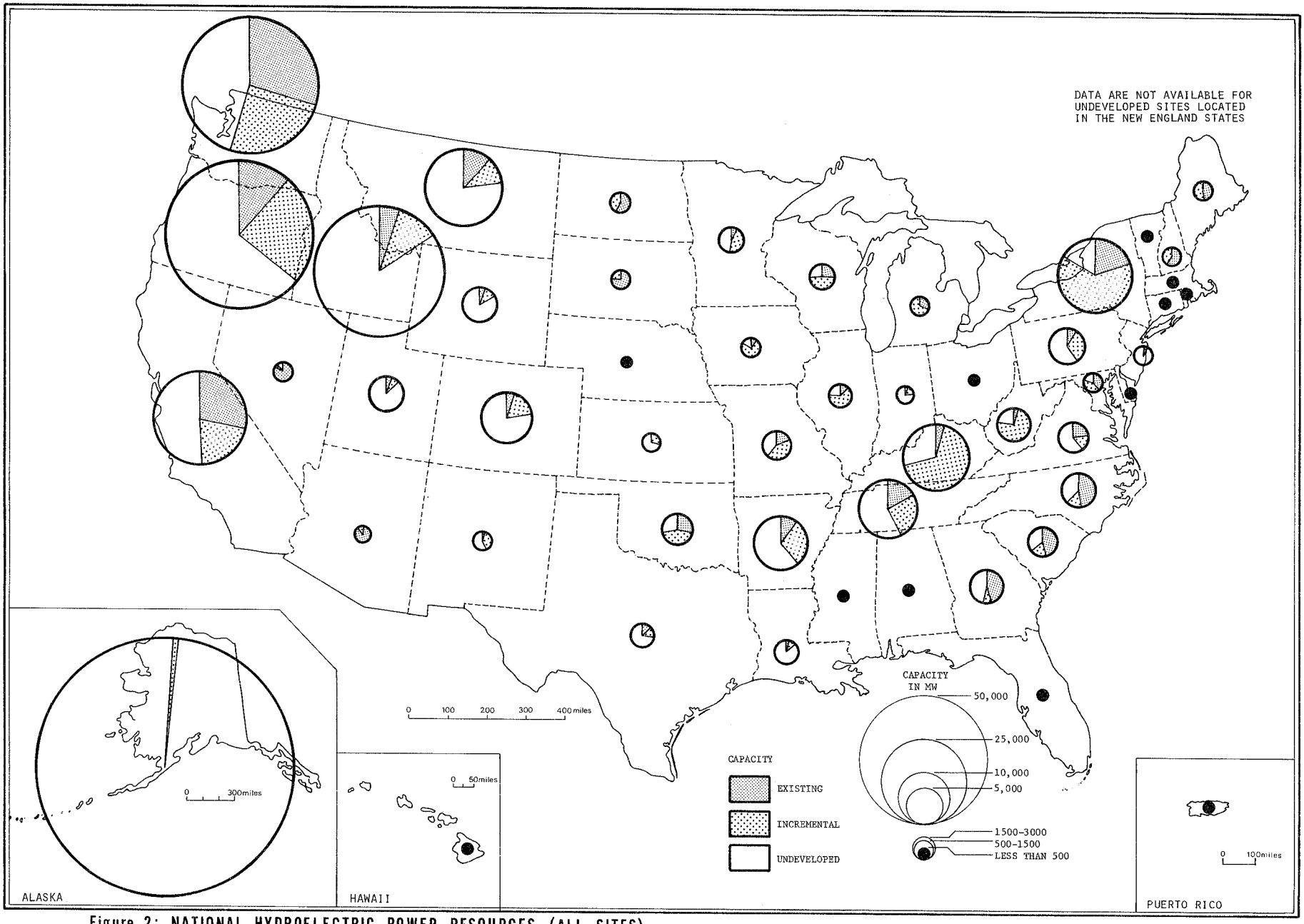

Figure 2: NATIONAL HYDROELECTRIC POWER RESOURCES, (ALL SITES)

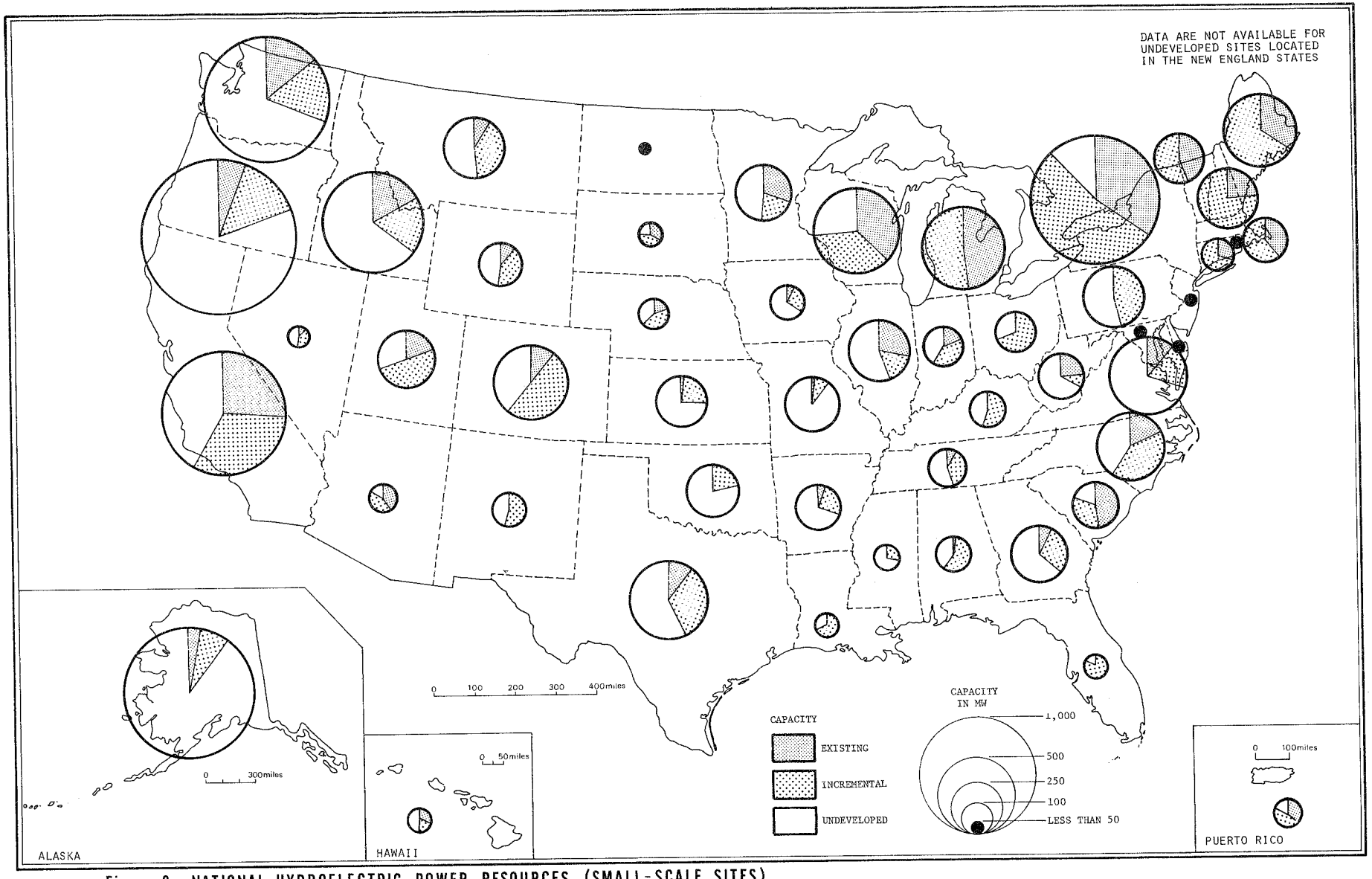

Figure 3: NATIONAL HYDROELECTRIC POWER RESOURCES, (SMALL-SCALE SITES)

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 at 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.

Lake Central

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 Lake Central region, the maximum physical potential for all sites exceeds 26,000 MW with an estimated average annual energy of more than 75,000 GWH. By comparison, these values represent about 5 percent of both the total potential capacity and hydroelectric energy estimated for the entire United States.

Of the total capacity estimated for the region, 2,600 MW has been installed. The remainder (23,600 MW) is the maximum which could be developed by upgrading and expanding existing projects (15,800 MW), and by installing new hydroelectric power capacity at all potentially feasible, undeveloped sites (7,800 MW). Small-scale facilities account for some 24 percent of the region's total installed capacity, but another 900 MW could be added to these and other small water resource projects. In addition, 900 MW could be installed at potentially feasible, undeveloped small-scale sites. The small-scale resource varies considerably, with the states of Michigan and Wisconsin having the largest potential for incremental development at existing projects in the Lake Central 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	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	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	Increm	Undev	Total	Exist	Increm	Undev	Total	Exist	Increm	Undev	Total	Exist	Increm	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	Increm	Undev	Total	Exist	Increm	Undev	Total	Exist	Increm	Undev	Total	Exist	Increm	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

Illinois, Indiana, Iowa, Kentucky, Michigan,
Minnesota, Missouri, Ohio and Wisconsin

STATE OF ILLINOIS

. . . PRELIMINARY ESTIMATE . . .

(07/08/79)

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

HEAD IN FEET	CUMULATIVE MW	POTENTIAL INCREMENTAL CAPACITY RANGES															
		.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	11	6	9	15	0	6	0	6	1	4	0	4	12	16	9	25
	CAPCTY	59.2	32.7	31.6	64.4	0.0	109	0.0	109	32.0	406	0.0	406	91.2	548	31.6	580
	ENERGY	321	68.4	130	199	0.0	293	0.0	293	14.6	1524	0.0	1524	336	1886	130	2016
20-49	NUMBER	4	23	161	184	0	1	0	1	0	1	2	3	4	25	163	188
	CAPCTY	32.6	13.1	74.0	87.2	0.0	17.7	0.0	17.7	0.0	65.4	89.3	155	32.6	96.3	163	260
	ENERGY	200	32.0	154	186	0.0	35.2	0.0	35.2	0.0	105	178	283	200	173	332	504
50-99	NUMBER	1	10	58	68	0	1	0	1	0	2	0	2	1	13	58	71
	CAPCTY	8.0	5.9	54.5	60.5	0.0	17.7	0.0	17.7	0.0	61.7	0.0	61.7	8.0	85.4	54.5	140
	ENERGY	48.0	8.0	111	119	0.0	19.1	0.0	19.1	0.0	121	0.0	121	48.0	148	111	259
>100	NUMBER	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2
	CAPCTY	0.0	0.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0
	ENERGY	0.0	0.0	15.7	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	15.7
TOTAL	NUMBER	16	39	230	269	0	8	0	8	1	7	2	9	17	54	232	286
	CAPCTY	99.9	51.8	169	221	0.0	145	0.0	145	32.0	533	89.3	623	132	730	259	989
	ENERGY	569	109	411	520	0.0	347	0.0	347	14.6	1750	178	1928	584	2206	589	2795

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 ILLINOIS

(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: **ADAMS**						FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH				
IL NONAME 90001	ILU0001	MCKEE CREEK			39 54.2	120.0	89.	90.	100.	0.	0. U	0.
	LMS0001				91 0.						2.08 T	3.1
UDPIL90180	ILU0603	CEDAR CK	H		40 9.4	9.0	5.	45.	0.	0.	0. U	0.
	NCC0001				90 56.8						.08 T	.1
COUNTY NAME: **BOND**						FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH				
IL NONAME 930024	ILU0024	EAST FORK SHOAL			38 17.3	181.0	133.	50.	60.	0.	0. U	0.
	LMS0002	CREEK			89 28.2						1.55 T	2.0
GREENVILLE NEW C ITY LAKE	IL00594	KINGSBURY BRANCH	S		38 54.0	35.0	24.	35.	42.	12. E	0. E	0.
	LMS0003				89 24.0						.26 N	.3
COUNTY NAME: **BROWN**						FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH				
IL NONAME 90002	ILU0002	MCKEE CREEK			39 52.5	282.0	190.	90.	100.	0.	0. U	0.
	LMS0004				90 47.6						3.34 T	5.5
LA GRANGE DAM	ILU0403	ILLINOIS R	N	CORPS OF ENG	39 55.5	25577.0	20864.	8.	9.	0. E	0. E	0.
	NCC0002			INEERS	90 32.1						29.48 N	114.0
UDPIL90182	ILU0605	S FK SHELBY CK	H		40 1.9	11.0	7.	54.	0.	0.	0. U	0.
	NCC0003				90 41.4						.11 T	.1
UDPIL90183	ILU0606	WEST CREEK	H		40 1.8	16.0	10.	54.	0.	0.	0. U	0.
	NCC0004				90 40.1						.16 T	.2
UDPIL90184	ILU0607	LITTLE CK	H		39 54.4	13.0	8.	58.	0.	0.	0. U	0.
	NCC0005				90 35.1						.14 T	.2
UDPIL90185	ILU0608	CAMP CK	H		39 26.9	7.0	4.	47.	0.	0.	0. U	0.
	NCC0006				90 39.5						.07 T	.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)

PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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: **BUREAU**					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
UDPIL90027	ILU0450	LA HARPE CK	H		40 28.2	61.0	38.*	39.*	0.*	0.*U	0. *U	0.
	NCC0012				90 58.8					*T	.42*T	.7
UDPIL90211	ILU0633	SENAXHWINECK	H		41 12.8	22.0	13.*	51.*	0.*	0.*U	0. *U	0.
	NCC0029				89 26.4					*T	.23*T	.4
COUNTY NAME: **CARROLL**												
IL NO NAME 872	IL00643	EAST FORK PLUM C*R		PRIVATE	42 10.8	9.0	6.*	47.*	63.*	22.*E	0. *E	0.
	NCR0001	REEK			89 53.4					*N	.06*N	.2
COUNTY NAME: **CASS**					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
UDPIL90188	ILU0611	HILLER CK	H		40 2.6	5.0	3.*	43.*	0.*	0.*U	0. *U	0.
	NCC0031				90 3.8					*T	.05*T	.1
UDPIL90189	ILU0612	COX CK	H		40 .4	23.0	14.*	48.*	0.*	0.*U	0. *U	0.
	NCC0032				90 6.8					*T	.16*T	.5
UDPIL90190	ILU0613	JOBS CK	H		39 58.5	6.0	3.*	38.*	0.*	0.*U	0. *U	0.
	NCC0033				90 8.9					*T	.06*T	.1
UDPIL90191	ILU0614	JOBS CK	H		39 58.7	13.0	8.*	39.*	0.*	0.*U	0. *U	0.
	NCC0034				90 11.4					*T	.11*T	.2
UDPIL90192	ILU0615	INDIAN RUN	H		40 .1	7.0	4.*	49.*	0.*	0.*U	0. *U	0.
	NCC0035				90 14.8					*T	.09*T	.1
UDPIL90194	ILU0617	CLEAR CK	H		39 56.4	16.0	10.*	53.*	0.*	0.*U	0. *U	0.
	NCC0036				90 19.8					*T	.16*T	.2
UDPIL90198	ILU0621	PRAIRIE CK	H		39 53.3	17.0	10.*	32.*	0.*	0.*U	0. *U	0.
	NCC0037				90 18.0					*T	.10*T	.1

LEGEND

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(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
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

(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: CHRISTIAN					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
TAYLORVILLE	ILU0416	FLAT BRANCH			39 31,2	272,0	172,	30,	35,	226,*U	0, *U	0,
	NCC0038				89 51,6					*T	1,61*T	2,9
UDPIL90200	ILU0623	TRIB-S FK SANGAM	H		39 36,0	34,0	21,	31,	0,	0,*U	0, *U	0,
	NCC0039	0			90 22,0					*T	,20*T	,2
UDPIL90203	ILU0626	BRUSH CK	H		39 29,3	10,0	6,	24,	0,	0,*U	0, *U	0,
	NCC0040				89 19,7					*T	,05*T	,1
UDPIL90204	ILU0627	BEAR CK	H		39 23,4	33,0	20,	27,	0,	0,*U	0, *U	0,
	NCC0041				89 33,4					*T	,19*T	,2
ILNONAME 650	IL00673	CLEAR CREEK			39 39,0	74,0	44,	42,	50,	35,*E	0, *E	0,
	NCC0042				89 28,8					*N	,50*N	,9
ILNONAME 656	IL00678	S, FORK SANGAMON			39 31,8	125,0	74,	20,	0,	0,*E	0, *E	0,
	NCC0043	- OFFSTREAM			89 15,6					*N	,32*N	,7
COUNTY NAME: CLARK					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
NORTH FORK	ILU0359	NO FK EMBARRAS R			39 13,1	140,0	112,	42,	52,	142,*U	0, *U	0,
	ORL0001	IV			87 55,5					*T	1,49*T	2,1
COUNTY NAME: CLAY					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
WILCOX BRIDGE	ILU0346	LIT WABASH RIV			38 38,5	1130,0	904,	21,	28,	430,*U	0, *U	0,
	ORL0002				88 17,8					*T	3,98*T	7,8
BIG MUDDY NO, 1	ILU0351	BIG MUDDY CK			38 47,5	140,0	112,	19,	26,	46,*U	0, *U	0,
	ORL0003				88 20,4					*T	,65*T	,8
SOUTH MUDDY	ILU0353	WEATHER AND MUDDY			38 45,9	105,0	84,	31,	42,	78,*U	0, *U	0,
	ORL0004	Y CR,			88 18,5					*T	,93*T	1,1

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,
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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

(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: CLAY					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
LOUISVILLE LAKE	ILU0354 ORL0005	LIT WABASH RIV			38 47.8 88 33.3	3320.0	2660.	43.	58.	231. U T	0. U 49.87 T	0. 61.9
COUNTY NAME: CLINTON					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
IL NONAME 90032	ILU0032 LMS0005	SHOAL CREEK			38 13.1 89 30.0	740.0	517.	20.	30.	0. U T	0. U 2.74 T	0. 4.9
CARLYLE DAM	IL00113 LMS0006	KASKASKIA RIVER			38 36.0 89 24.0	2680.0	2027.	52.	62.	0. E N	0. E 34.87 N	0. 69.8
COUNTY NAME: CUMBERLAND					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
LINCOLN LAKE	ILU0355 ORL0006	EMBARRAS RIV			39 22.4 88 10.9	915.0	732.	51.	69.	538. U T	0. U 3.88 T	0. 15.7
COUNTY NAME: DEKALB					FERC POWER SUPPLY AREA 14		FERC REGIONAL OFFICE CODE CH					
UDPIL90212	ILU0634 NCC0044	INDIAN CK	H		41 51.0 88 42.6	19.0	11.	42.	0.	0. U T	0. U .13 T	0. .5
COUNTY NAME: DEWITT					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
KENNEY	ILU0418 NCC0045	SALT CREEK			40 5.3 88 58.5	340.0	216.	50.	57.	429. U T	0. U 3.11 T	0. 8.0
WAYNESVILLE	ILU0419 NCC0046	KICKAPOO CK			40 13.1 89 5.4	220.0	139.	43.	48.	212. U T	0. U 1.92 T	0. 3.6
UDPIL90205	ILU0628 NCC0047	LONG POINT CK	H		40 15.0 89 2.4	41.0	26.	36.	0.	0. U T	0. U .30 T	0. .6

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

(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: **DEWITT**					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
UDPIL90207	ILU0630 NCC0048	N FK SALT CK	H		40 10.1 88 50.5	118.0	74.	50.	0.	0. U	0. U 1.38 T	0. 2.5
UDPIL90208	ILU0631 NCC0049	TRIB-SALT CK	H		40 8.4 88 49.0	5.0	3.	32.	0.	0. U	0. U .05 T	0. .1
UDPIL90210	ILU0632 NCC0050	COON CK	H		40 6.0 89 0.	17.0	10.	28.	0.	0. U	0. U .12 T	0. .2
UDPIL90209	ILU0683 NCC0051	TENMILE CK	H		40 6.6 80 3.6	46.0	29.	46.	0.	0. U	0. U .96 T	0. 1.8
UDPIL90209	ILU1003 NCC0052	TENMILE CK	H		40 6.6 89 3.4	46.0	29.	46.	0.	0. U	0. U .49 T	0. .9
COUNTY NAME: **DUPAGE**					FERC POWER SUPPLY AREA 14			FERC REGIONAL OFFICE CODE CH				
UDPIL90213	ILU0635 NCC0053	N BR DU PAGE	H		41 57.0 88 12.7	19.0	12.	27.	0.	0. U	0. U .07 T	0. .3
UDPIL90214	ILU0636 NCC0054	SPRING BROOK	H		41 42.6 88 11.4	9.0	6.	23.	0.	0. U	0. U .07 T	0. .1
COUNTY NAME: **EFFINGHAM**					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
EFFINGHAM	ILU0345 ORL0007	LIT WABASH RIV			39 9.0 88 34.6	218.0	174.	22.	55.	135. U	0. U .99 T	0. 1.6
LAKE SARA	IL00607 ORL0008	BLUE POINT CREEK	S		39 7.5 88 37.0	9.0	8.	43.	55.	15. E .09 N	0. E	0. .2

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

(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: FAYETTE					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
VANDALIA CITY LAKE	ILO0623 LMS0007	BEAR CREEK	S		39 0, 89 6,0	25,0	17,*	25,*	32,*	9,*E *N	0, *E ,13*N	0, ,2
COUNTY NAME: FRANKLIN					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
REND LAKE DAM	ILO0117 LMS0008	BIG MUDDY RIVER	CRSO		38 0, 89 0,	4880,0	4034,*	40,*	49,*	608,*E *N	0, *E 65,47*N	0, 105,3
COUNTY NAME: FULTON					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
UDPIL90002	ILU0425 NCC0055	COAL CK	H		40 37,8 90 16,2	32,0*	20,*	72,*	0,*	0,*U *T	0, *U ,52*T	0, ,8
UDPIL90004	ILU0427 NCC0056	TRIB-SHAW CK	H		40 36,6 90 26,4	7,0*	4,*	34,*	0,*	0,*U *T	0, *U ,06*T	0, ,1
UDPIL90006	ILU0429 NCC0057	MIDDLE BR	H		40 32,4 89 58,2	27,0*	17,*	51,*	0,*	0,*U *T	0, *U ,28*T	0, ,5
UDPIL90008	ILU0431 NCC0058	PUT CK	H		40 ,2 90 41,8	91,0*	57,*	45,*	0,*	0,*U *T	0, *U ,94*T	0, 1,2
UDPIL90009	ILU0432 NCC0059	SHAW CK	H		40 29,4 90 25,2	38,0*	23,*	32,*	0,*	0,*U *T	0, *U ,22*T	0, ,4
UDPIL90011	ILU0434 NCC0060	BARKER CK	H		40 26,4 90 24,6	16,0*	10,*	66,*	0,*	0,*U *T	0, *U ,15*T	0, ,4
UDPIL90012	ILU0435 NCC0061	MUDDY CK	H		40 24,6 90 15,6	4,0*	2,*	61,*	0,*	0,*U *T	0, *U ,06*T	0, ,1
UDPIL90013	ILU0436 NCC0062	SLUG RUN	H		40 26,2 90 7,8	8,0*	5,*	40,*	0,*	0,*U *T	0, *U ,08*T	0, ,1

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

(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: FULTON					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
UDPIL90014	ILU0437	DUCK CK	H		40 25.5	18.0	11.	63.	0.	0.	0.	0.
	NCC0063				89 58.2					T	.16 T	.5
UDPIL90016	ILU0439	FRANCIS CK	H		40 23.4	11.0	7.	56.	0.	0.	0.	0.
	NCC0064				90 19.8					T	.09 T	.3
UDPIL90017	ILU0440	SUGAR CK	H		40 19.8	11.0	7.	41.	0.	0.	0.	0.
	NCC0065				90 26.2					T	.07 T	.2
UDPIL90018	ILU0441	OTTER CK	H		40 18.0	7.0	4.	39.	0.	0.	0.	0.
	NCC0066				90 23.4					T	.07 T	.1
UDPIL90020	ILU0443	EAST CK	H		40 19.8	7.0	4.	36.	0.	0.	0.	0.
	NCC0067				90 9.0					T	.06 T	.1
UDPIL90021	ILU0444	WILSON CK	H		40 11.8	12.0	7.	51.	0.	0.	0.	0.
	NCC0068				90 16.8					T	.09 T	.3
UDPIL90001	ILU0682	SWEGLE CK	H		40 40.2	16.0	9.	26.	0.	0.	0.	0.
	NCC0069				90 15.6					T	.07 T	.1
UDPIL90001	ILU1000	SWEGLE CK	H		40 40.2	16.0	9.	26.	0.	0.	0.	0.
	NCC0070				90 15.6					T	.07 T	.1
ILNONAME 179	IL00216	N. BRANCH COPPER			40 33.6	14.4	9.	39.	53.	4.	0.	0.
	NCC0071	AS			89 58.2					N	.12 N	.2
COUNTY NAME: GALLATIN					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
EAGLE SLURRY POND	IL00043	TR-OHIO RIVER	D		37 40.3	3.0	2.	51.	60.	0.	0.	0.
	ORL0009				88 13.1					N	.06 N	.1

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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COUNTY NAME: **GREENE**					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
IL NONAME 90014	ILU0014	APPLE CREEK			39 26.0	248.0	145.	70.	80.	0.	0.	0.
	LMS0009				90 17.4						2.27	4.1
IL NONAME 90049	ILU0049	APPLE CREEK			39 21.6	397.0	242.	130.	140.	0.	0.	0.
	LMS0010				90 32.3						6.64	11.9
IL NONAME 90051	ILU0051	MACOUPIN CREEK			39 11.1	935.0	569.	70.	90.	0.	0.	0.
	LMS0011				90 33.1						6.20	13.3
IL NONAME 90052	ILU0052	MACOUPIN CREEK			39 15.6	649.0	442.	40.	50.	0.	0.	0.
	LMS0012				90 24.0						2.55	4.5
COUNTY NAME: **GRUNDY**					FERC POWER SUPPLY AREA 14		FERC REGIONAL OFFICE CODE CH					
UDPIL90215	ILU0637	BILLS RUN	H		41 21.0	14.0	8.	36.	0.	0.	0.	0.
	NCC0072				88 28.8						.11	.2
UDPIL90216	ILU0638	LONG POINT CK	H		41 8.8	9.0	5.	45.	0.	0.	0.	0.
	NCC0073				88 34.0						.09	.2
COUNTY NAME: **HANCOCK**					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
UDPIL90022	ILU0445	N BR CROOKED CK	H		40 36.0	19.0	12.	51.	0.	0.	0.	0.
	NCC0007				90 57.6						.17	.3
UDPIL90023	ILU0446	S BR CROOKED CK	H		40 34.8	14.0	9.	43.	0.	0.	0.	0.
	NCC0008				90 57.9						.12	.1
UDPIL90024	ILU0447	SPRING CK	H		40 34.8	16.0	10.	40.	0.	0.	0.	0.
	NCC0009				91 3.0						.13	.2
UDPIL90025	ILU0448	CEDAR CK	H		40 25.8	15.0	9.	43.	0.	0.	0.	0.
	NCC0010				90 55.8						.13	.2

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

(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: **HANCOCK**					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
UDPIL90026	ILU0449	GROVE CK	H		40 30,6	19,0	12,*	43,*	0,*	0,*U	0, *U	0,
	NCC0011				91 3,6					*T	,17*T	,2
UDPIL90028	ILU0451	LA MOINE	H		40 35,2	285,0	180,*	49,*	0,*	0,*U	0, *U	0,
	NCC0013				91 2,1					*T	2,02*T	3,1
UDPIL90029	ILU0452	LONG CK	H		40 25,8	9,0	6,*	30,*	0,*	0,*U	0, *U	0,
	NCC0014				91 10,2					*T	,06*T	,1
UDPIL90031	ILU0454	MIDDLE CK	H		40 22,8	13,0	8,*	32,*	0,*	0,*U	0, *U	0,
	NCC0015				91 ,6					*T	,09*T	,1
UDPIL90033	ILU0456	BRONSON CK	H		40 18,6	18,0	11,*	36,*	0,*	0,*U	0, *U	0,
	NCC0016				91 ,6					*T	,13*T	,2
UDPIL90034	ILU0457	PANTHER CK	H		40 18,0	21,0	13,*	32,*	0,*	0,*U	0, *U	0,
	NCC0017				90 47,4					*T	,13*T	,2
UDPIL90035	ILU0458	LITTLE CK	H		40 31,8	7,0	4,*	45,*	0,*	0,*U	0, *U	0,
	NCC0018				90 55,2					*T	,08*T	,1
ROCKY RUN	IL00111	ROCKY RUN CREEK	CO	HUNT-LIMA LK DRNGE DIST	40 16,1	7,0	4,*	45,*	61,*	4,*E	0, *E	0,
	NCR0002				91 25,1					*N	,06*N	,1
COUNTY NAME: **HENRY**					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
UDPIL90217	ILU0639	INDIAN CK	H		41 8,6	18,0	11,*	45,*	0,*	0,*U	0, *U	0,
	NCC0074				89 55,7					*T	,17*T	,3
COUNTY NAME: **IROQUOIS**					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
UDPIL90036	ILU0459	TRIB-IROQUOIS	H		40 49,2	10,0	6,*	25,*	0,*	0,*U	0, *U	0,
	NCC0075				87 30,6					*T	,07*T	,1

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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: IROQUOIS					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
UDPIL90037	ILU0460	TRIB IROQUOIS	H		40 46.8	10.0	6.	24.	0.	0.	U	0.
	NCC0076				87 38.4						T	.1
UDPIL90038	ILU0461	JEFFERSON CK	H		40 42.0	21.0	13.	18.	0.	0.	U	0.
	NCC0077				87 43.8						T	.2
UDPIL90039	ILU0462	SPRING CK	H		40 31.8	12.0	7.	19.	0.	0.	U	0.
	NCC0078				88 5.4						T	.1
COUNTY NAME: JACKSON					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
KINKAID LAKE	IL00012	KINKAID CREEK	SR		37 48.0	50.0	57.	80.	87.	79.	E	0.
	LMS0013				89 30.0						N	1.48
CEDAR LAKE	IL00095	CEDAR CREEK	C		37 36.0	35.0	40.	73.	80.	80.	E	0.
	LMS0014				89 6.0						N	.95
COUNTY NAME: JASPER					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
NEWTON POWER STA	IL00664	WEATHER CREEK	D		38 53.1	40.0	32.	38.	52.	44.	E	0.
TION LAKE	ORL0010				88 18.2						N	.34
COUNTY NAME: JEFFERSON					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
HORSE CR	ILU0348	HORSE CR			38 27.1	27.0	22.	31.	42.	34.	U	0.
	ORL0011				88 48.0						T	.3
COUNTY NAME: JERSEY					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
IL NONAME 90020	ILU0020	PIASA CREEK			38 56.6	120.0	70.	130.	150.	0.	U	0.
	LMS0015				90 18.0						T	2.37

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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: JODAVIESS												
IL NO NAME 94	ILU00132	HELLS BRANCH	R	PRIVATE	42 25.0	15.0	9.	60.	70.	11.E	0. E	0.
	NCR0003				90 9.8					N	.13N	.3
COUNTY NAME: KANE					FERC POWER SUPPLY AREA 14		FERC REGIONAL OFFICE CODE CH					
UDPIL90219	ILU0641	MILL CK	H		41 49.5	27.0	16.	22.	0.	0.U	0. U	0.
	NCC0079				88 21.5					T	.14T	.2
COUNTY NAME: KANKAKEE					FERC POWER SUPPLY AREA 14		FERC REGIONAL OFFICE CODE CH					
OLD STATE DAM	ILU0404	KANKAKEE			41 10.0	5071.0	3343.	18.	20.	0.E	6.60E	31.0
	NCC0080				88 55.0					N	11.77N	17.3
UDPIL90040	ILU0463	PIKE CK	H		41 11.4	23.0	14.	28.	0.	0.U	0. U	0.
	NCC0081				87 36.6					T	.17T	.3
UDPIL90041	ILU0464	TRIB-KANKAKEE	H		41 17.4	11.0	6.	20.	0.	0.U	0. U	0.
	NCC0082				87 31.8					T	.06T	.1
COUNTY NAME: KENDALL					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
UDPIL90220	ILU0642	LITTLE ROCK	H		41 37.1	34.0	21.	45.	0.	0.U	0. U	0.
	NCC0083				88 32.5					T	.37T	.6
COUNTY NAME: KNOX					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
LONDON MILLS	ILU0422	SPOON RIVER			40 41.6	1046.0	674.	35.	62.	710.U	0. U	0.
	NCC0084				90 16.4					T	2.41T	9.4
UDPIL90044	ILU0467	FOREMAN CK	H		41 4.2	27.0	16.	27.	0.	0.U	0. U	0.
	NCC0085				90 7.8					T	.16T	.3

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

(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: KNOX					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
UDPIL90045	ILU0468 NCC0086	TRIB-WALNUT CK	H		41 3,0 90 3,6	11.0	7.	36.	0.	0. T	0. U .08 T	0. .2
UDPIL90046	ILU0469 NCC0087	SNAKEDEN HOLLOW	H		40 56,4 90 4,2	10.0	6.	54.	0.	0. T	0. U .14 T	0. .2
UDPIL90049	ILU0472 NCC0088	HAW CK	H		40 51,0 90 16,2	19.0	11.	43.	0.	0. T	0. U .17 T	0. .3
UDPIL90052	ILU0475 NCC0089	INDIAN CK	H		40 43,5 90 26,4	14.0	9.	40.	0.	0. T	0. U .12 T	0. .2
UDPIL90053	ILU0476 NCC0090	LITTLERS CK	H		40 43,8 90 9,0	22.0	14.	48.	0.	0. T	0. U .22 T	0. .4
ILNONAME 405	IL00422 NCC0091	SUGAR CREEK			40 57,0 90 7,8	17.4	11.	49.	61.	15. E N	0. E .17 N	0. .3
COUNTY NAME: LAKE					FERC POWER SUPPLY AREA 1			FERC REGIONAL OFFICE CODE CH				
UDPIL90223	ILU0645 NCC0092	INDIAN CK	H		42 12,2 87 54,0	19.0	11.	25.	0.	0. T	0. U .08 T	0. .3
UDPIL90224	ILU0646 NCC0093	BUFFALO CK	H		42 10,1 88 2,3	7.0	4.	29.	0.	0. T	0. U .05 T	0. .1
COUNTY NAME: LASALLE					FERC POWER SUPPLY AREA 14			FERC REGIONAL OFFICE CODE CH				
WEDRON	ILU0408 NCC0094	FOX	H		41 27,0 88 45,5	2550.0	1665.	61.	58.	0. E N	8.00 E 17.79 N	48.0 19.1
MARSEILLES	ILU0409 NCC0095	ILLINOIS	H	ILLINOIS POWER CO	41 18,0 88 43,0	7640.0	5065.	14.	16.	0. E N	2.02 E 24.21 N	16.0 83.2

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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: LASALLE					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
UDPIL90226	ILU0648	SOMONAUK CK	H		41 33,8	72,0	45,*	48,*	0,*	0,*U	0, *U	0,
	NCC0096				88 40,1					*T	,73*T	1,7
UDPIL90227	ILU0649	MISSION CK	H		41 28,7	10,0	6,*	39,*	0,*	0,*U	0, *U	0,
	NCC0097				88 39,6					*T	,09*T	,2
UDPIL90229	ILU0650	LITTLE VERMILION	H		41 40,4	123,0	77,*	81,*	0,*	0,*U	0, *U	0,
	NCC0098				89 4,8					*T	2,05*T	3,7
UDPIL90230	ILU0651	N KICKAPOO CK	H		41 1,8	7,0	4,*	45,*	0,*	0,*U	0, *U	0,
	NCC0099				88 38,9					*T	,07*T	,2
UDPIL90231	ILU0652	S KICKAPOO CK	H		41 16,7	9,0	5,*	52,*	0,*	0,*U	0, *U	0,
	NCC0100				88 40,6					*T	,11*T	,2
UDPIL90232	ILU0653	TRIB-ILLINOIS	H		41 16,9	5,0	3,*	63,*	0,*	0,*U	0, *U	0,
	NCC0101				89 54,3					*T	,08*T	,1
UDPIL90233	ILU0654	WOLF CK	H		41 18,0	15,0	9,*	27,*	0,*	0,*U	0, *U	0,
	NCC0102				88 50,1					*T	,09*T	,2
UDPIL90228	ILU0684	BUCK CK	H		41 24,8	38,0	23,*	68,*	0,*	0,*U	0, *U	0,
	NCC0103				88 46,2					*T	,30*T	,6
UDPIL90228	ILU1001	BUCK CK	H		41 24,8	38,0	23,*	68,*	0,*	0,*U	0, *U	0,
	NCC0104				88 46,2					*T	,30*T	,6
MARSEILLES DAM	IL00003	ILLINOIS RIVER		DAEN NCC	41 19,2	8250,0	10760,*	13,*	0,*	0,*E	11,00*E	60,0
	NCC0105				88 42,6					*N	15,31*N	39,5
STARVED ROCK DAM	IL00004	ILLINOIS RIVER		DAEN NCC	41 19,2	11056,0	14420,*	15,*	0,*	0,*E	12,00*E	60,0
	NCC0106				88 59,4					*N	26,02*N	87,9
DAYTON DAM	IL00008	FOX RIVER		N, COUNTIES HYDRO ELEC C	41 24,6	2570,0	1611,*	28,*	38,*	1,*E	3,68*E	15,0
	NCC0107				88 48,0					*N	1,52*N	9,0

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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: LASALLE					FERC POWER SUPPLY AREA 4		FERC REGIONAL OFFICE CODE CH					
ILNONAME 437	ILL00458	SOMONAUK CREEK			40 36,6	64,6	39,*	28,*	36,*	4,*E	0, *E	0,
	NCC0108				88 40,8					*N	,26*N	,5
COUNTY NAME: LAWRENCE												
DIXON	ILL00108	ROCK RIVER	H	COMMONWEALTH	41 50,8	8700,0*	5079,*	9,*	15,*	6,*E	32,00*E	14,7
	NCK0004			EDISON CO	89 28,8					*N	0, *N	0,
COUNTY NAME: LIVINGSTON					FERC POWER SUPPLY AREA 14		FERC REGIONAL OFFICE CODE CH					
UDPIL90054	ILL00477	MUD CREEK	H		41 ,6	33,0*	20,*	28,*	0,*	0,*U	0, *U	0,
	NCC0109				88 47,4					*T	,20*T	,3
UDPIL90055	ILL00478	MUD CREEK	H		40 59,3	22,0*	13,*	21,*	0,*	0,*U	0, *U	0,
	NCC0110				88 41,8					*T	,10*T	,2
UDPIL90056	ILL00479	S FK VERMILION	H		40 40,2	12,0*	7,*	23,*	0,*	0,*U	0, *U	0,
	NCC0111				88 17,7					*T	,07*T	,1
COUNTY NAME: MACON					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
OAKLEY	ILL00415	SANAGAMON			39 52,4	810,0*	520,*	31,*	42,*	122,*U	0, *U	0,
	NCC0126				88 51,6					*T	3,00*T	11,1
UDPIL90059	ILL00482	NORTH FORK	H		40 ,6	18,0*	11,*	24,*	0,*	0,*U	0, *U	0,
	NCC0127				89 1,8					*T	,11*T	,2
UDPIL90060	ILL00483	FRIENDS CK	H		41 0,	61,0*	37,*	22,*	0,*	0,*U	0, *U	0,
	NCC0128				88 48,0					*T	,29*T	,6
UDPIL90061	ILL00484	SAND CREEK	H		39 42,0	14,0*	8,*	44,*	0,*	0,*U	0, *U	0,
	NCC0129				88 56,4					*T	,15*T	,2

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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COUNTY NAME: **MACON**					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
UDPIL90062	ILU0485	FINLEY CK	H		39 45,0	20,0	12,*	32,*	0,*	0,*U	0, *U	0,
	NCC0130				88 52,8					*T	,16*T	,3
UDPIL90248	ILU0668	EINLEY CK	H		39 43,7	16,0	10,*	28,*	0,*	0,*U	0, *U	0,
	NCC0131				88 53,4					*T	,11*T	,2
ILNONAME 108	IL00146	SANGAMON RIVER			39 49,8	906,0	663,*	24,*	33,*	22,*E	0, *E	0,
	NCC0132				86 57,6					*N	2,83*N	7,9
COUNTY NAME: **MACOUPIN**					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
OTTER LAKE	IL00133	WEST FORK OTTER	S		39 24,0	107,0	64,*	51,*	58,*	15,*E	0, *E	0,
	LMS0016	CREEK			89 54,0					*N	1,14*N	1,8
COUNTY NAME: **MADISON**					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
IL NONAME 90022	ILU0022	CAHOKIA CREEK			38 17,2	197,0	136,*	50,*	60,*	0,*U	0, *U	0,
	LMS0017				89 56,0					*T	1,78*T	2,7
ALTON LAKE	IL00116	MISSISSIPPI RIVE	NR		38 54,0	171500,0	99222,*	15,*	25,*	169,*E	0, *E	0,
	LMS0018	R			90 12,0					*N	279,29*N	1042,9
SILVER LAKE	IL00178	EAST FORK SILVER	S		38 42,0	48,0	33,*	30,*	37,*	8,*E	0, *E	0,
	LMS0019	CREEK			89 42,0					*N	,30*N	,4
COUNTY NAME: **MARION**					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
HELM	ILU0347	SKILLET FK			38 32,0	214,0	171,*	37,*	50,*	300,*U	0, *U	0,
	ORL0012				88 43,8					*T	1,80*T	2,5

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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: MARSHALL						FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH				
CROW CK EAST	ILU0424	CROW CK EAST			40 55.8	80.0	47.	46.	57.	0.	0. U	0.
	NCC0133				89 18.2						T	1.2
UDPIL90064	ILU0487	TRIB-CROW CK	H		41 4.2	8.0	5.	43.	0.	0.	0. U	0.
	NCC0134				89 26.4						T	.1
UDPIL90065	ILU0488	SENACHWINE CK	H		41 .6	40.0	24.	38.	0.	0.	0. U	0.
	NCC0135				89 31.2						T	.6
UDPIL90066	ILU0489	LITTLE SENACHWIN	H		40 58.5	5.0	3.	42.	0.	0.	0. U	0.
	NCC0136	E			89 33.6						T	.1
UDPIL90067	ILU0490	SHAW CK	H		41 3.6	12.0	7.	69.	0.	0.	0. U	0.
	NCC0137				89 16.2						T	.3
UDPIL90068	ILU0491	TRIB-SANDY CK	H		41 3.6	7.0	7.	39.	0.	0.	0. U	0.
	NCC0138				89 12.6						T	.1
UDPIL90069	ILU0492	JUDD CK	H		41 3.5	14.0	9.	39.	0.	0.	0. U	0.
	NCC0139				89 8.4						T	.2
UDPIL90071	ILU0494	PIGEON CK	H		40 56.4	7.0	4.	58.	0.	0.	0. U	0.
	NCC0140				89 22.8						T	.2
ILNONAME 96	ILU0134	SHAN CREEK			41 4.8	12.4	10.	68.	84.	7.	E	0.
	NCC0141				89 17.4						N	.3
COUNTY NAME: MCDONOUGH						FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH				
ST MARY	ILU0423	LA MOINE			40 25.1	583.0	373.	27.	55.	412.	0. U	0.
	NCC0112				90 51.1						T	4.9
UDPIL90073	ILU0496	E FK LA MOINE	H		40 34.8	15.0	9.	35.	0.	0.	0. U	0.
	NCC0113				90 34.8						T	.2

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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: **MCDONOUGH**					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
UDPIL90074	ILU0497	SHORT FORK	H		40 33,0	7.0	4,*	29,*	0,*	0,*U	0, *U	0,
	NCC0114				90 37,8					*T	,05*T	,1
UDPIL90076	ILU0499	BAPTIST CK	H		40 32,1	8.0	5,*	35,*	0,*	0,*U	0, *U	0,
	NCC0115				90 51,6					*T	,06*T	,1
UDPIL90078	ILU0501	CAMP CK	H		40 20,2	51.0	31,*	31,*	0,*	0,*U	0, *U	0,
	NCC0116				90 45,6					*T	,28*T	,5
UDPIL90079	ILU0502	GRINDSTONE CK	H		40 17,8	41.0	25,*	48,*	0,*	0,*U	0, *U	0,
	NCC0117				90 45,0					*T	,37*T	,4
COUNTY NAME: **MCHENRY**					FERC POWER SUPPLY AREA 14			FERC REGIONAL OFFICE CODE CH				
UDPIL90235	ILU0656	NIPPERSINK CK	H		42 28,6	22.0	13,*	19,*	0,*	0,*U	0, *U	0,
	NCC0118				88 29,6					*T	,09*T	,2
ILNONAME 562	IL00585	NIPPERSINK CREEK			42 24,6	97.2	57,*	16,*	22,*	7,*E	0, *E	0,
	NCC0119				88 20,4					*N	,21*N	,6
ILNONAME 568	IL00591	TRIB = FOX RIVER			42 10,8	8.5	7,*	39,*	50,*	1,*E	0, *E	0,
	NCC0120				88 19,2					*N	,06*N	,2
COUNTY NAME: **MCLEAN**					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
UDPIL90080	ILU0503	SIXMILE CK	H		40 35,4	39.0	24,*	29,*	0,*	0,*U	0, *U	0,
	NCC0121				89 0,					*T	,24*T	,4
UDPIL90081	ILU0504	SIX MILE CK	H		40 39,6	41.0	25,*	45,*	0,*	0,*U	0, *U	0,
	NCC0122				89 ,6					*T	,40*T	,6
UDPIL90082	ILU0505	SIX MILE CK	H		40 37,5	42.0	26,*	58,*	0,*	0,*U	0, *U	0,
	NCC0123				89 2,1					*T	,52*T	,8

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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: MCLEAN					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
UDPIL90083	ILU0506	WEST FORK	H		40 18.6	16.0	10.	21.	0.	0. U	0. U	0.
	NCC0124				88 46.2					T	.08 T	.2
UDPIL90086	ILU0509	LITTLE KICKAPOO	H		40 21.0	25.0	15.	29.	0.	0. U	0. U	0.
	NCC0125				88 57.0					T	.15 T	.3
COUNTY NAME: MENARD					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
UDPIL90087	ILU0510	CLARY CK	H		39 55.2	39.0	24.	61.	0.	0. U	0. U	0.
	NCC0142				89 10.2					T	.50 T	.8
UDPIL90089	ILU0512	TAR CREEK	H		40 5.4	5.0	3.	40.	0.	0. U	0. U	0.
	NCC0143				89 53.4					T	.05 T	.1
UDPIL90090	ILU0513	CONCORD CK	H		40 3.6	12.0	7.	34.	0.	0. U	0. U	0.
	NCC0144				89 51.6					T	.06 T	.2
UDPIL90093	ILU0516	ROCK CREEK	H		39 55.5	18.0	11.	36.	0.	0. U	0. U	0.
	NCC0145				89 46.2					T	.13 T	.2
COUNTY NAME: MONTGOMERY					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
CENTRAL ILLINOIS POWER SERVICE L	ILO0135	TR-MCDAVID BRANC	O		39 0.	90.0	61.	50.	60.	28. E	0. E	0.
	LMS0020		H		89 24.0					N	.95 N	1.1
LAKE LOU YEAGER	IL00693	WEST FORK SHOAL	SRC		39 12.0	340.0	207.	45.	52.	21. E	0. E	0.
	LMS0021	CREEK			89 42.0					N	2.28 N	3.8
COUNTY NAME: MORGAN					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
IL NONAME 90006	ILU0006	INDIAN CREEK			39 51.9	150.0	88.	70.	80.	0. U	0. U	0.
	LMS0022				90 22.0					T	1.79 T	2.7

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

(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: MORGAN						FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH				
UDPIL90095	ILU0518	MUD CREEK	H		39 51.6	9.0	5.	45.	0.	0. U	0. U	0.
	NCC0019				90 23.4					T	.09 T	.2
UDPIL90097	ILU0520	LITTLE INDIAN	H		39 58.8	36.0	22.	55.	0.	0. U	0. U	0.
	NCC0020				90 19.2					T	.37 T	.5
UDPIL90098	ILU0521	INDIAN CK	H		39 50.2	41.0	26.	30.	0.	0. U	0. U	0.
	NCC0021				90 9.7					T	.23 T	.3
UDPIL90100	ILU0523	INDIAN CK	H		38 1.2	104.0	65.	47.	0.	0. U	0. U	0.
	NCC0022				90 17.8					T	1.03 T	1.2
LAKE JACKSONVILLE	IL00711	SANDY CREEK	SR		39 42.0	17.0	12.	42.	49.	7. E	0. E	0.
	LMS0023				90 6.0					N	.16 N	.3
COUNTY NAME: OGLE						FERC POWER SUPPLY AREA 14		FERC REGIONAL OFFICE CODE CH				
BYRON	ILU0367	ROCK RIVER			42 10.0	7990.0	4136.	18.	0.	0. E	6.80 E	37.0
	NCR0018				89 0.					N	10.10 N	14.1
GRAND DETOUR	ILU0369	ROCK RIVER			42 50.0	8565.0	5343.	24.	0.	0. E	9.30 E	52.0
	NCR0019				89 30.0					N	17.73 N	35.2
COUNTY NAME: PEORIA						FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH				
JUBILEE	ILU0420	KICKAPOO CK			40 50.8	120.0	75.	6.	7.	184. U	0. U	0.
	NCC0146				89 46.8					T	.16 T	.2
UDPIL90101	ILU0524	TRIB-SPOON	H		40 55.8	5.0	3.	45.	0.	0. U	0. U	0.
	NCC0147				89 51.0					T	.06 T	.1
UDPIL90102	ILU0525	HENRY CK	H		40 55.5	4.0	3.	50.	0.	0. U	0. U	0.
	NCC0148				89 34.2					T	.05 T	.1

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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: PEORIA					FERC POWER SUPPLY AREA 40					FERC REGIONAL OFFICE CODE CH		
UDPIL90103	ILU0526	SENACHWINE	H		40 55.8	43.0	26.	70.	0.	0.U	0. U	0.
	NCC0149				89 31.2					T	.64T	1.2
UDPIL90104	ILU0527	JUBILEE CK	H		40 51.6	7.0	4.	63.	0.	0.U	0. U	0.
	NCC0150				89 48.6					T	.09T	.2
UDPIL90106	ILU0529	JOHNSON RUN	H		40 43.2	12.0	7.	38.	0.	0.U	0. U	0.
	NCC0151				89 45.0					T	.10T	.2
UDPIL90107	ILU0530	NIXON RUN	H		40 44.4	9.0	5.	39.	0.	0.U	0. U	0.
	NCC0152				89 49.2					T	.08T	.1
UDPIL90109	ILU0532	TRIB-N FK KICKAP	H		40 42.6	5.0	3.	43.	0.	0.U	0. U	0.
	NCC0153	OO			89 53.8					T	.05T	.1
UDPIL90110	ILU0533	E BR COPPERAS	H		40 36.6	12.0	7.	55.	0.	0.U	0. U	0.
	NCC0154				89 51.0					T	.17T	.2
UDPIL90111	ILU0534	W BR LAMARSH CK	H		40 35.9	16.0	9.	29.	0.	0.U	0. U	0.
	NCC0155				89 43.8					T	.10T	.2
UDPIL90112	ILU0535	LITTLE LAMARSH	H		40 33.6	4.0	2.	54.	0.	0.U	0. U	0.
	NCC0156				89 45.6					T	.06T	.1
UDPIL90113	ILU0536	E BR COPPERAS CK	H		41 4.2	61.0	38.	77.	0.	0.U	0. U	0.
	NCC0157				89 53.3					T	1.00T	1.9
UDPIL90250	ILU0670	JUBILEE CK	H		40 47.7	34.0	21.	58.	0.	0.U	0. U	0.
	NCC0158				89 46.8					T	.50T	.7
PEORIA DAM	IL00938	ILLINOIS R.		DAEN NCC	40 37.8	14455.0	13300.	9.	0.	0.E	0. E	0.
	NCC0159				89 37.8					N	19.28N	81.3

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

(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: PIATT					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
UDPIL90115	ILU0538	WILDCAT CK	H		39 53.3	9.0	5.	27.	0.	0. U	0. U	0.
	NCC0160				88 38.4					T	.06 T	.1
UDPIL90116	ILU0539	GOOSE CK	H		40 2.4	60.0	37.	25.	0.	0. U	0. U	0.
	NCC0161				88 36.6					T	.38 T	.7
COUNTY NAME: PIKE					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
IL NONAME 90003	ILU0003	MCKEE CREEK			39 49.6	325.0	190.	90.	100.	0. U	0. U	0.
	LMS0024				90 40.0					T	3.28 T	6.5
IL NO NAME 717	IL00741	BLUE CREEK	SCR	C+TY OF PITT	39 37.9	13.0	9.	25.	34.	7. E	0. E	0.
	NCR0005			SFIELD	90 44.8					N	.06 N	.1
COUNTY NAME: POPE					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
BAY CK STR # 5	IL00040	BAY CREEK	C		37 29.1	22.0	17.	37.	50.	6. E	0. E	0.
	ORL0013				88 41.3					N	.30 N	.4
COUNTY NAME: PUTNAM					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
UDPIL90239	ILU0660	CROW CK	H		41 7.6	54.0	33.	63.	9999.	0. U	0. U	0.
	NCC0162				89 24.9					T	.77 T	1.2
UDPIL90241	ILU0661	CLEAR CK	H		41 7.5	35.0	22.	72.	0.	0. U	0. U	0.
	NCC0163				89 14.2					T	.57 T	.9
UDPIL90242	ILU0662	CLEAR CK	H		41 7.8	12.0	7.	63.	0.	0. U	0. U	0.
	NCC0164				89 14.8					T	.19 T	.3
UDPIL90243	ILU0663	LITTLE SANDY CK	H		41 5.7	29.0	18.	31.	0.	0. U	0. U	0.
	NCC0165				89 11.8					T	.19 T	.3

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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COUNTY NAME: **PUTNAM**					FERC POWER SUPPLY AREA 4		FERC REGIONAL OFFICE CODE CH					
UDPIL90240	ILU0685	SENACHWINE CK	H		41 10.6	35.0	22.	76.	0.	0. U	0. U	0.
	NCC0166				89 24.7					T	.47 T	.8
UDPIL90240	ILU1002	SENACHWINE CK	H		41 10.6	35.0	22.	76.	0.	0. U	0. U	0.
	NCC0167				89 24.7					T	.55 T	1.0
COUNTY NAME: **RANDOLPH**					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
KASKASKIA RIVER NAVIGATION POOL	IL00115	KASKASKIA RIVER	N		38 0.	5839.0	4145.	15.	53.	25. E	0. E	0.
	LM30025				89 54.0					N	19.74 N	40.2
BALDWIN LAKE	IL00547	TR=KASKASKIA RIV	D		38 12.0	90.0	61.	32.	40.	26. E	0. E	0.
	LM30026	ER			89 48.0					N	.61 N	.7
COUNTY NAME: **RICHLAND**					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
FOX RIV	ILU0352	FOX RIV			38 45.2	84.0	67.	23.	31.	55. U	0. U	0.
	ORL0014				88 6.6					T	.59 T	1.0
COUNTY NAME: **ROCK ISLAND**												
SEARS DAM	ILU0365	ROCK RIVER			41 25.0	10700.0	6524.	11.	0.	0. E	1.44 E	11.0
	NCR0006				90 30.0					N	15.71 N	39.4
BARSTOW	ILU0366	ROCK RIVER			41 30.0	9680.0	5902.	28.	0.	0. U	0. U	0.
	NCR0007				90 30.0					T	39.49 T	116.1
IL NO NAME 98	IL00136	BIG BRANCH	R	ROCK IL. CO. PRESERVE DI	41 26.1	7.0	4.	52.	63.	4. E	0. E	0.
	NCR0008				90 49.9					N	.06 N	.1
MOLINE GENERATING STATION DAM	IL00798	SYLVAN SLOUGH	H		41 30.9	88500.0	49137.	9.	34.	2. E	3.60 E	25.0
	NCR0009				90 32.4					N	71.39 N	279.5

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

(07/09/79)

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: SALINE						FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH				
STONEFORT BLUFF	ILU0360	SO FK SALINE RIV			37 38.9	30.0	24.	36.	45.	35.*U	0. *U	0.
	ORL0015				88 38.8					*T	.51*T	.7
BRUSHY CREEK	ILU0361	BRUSHY CREEK			37 46.0	22.0	18.	33.	45.	30.*U	0. *U	0.
	ORL0016				88 37.1					*T	.27*T	.3
COUNTY NAME: SANGAMON						FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH				
ROCHESTER	ILU0417	S FK SANAGAMON			39 43.7	863.0	555.	35.	47.	404.*U	0. *U	0.
	NCC0169				89 33.6					*T	3.65*T	9.0
UDPIL90118	ILU0541	TRIB-WOLF CK	H		39 53.4	10.0	6.	32.	0.	0.*U	0. *U	0.
	NCC0170				89 30.6					*T	.07*T	.1
UDPIL90125	ILU0548	SPRING CK	H		39 48.0	92.0	57.	34.	0.	0.*U	0. *U	0.
	NCC0171				89 49.6					*T	.65*T	1.0
UDPIL90126	ILU0549	LITTLE SPRING CK	H		39 45.6	10.0	6.	34.	0.	0.*U	0. *U	0.
	NCC0172				89 46.2					*T	.07*T	.1
UDPIL90127	ILU0550	LICK CK	H		39 39.0	27.0	16.	30.	0.	0.*U	0. *U	0.
	NCC0173				89 51.6					*T	.17*T	.3
UDPIL90132	ILU0555	RICHLAND CK	H		39 51.6	10.0	6.	37.	0.	0.*U	0. *U	0.
	NCC0174				89 49.2					*T	.05*T	.2
COUNTY NAME: SCHUYLER						FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH				
UDPIL90133	ILU0556	WILLOW CK	H		40 13.8	7.0	4.	40.	0.	0.*U	0. *U	0.
	NCC0175				90 45.6					*T	.07*T	.1
UDPIL90134	ILU0557	HONEY BR	H		40 13.5	10.0	6.	40.	0.	0.*U	0. *U	0.
	NCC0176				90 42.6					*T	.07*T	.1

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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COUNTY NAME: **SCHUYLER**					FERC POWER SUPPLY AREA 40				FERC REGIONAL OFFICE CODE CH			
UDPIL90135	ILU0558	HONEY BR	H		40 14.4	6.0	4.	54.	0.	0.	0. U	0.
	NCC0177				90 40.8						.08 T	.1
UDPIL90136	ILU0559	RICH BR	H		40 15.0	6.0	3.	43.	0.	0.	0. U	0.
	NCC0178				90 46.8						.07 T	.1
UDPIL90137	ILU0560	BOEUR BR	H		40 13.2	8.0	5.	45.	0.	0.	0. U	0.
	NCC0179				90 32.4						.09 T	.1
UDPIL90138	ILU0561	FOWLER BR	H		40 12.6	6.0	4.	67.	0.	0.	0. U	0.
	NCC0180				90 42.6						.10 T	.1
UDPIL90140	ILU0563	CEDAR CK	H		40 8.8	52.0	32.	76.	0.	0.	0. U	0.
	NCC0181				90 46.2						.74 T	.9
UDPIL90142	ILU0565	BRUSHY CK	H		40 8.4	12.0	7.	45.	0.	0.	0. U	0.
	NCC0182				90 40.8						.10 T	.1
UDPIL90143	ILU0566	STONY CK	H		40 8.1	14.0	8.	45.	0.	0.	0. U	0.
	NCC0183				90 41.8						.12 T	.1
UDPIL90145	ILU0568	CRANE CK	H		40 2.4	13.0	8.	55.	0.	0.	0. U	0.
	NCC0184				90 32.7						.13 T	.2
UDPIL90147	ILU0570	HORNEY BR	H		40 4.8	13.0	8.	41.	0.	0.	0. U	0.
	NCC0185				90 40.2						.10 T	.1
UDPIL90148	ILU0571	RYAN BR	H		40 5.4	9.0	5.	40.	0.	0.	0. U	0.
	NCC0186				90 39.6						.07 T	.1
UDPIL90149	ILU0572	MISSOURI CK	H		40 13.7	87.0	54.	47.	0.	0.	0. U	0.
	NCC0187				90 51.0						.97 T	1.5
UDPIL90150	ILU0573	TOWN BR	H		40 1.2	14.0	9.	36.	0.	0.	0. U	0.
	NCC0188				90 35.4						.10 T	.1

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IN THE STATE OF ILLINOIS

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 40		FERC REGIONAL OFFICE CODE CH					
IL NONAME 90008	ILU0008	MAUVAISE TERRE C			39 42,1	168,0	118,	70,	80,	0,U	0, U	0,
	LMS0027	REEK			90 34,4					T	2,30 T	4,4
IL NONAME 90011	ILU0011	SANDY CREEK			39 33,5	134,0	79,	90,	100,	0,U	0, U	0,
	LMS0026				90 31,5					T	2,00 T	3,1
COUNTY NAME: SHELBY					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
LAKE SHELBYVILLE DAM	IL00118	KASKASKIA RIVER			39 24,0	1030,0	813,	98,	108,	0,E	0, E	0,
	LMS0029				88 46,0					N	26,87 N	51,0
COUNTY NAME: ST CLAIR					FERC POWER SUPPLY AREA 1		FERC REGIONAL OFFICE CODE CH					
DRESDEN ISLAND	ILU0002	ILLINOIS RIVER		DAEN NCC	41 24,0	7279,0	5560,	19,	0,	0,E	12,00 E	62,0
	NCC0168				88 16,8					N	15,10 N	9,3
COUNTY NAME: STARK					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
UDPIL90152	ILU0575	INDIAN CK	H		40 6,6	28,0	17,	27,	0,	0,U	0, U	0,
	NCC0189				89 53,4					T	,10 T	,3
UDPIL90153	ILU0576	INDIAN CK	H		41 5,3	37,0	23,	38,	0,	0,U	0, U	0,
	NCC0190				89 53,4					T	,32 T	,5
UDPIL90154	ILU0577	JACK CK	H		41 6,8	16,0	9,	40,	0,	0,U	0, U	0,
	NCC0191				89 46,8					T	,13 T	,2
UDPIL90156	ILU0579	INDIAN CK	H		41 0,	64,0	40,	52,	0,	0,U	0, U	0,
	NCC0192				89 50,4					T	,75 T	1,1

LEGEND

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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: **TAZEWELL**					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
UDPIL90157	ILU0580	TRIB MUD CK	H		40 31.8	9.0	5.	36.	0.	0. U	0. U	0.
	NCC0193				89 27.6					T	.08 T	.1
UDPIL90158	ILU0581	ALLOWAY CK	H		40 33.0	12.0	7.	40.	0.	0. U	0. U	0.
	NCC0194				89 19.0					T	.12 T	.2
UDPIL90160	ILU0583	DILLION CK	H		40 26.7	34.0	21.	48.	0.	0. U	0. U	0.
	NCC0195				89 34.2					T	.37 T	.6
UDPIL90161	ILU0584	LOST CK	H		40 28.2	7.0	4.	51.	0.	0. U	0. U	0.
	NCC0196				89 36.3					T	.09 T	.1
UDPIL90163	ILU0586	INDIAN CK	H		40 24.0	11.0	7.	39.	0.	0. U	0. U	0.
	NCC0197				89 27.6					T	.11 T	.1
COUNTY NAME: **UNION**					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
DAM NO 3 CACHE RIV	ILU0363	TR CACHE RIV			37 27.6	38.0	30.	35.	45.	5. U	0. U	0.
	ORL0017				89 1.8					T	.63 T	1.0
DAM NO 2 CACHE RIV	ILU0364	CACHE RIV			37 29.1	40.0	32.	35.	45.	13. U	0. U	0.
	ORL0018				89 5.6					T	.66 T	1.0
COUNTY NAME: **VERMILION**					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
VERMILLION-DANVILLE	ILU0356	VERMILLION RIV			40 3.4	973.0	778.	48.	65.	334. U	0. U	0.
	ORL0019				87 41.4					T	3.22 T	12.9
KICKAPOO	ILU0357	VERMILION RIV			40 9.7	420.0	336.	47.	63.	185. U	0. U	0.
	ORL0020				87 44.4					T	3.06 T	7.5
SALT FORK	ILU0358	SALT FORK			40 4.1	498.0	400.	35.	47.	120. U	0. U	0.
	ORL0021				87 54.3					T	3.02 T	6.9

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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: WARREN					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
UDPIL90164	ILU0587	CEDAR FORK	H		40 48.0	11.0	7.	29.	0.	0. U	0. U	0.
	NCC0023				90 27.0					T	.08 T	.1
UDPIL90165	ILU0588	CEDAR CK	H		40 49.2	32.0	19.	46.	0.	0. U	0. U	0.
	NCC0024				90 33.6					T	.26 T	.5
UDPIL90166	ILU0589	SWAN CK	H		40 39.0	102.0	64.	36.	0.	0. U	0. U	0.
	NCC0025				90 26.4					T	.65 T	1.1
UDPIL90167	ILU0590	LITTLE SWANCK	H		40 41.1	9.0	5.	38.	0.	0. U	0. U	0.
	NCC0026				90 31.2					T	.09 T	.1
UDPIL90168	ILU0591	SWAN CK	H		40 39.0	12.0	7.	40.	0.	0. U	0. U	0.
	NCC0027				90 37.8					T	.10 T	.2
UDPIL90169	ILU0592	BIG NIGGER CK	H		40 40.7	10.0	6.	51.	0.	0. U	0. U	0.
	NCC0028				90 37.2					T	.06 T	.1
IL NO NAME 448	ILL00469	LITTLE SWAN CREE	R	PRIVATE	40 40.4	7.0	6.	29.	39.	3. E	0. E	0.
	NCR0010	K			90 31.5					N	.05 N	.1
COUNTY NAME: WAYNE					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
BRUSH CR	ILU0349	BRUSH CR			38 31.2	42.0	34.	24.	33.	30. U	0. U	0.
	ORL0022				88 36.3					T	.30 T	.3
ELM RIV	ILU0350	ELM RIV			38 32.2	155.0	124.	27.	36.	150. U	0. U	0.
	ORL0023				88 21.5					T	1.34 T	2.0
COUNTY NAME: WHITE					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
BEAR CREEK	ILU0362	BEAR CREEK			37 54.8	48.0	38.	33.	45.	60. U	0. U	0.
	ORL0024				88 20.2					T	.34 T	.4

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

(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: WHITESIDE					FERC POWER SUPPLY AREA 14			FERC REGIONAL OFFICE CODE CH				
COMO	ILU0368	ROCK RIVER			41 40.0	9030.0	5272.	9.	0.	0. U	0. U	0.
	NCR0011				90 0.					T	6.97 T	29.7
LYNDON	ILU0371	ROCK RIVER			41 40.0	9090.0	5307.	10.	0.	0. U	0. U	0.
	NCR0012				90 0.					T	7.96 T	33.4
ABOVE LYNDON	ILU0372	ROCK RIVER			41 40.0	9060.0	5289.	9.	0.	0. U	0. U	0.
	NCR0013				90 0.					T	6.99 T	29.8
SINISSIPPI BAYOU	ILU0627	ROCK RIVER	R		41 47.7	8715.0	5088.	10.	12.	0. E	1.50 E	10.0
	NCR0014				89 39.6					N	6.08 N	21.9
COUNTY NAME: WILL					FERC POWER SUPPLY AREA 14			FERC REGIONAL OFFICE CODE CH				
UDPIL90244	ILU0664	SPRING CK	H		41 2.3	14.0	8.	31.	0.	0. U	0. U	0.
	NCC0198				87 30.4					T	.12 T	.2
UDPIL90245	ILU0665	HICKORY CK	H		41 3.0	40.0	25.	23.	0.	0. U	0. U	0.
	NCC0199				87 53.6					T	.23 T	.4
UDPIL90246	ILU0666	JACKSON CK	H		41 24.6	45.0	28.	22.	0.	0. U	0. U	0.
	NCC0200				88 .7					T	.29 T	.5
UDPIL90247	ILU0667	CEDAR CK	H		41 26.3	13.0	8.	40.	0.	0. U	0. U	0.
	NCC0201				88 10.1					T	.12 T	.2
BRANDON RD POOL	ILU00001	DES PLAINES R.		DAEN NCC	41 30.6	1506.0	1269.	29.	0.	0. E	13.00 E	70.0
	NCC0202				88 6.0					N	0. N	0.
LOCKPORT POOL	ILU00007	CHICAGO SANITARY		MSDGC	41 20.4	740.0	507.	38.	0.	0. E	6.70 E	62.8
	NCC0203	AND SHIPCANA			88 2.8					N	0. N	0.

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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: WILLIAMSON						FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH				
CRAB ORCHARD LAKE	IL00083	CRAB ORCHARD CRE	RSO		37 42,0	215.0	266,*	38,*	45,*	166,*E	0, *E	0,
	LMS0030	EK			89 12,0					*N	2,57*N	5,2
LITTLE GRASSY LAKE	IL00084	LITTLE GRASSY CR	RD		37 36,0	15.0	17,*	78,*	85,*	34,*E	0, *E	0,
	LMS0031	EEK			89 6,0					*N	,43*N	,5
DEVILS KITCHEN LAKE	IL00085	BIG GRASSY CREEK	RS		37 36,0	20.0	23,*	80,*	87,*	106,*E	0, *E	0,
	LMS0032				89 6,0					*N	,59*N	,7
COUNTY NAME: WINNEBAGO						FERC POWER SUPPLY AREA 14		FERC REGIONAL OFFICE CODE CH				
LATHAM PARK	ILU0370	ROCK RIVER			42 20,0	6475.0	5201,*	11,*	0,*	0,*U	0, *U	0,
	NCR0015				89 0,					*T	8,71*T	36,1
ROCKTON	IL00106	ROCK RIVER	H	S BELOIT W G	42 27,4	3425.0	1566,*	15,*	14,*	0,*E	1,10*E	6,0
	NCR0016			E CO	89 4,7					*N	2,88*N	8,6
FORDAM	IL00107	ROCK RIVER	H	COMMONWEALTH	42 15,9	6500,0	1559,*	9,*	12,*	0,*E	1,20*E	3,3
	NCR0017			EDISON CO	89 5,7					*N	1,67*N	5,8
COUNTY NAME: WOODFORD						FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH				
MACKINAW DELLS	ILU0421	MACKINAN			40 38,4	700.0	449,*	58,*	65,*	675,*U	0, *U	0,
	NCC0204				89 11,8					*T	4,22*T	12,3
UDPIL90170	ILU0593	PARTRIDGE CK	H		40 49,2	26.0	16,*	71,*	0,*	0,*U	0, *U	0,
	NCC0205				89 28,1					*T	,47*T	,6
UDPIL90172	ILU0595	N BR PANTHER	H		40 44,4	60.0	37,*	26,*	0,*	0,*U	0, *U	0,
	NCC0206				89 6,0					*T	,33*T	,5
UDPIL90173	ILU0596	WALNUT CK	H		40 37,8	72.0	45,*	59,*	0,*	0,*U	0, *U	0,
	NCC0207				89 13,8					*T	,96*T	1,4

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ILLINOIS

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: WOODFORD					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
UDPIL90174	ILU0597	MACKINAW-PANTHER	H		40 40.5	685.0	439.	47.	0.	0.	0.	0.
	NCC0208	CK			89 11.4					T	3.55 T	10.0
JOPIL90175	ILU0598	PANTHER CK	H		40 49.8	131.0	82.	46.	0.	0.	0.	0.
	NCC0209				90 36.0					T	1.19 T	2.0
UDPIL90176	ILU0599	TRIB MACINAW	H		40 36.8	7.0	4.	41.	0.	0.	0.	0.
	NCC0210				89 59.0					T	.07 T	.1
UDPIL90177	ILU0600	WOLF CK			40 38.8	20.0	12.	37.	0.	0.	0.	0.
	NCC0211				89 59.8					T	.15 T	.3
UDPIL90178	ILU0601	DENMAN CK			40 37.5	11.0	7.	48.	0.	0.	0.	0.
	NCC0212				89 7.6					T	.13 T	.2
UDPIL90179	ILU0602	ROCK CK	H		40 13.1	28.0	17.	39.	0.	0.	0.	0.
	NCC0213				89 34.5					T	.16 T	.5
UDPIL90252	ILU0671	TRIB-PANTHER	H		40 46.7	11.0	6.	24.	0.	0.	0.	0.
	NCC0214				89 3.4					T	.06 T	.1
COUNTY NAME: CODE 011					FERC POWER SUPPLY AREA 4		FERC REGIONAL OFFICE CODE CH					
TISKILA STRU 2	IL00450	ROCKY RUN			41 17.4	12.5	9.	44.	60.	1.	E 0.	E 0.
	NCC0030				89 31.2						N .10	N .2

STATE OF INDIANA

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

HEAD (FT)	CUTAWAY / UNDEVELOPED	POTENTIAL INCREMENTAL CAPACITY RANGES															
		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST INCR 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INCR 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INCR 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	1	3	14	17	0	0	0	0	0	0	0	0	1	3	14	17
	CAPCTY	3.4	8.0	15.6	23.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	8.0	15.6	23.7
	ENERGY	16.0	30.3	47.3	77.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	30.3	47.3	77.6
20-49	NUMBER	1	6	28	34	0	0	0	0	0	0	3	3	1	6	31	37
	CAPCTY	7.2	18.2	36.2	54.5	0.0	0.0	0.0	0.0	0.0	0.0	383	383	7.2	18.2	419	437
	ENERGY	22.0	73.9	80.2	154	0.0	0.0	0.0	0.0	0.0	0.0	816	816	22.0	73.9	896	970
50-99	NUMBER	2	19	3	22	0	2	0	2	0	0	0	0	2	21	3	24
	CAPCTY	17.7	28.6	9.3	38.0	0.0	37.2	0.0	37.2	0.0	0.0	0.0	0.0	17.7	65.8	9.3	75.2
	ENERGY	60.0	71.2	34.1	105	0.0	90.3	0.0	90.3	0.0	0.0	0.0	0.0	60.0	162	34.1	196
>100	NUMBER	0	2	0	2	0	0	0	0	0	0	0	0	0	2	0	2
	CAPCTY	0.0	3.2	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	3.2
	ENERGY	0.0	13.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	13.0
TOTAL	NUMBER	4	30	45	75	0	2	0	2	0	0	3	3	4	32	48	80
	CAPCTY	28.4	58.2	61.3	120	0.0	37.2	0.0	37.2	0.0	0.0	383	383	28.4	95.5	444	539
	ENERGY	98.0	189	162	350	0.0	90.3	0.0	90.3	0.0	0.0	816	816	98.0	279	978	1257

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 INDIANA

(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: ALLEN					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
CEDARVILLE DAM	IN00012	ST JOSEPH	S	FT WAYNE WAT	41 12.0	763.0	628.	15.	19.	2.	E 0.	E 0.
	NCE0001			ER UTILITY	85 0.					N	3.31 N	6.2
HURSHTOWN RESERV	IN00259	ST JOSEPH-OFFSTR	S	FT WAYNE WAT	41 12.0	734.0	604.	30.	35.	5.	E 0.	E 0.
DIR DAM	NCE0002	EAM		ER UTILITY	85 0.					N	3.24 N	9.5
COUNTY NAME: BARTHOLOMEW					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
CLIFTY CK	IN00011	CLIFTY CK			39 14.9	140.0	140.	29.	50.	56.	U 0.	U 0.
	ORL0025				85 43.2					T	1.15 T	2.1
AZALIA NO 2	IN00016	SAND CK			39 4.2	237.0	237.	35.	60.	189.	U 0.	U 0.
	ORL0026				85 49.0					T	1.96 T	3.9
COUNTY NAME: BROWN					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
SWEETWATER LAKE	IN00025	SWEETWATER CREEK	R,O	CORDRY-SWEET	39 17.5	2.0	2.	73.	118.	12.	E 0.	E 0.
	ORL0027			WATER CONS	86 7.5					N	.05 N	.1
COUNTY NAME: CARROLL					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
DELPHI	IN00047	WABASH RIVER			40 35.1	6340.0	6340.	45.	74.	248.	U 0.	U 0.
	ORL0028				86 40.6					T	87.17 T	161.8
OAKDALE DAM	IN00451	TIPPECANOE RIVER	HR	NORTHERN IN	40 38.9	2200.0	2200.	57.	0.	31.	E 11.00 E	35.0
	ORL0029			PUBLIC SERV	86 45.1					N	15.44 N	40.8
COUNTY NAME: DAVIESS					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
DOGWOOD LAKE	IN00081	MUD CREEK	R	DEPT OF NATU	38 32.3	14.0	14.	57.	51.	37.	E 0.	E 0.
	ORL0030			RAL RES	87 3.6					N	.31 N	.6

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF INDIANA

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: DEARBORN					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
HIDDEN VALLEY LAKE	IN00100 ORL0031	DOUBLELICK RUN CREEK	C,R	HIDDEN VALLEY LAKE INC	39 9.4 84 50.3	6.0	6.	120.	130.	8. N	0. .26	E N	0. .3
COUNTY NAME: DUBOIS					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
MALTERSVILLE	IN00045 ORL0032	HALL CREEK			38 21.5 86 51.1	56.0	56.	35.	45.	73. T	0. .89	U T	0. 1.3
PATOKA LAKE	IN00050 ORL0033	PATOKA RIVER			38 24.0 86 37.1	168.0	168.	54.	84.	302. T	0. 2.03	U T	0. 5.8
COUNTY NAME: ELKHART					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
ELKHART	IN03010 NCE0003	ST JOSEPH	H	IND-MICH ELECTRIC CO	41 42.0 86 0.	3370.0	3081.	19.	36.	0. N	3.44 4.67	E N	16.0 23.8
COUNTY NAME: FAYETTE					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
WILLIAMS CREEK	IN00040 ORL0034	WILLIAMS CREEK			39 37.4 85 9.9	28.0	28.	35.	45.	29. T	0. .25	U T	0. .6
COUNTY NAME: FOUNTAIN					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
SILVERWORD	IN00051 ORL0035	COAL CREEK			39 58.1 87 23.2	256.0	291.	31.	81.	157. T	0. 1.83	U T	0. 4.9
COUNTY NAME: FRANKLIN					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
DUCK CREEK	IN00038 ORL0036	DUCK CREEK			39 27.6 85 7.5	25.0	25.	35.	45.	18. T	0. .32	U T	0. .5

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF INDIANA

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 12		FERC REGIONAL OFFICE CODE CH					
OLDENBURG	INU0039	SALT CREEK			39 23,9	80,0	80,*	35,*	45,*	63,*U	0, *U	0,
	ORL0037				85 12,6					*T	1,01*T	1,7
BLUE CREEK	INU0041	BLUE CREEK			39 23,7	26,0	26,*	35,*	45,*	29,*U	0, *U	0,
	ORL0038				85 1,5					*T	,33*T	,5
PIPE CREEK	INU0042	PIPE CREEK			39 25,2	66,0	66,*	35,*	45,*	68,*U	0, *U	0,
	ORL0039				85 7,5					*T	,82*T	1,4
BROOKVILLE LAKE	INU3017	EAST FORK OF WHI CR		DAEN ORL	39 14,8	379,0	379,*	120,*	147,*	360,*E	0, *E	0,
	ORL0040	TEWATER RIVER			85 1,0					*N	3,02*N	12,7
COUNTY NAME: FULTON					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
TIPPECANOE	INU0044	TIPPECANOE RIVER			41 6,3	525,0	525,*	16,*	36,*	242,*U	0, *U	0,
	ORL0041				86 12,8					*T	1,43*T	5,2
COUNTY NAME: GREENE					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
KOLEEN NO 1	INU0017	PLUMMEN CK			38 58,7	24,0	24,*	19,*	49,*	40,*U	0, *U	0,
	ORL0043				86 50,1					*T	,13*T	,3
PLUMMER CK	INU0018	PLUMMER CK			38 59,5	60,0	60,*	22,*	41,*	100,*U	0, *U	0,
	ORL0044				86 56,1					*T	,38*T	,8
RICHLAND CK	INU0019	RICHLAND CK			39 1,1	117,0	117,*	29,*	82,*	130,*U	0, *U	0,
	ORL0042				86 55,0					*T	1,02*T	1,6
COUNTY NAME: HAMILTON					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
PERKINSVILLE	INU0024	WEST FK WHITE RI			40 8,5	542,0	542,*	10,*	22,*	69,*U	0, *U	0,
	ORL0045	V			85 53,1					*T	,45*T	2,1

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF INDIANA

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COUNTY NAME: **HANCOCK**					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
BIG BLUE	INU0013	BIG BLUE RIV			39 42,5	242,0	242,	22,	50,	174,U	0, U	0,
	ORL0046				85 38,7					T	1,19 T	3,3
COUNTY NAME: **HENDRICKS**					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
MOORESVILLE	INU0028	WHITE LICK CK			39 36,8	212,0	212,	23,	49,	148,U	0, U	0,
	ORL0047				86 24,2					T	1,47 T	2,8
COUNTY NAME: **HENRY**					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
SPICELAND	INU0014	BIG BLUE RIV			39 51,5	96,0	96,	21,	32,	38,U	0, U	0,
	ORL0048				85 27,8					T	,52 T	1,3
LEWISVILLE	INU0015	FLATROCK CK			39 48,6	42,0	42,	15,	35,	67,U	0, U	0,
	ORL0049				85 21,5					T	,25 T	,4
WESTWOOD RIVER S TR =13	IN00256	WESTWOOD RUN	S R C	BIG BLUE RIV	39 53,6	4,0	4,	57,	0,	5,E	0, E	0,
	ORL0050			CONSY.DIST,	85 26,0					N	,09 N	,1
COUNTY NAME: **HOWARD**					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
KOKOMO WATERWORK S RESERVOIR NO 2	IN00028	WILDCAT CREEK	S	KOKOMO WATER WORKS CO	40 29,3	179,0	179,	57,	50,	6,E	0, E	0,
	ORL0051				86 3,0					N	2,31 N	5,0
COUNTY NAME: **HUNTINGTON**					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
HUNTINGTON LAKE	IN03006	WABASH RIVER	C R	DAEN ORL	40 54,4	707,0	707,	43,	84,	153,E	0, E	0,
	ORL0052				85 28,1					N	3,71 N	12,2

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF INDIANA

(07/09/79)

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COUNTY NAME: JACKSON					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
MILLPORT	INU0007	MUSCATATUCK RIV			38 45,8	1148,0	1148,	16,	30,	803, U	0, U	0,
	ORL0053				86 8,2					T	3.52 T	7,6
COUNTY NAME: JEFFERSON					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
DEPUTY	INU0010	MUSCATATUCK RIV			38 48,4	290,0	290,	29,	69,	212, U	0, U	0,
	ORL0054				85 39,3					T	2,03 T	3,8
COUNTY NAME: JENNINGS					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
NORTH VERNON	INU0008	VERNON FK MUSCAT			39 1,5	103,0	103,	16,	61,	93, U	0, U	0,
	ORL0055	ATUCK RIV			85 36,2					T	,41 T	,7
COUNTY NAME: JOHNSON					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
LAMB LAKE	IN00133	INDIAN CREEK	S R	RUSSELL LAMB	39 21,7	3,0	3,	57,	75,	13, E	0, E	0,
	ORL0056				86 11,5					N	,08 N	,1
COUNTY NAME: KOSCIUSKO					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
WEIMER-BLACK LAKE	IN00240	TR-WEBSTER LAKE	O	IN DEPT NATU	41 20,3	49,0	17,	57,	0,	0, E	0, E	0,
	ORL0057			RAL RES,	85 39,7					N	1,30 N	2,0
COUNTY NAME: LAWRENCE					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
INDIAN CK SITE B	INU0005	INDIAN CK			38 48,8	117,0	117,	22,	80,	160, U	0, U	0,
	ORL0058				86 41,3					T	,63 T	1,0
BUDDHA	INU0006	GUTHRIE CK			38 48,6	93,0	93,	21,	62,	175, U	0, U	0,
	ORL0059				86 25,0					T	,47 T	,8

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF INDIANA

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COUNTY NAME: MADISON					**FERC POWER SUPPLY AREA 12**			**FERC REGIONAL OFFICE CODE CH**				
KILLBUCK CK	INU0026	KILLBUCK CK			40 9,0	93,0	93,*	10,*	28,*	41,*U	0,* U	0,
	ORL0060				85 38,0					*T	,28*T	,5
FORTVILLE	INU0027	FALL CREEK			39 57,2	172,0	172,*	10,*	38,*	76,*U	0,* U	0,
	ORL0061				85 51,9					*T	,36*T	,9
FRANKTON	INU0029	PIPE CREEK			40 13,7	105,0	105,*	10,*	32,*	45,*U	0,* U	0,
	ORL0062				85 45,9					*T	,31*T	,6
COUNTY NAME: MARION					**FERC POWER SUPPLY AREA 12**			**FERC REGIONAL OFFICE CODE CH**				
HIGHLAND LAKE	INU0052	FALL CREEK			39 54,3	779,0	779,*	65,*	72,*	195,*U	0,* U	0,
	ORL0063				85 59,9					*T	4,21*T	18,9
EAGLE CREEK RESE RVOIR	IN00084	EAGLE CREEK	C S R	DEPT PUBLIC WORK INDPLS,	39 49,5	168,0	168,*	57,*	75,*	66,*E	0,* E	0,
	ORL0064				86 18,5					*N	2,05*N	4,1
GEIST RESERVOIR	IN00356	FALL CREEK	S	INDPLS, WATE	39 54,6	215,0	215,*	23,*	30,*	27,*E	0,* E	0,
	ORL0065			R CO,	85 59,2					*N	1,51*N	2,9
COUNTY NAME: MARTIN					**FERC POWER SUPPLY AREA 12**			**FERC REGIONAL OFFICE CODE CH**				
SHOALS	INU0003	EAST FK WHITE RI			38 41,5	4930,0	4930,*	10,*	80,*	192,*U	0,* U	0,
	ORL0066	V			86 47,7					*T	5,22*T	22,6
LOST RIV	INU0004	LOST RIV			38 32,6	352,0	352,*	22,*	61,*	450,*U	0,* U	0,
	ORL0067				86 47,5					*T	3,35*T	6,2
SWC DIST DAM =2	IN00065	SEED TICK CREEK	C	SOIL-WATER C ONSY,DIST,	38 46,4	8,0	9,*	57,*	55,*	2,*E	0,* E	0,
	ORL0068				86 53,6					*N	,14*N	,3

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IN THE STATE OF INDIANA

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COUNTY NAME: MIAMI					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
DENVER	INU0043	EEL RIVER			40 51.4	680.0	680.	26.	43.	263.	U 0.	U 0.
	ORL0069				86 5.1						T 3.26	T 9.5
MISSISSINEWA LAKE	IN03004	MISSISSINEWA RIV	CR	DAEN ORL	40 43.4	809.0	809.	73.	122.	368.	E 0.	E 0.
	ORL0070	ER			85 57.5						N 4.11	N 16.6
COUNTY NAME: MONROE					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
LAKE LEMON	IN00010	BEAN BLOSSOM CRE	S R	CITY OF BLOO	39 16.5	71.0	71.	57.	50.	5.	E 0.	E 0.
	ORL0071	EK		MINGTON	86 25.5						N 1.52	N 2.4
MONROE LAKE	IN03001	SALT CREEK	C R	DAEN ORL	39 .4	441.0	441.	57.	75.	441.	E 0.	E 0.
	ORL0072				86 30.7						N 3.47	N 7.5
COUNTY NAME: MONTGOMERY					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
WALNUT FK	INU0030	WALNUT FK			40 3.3	90.0	90.	10.	48.	22.	U 0.	U 0.
	ORL0073				86 52.0						T .30	T .5
CRAWFORDSVILLE	INU0037	SUGAR CREEK			40 5.4	423.0	423.	32.	51.	103.	U 0.	U 0.
	ORL0074				86 50.0						T 2.43	T 5.9
COUNTY NAME: MORGAN					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
MARTINSVILLE	INU0023	INDIAN CK			39 21.7	90.0	90.	28.	52.	154.	U 0.	U 0.
	ORL0075				86 23.3						T .78	T 1.3
COUNTY NAME: NOBLE					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
NORTHPORT FEEDER DAM	IN00383	TR-N BRANCH ELKH	R	DNR	41 30.0	33.8	29.	17.	20.	9.	E 0.	E 0.
	NCE0004	ART			85 24.0						N .09	N .3

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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: ORANGE					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
SWC DIST FRENCHL ICK F\7	IN00076 ORL0076	FRENCH LICK CREE K	R C	SPRING VALLE Y CONSY DIST	38 28.9 86 34.2	7.0	7.	57.	75.	7. 	E N	0. .17	E N	0. .3
COUNTY NAME: PARKE					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
ANNAPOLIS	IN00034 ORL0077	SUGAR CREEK			39 51.6 87 17.7	786.0	786.	40.	80.	283.	U T	0. 2.66	U T	0. 10.3
CECIL M HARDEN L AKE	IN03003 ORL0078	RACCOON CREEK	C R	DAEN ORL	39 43.1 87 4.3	216.0	216.	70.	99.	133.	E N	0. 3.34	E N	0. 6.8
COUNTY NAME: PERRY					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
SALINDA LAKE	IN00176 ORL0079	WINDING BR OF MI DDLE FORK	R C	MIDDLE FORK ANDERSON R	38 10.4 86 8.1	4.0	4.	57.	75.	6.	E N	0. .12	E N	0. .2
SADDLE LAKE	IN03014 ORL0080	THEIS CREEK	C R	MIDDLE FORK WATERSHED CO	38 3.8 86 40.0	4.0	4.	57.	51.	1.	E N	0. .12	E N	0. .2
CELINA LAKE	IN03016 ORL0081	WINDING BRANCH	C R	MIDDLE FORK WATERSHED CO	38 11.0 86 37.8	4.0	4.	43.	76.	5.	E N	0. .09	E N	0. .1
COUNTY NAME: PIKE					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
PETERSBURG	IN00048 ORL0082	WHITE RIVER			38 30.1 87 17.3	11100.0	11519.	45.	28.	0.	U T	0. 160.22	U T	0. 347.8
COUNTY NAME: PUTNAM					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
BIG WALNUT CR	IN00020 ORL0083	BIG WALNUT CR			39 41.4 86 48.2	210.0	210.	26.	62.	172.	U T	0. 1.67	U T	0. 2.8

LEGEND

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF INDIANA

(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: PUTNAM					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
BANARD NO 2	INU0021	BIG WALNUT CK			39 49.8	131.0	131.	22.	42.	50. U	0. U	0.
	ORL0084				86 43.2					T	.82 T	1.4
HERITAGE LAKE	IN00222	CLEAR CREEK	R	AMERICAN CEN	39 43.1	7.0	9.	48.	0.	11. E	0. E	0.
	ORL0085			TRAL CORP	86 42.7					N	.14 N	.2
CAGLES MILL LAKE	IN03002	MILL CREEK	CR	DAEN ORL	39 29.3	295.0	295.	56.	124.	228. E	0. E	0.
	ORL0086				86 55.0					N	3.24 N	7.1
COUNTY NAME: RANDOLPH					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
PARKER CITY	INU0025	WEST FK WHITE RI			40 10.0	169.0	169.	10.	37.	90. U	0. U	0.
	ORL0087	V			85 13.2					T	.32 T	.7
COUNTY NAME: RIBLEY					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
HOLTON	INU0009	OTTER CK			39 5.2	34.0	34.	25.	55.	17. U	0. U	0.
	ORL0088				85 24.1					T	.32 T	.4
VERSAILLES LAKE	IN00021	LAUGHERY CREEK	R S	DEPT OF NAT	39 4.5	168.0	168.	57.	52.	3. E	0. E	0.
	ORL0089			RESOURCES	85 14.4					N	2.37 N	5.2
COUNTY NAME: SHELBY					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
LIT BLUE RIV NO 2	INU0012	LIT BLUE RIV			39 35.0	93.0	93.	41.	44.	32. U	0. U	0.
	ORL0090				85 41.2					T	1.17 T	1.9
COUNTY NAME: ST JOSEPH					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
TWIN BRANCH	IN03011	ST JOSEPH	H	IND + MICH E	41 42.0	3501.0	3200.	31.	37.	0. E	7.26 E	22.0
	NCE0005			LECTRIC CO.	86 6.0					N	9.60 N	49.0

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF INDIANA

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COUNTY NAME: SULLIVAN					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
TURMAN CREEK	INU0035	TURMAN CREEK			39 8.3	85.0	85.	10.	22.	20. *U	0. *U	0.
	ORL0091				87 35.2					*T	.28*T	.6
COUNTY NAME: TIPPECANOE					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
LAFAYETTE	INU0032	WILDCAT CK			40 26.2	787.0	787.	10.	75.	333. *U	0. *U	0.
	ORL0092				86 48.4					*T	2.42*T	4.6
COUNTY NAME: VERMILLION					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
BROUILLETTS CREEK	INU0033	BROUILLETTS CREEK			39 37.5	300.0	300.	26.	62.	169. *U	0. *U	0.
	ORL0093	K			87 26.9					*T	1.66*T	4.3
LIT VERMILION RIV	INU0036	LIT VERMILION RIV			39 53.2	231.0	231.	31.	96.	168. *U	0. *U	0.
	ORL0094	V			87 27.5					*T	1.87*T	3.6
CLINTON	INU0049	WABASH RIVER			39 39.7	11500.0	11500.	45.	62.	290. *U	0. *U	0.
	ORL0095				87 23.7					*T	135.12*T	306.4
COUNTY NAME: WABASH					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
SALAMONIE LAKE	IN03005	SALAMONIE RIVER	C R	DAEN ORL	40 48.5	553.0	553.	72.	114.	264. *E	0. *E	0.
	ORL0096				85 40.8					*N	3.71*N	12.3
COUNTY NAME: WARREN					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
BIG PINE	INU0031	BIG PINE CK			40 24.0	326.0	326.	84.	150.	117. *U	0. *U	0.
	ORL0097				87 20.4					*T	2.35*T	9.5

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF INDIANA

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 12		FERC REGIONAL OFFICE CODE CH					
TWIN RUSH STR.=3	IN00242	RUSH CREEK	C	TWIN-RUSH CK CONSY DIST.	38 40.4 86 10.0	5.0	5.	57.	0.	2.E N	0. E .11 N	0. .2
	ORL0098											
COUNTY NAME: **WHITE**					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
NORWAY DAM	IN00452	TIPPECANOE RIVER	HR	NORTH IN PUB SERVICE CO	40 45.8 86 45.6	2200.0	2200.	57.	0.	25.E N	6.72 E 21.82 N	25.0 49.5
	ORL0099											

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STATE OF IOWA

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

HEAD (FEET)		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST INST CAP	EXIST INCR CAP	UNDEV POTEN CAP	TOTAL CAP	EXIST INST CAP	EXIST INCR CAP	UNDEV POTEN CAP	TOTAL CAP	EXIST INST CAP	EXIST INCR CAP	UNDEV POTEN CAP	TOTAL CAP	EXIST INST CAP	EXIST INCR CAP	UNDEV POTEN CAP	TOTAL CAP
0-19	NUMBER	3	5	7	12	0	1	0	1	0	9	0	9	3	15	7	22
	CAPCTY	6.9	16.9	14.2	31.2	0.0	21.1	0.0	21.1	0.0	606	0.0	606	6.9	644	14.2	658
	ENERGY	36.0	57.5	40.1	97.7	0.0	39.1	0.0	39.1	0.0	2404	0.0	2404	36.0	2501	40.1	2541
20-49	NUMBER	0	17	22	39	0	0	0	0	1	1	2	3	1	18	24	42
	CAPCTY	0.0	7.5	38.4	46.0	0.0	0.0	0.0	0.0	128	347	80.4	427	128	354	119	473
	ENERGY	0.0	16.2	109	125	0.0	0.0	0.0	0.0	805	824	176	1001	805	841	285	1126
50-99	NUMBER	0	3	8	11	0	0	0	0	0	2	1	3	0	5	9	14
	CAPCTY	0.0	3.9	14.6	18.6	0.0	0.0	0.0	0.0	0.0	115	109	224	0.0	119	124	243
	ENERGY	0.0	7.1	50.2	57.4	0.0	0.0	0.0	0.0	0.0	239	232	471	0.0	247	282	529
>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	3	25	37	62	0	1	0	1	1	12	3	15	4	38	40	78
	CAPCTY	6.9	28.4	67.3	95.8	0.0	21.1	0.0	21.1	128	1068	190	1257	135	1117	257	1374
	ENERGY	36.0	80.9	200	281	0.0	39.1	0.0	39.1	805	3468	408	3876	841	3588	608	4196

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 IOWA

(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: ADAIR					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
FONTANELLE RES	IA00057	WEST FORK			40 16.9	99.0	40.	32.	43.	66.	U 0.	U 0.
	MRK0002				94 38.2						T .52	T .6
GREENFIELD RES	IA00059	EAST MIDDLE NODA			41 18.9	37.0	15.	40.	53.	32.	U 0.	U 0.
	MRK0003	WAY RIVER			94 30.7						T .19	T .3
COUNTY NAME: ADAMS					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
MT ETNA RES	IA00062	MIDDLE NODAWAY R			41 5.4	248.0	100.	63.	85.	179.	U 0.	U 0.
	MRK0004	IVER			94 47.5						T 1.79	T 3.1
PRESCOTT RES	IA00064	EAST NODAWAY RIV			41 3.3	106.0	43.	38.	51.	71.	U 0.	U 0.
	MRK0005	ER			94 33.3						T .76	T .8
COUNTY NAME: APPANOOSE					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
RATHBUN LAKE	IA00016	CHARITON RIVER	CNRS	DAEN MRK	40 49.7	549.0	284.	60.	81.	552.	E 0.	E 0.
	MRK0006				92 52.6						N 2.94	N 5.5
COUNTY NAME: AUDUBON					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
BLUEGRASS DAM	IA00005	NISHNABOTNA RIVE			41 46.0	11.0	4.	40.	45.	16.	U 0.	U 0.
	MRU0107	R			94 54.0						T .06	T .1
DAVIDS CREEK DAM	IA00010	NISHNABOTNA RIVE			41 36.0	57.0	25.	57.	62.	60.	U 0.	U 0.
	MRU0108	R			94 48.0						T .43	T .8
COUNTY NAME: BLACK HAWK												
IA NO NAME 693	IA01213	CEDAR RIVER	R	CITY OF CEDA	42 32.5	4780.0	2544.	9.	0.	1.	E 0.	E 0.
	NCR0020			R FALLS	92 26.8						N 4.25	N 13.3

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF IOWA

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COUNTY NAME: BOONE												
IA NO NAME 45	IA00134	BLUFF CREEK	R	COUNTY CONSE	42 6.8	25.0	10.	40.	0.	4.	0. E	0. E
	NCR0021			RV BOARD	94 1.0						.15 N	.2
COUNTY NAME: CASS					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
LAKE ANITA	IA01336	TR-TURKEY CREEK	RS		41 25.8	39.0	17.	41.	46.	4.	0. E	0. E
	MR00109				94 47.1						.21 N	.4
COUNTY NAME: CEDAR					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
ROCHESTER	IAU0089	CEDAR RIVER			41 40.0	7205.0	3613.	47.	0.	0. U	0. U	0.
	NCR0064				91 20.0					T	45.31 T	111.6
COUNTY NAME: CLAYTON					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
ELKPORT	IAU0079	VOLGA RIVER			42 40.0	404.0	278.	8.	0.	0. U	0. U	0.
	NCR0065				91 30.0					T	.37 T	1.1
MILLVILLE	IAU0087	TURKEY RIVER			43 0.	1680.0	977.	60.	60.	0. U	0. U	0.
	NCR0066				91 0.					T	5.55 T	25.7
COUNTY NAME: CLINTON												
MISSISSIPPI RIVE R LOCK + DAM '13	IA00005	MISSISSIPPI RIVE	N	DAEN NCH	41 53.9	85600.0	47527.	9.	21.	192. E	0. E	0.
	NCR0022		R		90 9.4					N	74.06 N	295.7
COUNTY NAME: CRAWFORD					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
HARLAN DAM	IAU0008	NISHNABOTNA RIVE			41 42.0	142.0	43.	45.	50.	163. U	0. U	0.
	MR00110		R		95 18.0					T	.50 T	1.0

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF IOWA

(07/09/79)

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COUNTY NAME: DALLAS					FERC POWER SUPPLY AREA 17		FERC REGIONAL OFFICE CODE CH					
ADEL	IA00068	RACCOON RIVER			41 40.0	2281.0	873.	25.	0.	0. *U	0. *U	0.
	NCR0067				94 10.0					*T	3.60*T	10.8
VAN METER	IA00091	SOUTH RACCOON RI			41 30.0	1150.0	519.	30.	0.	0. *U	0. *U	0.
	NCR0068	VER			94 0.					*T	2.70*T	7.5
COUNTY NAME: DELAWARE												
IA NO NAME 714	IA01297	MAQUOKETA RIVER	R	LAKE DELHI R	42 24.4	347.0	239.	34.	0.	2. *E	0. *E	0.
	NCR0023			ECREATION AS	91 20.7					*N	1.66*N	4.3
COUNTY NAME: DES MOINES												
MISSISSIPPI RIVE R LOCK + DAM '18	IA00010	MISSISSIPPI RIVE	N	DAEN NCR	40 53.0	113600.0	60254.	8.	21.	90. *E	0. *E	0.
	NCR0024	R			91 1.6					*N	83.91*N	332.6
IA NO NAME 764	IA01347	TR-SKUNK RIVER	R	STATE CONSER	40 48.5	16.0	10.	30.	0.	6. *E	0. *E	0.
	NCR0025			V COMMISSION	91 23.5					*N	.09*N	.1
COUNTY NAME: DUBUQUE												
MISSISSIPPI RIVE R LOCK + DAM '11	IA00003	MISSISSIPPI RIVE	N	DAEN NCR	42 32.5	81600.0	40566.	9.	20.	170. *E	0. *E	0.
	NCR0026	R			90 38.5					*N	64.97*N	247.8
COUNTY NAME: FAYETTE					FERC POWER SUPPLY AREA 17		FERC REGIONAL OFFICE CODE CH					
ELDORADO	IA00078	TURKEY RIVER			43 0.	633.0	341.	8.	0.	0. *U	0. *U	0.
	NCR0069				91 50.0					*T	.29*T	1.1

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(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF IOWA

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: **GUTHRIE**												
IA NO NAME 232	IA00415	MIDDLE RACCOON R	R	MID-IOWA LAK	41 41,8	434.0	196,*	49,*	0,*	24,*E	0, *E	0,
	NCR0027	IVER		ES CORP,	94 23,0					*N	2.20*N	5,1
COUNTY NAME: **HAMILTON**				FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH					
WEBSTER CITY	IAU0092	BOONE RIVER			42 30,0	770,0*	340,*	30,*	8,*	0,*U	0, *U	0,
	NCR0028				93 50,0					*T	2,33*T	5,1
IA NO NAME 247	IA00437	TR-BOONE RIVER	R	COUNTY CONSE	42 26,1	70,0*	30,*	28,*	0,*	2,*E	0, *E	0,
	NCR0029			RV BOARD	93 47,9					*N	,30*N	,5
COUNTY NAME: **HARDIN**												
IA NO NAME 251	IA00441	PINE CREEK	R	STATE CONSER	42 22,3	15,0*	9,*	32,*	0,*	2,*E	0, *E	0,
	NCR0030			V COMMISSION	93 3,7					*N	,08*N	,1
COUNTY NAME: **JACKSON**				FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH					
CANTON	IAU0073	MAQUOKETA RIVER			42 10,0	753,0*	493,*	16,*	0,*	0,*U	0, *U	0,
	NCR0031				91 0,					*T	1,58*T	4,7
GRANT CITY	IAU0083	RACCOON RIVER			42 25,0	870,0*	295,*	32,*	0,*	0,*U	0, *U	0,
	NCR0032				95 0,					*T	2,10*T	4,9
HERON LAKE	IAU0084	WEST FORK DES MO			43 50,0	970,0*	198,*	21,*	0,*	0,*U	0, *U	0,
	NCR0033	INES RIVER			95 30,0					*T	1,12*T	2,2
SPRAGUEVILLE	IAU0090	MAQUOKETA RIVER			42 0,	1694,0*	1110,*	40,*	60,*	0,*U	0, *U	0,
	NCR0034				90 30,0					*T	6,16*T	24,5
MISSISSIPPI RIVE R LOCK + DAM '12	IA00004	MISSISSIPPI RIVE	N	DAEN NCR	42 15,7	82400,0*	45750,*	6,*	21,*	92,*E	0, *E	0,
	NCR0035	R	R		90 25,2					*N	44,83*N	187,6

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF IOWA

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: JACKSON												
IA NO NAME 302	IA00522	LYTLE CREEK	R	LEISURE LAKE	42 13.8	75.0	50.	47.	0.	3.E	0. E	0.
	NCR0036			INC.	90 46.5					N	.61 N	1.2
IA NO NAME 719	IA01302	SOUTH FORK MAQUO	R	IA ELEC LIGH	42 4.1	1550.0	1015.	20.	25.	1.E	1.20 E	5.0
	NCR0037	KETA RIVER		T + POWER CO	90 41.8					N	2.15 N	6.6
COUNTY NAME: JASPER												
IA NO NAME 324	IA00537	ROCK CREEK	R	STATE CONSER	41 44.0	41.0	24.	28.	0.	13.E	0. E	0.
	NCR0038			V COMMISSION	92 51.4					N	.19 N	.3
COUNTY NAME: JOHNSON												
IOWA CITY MILLDAM	IA00066	IOWA RIVER			41 40.0	3271.0	1640.	10.	0.	0. U	0. U	0.
	NCR0039				91 30.0					T	4.62 T	10.9
CORALVILLE DAM RESERVOIR	IA00012	IOWA RIVER	CR	DAEN NCR	41 43.5	3084.0	1546.	58.	78.	585.E	0. E	0.
	NCR0040				91 31.7					N	26.16 N	59.9
IA NO NAME 702	IA01275	IOWA RIVER	R	COUNTY CONSE	41 40.4	3200.0	1604.	16.	0.	2.E	0. E	0.
	NCR0041			RV BOARD	91 33.9					N	3.25 N	13.3
IA NO NAME 769	IA01352	MILL CREEK	R	STATE CONSER	41 47.5	27.0	17.	32.	0.	13.E	0. E	0.
	NCR0042			V COMMISSION	91 34.5					N	.16 N	.3
COUNTY NAME: JONES				FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH					
CLAY MILLS	IA00075	MAQUOKETA RIVER			42 15.0	748.0	490.	38.	0.	0. U	0. U	0.
	NCR0074				90 55.0					T	3.04 T	10.7
CRAB HILL	IA00076	NORTH FORK MAQUO			42 10.0	364.0	248.	8.	0.	0. U	0. U	0.
	NCR0075	KETA RIVER			90 45.0					T	.34 T	1.0

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF IOWA

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: **LEE**					FERC POWER SUPPLY AREA 15			FERC REGIONAL OFFICE CODE CH				
AUGUSTA	IA00070	SKUNK RIVER			40 30,0	4290.0	2332.	43.	0.	0.*U	0. *U	0.
	NCR0043				91 30,0					*T	35.11*T	64.5
BELFAST	IA00071	DES MOINES RIVER			40 40,0	14340.0	5634.	62.	0.	0.*U	0. *U	0.
	NCR0044				91 40,0					*T	109.18*T	231.9
MISSISSIPPI RIVE R LOCK + DAM '19	IA00011	MISSISSIPPI RIVE	H N	DAEN NCR, UN ION ELECT CO	40 23,9	119000.0	63118.	36.	48.	292.*E	128.00*E	805.0
	NCR0045	R			91 21,8					*N	346.78*N	824.4
COUNTY NAME: **LINN**					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
CENTRAL CITY	IA00074	WAPSIPINICON RIV			42 0,	1273.0	638.	46.	0.	0.*U	0. *U	0.
	NCR0046	ER			91 40,0					*T	3.43*T	14.5
IA NO NAME 697	IA01270	CEDAR RIVER	S	IA ELEC LIGH T + POWER CO	41 56,6	6520.0	3269.	5.	7.	1.*E	0. *E	0.
	NCR0047				91 37,6					*N	3.78*N	10.7
COUNTY NAME: **LOUISA**												
MISSISSIPPI RIVE R LOCK + DAM '17	IA00009	MISSISSIPPI RIVE	N	DAEN NCR	41 11,5	99600.0	52828.	4.	20.	50.*E	0. *E	0.
	NCR0048	R			91 3,6					*N	35.43*N	144.6
COUNTY NAME: **MARION**					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
PELLA	IA00088	SKUNK RIVER			41 30,0	1555.0	767.	27.	0.	0.*U	0. *U	0.
	NCR0049				93 0,					*T	2.39*T	9.4
RED ROCK DAM + L AKE RED ROCK	IA00013	DES MOINES RIVER	CR	DAEN NCR	41 22,2	12323.0	4600.	58.	79.	1830.*E	0. *E	0.
	NCR0050				92 58,6					*N	88.76*N	179.5

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF IOWA

(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: MILLS					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
SILVER CREEK DAM	IA00007	NISHNABOTNA RIVE			41 12.0	195.0	68.	64.	69.	194.	U 0.	U 0.
	MR00111	R			95 36.0						T 1.05	T 2.0
PONY CREEK LAKE	IA00675	PONY CREEK	CO	$ C DIS,PCDD	41 4.2	29.0	11.	55.	60.	4.	E 0.	E 0.
	MR00112			2 + 8D OF SU	95 47.4						N .12	N .2
COUNTY NAME: MONTGOMERY					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
GRAYBILL DAM	IA00006	NISHNABOTNA RIVE			41 18.0	99.0	34.	64.	69.	112.	U 0.	U 0.
	MR00113	R			95 18.0						T .53	T 1.0
GRANT RES	IA00058	WEST NODAWAY RIV			41 9.3	127.0	51.	41.	55.	85.	U 0.	U 0.
	MRK0007	ER			94 58.4						T .43	T .8
MORTON MILLS RES	IA00061	SEVEN MILE CREEK			41 7.8	116.0	47.	42.	57.	77.	U 0.	U 0.
	MRK0008				95 .9						T .41	T .8
COUNTY NAME: MUSCATINE												
MISSISSIPPI RIVE R LOCK + DAM '16	IA00008	MISSISSIPPI RIVE	N	DAEN NCR	41 25.6	99400.0	55169.	7.	21.	88.	E 0.	E 0.
	NCR0051	R			91 .6						N 65.51	N 266.0
COUNTY NAME: PAGE					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
AVOCA DAM	IA00009	NISHNABOTNA RIVE			41 30.0	200.0	61.	62.	67.	203.	U 0.	U 0.
	MR00114	R			95 18.0						T .96	T 1.9
SHAMBAUGH RES	IA00065	EAST NODAWAY RIV			40 39.3	226.0	92.	45.	61.	153.	U 0.	U 0.
	MRK0009	ER			94 59.9						T 1.14	T 1.6

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF IOWA

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: **PLYMOUTH**					FERC POWER SUPPLY AREA 17		FERC REGIONAL OFFICE CODE CH					
PERRY CREEK DAM	IA00002	PERRY CREEK			42 34,2	54,0	13,*	99,*	104,*	72,*U	0, *U	0,
	MR00115				96 22,8					*T	,30*T	,4
COUNTY NAME: **POLK**					FERC POWER SUPPLY AREA 17		FERC REGIONAL OFFICE CODE CH					
JEFFERSON	IA00085	RACCOON RIVER			42 5,0	1552,0*	629,*	67,*	67,*	0,*U	0, *U	0,
	NCR0052				94 30,0					*T	4,05*T	15,3
BIG CREEK DIVERSION DAM	IA00014	BIG CREEK	C	DAEN NCR	41 47,5	76,0*	36,*	49,*	66,*	36,*E	0, *E	0,
	NCR0053				93 43,5					*N	,62*N	1,0
BIG CREEK TERMINAL DAM	IA00015	BIG CREEK DIVERS	O	DAEN NCR	41 47,1	76,0*	36,*	71,*	95,*	28,*E	0, *E	0,
	NCR0054	ION			93 44,2					*N	,90*N	1,5
IA NO NAME 500	IA00919	TR-SKUNK RIVER	R	J E MELINE T	41 45,0	25,0*	15,*	43,*	57,*	1,*E	0, *E	0,
	NCR0055			HEO J HERMAN	93 25,6					*N	,18*N	,3
IA NO NAME 705	IA01286	DES MOINES RIVER	R	CITY OF DES	41 35,6	6245,0*	2057,*	14,*	0,*	3,*E	0, *E	0,
	NCR0056			MOINES	93 37,0					*N	3,55*N	13,7
COUNTY NAME: **POWESHIEK**												
IA NO NAME 549	IA00972	TR-MOON CREEK	R	COUNTY + JOH	41 34,6	7,0*	4,*	43,*	0,*	36,*E	0, *E	0,
	NCR0057			N L AHRENS	92 34,4					*N	,05*N	,1
COUNTY NAME: **RINGGOLD**					FERC POWER SUPPLY AREA 17		FERC REGIONAL OFFICE CODE CH					
NEW MARKET DAMSITE	IA00063	WEST FORK 102 CR			40 42,8	192,0*	99,*	38,*	52,*	143,*U	0, *U	0,
	MRK0010	EEK			94 51,8					*T	,95*T	1,2

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF IOWA

(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 17		FERC REGIONAL OFFICE CODE CH					
BIG ROCK	IA00072	WAPSIPINICON RIV			41 50,0	2066,0	1353,	15,	0,	0,	0,	0,
	NCR0058	ER			90 50,0					T	3,46	11,7
MISSISSIPPI RIVE R LOCK + DAM '14	IA00006	MISSISSIPPI RIVE R	N	DAEN NCR	41 34,3	86400,0	49081,	10,	20,	82, E	0,	0,
	NCR0059	R			90 23,9					N	85,42	339,6
MISSISSIPPI RIVE R LOCK + DAM '15	IA00007	MISSISSIPPI RIVE R	N	DAEN NCR	41 31,2	88500,0	49137,	13,	32,	30, E	2,75	20,0
	NCR0060	R			90 34,0					N	112,41	425,0
COUNTY NAME: SHELBY					FERC POWER SUPPLY AREA 17		FERC REGIONAL OFFICE CODE CH					
PRAIRIE ROSE LAK E	IA01008	TR-EAST BR WEST	R	STATE CONSER	41 36,5	189,0	58,	47,	53,	4, E	0,	0,
	MR00116	NISHNABOTNA		V COMMISSION	95 13,8					N	,69	1,4
COUNTY NAME: STORY												
DELTA	IA00077	NORTH SKUNK RIVE			41 15,0	630,0	369,	36,	0,	0, U	0,	0,
	NCR0070	R			92 15,0					T	2,54	6,1
GILBERT	IA00081	SQUAW CREEK			42 0,	173,0	82,	30,	0,	0, U	0,	0,
	NCR0071				93 50,0					T	,85	1,4
GLASCOW	IA00082	CEDAR CREEK			40 50,0	405,0	236,	47,	0,	0, U	0,	0,
	NCR0072				91 45,0					T	2,35	3,9
COUNTY NAME: TAMA												
IA NO NAME 588	IA01032	OTTER CREEK	R	COUNTY CONSE	42 3,1	28,0	16,	40,	0,	2, E	0,	0,
	NCR0061			RV BOARD	92 31,5					N	,18	,3

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF IOWA

(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)	ENERGY (GWH)
COUNTY NAME: TAYLOR							FERC POWER SUPPLY AREA 17		FERC REGIONAL OFFICE CODE CH			
LENOX DAMSITE	IAU0060	PLATTE RIVER			40 27.4	170.0	88.	35.	48.	127. (3)	0. (U)	0.
	MRK0011				94 26.8						.88 (T)	1.0
COUNTY NAME: WAPELLO												
IA NO NAME 733	IA01316	DES MOINES RIVER	SH	CITY OF OTTU	41 1.0	13200.0	5009.	15.	0.	5. (E)	3.00 (E)	11.0
	NCK0062			MWA	92 24.6						21.11 (N)	39.1
COUNTY NAME: WASHINGTON												
IA NO NAME 798	IA01381	TR-SKUNK RIVER	R	STATE CONSER	41 12.3	19.0	12.	32.	0.	8. (E)	0. (E)	0.
	NCR0063			V COMMISSION	91 54.5						.11 (N)	.2
COUNTY NAME: WEBSTER							FERC POWER SUPPLY AREA 17		FERC REGIONAL OFFICE CODE CH			
FT DODGE	IAU0080	DES MOINES RIVER			42 30.0	3770.0	1225.	14.	0.	0. (U)	0. (U)	0.
	NCK0073				94 20.0						3.61 (T)	9.6
COUNTY NAME: WINNESHIEK							FERC POWER SUPPLY AREA 17		FERC REGIONAL OFFICE CODE CH			
IA NO NAME 703	IA01288	UPPER IOWA RIVER	R	IOWA CONSERV	43 18.0	570.0	0.	23.	29.	1. (E)	0. (E)	0.
	NCS0001			ATION COMMIS	91 42.0						.07 (N)	.3

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STATE OF KENTUCKY

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

HEAD INCREMENT	CUMULATIVE TAILWATER ELEVATION	POTENTIAL INCREMENTAL CAPACITY RANGES															
		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST 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	3	0	3	0	2	0	2	0	18	1	19	0	23	1	24
	CAPCTY	0.0	9.7	0.0	9.7	0.0	47.5	0.0	47.5	0.0	5811	867	4678	0.0	3869	867	4736
	ENERGY	0.0	40.9	0.0	40.9	0.0	87.7	0.0	87.7	0.0	10314	3005	13319	0.0	10443	3005	13448
20-49	NUMBER	0	10	17	27	0	0	0	0	0	4	5	9	0	14	22	36
	CAPCTY	0.0	8.6	28.5	37.1	0.0	0.0	0.0	0.0	0.0	2393	2817	5210	0.0	2402	2846	5248
	ENERGY	0.0	17.4	62.6	80.1	0.0	0.0	0.0	0.0	0.0	6678	8192	14870	0.0	6696	8255	14950
50-99	NUMBER	0	36	6	42	0	0	0	0	1	6	2	8	1	42	8	50
	CAPCTY	0.0	37.3	22.1	59.5	0.0	0.0	0.0	0.0	130	645	133	779	130	683	156	838
	ENERGY	0.0	99.4	58.6	158	0.0	0.0	0.0	0.0	762	1168	225	1393	762	1267	284	1551
>100	NUMBER	0	3	0	3	0	0	0	0	3	2	2	4	3	5	2	7
	CAPCTY	0.0	8.3	0.0	8.3	0.0	0.0	0.0	0.0	506	2309	168	2476	506	2317	168	2485
	ENERGY	0.0	25.4	0.0	25.4	0.0	0.0	0.0	0.0	1497	6388	275	6662	1497	6413	275	6688
TOTAL	NUMBER	0	52	23	75	0	2	0	2	4	30	10	40	4	84	33	117
	CAPCTY	0.0	64.1	50.7	115	0.0	47.5	0.0	47.5	636	9159	3985	13144	636	9271	4036	13307
	ENERGY	0.0	183	121	305	0.0	87.7	0.0	87.7	2259	24547	11697	36245	2259	24818	11819	36637

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 KENTUCKY

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 19		FERC REGIONAL OFFICE CODE CH					
BEAVER LAKE	KY00052 ORL0100	BEAVER CREEK	R	COMMONWEALTH OF KENTUCKY	37 57,7 / 85 1,4	3,0	4,*	73,*	58,*	4,*E / *N	0, *E / ,10*N	0, / ,2
KENTUCKY RIVER LOCK + DAM 05	KY03017 ORL0101	KENTUCKY RIVER	N	DAEN ORL	38 3,1 / 84 49,8	5225,0	7838,*	15,*	15,*	0,*E / *N	0, *E / 36,53*N	0, / 68,7
COUNTY NAME: BALLARD					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
MOUND CITY L+D	KY00022 ORL0102	OHIO RIVER			37 4,8 / 89 9,4	203915,0	300000,*	25,*	31,*	0,*U / *T	0, *U / 1621,86*T	0, / 4832,5
OHIO RIVER LOCK + DAM 53	KY03042 ORL0103	OHIO RIVER	N	DAEN ORL	37 11,9 / 89 2,2	203100,0	304700,*	13,*	13,*	0,*E / *N	0, *E / 840,00*N	0, / 2502,8
COUNTY NAME: BARREN					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
BARREN RIVER LAKE	KY03009 ORL0104	BARREN RIVER	CR	DAEN ORL	36 53,8 / 86 7,5	940,0	1410,*	80,*	123,*	815,*E / *N	0, *E / 40,67*N	0, / 77,4
COUNTY NAME: BATH					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
CAVE RUN LAKE	KY03055 ORL0105	LICKING RIVER	CR	DAEN ORL	38 7,1 / 83 32,0	826,0	1239,*	90,*	125,*	614,*E / *N	0, *E / 34,24*N	0, / 60,3
COUNTY NAME: BELL					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE AT					
KETTLE ISLAND DAM	KY00040 ORN0022	STRAIGHT CREEK	HR	CORPS	36 47,3 / 83 35,6	46,0	88,*	76,*	102,*	0,*E / *N	0, *E / 2,03*N	0, / 3,8
CANNON CK LAKE	KY00061 ORN0023	CANNON CK	S	COMMONWEALTH OF KENTUCKY	36 41,1 / 83 41,5	5,0	7,*	92,*	125,*	17,*E / *N	0, *E / ,18*N	0, / ,4

LEGEND

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF KENTUCKY

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: BELL					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE AT					
PINE MOUNTAIN ST	KYU0082	CLEAR CK	R	COMMONWEALTH	36 44.5	29.0	55.	15.	20.	0.	E 0.	E 0.
ATE PARK LAKE	ORN0024			OF KENTUCKY	83 41.6						N .25	N .5
COUNTY NAME: BOURBON					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE CH					
HINCKSTON CREEK	KYU0003	HINCKSTON CREEK			38 16.8	174.0	261.	35.	45.	126.	U 0.	U 0.
	ORL0106				84 17.2						T 1.70	T 2.7
COUNTY NAME: BRACKEN					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE NY					
CAPTAIN ANTHONY	KYU0092	OHIO RIVER	NR	DAEN ORH	38 47.6	70808.0	91890.	30.	0.	0.	E 0.	E 0.
MELDAHL L+D	ORH0001				84 10.3						N 758.64	N 2219.9
COUNTY NAME: BREATHITT					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE CH					
TROUBLESOME CK	KYU0013	TROUBLESOME CK			37 28.9	201.0	302.	35.	45.	112.	U 0.	U 0.
	ORL0107				83 19.8						T 2.20	T 4.9
COUNTY NAME: BRECKINRIDGE					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
ROUGH RIVER LAKE	KY03012	ROUGH RIVER	CR	DAEN ORL	37 37.2	454.0	681.	73.	105.	334.	E 0.	E 0.
	ORL0108				86 30.0						N 3.76	N 14.8
COUNTY NAME: BUTLER					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
ROCHESTER	KYU0024	GREEN RIVER			37 12.6	5765.0	8650.	30.	38.	781.	U 0.	U 0.
	ORL0109				86 54.0						T 83.26	T 177.7

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF KENTUCKY

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: **CAMPBELL**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
POOLES CREEK	KYU0025	LICKING RIVER			39 .7	3650.0	5480.	35.	50.	64.	U 0.	U 0.
	ORL0110				84 28.2						T 62.94	T 103.6
COUNTY NAME: **CARROLL**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
KENTUCKY RIVER LOCK + DAM 01	KY03013	KENTUCKY RIVER	N	DAEN ORL	38 39.8	6956.0	10434.	8.	8.	0.	E 0.	E 0.
	ORL0111				85 8.6						N 28.19	N 50.9
COUNTY NAME: **CARTER**					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE NY					
GRAYSON	KYU0095	LITTLE SANDY RIV	CRO	DAEN ORH	38 15.2	196.0	248.	59.	96.	119.	E 0.	E 0.
	ORH0002	ER			82 59.1						N 2.78	N 6.3
COUNTY NAME: **CHRISTIAN**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
UDPKY9000	KYU0036	NORTH FORK LITTL	HR	CORPS	36 53.2	28.0	40.	76.	102.	0.	E 0.	E 0.
	ORN0025	E RIVER			87 27.5						N .80	N 1.5
LAKE BOXLEY	KYU0048	LOWER BRANCH	SRC	CHRISTIAN CO	36 53.6	10.0	14.	38.	51.	8.	E 0.	E 0.
	ORN0026			UNTY SCD	87 26.6						N .15	N .3
LAKE MORRIS	KYU0049	NORTH FORK OF LI	RC	CHRISTIAN CO	36 55.2	8.0	12.	44.	59.	10.	E 0.	E 0.
	ORN0027	TTLE R.		UNTY SCD	87 27.4						N .13	N .3
COUNTY NAME: **CLAY**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
LIT GOOSE CK	KYU0010	LIT GOOSE CK			37 9.1	38.0	57.	35.	45.	30.	U 0.	U 0.
	ORL0112				83 47.3						T .71	T 1.2
RED BIRD RIV	KYU0011	RED BIRD RIV			37 12.8	115.0	122.	35.	45.	90.	U 0.	U 0.
	ORL0113				83 37.5						T 2.20	T 4.5

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF KENTUCKY

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 19		FERC REGIONAL OFFICE CODE CH					
BERT COMBS LAKE (BEECH CK DAM)	KY00043 ORL0114	BEECH CREEK	SR	COMMONWEALTH OF KENTUCKY	37 10.1 83 42.5	2.0	3.	73.	65.	1.	0. E .07 N	0. E .1
COUNTY NAME: CRITTENDEN					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
OHIO RIVER LOCK + DAM 50	KY03039 ORL0115	OHIO RIVER	N	DAEN ORL	37 28.2 88 5.3	143400.0	143400.	10.	10.	0. E N	0. 456.22 N	E 0. 1359.3
COUNTY NAME: EDMONSON					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
NOLIN LAKE	KY03011 ORL0116	NOLIN RIVER	CR	DAEN ORL	37 16.7 86 14.7	703.0	1054.	100.	145.	609. E N	0. 3.87 N	E 0. 16.2
COUNTY NAME: ESTILL					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
STATION CAMP CK	KYU0014 ORL0117	STATION CAMP CK			37 34.5 83 57.0	95.0	142.	35.	45.	290. U T	0. 1.37 T	U 0. 2.6
KENTUCKY RIVER LOCK + DAM 11	KY03023 ORL0118	KENTUCKY RIVER	N	DAEN ORL	37 47.1 84 6.2	3219.0	4829.	18.	18.	0. E N	0. 27.55 N	E 0. 49.6
KENTUCKY RIVER LOCK + DAM 12	KY03024 ORL0119	KENTUCKY RIVER	N	DAEN ORL	37 40.7 83 56.9	2916.0	4374.	17.	17.	0. E N	0. 23.66 N	E 0. 43.6
COUNTY NAME: FLOYD					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE NY					
DEWEY	KYU0093 ORH0003	JOHNS CREEK	CRO	DAEN ORH	37 44.2 82 43.8	207.0	227.	49.	86.	93. E N	0. 2.59 N	E 0. 5.7

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF KENTUCKY

(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: **FRANKLIN**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
KENTUCKY RIVER LOCK + DAM 04	KY03016 ORL0120	KENTUCKY RIVER	N	DAEN ORL	38 12,6 84 52,3	5412,0	8118,*	13,*	13,*	0,*E *N	0, *E 375,23*N	0, 706,1
COUNTY NAME: **FULTON**					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE AT					
LOCK AND DAM NO, 5	KY00002 LMM0009	MISSISSIPPI RIVER	R		36 34,0 89 23,5	922500,0	246595,*	17,*	17,*	0,*U *T	0, *U 866,97*T	0, 3005,4
COUNTY NAME: **GRANT**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
EAGLE CREEK	KY00030 ORL0121	EAGLE CREEK			38 36,6 84 40,8	247,0	370,*	76,*	102,*	173,*U *T	0, *U 4,12*T	0, 8,2
BOLTZ LAKE	KY00032 ORL0122	ARNOLDS CREEK	R	COMMONWEALTH OF KENTUCKY	38 42,4 84 37,1	3,0	5,*	73,*	68,*	3,*E *N	0, *E ,10*N	0, ,1
BULLOCK PEN LAKE	KY00055 ORL0123	BULLOCK PEN CREEK	R	COMMONWEALTH OF KENTUCKY	38 47,3 84 39,4	8,0	12,*	73,*	54,*	3,*E *N	0, *E ,29*N	0, ,5
WILLIAMSTOWN LAKE	KY00080 ORL0124	SOUTH FORK GRASS CREEK	S R Y	CITY OF WILLIAMSTOWN	38 40,6 84 31,1	9,0	13,*	73,*	55,*	9,*E *N	0, *E ,30*N	0, ,4
COUNTY NAME: **GREENUP**					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE NY					
ARGILLITE	KY00090 ORH0004	LITTLE SANDY RIVER	C R		38 24,0 82 53,0	554,0	341,*	50,*	65,*	228,*U *T	0, *U 3,31*T	0, 11,7
ARGENTUM	KY00091 ORH0005	TYGARTS CREEK	C		38 30,0 82 58,0	292,0	363,*	72,*	87,*	137,*U *T	0, *U 2,91*T	0, 9,7
GREENUP L+D	KY00096 ORH0006	OHIO RIVER	NR	DAEN ORH	38 38,8 82 51,5	62000,0	92050,*	30,*	44,*	0,*E *N	0, *E 677,58*N	0, 1906,9

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF KENTUCKY

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: **GREENUP**					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE NY					
KEHOE LAKE	KYU0098	TYGARTS CREEK	CRO		38 29,0	127,0	158,*	59,*	91,*	48,*U	0, *U	0,
	ORH0007				83 2,0					*T	2,27*T	4,6
COUNTY NAME: **HARLAN**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE AT					
UDPTN90000	KYU0041	CLOVER FORK	HR	CORPS	36 53,2	29,0	52,*	76,*	102,*	0,*E	0, *E	0,
	ORN0028				83 2,5					*N	1,10*N	2,4
MARTINS FORK LAKE	KYU0045	MARTINS FORK	COR	CORPS	36 45,3	56,0	107,*	36,*	78,*	21,*E	0, *E	0,
	ORN0029				83 15,5					*N	1,17*N	2,2
CRANKS CK LAKE	KYU0079	CRANKS CK	R	HARLAN COUNTY	36 44,3	25,0	48,*	81,*	110,*	17,*E	0, *E	0,
	ORN0030			Y	83 14,3					*N	1,18*N	2,2
COUNTY NAME: **HENDERSON**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
GREEN R L + D #1	KY03002	GREEN RIVER	N	DAEN ORL	37 51,5	9181,0	13770,*	12,*	12,*	0,*E	0, *E	0,
	ORL0125				87 24,6					*N	52,21*N	111,9
NEWBURG LOCK + DAM	KY03059	OHIO RIVER	N	DAEN ORL	37 54,6	97690,0	97690,*	16,*	16,*	0,*E	0, *E	0,
	ORL0126				87 21,7					*N	540,89*N	1458,5
COUNTY NAME: **HENRY**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
LAKE JERICHO ?L, KY R, MPS\1&	KY00061	LITTLE KY RIVER	C R	HENRY COUNTY SCD	38 26,8	10,0	15,*	75,*	65,*	9,*E	0, *E	0,
	ORL0127				85 16,9					*N	,53*N	,7
KENTUCKY RIVER LOCK AND DAM 02	KY03014	KENTUCKY RIVER	N	DAEN ORL	38 26,3	6180,0	9270,*	14,*	14,*	0,*E	0, *E	0,
	ORL0128				84 57,7					*N	43,83*N	79,1
KENTUCKY RIVER LOCK + DAM 03	KY03015	KENTUCKY RIVER	N	DAEN ORL	38 25,0	5983,0	8975,*	12,*	12,*	0,*E	0, *E	0,
	ORL0129				84 52,8					*N	36,37*N	65,6

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF KENTUCKY

(07/09/79)

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: JEFFERSON						**FERC POWER SUPPLY AREA 12**			**FERC REGIONAL OFFICE CODE CH**			
FLOYDS FK	KYU0017	FLOYDS FK SALT R			38 7.1	42.0*	63.*	35.*	45.*	133.*U	0. *U	0.
	ORL0130	IV			85 32.5					*T	.65*T	.9
SW JEFFERSON CO IMPOUNDMENT	KYU0025	POND + KNOB CREE			38 .9	125.0*	188.*	41.*	72.*	22.*U	0. *U	0.
	ORL0131	KS			85 55.3					*T	1.75*T	3.4
COUNTY NAME: JESSAMINE						**FERC POWER SUPPLY AREA 19**			**FERC REGIONAL OFFICE CODE CH**			
KENTUCKY RIVER L&D 08	KY03020	KENTUCKY RIVER	N	DAEN ORL	37 44.7	4414.0*	6621.*	19.*	19.*	0.*E	0. *E	0.
	ORL0132				84 35.2					*N	39.92*N	73.0
KENTUCKY RIVER L&D 09	KY03021	KENTUCKY RIVER	N	DAEN ORL	37 50.6	4101.0*	6152.*	17.*	17.*	0.*E	0. *E	0.
	ORL0133				84 26.4					*N	33.15*N	59.7
COUNTY NAME: JOHNSON						**FERC POWER SUPPLY AREA 10**			**FERC REGIONAL OFFICE CODE NY**			
PAINTSVILLE	KYU0097	PAINT CREEK	CRO	DAEN ORH	37 50.2	93.0*	112.*	107.*	134.*	74.*E	0. *E	0.
	ORH0008				82 52.2					*N	3.00*N	6.4
COUNTY NAME: KNOTT						**FERC POWER SUPPLY AREA 10**			**FERC REGIONAL OFFICE CODE CH**			
CARR FORK LAKE	KY03056	CARR FORK	CR	DAEN ORL	37 13.4	58.0*	87.*	74.*	105.*	48.*E	0. *E	0.
	ORL0134				83 3.4					*N	2.15*N	4.7
COUNTY NAME: LARUE						**FERC POWER SUPPLY AREA 19**			**FERC REGIONAL OFFICE CODE CH**			
N WARDSTOWN	KYU0016	ROLLING FK SALT			37 34.1	384.0*	576.*	35.*	125.*	369.*U	0. *U	0.
	ORL0135	RIV			85 36.5					*T	3.28*T	8.1
NORTH FORK NOLIN MPS\3	KY00772	SALEM CREEK	S C	CITY OF HODG ENVILLE	37 35.3	36.0*	55.*	73.*	50.*	4.*E	0. *E	0.
	ORL0136				85 42.7					*N	.47*N	1.1

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF KENTUCKY

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: **LAUREL**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE AT					
LAUREL LAKE	KYU0047	LAUREL R.	CHR	DAEN ORN	36 57.6	283.0	439.	208.	282.	436.E	61.00E	67.0
	ORN0031				84 16.1					N	0. N	0.
DORTHAE DAM	KYU0072	LAUREL RIVER	S	LAUREL CO WA	37 .1	97.0	164.	24.	33.	1.E	0. E	0.
	ORN0032			TER DIST #2	84 6.0					N	1.17N	2.2
WOOD CK LAKE	KYU0078	WOOD CK	SR	COMMONWEALTH	37 12.8	22.0	42.	118.	160.	45.E	0. E	0.
	ORN0033			OF KENTUCKY	84 11.8					N	1.51N	2.8
CORBIN RESERVOIR	KYU0083	LAUREL RIVER	S	CITY OF CORB	36 58.5	140.0	237.	37.	50.	0.E	0. E	0.
	ORN0034			IN	84 7.2					N	2.13N	4.6
COUNTY NAME: **LAWRENCE**					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE NY					
YATESVILLE	KYU0099	BLAINE CREEK	CRO		38 3.6	208.0	234.	45.	79.	100.U	0. U	0.
	ORH0009				82 52.0					T	2.38T	5.2
COUNTY NAME: **LEE**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
WALKERS CREEK	KYU0012	WALKERS CREEK			37 35.1	1260.0	1890.	126.	143.	181.U	0. U	0.
	ORL0137				83 41.4					T	76.04T	120.5
FINCASTLE	KYU0019	NO FK KENTUCKY R			37 38.5	1300.0	1950.	50.	70.	81.U	0. U	0.
	ORL0136	IV			83 36.0					T	32.38T	98.9
KENTUCKY RIVER LOCK + DAM 13	KY03025	KENTUCKY RIVER	N	DAEN ORL	37 36.1	2784.0	4176.	18.	18.	0.E	0. E	0.
	ORL0139				83 50.0					N	23.92N	44.1
KENTUCKY RIVER LOCK + DAM 14	KY03026	KENTUCKY RIVER	N	DAEN ORL	37 33.2	2657.0	3986.	17.	17.	0.E	0. E	0.
	ORL0140				83 46.2					N	5.16N	22.1

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF KENTUCKY

(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: **LESLIE**					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE CH					
CUTSHIN CREEK	KYU0006	CUTSHIN CREEK			37 13,2	84.0	126.	35.	45.	69.	U 0.	U 0.
	ORL0141				83 21,6						T 1.44	T 2.7
GREASEY CREEK	KYU0009	GREASEY CREEK			36 58,4	51.0	76.	35.	45.	30.	U 0.	U 0.
	ORL0142				83 17,1						T .89	T 2.0
COUNTY NAME: **LETCHER**					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE CH					
LINE FORK	KYU0006	LINE FORK			37 7,2	64.0	96.	35.	45.	62.	U 0.	U 0.
	ORL0143				83 1,9						T .85	T 1.7
KINGDOM COME	KYU0007	NO FK KENTUCKY R			37 7,7	131.0	196.	35.	45.	73.	U 0.	U 0.
	ORL0144	IV			82 57,6						T 1.71	T 3.4
LETCHER-HARLAN C O DAM	KY00038	POOR FORK	HR	CORPS	37 0, 82 54,7	52.0	92.	76.	102.	0.	E 0. N 1.98	E 0. N 4.4
COUNTY NAME: **LINCOLN**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
	KY00208	BUCK CREEK	C	LINCOLN COUN TY SCD	37 23,6	10.0	14.	73.	50.	3.	E 0.	E 0.
	ORL0145				84 36,6						N .42	N .8
COUNTY NAME: **LIVINGSTON**					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
SMITHLAND L + D	KYU0023	OHIO RIVER			37 9,2	143900.0	220000.	22.	22.	0.	U 0.	U 0.
	ORL0146				88 24,9						T 1007.18	T 3001.0
OHIO RIVER LOCK + DAM 51	KY03040	OHIO RIVER	N	DAEN ORL	37 21,4	143900.0	143900.	8.	8.	0.	E 0.	E 0.
	ORN0036				88 28,7						N 366.25	N 1091.3

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF KENTUCKY

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 19		FERC REGIONAL OFFICE CODE CH					
LAKE HERNDON (MU	KY00023	EDGER CREEK	C S	LOGAN COUNTY	36 53.6	8.0	12.	73.	68.	7. E	0. E	0.
D RIVER MPS 24)	ORL0147			SCD	86 56.9					N	.27 N	.5
MUD RIVER MPS\6A	KY00345	WOLF LICK CREEK	C S	LOGAN COUNTY	36 57.0	17.0	25.	73.	69.	17. E	0. E	0.
	ORL0148			SCD	87 1.8					N	.57 N	1.0
COUNTY NAME: LYON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LAKE BARKLEY	KY00058	CUMBERLAND	HNCR	DAEN ORN	37 1.3	17598.0	28503.	75.	102.	2082. E	130.00 E	761.6
	ORN0037				88 13.3					N	424.26 N	766.0
COUNTY NAME: MADISON					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
FORD	KY00015	KENTUCKY RIV			37 52.3	2503.0	3755.	35.	45.	840. U	0. U	0.
	ORL0149				84 15.2					T	41.82 T	77.1
WILGREEN LAKE (T	KY00048	TAYLOR FORK	R	MADISON COUN	37 42.2	14.0	21.	73.	75.	6. E	0. E	0.
AYLOR FK DAM)	ORL0150			TY	84 21.5					N	.48 N	.8
RED BRICK CK MPS	KY00769	OWSLEY FORK	SC	RED LICK CRE	37 32.8	7.0	11.	73.	52.	5. E	0. E	0.
\1	ORL0151			EK W.C.D.	84 11.0					N	.24 N	.4
KENTUCKY RIVER L	KY03022	KENTUCKY RIVER	N	DAEN ORL	37 53.7	3955.0	5933.	17.	17.	0. E	0. E	0.
OCK + DAM 10	ORL0152				84 15.7					N	31.97 N	57.5
COUNTY NAME: MAGOFFIN					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE CH					
ROYALTON	KY00004	LICKING RIVER			37 40.8	76.0	114.	35.	45.	47. U	0. U	0.
	ORL0153				83 1.5					T	1.14 T	1.9

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF KENTUCKY

(07/09/79)

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COUNTY NAME: **MARSHALL**						FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT				
KENTUCKY LAKE	KY00060 ORN0038	TENNESSEE R.	NCHR	TVA	37 .8 88 16.1	40200.0	65111.	140.	190.	6129.	E 175.00 N 2183.48	E 112.5 N 6387.6
EAST FORK CLARKS R. FRS #28-A	KY00062 ORN0039	MIDDLE FORK CK.	C S	WILLIE HOLME	36 50.9 88 26.1	15.0	21.	28.	38.	7.	E 0. N .17	E 0. N .2
COUNTY NAME: **MCCRACKEN**						FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH				
OHIO RIVER LOCK + DAM 52	KY03041 ORL0154	OHIO RIVER	N	DAEN ORL	37 7.3 88 39.3	202830.0	202830.	12.	12.	0.	E 0. N 767.10	E 0. N 2302.5
COUNTY NAME: **MCLEAN**						FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH				
GREEN RIVER LOCK + DAM 02	KY03003 ORL0155	GREEN RIVER	N	DAEN ORL	37 31.9 87 15.9	7564.0	11400.	14.	14.	0.	E 0. N 50.19	E 0. N 107.6
COUNTY NAME: **MEADE**						FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH				
DOE VALLEY LAKE	KY00022 ORL0156	DOE RUN	R S	MERRIL LYNCH	37 59.9 86 7.0	36.0	54.	73.	97.	19.	E 0. N .92	E 0. N 1.1
COUNTY NAME: **MONROE**						FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT				
CELINA DAM	KY00046 ORN0040	CUMBERLAND RIVER	HR	CORPS	36 36.4 85 30.2	6308.0	10204.	48.	60.	358.	E 0. N 134.88	E 0. N 334.2
	KY00298 ORL0157	MILL CREEK	R C S	CITY OF TOMP KINSVILLE	36 41.0 85 42.1	7.0	11.	73.	63.	5.	E 0. N .27	E 0. N .4

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(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF KENTUCKY

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: MUHLENBERG					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
LAKE MALONE ?MUD R, MPS\51&	KY00110 ORL0156	ROCKY CREEK	R C S	COMMONWEALTH OF KENTUCKY	37 4,9 87 2,0	29,0	43,*	73,*	56,*	30,*E *N	0, ,38*N	0, ,9
COUNTY NAME: NELSON					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
CAMPGROUND LAKE	KYU0027 ORL0159	BEECH FK SALT RI VER			37 49,6 85 17,5	438,0*	659,*	25,*	125,*	361,*U *T	0, 2,72*T	0, 5,9
LAKE SYMPSON	KY00045 ORL0160	BUFFALO CREEK	R S	CITY OF BARD STOWN	37 48,4 85 30,6	9,0*	14,*	73,*	70,*	6,*E *N	0, ,28*N	0, ,5
COUNTY NAME: OHIO					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
GREEN RIVER LOCK AND DAM 03	KY03004 ORL0161	GREEN RIVER	N	DAEN ORL	37 12,8 86 54,0	6141,0*	9212,*	17,*	17,*	0,*E *N	0, 51,81*N	0, 107,6
COUNTY NAME: OWEN					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
ELMER DAVIS LAKE	KY00059 ORL0162	NORTH SEVERN CRE EK	R S	COMMONWEALTH OF KENTUCKY	38 29,7 84 52,9	7,0*	10,*	73,*	65,*	4,*E *N	0, ,22*N	0, ,4
COUNTY NAME: OWSLEY					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
BOONEVILLE LAKE	KYU0021 ORL0163	SO FK KENTUCKY R IV			37 28,6 83 40,3	665,0*	998,*	277,*	140,*	480,*U *T	0, 91,60*T	0, 154,2
COUNTY NAME: PENDLETON					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
FALMOUTH LAKE	KYU0020 ORL0164	LICKING RIVER			38 35,7 84 15,8	2331,0*	3500,*	88,*	140,*	693,*U *T	0, 101,07*T	0, 166,3

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF KENTUCKY

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COUNTY NAME: **PENDLETON**					FERC POWER SUPPLY AREA 19			FERC REGIONAL OFFICE CODE CH				
KINCAID LAKE	KY00036	KINCAID CREEK	R	COMMONWEALTH	38 43.4	31.0	46.	73.	61.	6.	E 0.	E 0.
	ORL0165			OF KENTUCKY	84 17.6					N	N 1.05	N 1.4
COUNTY NAME: **PERRY**					FERC POWER SUPPLY AREA 10			FERC REGIONAL OFFICE CODE CH				
LEATHERWOOD CK	KYU0005	LEATHERWOOD CK			37 6.1	49.0	74.	35.	45.	35.	U 0.	U 0.
	ORL0166				83 5.3					T	T .87	T 1.4
BUCKHORN LAKE	KY03027	MIDDLEFORK KENTU	CR	DAEN ORL	37 20.4	408.0	612.	65.	123.	168.	E 0.	E 0.
	ORL0167	CKY RIVER			83 28.3					N	N 3.22	N 11.6
COUNTY NAME: **PIKE**					FERC POWER SUPPLY AREA 10			FERC REGIONAL OFFICE CODE NY				
FISHTRAD	KYU0094	LEVISA FORK	CRO	DAEN ORH	37 25.9	395.0	465.	82.	152.	164.	E 0.	E 0.
	ORH0010				82 25.0					N	N 3.14	N 13.1
COUNTY NAME: **POWELL**					FERC POWER SUPPLY AREA 19			FERC REGIONAL OFFICE CODE CH				
RED RIVER	KYU0029	RED RIVER			38 50.0	235.0	352.	58.	114.	168.	U 0.	U 0.
	ORL0168				83 45.8					T	T 3.05	T 8.6
MILL CREEK LAKE	KY00259	MILL CREEK	R	COMMONWEALTH	37 46.0	5.0	8.	73.	55.	1.	E 0.	E 0.
	ORL0169			OF KENTUCKY	83 40.4					N	N .17	N .2
COUNTY NAME: **PULASKI**					FERC POWER SUPPLY AREA 19			FERC REGIONAL OFFICE CODE AT				
ROCKCASTLE NARRO WS DAM	KYU0035	ROCKCASTLE RIVER	HR	CORPS	37 2.1	725.0	1124.	76.	142.	171.	E 0.	E 0.
	ORN0041				84 18.3					N	N 27.20	N 49.1

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(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: ROCKCASTLE					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE AT					
PARKER BRANCH DAM	KY00034 ORN0042	ROCKCASTLE RIVER	HR	CORPS	37 16.0 84 8.8	292.0	453.	76.	117.	317.	E 0. N 3.32	E 0. N 12.6
LAKE LINVILLE	KY00069 ORN0043	RENFRO CK	RS	COMMONWEALTH OF KENTUCKY	37 23.0 84 20.1	15.0	21.	53.	72.	15.	E 0. N .39	E 0. N .6
COUNTY NAME: RUSSELL					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LAKE CUMBERLAND	KY00059 ORN0044	CUMBERLAND R.	HCR	DAEN ORN	36 52.2 85 8.7	5789.0	9065.	163.	220.	2094.	E 270.00 N 0.	E 1317.9 N 0.
COUNTY NAME: SHELBY					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
GUIST CREEK LAKE	KY00040 ORL0170	GUIST CREEK	R S	COMMONWEALTH OF KENTUCKY	38 12.4 85 9.5	29.0	44.	44.	60.	12.	E 0. N .54	E 0. N 1.0
CEDARMORE LAKE	KY00050 ORL0171	SIX MILE CREEK	R	CEDARMORE AS SEMBLY	38 19.7 85 1.0	27.0	41.	22.	30.	3.	E 0. N .25	E 0. N .5
TRAILWOOD LAKE	KY00315 ORL0172	BACKBONE CREEK	R	TRAILWOOD LA KES,INC.	38 19.1 84 59.7	4.0	6.	73.	63.	3.	E 0. N .12	E 0. N .2
CEDARMORE RESERVOIR	KY00376 ORL0173	TR-SIXMILE CREEK	S	CEDARMORE AS SEMBLY	38 18.8 85 .9	27.0	41.	27.	37.	0.	E 0. N .31	E 0. N .6
COUNTY NAME: SPENCER					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
TAYLORSVILLE LAKE	KY00026 ORL0174	SALT RIVER			38 0. 85 18.2	353.0	530.	87.	132.	292.	U 0. T 6.51	U 0. T 15.9

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF KENTUCKY

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: **TAYLOR**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
GREEN RIVER LAKE	KY03007 ORL0175	GREEN RIVER	CR	DAEN ORL	37 20,3 4741 85 15,2	682,0	1023,*	84,*	123,*	723,*E *N	0, 30,70	*E 0, *N 55,4
COUNTY NAME: **UNION**					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
UNIONTOWN LOCK + DAM	KY03060 ORL0176	OHIO RIVER	N	DAEN ORL	37 46,2 87 57,5	108000,0	108000,*	22,*	22,*	0,*E *N	0, 822,21	*E 0, *N2217,1
COUNTY NAME: **WARREN**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
DRAKES CREEK	KYU0018 ORL0177	DRAKES CREEK			36 55,3 86 23,0	500,0	750,*	35,*	45,*	307,*U *T	0, 2,70	*U 0, *T 10,2
TURNER R L + D 1	KY03008 ORL0178	BARREN RIVER	N	DAEN ORL	37 5,2 86 30,2	1966,0	2949,*	15,*	15,*	0,*E *N	0, 4,38	*E 0, *N 18,4
COUNTY NAME: **WASHINGTON**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
WILLISBURG LAKE	KY00103 ORL0179	LONG LICK CREEK	SR	COMMONWEALTH OF KENTUCKY	37 49,6 85 9,8	4,0	6,*	73,*	77,*	6,*E *N	0, ,12	*E 0, *N ,2
COUNTY NAME: **WHITLEY**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE AT					
LITTLE CLEAR CREEK DAM	KYU0039 ORN0045	LITTLE CLEAR CRE EK	HR	CORPS	36 40,4 84 23,1	14,0	27,*	76,*	102,*	0,*E *N	0, ,62	*E 0, *N 1,2
COUNTY NAME: **WOODFORD**					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE CH					
KENTUCKY RIVER LOCK + DAM 06	KY03018 ORL0180	KENTUCKY RIVER	N	DAEN ORL	37 55,6 84 49,2	5102,0	7653,*	14,*	14,*	0,*E *N	0, 34,00	*E 0, *N 62,2

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STATE OF MICHIGAN

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

HEAD		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
	EXIST	EXIST	UNDEV	TOTAL	EXIST	EXIST	UNDEV	TOTAL	EXIST	EXIST	UNDEV	TOTAL	EXIST	EXIST	UNDEV	TOTAL
	INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR
	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP
0-19 NUMBER	27	56	0	56	0	0	0	0	0	1	0	1	27	57	0	57
0-19 CAPCTY	47.5	76.7	0.0	76.7	0.0	0.0	0.0	0.0	0.0	259	0.0	259	47.5	336	0.0	336
0-19 ENERGY	187	327	0.0	327	0.0	0.0	0.0	0.0	0.0	664	0.0	664	187	990	0.0	990
20-49 NUMBER	50	67	0	67	1	2	0	2	1	2	0	2	52	71	0	71
20-49 CAPCTY	181	156	0.0	156	18.3	33.8	0.0	33.8	41.2	419	0.0	419	241	608	0.0	608
20-49 ENERGY	713	619	0.0	619	161	111	0.0	111	297	2014	0.0	2014	1171	2744	0.0	2744
50-99 NUMBER	8	10	0	10	2	4	0	4	2	1	0	1	12	15	0	15
50-99 CAPCTY	52.6	46.7	0.0	46.7	34.0	87.6	0.0	87.6	110	31.1	0.0	31.1	197	166	0.0	166
50-99 ENERGY	236	232	0.0	232	151	288	0.0	288	141	57.0	0.0	57.0	528	576	0.0	576
>100 NUMBER	1	3	0	3	0	0	0	0	0	0	0	0	1	3	0	3
>100 CAPCTY	1.3	24.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	24.0	0.0	24.0
>100 ENERGY	8.8	60.5	0.0	60.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	60.5	0.0	60.5
TOTAL NUMBER	86	136	0	136	3	6	0	6	3	4	0	4	92	146	0	146
TOTAL CAPCTY	283	303	0.0	303	52.4	121	0.0	121	151	709	0.0	709	486	1133	0.0	1133
TOTAL ENERGY	1145	1238	0.0	1238	312	399	0.0	399	438	2735	0.0	2735	1895	4371	0.0	4371

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 MICHIGAN

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: ALCONA					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
ALCONA	*MI00150	AUSABLE R	H	CONSUMERS PO	44 33.7	1469.0	1332.	39.	41.	6.	E 8.21	25.4
	*NCE0006			WER CO	83 47.8						N 0.	N 0.
HUBBARD LAKE	*MI00176	S BRANCH THUNDER	S	ALPENA POWER	44 51.6	146.0	95.	7.	8.	35.	E 0.	E 0.
	*NCE0007	BAY		CO	83 35.8						N .20	N .4
COUNTY NAME: ALGER					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
AU TRAIN	*MI00152	AU TRAIN	H	CLEVELAND CL	46 19.9	80.0	67.	30.	38.	46.	E 1.20	E 5.1
	*NCE0008			IFFS IRON CO	86 51.0						N 0.	N 0.
COUNTY NAME: ALLEGAN					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
CALKINS BRIDGE	*MI00151	KALAMAZOO	H	CONSUMERS PW	42 34.8	1550.0	1354.	16.	33.	14.	E 2.55	E 8.0
	*NCE0009			R CO	85 58.2						N 1.30	N 7.6
DOSTER LAKE DAM	*MI00418	SILVER CREEK	R		42 26.5	18.0	16.	34.	41.	12.	E 0.	E 0.
	*NCE0010				85 34.3						N .12	N .3
OTSEGO HYDRO PLA	*MI00492	KALAMAZOO	H	CONSUMERS PO	42 28.3	1454.0	1270.	15.	17.	2.	E 1.73	E 8.4
NT	*NCE0011			WER CO	85 45.5						N 1.66	N 5.3
TROWBRIDGE	*MI00493	KALAMAZOO	H	CONSUMERS PO	42 29.0	1497.0	1308.	22.	24.	1.	E 2.10	E 9.6
	*NCE0012			WER CO	85 48.2						N 2.35	N 10.6
COUNTY NAME: ALPENA					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
FOUR MILE DAM	*MI00170	THUNDER BAY	H	ALPENA PWR C	45 5.7	1265.0	1026.	20.	25.	1.	E 2.03	E 6.8
	*NCE0013			O	83 30.2						N 1.60	N 7.4
NINTH STREET	*MI00188	THUNDER BAY	H	ALPENA PWR C	45 4.4	1275.0	1034.	18.	19.	4.	E 1.20	E 6.0
	*NCE0014			O	83 26.0						N 2.13	N 7.0

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MICHIGAN

(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: ALPENA						FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH				
NORWAY POINT	MI00189	THUNDER BAY	H	ALPENA POWER CO	45 5.8 83 31.4	1260.0	1022.	37.	41.	30.	E 4.00 N 1.19	E 16.0 N 9.2
	NCE0015											
UPPER SOUTH DAM	MI00202	UPPER SO BRANCH THUNDER BAY	H	ALPENA POWER CO	45 1.4 83 47.6	160.0	33.	13.	19.	53.	E 0. N .13	E 0. N .3
	NCE0016											
COUNTY NAME: ANTRIM						FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH				
ELK RAPIDS DAM	MI00517	ELK	R	CONSUMERS POWER CO	44 54.0 85 24.7	434.0	92.	10.	13.	90.	E 1.24 N 0.	E 2.4 N 0.
	NCE0017											
COUNTY NAME: BARAGA						FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH				
BIG FALLS	MIU0004	STURGEON	H		46 42.0 88 42.0	322.0	390.	99.	0.	0.	E 0. N 6.31	E 0. N 23.1
	NCE0018											
LOWER PLANT	MIU0014	STURGEON	H		46 42.0 88 42.0	322.0	390.	90.	0.	0.	E 0. N 5.70	E 0. N 20.9
	NCE0019											
TIBBETS FALLS	MIU0025	STURGEON	H		46 42.0 88 42.0	155.0	188.	112.	0.	0.	E 0. N 3.81	E 0. N 12.9
	NCE0020											
PRICKETT DIVERSION DAM	MI00193	STURGEON	H	U. P. POWER CO	46 43.4 88 40.1	340.0	430.	37.	50.	19.	E 2.20 N 0.	E 9.4 N 0.
	NCE0021											
COUNTY NAME: BERRIEN						FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH				
KINGS LANDING	MIU0013	ST JOSEPH	H		42 6.0 86 24.0	4161.0	3609.	18.	0.	0.	E 0. N 8.84	E 0. N 43.7
	NCE0022											
BUCHANAN HYDRO ELECTRIC	MI00016	ST JOSEPH RIVER	H	IND & MICH ELECTRIC CO	41 50.3 86 21.0	4037.0	3502.	13.	15.	2.	E 3.89 N 2.34	E 17.6 N 13.1
	NCE0023											

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PRELIMINARY ESTIMATES

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF MICHIGAN

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: BERRIEN					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
BUCHANAN	MI00157	ST JOSEPH RIVER	H	INDIANA + MI	41 50.3	4037.0	3502.	13.	16.	2.*E	4.10*E	14.0
	NCE0024			CH EL CO	86 21.1					*N	2.13*N	16.7
FRENCH PAPER CO	MI00536	ST JOSEPH	H	FRENCH PAPER	41 49.7	3691.0	3202.	12.	14.	1.*E	1.30*E	5.5
	NCE0025			CO	86 15.3					*N	4.15*N	20.6
BERRIEN SPRINGS	MI00538	ST JOSEPH	H	IND + MICH E	41 56.7	4081.0	3540.	21.	23.	7.*E	7.20*E	31.0
	NCE0026			LECTRIC CO	86 19.7					*N	7.25*N	22.4
COUNTY NAME: BRANCH					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
HODUNK DAM	MI00021	COLDWATER RIVER	R		42 .7	75.0	53.	7.	9.	4.*E	0. *E	0.
	NCE0027				85 4.0					*N	.10*N	.3
RILEY DAM	MI00533	ST JOSEPH	H	VILLAGE OF U	42 2.6	544.0	442.	15.	16.	5.*E	.42*E	1.3
	NCE0026			NION CITY	85 12.5					*N	.43*N	2.7
COUNTY NAME: CALHOUN					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
CERESCO DAM	MI00497	KALAMAZOO RIVER	H	SHERMAN E MI	42 18.0	350.0	245.	11.	15.	4.*E	0. *E	0.
	NCE0029			NICK	85 6.0					*N	.44*N	1.9
COUNTY NAME: CASS					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
WHITFORD DAM	MI00031	S BR DOWAGIC CRE	R		42 0.	78.5	85.	9.	12.	2.*E	0. *E	0.
	NCE0030	EK			86 6.0					*N	.12*N	.6
COUNTY NAME: CHARLEVOIX					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
BOYNE RIVER DAM	MI00515	BOYNE	RH	CONSUMERS PO	45 11.7	62.0	70.	32.	35.	1.*E	.56*E	1.4
	NCE0031			WER CO	84 57.0					*N	0. *N	0.

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MICHIGAN

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE (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: CHARLEVOIX						FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH				
EAST JORDAN DAM	MI00519	DEER CREEK	R	CONSUMERS PO	45 8.0	33.0	100.	25.	31.	1.	E 0.	E 0.
	NCE00032			WER CO	85 7.0						N .30	N 1.9
COUNTY NAME: CHEBOYGAN						FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH				
CHEBOYGAN	MI00520	CHEBOYGAN	R		45 38.4	1592.0	1520.	13.	16.	2.	E 2.05	E 6.7
	NCE00033				84 28.5						N .63	N 7.7
ALVERNO	MI00521	BLACK	H	CONSUMERS PO	45 33.2	610.0	467.	19.	22.	1.	E 1.13	E 3.1
	NCE00034			WER CO	84 23.5						N .29	N 2.9
TOWER HYDRO PLAN	MI00545	UPPER BLACK	H	MICHIGAN ELE	45 21.7	292.0	254.	20.	23.	1.	E .56	E 2.2
T	NCE00035			CTRIC COOP	84 18.0						N .36	N 1.4
KLEBER DAM	MI00546	UPPER BLACK	H	NORTHERN MIC	45 23.5	1300.0	1132.	42.	44.	6.	E 1.20	E 4.0
	NCE00036			H ELECTRIC C	84 19.8						N 5.11	N 27.8
COUNTY NAME: CHIPPEWA						FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH				
EDISON SAULT	MIU0036	ST MARYS RIVER	H	EDISON SAULT	46 30.0	80900.0	84761.	21.	0.	0.	E 41.30	E 297.2
	NCE00143			ELECTRIC CO	84 18.0						N 219.03	N 999.0
ST MARYS FALLS	MIU0046	ST MARYS RIVER	H	CORPS OF ENG	46 30.0	80000.0	55000.	21.	0.	0.	E 18.40	E 161.2
	NCE00144				84 18.0						N 199.97	N 1015.0
COUNTY NAME: CRAWFORD						FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH				
EATON	MIU0008	AU SABLE	H		44 42.0	642.0	441.	43.	0.	0.	E 0.	E 0.
	NCE00145				84 42.0						N 2.58	N 13.8
UPPER FLAT ROCK	MIU0026	AU SABLE	H		44 42.0	1415.0	1677.	96.	0.	0.	E 0.	E 0.
	NCE00146				84 42.0						N 21.49	N 117.2

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MICHIGAN

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: DELTA					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				
ESCANARA NO. 1	MI00164	ESCANARA	H	MEAD CORP.	45 47.7	980.0	1053.	23.	36.	2.E	1.95E	6.7
	NCE0038				87 4.7						2.56N	8.1
ESCANABA NO. 2	MI00165	ESCANABA	H	MEAD CORP	45 48.9	900.0	967.	14.	19.	1.E	0. E	0.
	NCE0039				87 6.1						3.45N	9.0
ESCANABA NO. 3	MI00166	ESCANABA	H	MEAD CORP	45 50.0	870.0	935.	30.	46.	5.E	2.50E	9.9
	NCE0040				87 5.6						2.38N	6.9
ESCANABA NO. 4	MI00167	ESCANABA	H	MEAD CORP	45 56.8	800.0	860.	49.	68.	2.E	4.74E	14.0
	NCE0041				87 16.2						1.80N	10.5
COUNTY NAME: DICKINSON					FERC POWER SUPPLY AREA 11			FERC REGIONAL OFFICE CODE CH				
WILSON	MIU0026	PINE	H		45 48.0	272.0	222.	99.	0.	0.E	0. E	0.
	NCE0042				88 12.0						3.70N	14.1
BIG QUINNESEC FA	MIU0030	MENOMINEE	H	WIS-MI PWR C	45 48.0	2475.0	2513.	92.	98.	0.E	16.00E	104.9
LLS	NCE0043			O	88 0.						31.17N	57.0
QUINNESEC FALLS	MIU0044	MENOMINEE	H	WISCONSIN-MI	45 48.0	2475.0	2513.	55.	0.	0.E	3.53E	4.0
	NCE0044			CH PWR CO	88 0.						24.67N	92.8
TWIN FALLS	MIU0047	MENOMINEE	H	WIS ELEC PWR	45 50.0	1790.0	1650.	44.	0.	0.E	6.14E	32.7
	NCE0045			CO	88 5.0						3.99N	14.4
FORD DAM	MI00047	MENOMINEE RIVER	H		45 48.7	50.0	47.	27.	33.	3.E	0. E	0.
	NCE0046				88 7.5						.23N	.9
KINGSFORD	MI00177	MENOMINEE	H	WIS-MI PWR C	45 48.5	2367.0	2404.	30.	30.	7.E	7.20E	31.2
	NCE0047			O	88 7.6						2.47N	15.6
STURGEON	MI00198	STURGEON	H	WIS-MICH PWR	45 48.4	280.0	216.	43.	54.	7.E	.80E	4.0
	NCE0048			CO	87 47.2						1.32N	1.9

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MICHIGAN

(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: **DICKINSON**					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
STURGEON FALLS	MI00199	MENOMINEE	H	CITY OF NORW	45 45,4	2940,0	2711,	25,	25,	4,E	3,50E	22,0
	NCE0049			AY	87 52,1					N	5,50N	21,6
MINONAME 32	MI00483	E BRANCH STURGEO	CR	DICKINSON CO	45 58,6	237,0	205,	31,	38,	2,E	0, E	0,
	NCE0050	N		UNTY	87 41,5					N	1,08N	4,3
COUNTY NAME: **GENESEE**					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
KEARSLEY DAM	MI00061	KEARSLEY CREEK	SR	CITY OF FLIN	43 3,3	115,0	84,	16,	24,	3,E	0, E	0,
	NCE0051			T	83 39,5					N	,47N	1,0
HOLLOWAY DAM	MI00064	FLINT RIVER	SR	CITY OF FLIN	43 7,3	526,0	318,	22,	30,	30,E	0, E	0,
	NCE0052			T	83 29,5					N	2,19N	4,6
MOTT DAM	MI00469	FLINT	R	GENESEE COUN	43 4,8	954,0	577,	15,	19,	7,E	0, E	0,
	NCE-IF0			TY PARK COMM	83 39,6					N	2,62N	5,5
COUNTY NAME: **GLADWIN**					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
BEAVERTON DAM	MI00524	TOBACCO	R	CITY OF BEAV	43 52,8	467,0	368,	20,	30,	2,E	1,05E	2,9
	NCE-IF0			ERTON	84 28,5					N	,14N	1,7
CHAPPEL DAM	MI00525	CEDAR RIVER	R		44 ,3	155,0	67,	29,	32,	5,E	,41E	1,3
	NCE0053				84 33,0					N	0, N	0,
SECORD DAM	MI00547	TITTIBAWASSEE	H	WOLVERINE PO	44 2,6	210,0	205,	46,	49,	51,E	1,20E	3,0
	NCE0054			WER CO	84 20,5					N	,38N	3,1
SMALLWOOD DAM	MI00548	TITTIBAWASSEE	H	WOLVERINE PO	43 57,7	342,0	227,	28,	35,	9,E	1,20E	2,6
	NCE-IF0			WER CO	84 20,0					N	,39N	1,4
EDENVILLE	MI00549	TITTABAWASSEE AT	H	WOLVERINE PO	43 49,0	1050,0	697,	43,	53,	66,E	4,80E	10,0
	NCE-IF0	JUNCT TOBACO		WER CO	84 23,3					N	0, N	0,

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MICHIGAN

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: GOGEBIC				FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH						
CISCO LAKE RESER	MIU0033	S BR ONTONAGAN	S	U P POWER CO	46 18,0	51,0	47,*	8,*	8,*	0,*E	0, *E	0,
VOIR	NCE0055				89 30,0					*N	,07*N	,3
PRESQUE WILDLIFE	MI00192	S BR PRESQUE ISL	O	STATE DNR	46 24,0	171,0	188,*	9,*	11,*	2,*E	0, *E	0,
DAM	NCE0056	E			89 42,0					*N	,36*N	1,1
SAXON FALLS	MI00196	MONTREAL RIVER	H	LAKE SUPERIO	46 32,7	272,0	339,*	32,*	39,*	1,*E	1,25*E	9,4
	NCE0057			R DIST PWR C	90 22,4					*N	0, *N	0,
SUPERIOR FALLS D	MI00528	MONTREAL RIVER	H	LAKE SUPERIO	46 33,7	280,0	349,*	135,*	138,*	1,*E	1,32*E	8,8
AM	NCE0058			R DIST PWR C	90 24,5					*N	7,80*N	18,5
COUNTY NAME: GRAND TRAVERSE				FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH						
WALTON	MIU0027	MANISTEE	H		44 24,0	658,0	780,*	28,*	0,*	0,*E	0, *E	0,
	NCE0059				85 42,0					*N	2,91*N	15,9
BOARDMAN DAM	MI00512	BOARDMAN	RH	CONSUMERS PO	44 42,0	278,0	243,*	41,*	44,*	2,*E	2,40*E	6,2
	NCE0060			WER CO	85 37,3					*N	0, *N	0,
SABIN	MI00513	BOARDMAN	H	CONSUMERS PW	44 36,0	280,0	245,*	19,*	22,*	0,*E	1,04*E	3,1
	NCE=IF0			R CO	85 30,0					*N	0, *N	0,
BROWN BRIDGE	MI00544	BOARDMAN	H	TRAVERSE CIT	44 38,7	223,0	195,*	29,*	33,*	3,*E	,65*E	2,3
	NCE0061			Y L+P DEPT	85 30,7					*N	,12*N	1,8
COUNTY NAME: GRATIOT				FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH						
RAINBOW LAKE DAM	MI00616	PINE CREEK	R	EASTLICK PRO	43 9,0	82,0	48,*	32,*	42,*	5,*E	0, *E	0,
	NCE=IF0			PERTIES INC	84 42,0					*N	,50*N	1,0

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MICHIGAN

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: **HOUGHTON**					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
REDRIDGE DAM	MI00091	SALMON TROUT RIV	R	COPPER RANGE	47 9.0	13.0	107.	27.	33.	2.E	0. E	0.
	NCE0062	ER		CO	88 45.8					N	.62N	1.9
COUNTY NAME: **INGHAM**					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
MOORES PARK	MI00094	GRAND RIVER	H	CITY OF LANS	42 43.0	758.0	518.	14.	22.	3.E	1.50E	2.7
	NCE0063			ING BD OF WT	84 33.5					N	.47N	2.2
COUNTY NAME: **IONIA**					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
WEBBER	MI00206	GRAND	H	CONSUMERS PW	42 57.4	1751.0	1169.	26.	27.	9.E	3.25E	9.1
	NCE0064			R CO	84 54.2					N	1.47N	9.0
LYONS DAM	MI00509	GRAND	HR	VILLAGE OF L	42 58.8	1760.0	1169.	9.	11.	1.E	.35E	1.2
	NCE0065			YONS	84 57.2					N	2.60N	6.0
PORTLAND MUNICIPAL	MI00541	GRAND	H	PORTLAND ELE	42 54.0	1695.0	1426.	9.	12.	1.E	.38E	2.4
	NCE=IF0			CTRIC CO.	84 54.0					N	1.99N	6.7
COUNTY NAME: **IOSCO**					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
COOKE	MI00161	AU SABLE R	H	CONSUMERS PW	44 28.4	1641.0	1488.	38.	48.	43.E	9.00E	26.3
	NCE0066			R CO	83 34.4					N	0. N	0.
FIVE CHANNELS	MI00168	AU SABLE	H	CONSUMERS PW	44 29.1	1613.0	1463.	35.	45.	6.E	6.00E	24.7
	NCE0067			R CO	83 40.9					N	.94N	12.4
FOOTE	MI00169	AU SABLE R	H	CONSUMERS PW	44 26.1	1644.0	1491.	39.	47.	44.E	9.00E	29.2
	NCE0068			R CO	83 26.4					N	0. N	0.
LOUD	MI00178	AU SABLE	H	CONSUMERS PO	44 29.3	1602.0	1453.	27.	35.	14.E	4.00E	18.0
	NCE0069			WER CO	83 43.2					N	1.37N	10.5

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MICHIGAN

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: **IRON**					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				
BRULE ISLAND	MI00156	BRULE	H	WIS-MI PWR C	45 56.8	1050.0	1047.	60.	60.	26.	5.34E	15.1
	NCE0070		O		88 13.2						2.62N	24.5
HEMLOCK FALLS	MI00172	MICHIGAMME	H	WIS-MI PWR C	46 8.7	665.0	704.	34.	34.	1.	2.80E	13.8
	NCE0071		O		85 14.6						1.04N	2.9
MICHIGAMME FALLS	MI00184	MICHIGAMME	H	WIS-MI PWR C	45 57.4	724.0	766.	60.	60.	20.	9.60E	42.0
	NCE0072		O		88 11.8						0. N	0.
PEAVY FALLS	MI00191	MICHIGAMME	H	WIS-MI PWR C	45 59.4	715.0	757.	94.	95.	127.	12.00E	63.9
	NCE0073		O		88 12.6						0. N	0.
WAY	MI00205	MICHIGAMME	H	WIS-MI PWR C	46 9.5	645.0	683.	28.	35.	141.	1.80E	10.1
	NCE0074		O		88 14.0						1.28N	3.2
CRYSTAL FALLS	MI00530	PAINT	H	CITY OF CRYS	46 6.5	616.0	608.	22.	25.	2.	.90E	3.0
	NCE0075			TAL FALLS	88 20.0						1.56N	5.4
COUNTY NAME: **ISABELLA**					FERC POWER SUPPLY AREA 11			FERC REGIONAL OFFICE CODE CH				
ISABELLA LAKE	MI00434	CHIPPEWA RIVER	R	ISABELLA COU	43 39.2	416.0	311.	33.	45.	16.	0. E	0.
	NCE-IF0			NTY	84 59.3						1.69N	6.6
COUNTY NAME: **JACKSON**					FERC POWER SUPPLY AREA 11			FERC REGIONAL OFFICE CODE CH				
GRAND LAKE DAM	MIU0484	GRAND RIVER	R	PESAI AND AS	42 5.3	174.0	120.	12.	15.	2.	0. E	0.
	NCE0076			SOCIATES	84 25.5						.26N	1.0
MIRROR LAKE DAM	MI00654	GRAND RIVER	R	AMERICAN CEN	42 6.0	16.6	11.	16.	21.	1.	0. E	0.
	NCE-IF0			TRAL CORP.	84 24.0						.06N	.1

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MICHIGAN

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: KALAMAZOO					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
BRYCE E. MORROW DAM	MI00146 NCE00077	KALAMAZOO	H R	CONSUMERS PW CO	42 17.0 85 29.5	1010.0	848.	11.	14.	6. E N	0. E 1.78 N	0. 6.8
GULL LAKE DAM	MI00565 NCE-IF0	GULL LAKE OUTLET	R		42 22.3 85 23.0	19.0	10.	65.	21.	3. E N	0. E .10 N	0. .5
COUNTY NAME: KENT					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
ADA DAM	MI00501 NCE00078	THORNAPPLE	R	CONSUMERS PO WER CO	42 57.0 85 29.5	824.0	665.	21.	24.	3. E N	2.18 E .83 N	7.1 1.6
CASCADE DAM	MI00502 NCE00079	THORNAPPLE	R	CONSUMERS PO WER CO	42 54.7 85 30.0	813.0	633.	28.	31.	5. E N	2.81 E .14 N	8.8 2.4
LOWELL DAM NO. 1	MI00506 NCE-IF0	FLAT RIVER	R	CONSUMERS PW R CO	42 59.7 85 21.6	545.0	452.	17.	23.	3. E N	1.05 E .43 N	5.1 .5
GRAND RAPIDS WEST SIDE	MI00508 NCE-IF0	GRAND	R	CITY OF GD APIDS R	42 58.8 85 40.5	4200.0	3074.	12.	14.	4. E N	6.70 E 0. N	30.0 0.
COUNTY NAME: LAPEER					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
WHITE SANDS DAM	MI00425 NCE-IF0	FARMERS CREEK	R	WHITE SANDS DEV CO.	42 58.0 83 22.8	55.0	30.	21.	29.	5. E N	0. E .20 N	0. .4
LAKE LAPEER	MI00583 NCE00080	FARMERS CREEK	R		42 58.0 83 22.8	55.0	30.	19.	23.	3. E N	0. E .18 N	0. .4
COUNTY NAME: LEELANAU					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
LAKE LEELANAN DAM	MI00510 NCE00081	LELAND	R		45 1.5 85 45.7	110.0	96.	8.	10.	14. E N	0. E .10 N	0. .5

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF MICHIGAN

(07/09/79)

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COUNTY NAME: LENAWEE					FERC POWER SUPPLY AREA 11			FERC REGIONAL OFFICE CODE CH				
BENT OAK DAM	MI00594	RIVER RAISIN	S	CITY OF ADRI	41 54,0	460,0	313,*	16,*	25,*	2,*E	0, *E	0,
	NCE0082			AN	84 0,					*N	1,19*N	3,7
COUNTY NAME: LIVINGSTON					FERC POWER SUPPLY AREA 11			FERC REGIONAL OFFICE CODE CH				
SHANNON LAKE DAM	MI00621	N BR ORE CREEK	O	BOI DSFW	42 42,0	38,5*	27,*	17,*	22,*	3,*E	0, *E	0,
	NCE0083				83 48,0					*N	,07*N	,3
COUNTY NAME: LUCE					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				
TAHQUAMENON FALL S	MI00023	TAHQUAMENON	H		46 36,0	840,0*	987,*	84,*	0,*	0,*E	0, *E	0,
	NCE0147				85 18,0					*N	23,72*N	57,4
COUNTY NAME: MACKINAC					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				
BREVORT LAKE DAM	MI00155	BREVORT	R	USDA FS	45 59,3	57,0*	60,*	8,*	10,*	17,*E	0, *E	0,
	NCE0084				84 56,0					*N	,11*N	,3
COUNTY NAME: MACOMB					FERC POWER SUPPLY AREA 11			FERC REGIONAL OFFICE CODE CH				
LOWER STONEY CREEK LAKE DAM	MI00685	STONEY CREEK	R	HURON-CLINTO	42 42,0	68,2*	37,*	24,*	32,*	13,*E	0, *E	0,
	NCE0085			N METRO AUTH	83 6,0					*N	,28*N	,6
UPPER STONEY CREEK LAKE DAM	MI00686	STONEY CREEK	R	HURON-CLINTO	42 42,0	70,0*	43,*	18,*	24,*	3,*E	0, *E	0,
	NCE0086			N METRO AUTH	83 6,0					*N	,16*N	,5
COUNTY NAME: MANISTEE					FERC POWER SUPPLY AREA 11			FERC REGIONAL OFFICE CODE CH				
ANDERSON	MI00001	MANISTEE	H		44 18,0	1758,0*	2008,*	17,*	0,*	0,*E	0, *E	0,
	NCE0087				86 12,0					*N	4,87*N	24,8

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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: MANISTEE					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
HIGH BRIDGE	MIU00011	MANISTEE	H		44 18.0	1469.0	1678.	13.	0.	0.	0. E	0.
	NCE00088				86 12.0						3.11 N	15.8
HODENPYL POND	MI00174	MANISTEE	H	CONSUMERS PW	44 22.8	1018.0	1163.	67.	85.	71.	18.00 E	46.0
	NCE00089			R CO	85 49.2						0. N	0.
TIPPY POND	MI00200	MANISTEE	H	CONSUMER POW	44 15.5	1451.0	1657.	56.	68.	52.	80.00 E	55.7
	NCE00090			ER CO	85 56.3						0. N	0.
STRONACH	MI00229	PINE	H	CONSUMERS PO	44 13.0	274.0	315.	18.	19.	1.	.99 E	1.9
	NCE00091			WER CO	85 54.0						0. N	0.
COUNTY NAME: MARQUETTE					FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH					
MCCLURE	MIU00017	DEAD	H		46 24.0	140.0	16.	382.	0.	0.	0. E	0.
	NCE00092				87 30.0						12.44 N	29.1
PEMENE FALLS	MIU00019	MENOMINEE	H		45 36.0	3170.0	2640.	29.	0.	0.	0. E	0.
	NCE00093				87 48.0						16.31 N	53.6
DEVELOPMENT NO 1	MIU00034	DEAD	H	CITY OF MARQ	46 24.0	156.0	130.	81.	0.	0.	1.00 E	.5
	NCE00094			UETTE	87 30.0						1.33 N	6.0
ESCANABA	MI00163	ESCANABA	H	CLEVELAND CL	46 18.7	346.0	378.	11.	14.	3.	2.00 E	5.0
	NCE00097			IFFS IRON CO	87 30.3						0. N	0.
HOIST DAM	MI00175	DEAD	H	CLEVELAND CL	46 33.9	137.0	173.	58.	78.	160.	4.40 E	14.8
	NCE00098			IFFS IRON CO	87 34.1						0. N	0.
MARQUETTE NO. 2	MI00181	DEAD	H	CITY OF MARQ	46 34.2	156.0	17.	49.	62.	3.	3.20 E	12.0
	NCE00099			UETTE	87 27.0						0. N	0.
MC CLURE	MI00183	DEAD	H	CLEVELAND CL	46 36.0	140.0	177.	43.	54.	4.	9.86 E	42.9
	NCE00100			IFFS IRON CO	87 31.1						0. N	0.

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MICHIGAN

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: MARQUETTE					FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH					
SILVER LAKE BASIN	MI00197	DEAD	H	CLEVELAND CL	46 39,0	49,0	62,	27,	34,	32,	E 0,	0,
	NCE0101			IFFS IRON CO	87 50,1						N ,55	N 1,1
LAKE INDEPENDENCE DAM	MI00438	IRON RIVER	H		46 48,8	97,0	123,	10,	13,	13,	E 0,	E 0,
	NCE0102				87 40,7						N ,41	N ,8
TILDEN MINE DAM	MI00487	MIDDLE BRANCH ES	S	CALUMET HECL	46 26,4	46,0	43,	47,	57,	41,	E 0,	E 0,
	NCE0103	CANABA RIVER		A MINE CO	87 47,6						N ,37	N 1,4
REPUBLIC DAM	MI00562	MICHIGAMME	H		46 24,5	240,0	304,	23,	26,	2,	E ,77	E 2,1
	NCE0104				87 58,7						N 1,51	N 2,4
SCHWEITZER CREEK DAM	MI00612	SCHWEITZER CREEK	S		46 24,8	24,0	16,	28,	38,	8,	E 0,	E 0,
	NCE0106				87 38,8						N ,15	N ,3
COUNTY NAME: MASON					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
HAMLIN LAKE DAM	MI00236	BIG SABLE RIVER	R		44 2,2	127,0	140,	19,	23,	54,	E 0,	E 0,
	NCE0107				86 29,7						N ,37	N 1,9
COUNTY NAME: MECOSTA					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
ROGERS	MI00195	MUSKEGON	H	CONSUMERS PW	43 36,8	1746,0	1469,	39,	42,	13,	E 6,75	E 25,9
	NCE0108			R CO	85 28,7						N ,93	N 12,7
COUNTY NAME: MENOMINEE					FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH					
CHAPPIE RAPIDS	MIU0006	MENOMINEE	H		45 24,0	3955,0	3293,	14,	0,	0,	E 0,	E 0,
	NCE0109				87 36,0						N 6,38	N 29,5
PEMENE DAM	MIU0018	MENOMINEE	H		45 36,0	2975,0	2477,	25,	0,	0,	E 0,	E 0,
	NCE0110				87 48,0						N 8,68	N 39,7

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(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MICHIGAN

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: **MENOMINEE**					FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH					
SAND PORTAGE	MIU0020	MENOMINEE	H		45 24.0	2530.0	2107.	39.	0.	0.	0. E	0.
	NCE0111				87 36.0						17.51 N	57.5
GRAND RAPIDS	MIU0039	MENOMINEE	H	WISCONSIN PU	45 21.0	3867.0	3220.	26.	26.	0.	7.02 E	36.5
	NCE0112			BLIC SERV CO	87 35.0						10.82 N	22.1
CHALK HILL	MI00160	MENOMINEE	H	WIS-MICH PWR	45 30.8	3500.0	3227.	28.	28.	12.	7.80 E	36.7
	NCE0113			CO	87 48.2						10.72 N	26.2
WHITE RAPIDS	MI00207	MENOMINEE	H	WIS-MICH PWR	45 30.0	3228.0	2976.	29.	29.	7.	8.00 E	40.0
	NCE0114			CO	87 48.2						9.69 N	20.0
UPPER MENOMINEE RIVER DAM	MI00531	MENOMINEE	H	SCOTT PAPER	45 24.0	4061.0	3381.	11.	17.	1.	.92 E	6.9
	NCE0115			CO	87 36.0						4.54 N	17.2
LOWER MENOMINEE	MI00532	MENOMINEE	H	SCOTT PAPER	45 6.4	3790.0	3494.	12.	14.	0.	2.24 E	15.9
	NCE0116			CO	87 37.8						3.44 N	11.2
COUNTY NAME: **MIDLAND**					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
CARROLL CREEK DAM	MI00417	S BR CARROLL CRE	R		43 36.0	28.3	87.	42.	51.	1.	0. E	0.
	NCE0117	EK			84 30.0						.73 N	2.5
SANFORD	MI00550	TITTABAWASSEE	H	WOLVERINE PO	43 40.7	1090.0	1245.	26.	35.	35.	3.30 E	7.0
	NCE-IFO			WER CO	84 23.0						1.32 N	16.5
COUNTY NAME: **NEWAYGO**					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
BRIDGETON	MIU0005	MUSKEGON	H		43 24.0	2330.0	1960.	20.	0.	0.	0. E	0.
	NCE0118				85 54.0						5.55 N	26.7
NEWAYGO HYDRO PLANT	MIU0041	MUSKEGON	H	CONSUMERS PW	43 24.0	2277.0	1915.	18.	0.	0.	2.13 E	10.9
	NCE0119			R CO	85 48.0						2.91 N	12.7

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF MICHIGAN

(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: **NEWAYGO**					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
CROTON	MI00162	MUSKEGON	H	CONSUMERS PW	43 25.3	2224.0	1871.	40.	52.	36.	E 9.00	37.1
	NCE0120			R CO	85 48.1						N 4.77	16.2
HARDY	MI00171	MUSKEGON	H	CONSUMERS PW	43 29.3	1851.0	1557.	63.	78.	183.	E 30.00	84.9
	NCE0121			R CO	85 37.8						N 0.	N 0.
COUNTY NAME: **OAKLAND**					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
BACON	MIU0002	MUSKEGON	H		43 24.0	2246.0	1889.	28.	0.	0.	E 0.	E 0.
	NCE0148				85 48.0						N 7.18	N 35.7
MICHIGAN CENTRAL DAM	MI00259	PAINT CREEK	O	MI CENTRAL R	42 46.9	39.0	26.	13.	17.	4.	E 0.	E 0.
	NCE-IFO			R. CO.	83 14.7						N .06	N .2
COUNTY NAME: **OCEANA**					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
HART DAM	MI00281	S BRANCH PENTWAT	H	HART HYDRO E	43 42.4	78.0	262.	32.	33.	4.	E .30	E 1.0
	NCE0122	ER		LECT SYSTEM	86 21.9						N 1.05	N 5.0
COUNTY NAME: **OGEMAW**					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
STYLUS LAKE	MI00288	AU GRES	R		44 19.2	84.0	106.	18.	22.	2.	E 0.	E 0.
	NCE0123				83 56.0						N .37	N 1.3
OGEMAW LAKE DAM	MI00296	PETERSON CREEK	R	OGEMAW COUNT	44 18.0	23.8	30.	26.	32.	7.	E 0.	E 0.
	NCE0124			Y	84 6.0						N .15	N .5
COUNTY NAME: **ONTONAGON**					FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH					
GRAND RAPIDS	MIU0010	ONTONAGAN	H		46 42.0	1310.0	1417.	55.	0.	0.	E 4.80	E 32.0
	NCE0125				89 12.0						N 17.73	N 20.4

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MICHIGAN

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: ONTONAGON					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				
HOOPER	MIU0012	W BR ONTONAGAN	H		46 36,0	610,0	672,*	63,*	0,*	0,*E	0, *E	0,
	NCE0126				89 30,0					*N	6,89*N	25,1
BOND FALLS	MI00153	ONTANAGAN	H	U,P, PWR CO	46 24,5	190,0	128,*	30,*	40,*	43,*E	0, *E	0,
	NCE0128				89 7,8					*N	,66*N	2,8
VICTORIA DIVERSION	MI00203	ONTONAGAN	H	U,P, PWR CO	46 41,3	650,0	519,*	84,*	113,*	20,*E	12,00*E	64,0
	NCE0129				89 13,8					*N	0, *N	0,
COUNTY NAME: OSCODA					FERC POWER SUPPLY AREA 11			FERC REGIONAL OFFICE CODE CH				
BAKER BRIDGE	MIU0003	AU SABLE	H		44 42,0	1045,0	948,*	29,*	0,*	0,*E	0, *E	0,
	NCE0130				84 6,0					*N	3,76*N	20,0
THOMPSON	MIU0024	AU SABLE	H		44 42,0	1588,0	1440,*	11,*	0,*	0,*E	0, *E	0,
	NCE0131				84 6,0					*N	2,17*N	11,5
MIO	MI00186	AU SABLE R	H	CONSUMERS PO	44 39,5	1225,0	1111,*	28,*	38,*	16,*E	5,00*E	15,0
	NCE0132			WER CO	84 7,5					*N	0, *N	0,
COUNTY NAME: OTSEGO					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				
FORKS	MIU0009	ONTONAGAN	H		46 42,0	1290,0	1396,*	36,*	0,*	0,*E	0, *E	0,
	NCE0149				89 12,0					*N	8,22*N	29,1
COUNTY NAME: SCHOOLCRAFT					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				
PAPER MILL	MI00377	MANISTIQUE	H	MANISTIQUE P	45 57,2	1100,0	1444,*	23,*	30,*	2,*E	0, *E	0,
	NCE0133			ULP + PAPER	86 14,8					*N	5,21*N	20,8
A-2 POOL	MI00635	SAND CREEK	O	DOI BSFW	46 18,0	50,3	53,*	9,*	12,*	2,*E	0, *E	0,
	NCE0134				86 0,					*N	,11*N	,3

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IN THE STATE OF MICHIGAN

(07/09/79)

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COUNTY NAME: SHIAWASSEE					FERC POWER SUPPLY AREA 11			FERC REGIONAL OFFICE CODE CH				
SCENIC LAKE DAM	MI00403	LOOKING GLASS RI	R	SCENIC LAKES	42 51.5	281.0	162.	12.	16.	3.	E 0.	E 0.
	NCE=IFO	VER		INC	84 19.7						N .41	N 1.1
COUNTY NAME: ST JOSEPH					FERC POWER SUPPLY AREA 12			FERC REGIONAL OFFICE CODE CH				
MOTTVILLE	MI00187	MILL CREEK	H	MICH PWR CO	41 48.4	1862.0	1549.	11.	16.	4.	E 1.68	E 7.1
	NCE0135				85 44.9						N 1.11	N 4.7
LAKE TEMPLENE	MI00470	PRAIRIE	R	ST JOSEPH CO	41 54.5	106.0	88.	13.	18.	9.	E 0.	E 0.
	NCE=IFO			L+L DEV COR	85 29.0						N .24	N .7
STURGIS	MI00534	ST JOSEPH	H	CITY OF STUR	41 58.2	944.0	762.	26.	29.	7.	E .68	E 4.1
	NCE0136			GIS	85 32.4						N 2.28	N 9.3
CONSTANTINE HYDRO	MI00535	ST JOSEPH	H	MICH POWER C	41 50.5	1542.0	1245.	11.	13.	4.	E 1.20	E 5.5
	NCE0137			O	85 39.0						N 1.10	N 3.9
UPPER CONSTANTINE DAM	MI00554	FANN RIVER	H		41 48.0	22.9	18.	8.	10.	3.	E 0.	E 0.
	NCE0138				85 42.0						N .05	N .1
LOWER CONSTANTINE DAM	MI00555	FAWN RIVER	H		41 48.0	22.9	18.	8.	10.	3.	E 0.	E 0.
	NCE0139				85 42.0						N .05	N .1
COUNTY NAME: ST. CLAIR					FERC POWER SUPPLY AREA 11			FERC REGIONAL OFFICE CODE CH				
FORDS DAM	MI00363	BLACK RIVER	R	TEL FARMS	43 6.0	483.0	281.	20.	27.	3.	E 0.	E 0.
	NCE0140				82 36.0						N 1.41	N 2.3
COUNTY NAME: WASHTENAW					FERC POWER SUPPLY AREA 11			FERC REGIONAL OFFICE CODE CH				
RAWSONVILLE	MI00194	HURON RIVER	H	JYRO	42 12.2	800.0	480.	33.	44.	23.	E 1.92	E 8.5
	NCE0141				83 33.5						N .76	N 1.7

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COUNTY NAME: **WASHTENAW**			FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH							
PENINSULAR PAPER CO.	MI00500	HURON	H	PENINSULAR PAPER CO.	42 12,0	800,0	480,	13,	16,	1,E	1,40E	3,3
	NCE-IF0				83 36,0					N	0, N	0,
SUPERIOR DAM	MI00558	HURON	H	DETROIT EDISON	42 15,9	792,0	475,	16,	32,	1,E	1,41E	3,3
	NCE-IF0			ON	83 35,5					N	0, N	0,
BARTON DAM	MI00560	HURON	H	CITY OF ANN ARBOR	42 18,5	723,0	434,	26,	29,	5,E	1,55E	5,2
	NCE-IF0				83 45,3					N	,41N	2,1
GEDDES DAM	MI00561	HURON	R		42 15,9	757,0	454,	17,	20,	3,E	,90E	3,1
	NCE-IF0				83 38,5					N	,44N	1,9
COUNTY NAME: **WAYNE**			FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH							
NEWBURGH DAM	MI00396	MIDDLE BR ROUGE	R	WAYNE CNTY R D COMM	42 24,0	105,0	73,	24,	31,	1,E	0, E	0,
	NCE0142	RIVER			83 24,0					N	,51N	1,1
FRENCH LANDING	MI00557	HURON	R	VAN BUREN TW	42 12,9	825,0	495,	31,	35,	26,E	2,69E	7,5
	NCE-IF0			P	83 26,9					N	0, N	0,
COUNTY NAME: **WEXFORD**			FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH							
DUTCH JOHN	MIU0007	MANISTEE	H		44 24,0	475,0	563,	40,	0,	0,E	0, E	0,
	NCE0150				85 42,0					N	3,01N	16,4
LOWER SIBLEY	MIU0015	MANISTEE	H		44 24,0	1086,0	1287,	50,	0,	0,E	0, E	0,
	NCE0151				85 42,0					N	7,68N	46,3
MANTON	MIU0016	MANISTEE	H		44 30,0	758,0	899,	41,	0,	0,E	0, E	0,
	NCE0152				85 24,0					N	4,92N	26,8
SANDS	MIU0021	MANISTEE	H		44 24,0	558,0	661,	57,	0,	0,E	0, E	0,
	NCE0153				85 42,0					N	5,03N	27,4

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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 MICHIGAN

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: **WEXFORD**					FERC POWER SUPPLY AREA 11			FERC REGIONAL OFFICE CODE CH				
SHERMAN	MIU0022	MANISTEE	H		44 24.0	925.0	1097.	55.	0.	0.	0. E	0.
	NCE0154				85 42.0						N 7.36	N 43.5

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STATE OF MINNESOTA

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

HEAD (FEET)		.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	3	80	4	84	0	2	2	4	0	6	0	6	3	88	6	94
	CAPCTY	12.0	30.2	8.8	39.0	0.0	41.8	39.6	81.5	0.0	196	0.0	196	12.0	268	48.5	317
	ENERGY	75.4	85.7	31.3	117	0.0	137	106	244	0.0	597	0.0	597	75.4	820	138	958
20-49	NUMBER	13	15	26	41	0	2	2	4	0	4	7	11	13	21	35	56
	CAPCTY	65.8	28.7	85.4	114	0.0	38.0	38.4	76.4	0.0	387	294	681	65.8	454	418	872
	ENERGY	395	88.6	283	372	0.0	106	128	234	0.0	936	752	1688	395	1131	1162	2293
50-99	NUMBER	2	2	11	13	0	1	0	1	0	1	4	5	2	4	15	19
	CAPCTY	13.0	4.1	33.7	37.8	0.0	20.5	0.0	20.5	0.0	44.6	208	253	13.0	69.3	242	311
	ENERGY	65.7	16.1	128	144	0.0	44.5	0.0	44.5	0.0	63.0	382	445	65.7	124	510	634
>100	NUMBER	0	0	4	4	0	0	2	2	1	1	6	7	1	1	12	13
	CAPCTY	0.0	0.0	18.4	18.4	0.0	0.0	47.3	47.3	67.3	197	254	451	67.3	197	319	516
	ENERGY	0.0	0.0	49.4	49.4	0.0	0.0	80.5	80.5	316	271	468	739	318	271	596	869
TOTAL	NUMBER	18	97	45	142	0	5	6	11	1	12	17	29	19	114	68	182
	CAPCTY	90.8	63.1	146	210	0.0	100	125	226	67.3	825	755	1581	158	989	1027	2016
	ENERGY	536	191	492	683	0.0	288	314	602	316	1868	1602	3469	854	2346	2408	4754

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 MINNESOTA

(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: AITKIN					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
MAYHEW LAKE	MN00241	MAYHEW CREEK	O		45 40.7	27.0	6.	8.	10.	5.*E	0. *E	0.
	NCS0002				94 7.6					*N	.05*N	.1
RIPPLE LAKE	MN00243	RIPPLE RIVER	O		46 27.7	90.0	21.	6.	8.	12.*E	0. *E	0.
	NCS0003				93 41.4					*N	.07*N	.2
HANGING KETTLE LAKE	MN00244	RIPPLE RIVER	O		46 28.6	93.0	22.	4.	6.	6.*E	0. *E	0.
	NCS0004				93 42.0					*N	.05*N	.1
SANDY LAKE	MN00583	SANDY RIVER	CR	DAEN NCS	46 47.3	421.0	207.	12.	16.	109.*E	0. *E	0.
	NCS0005				93 19.2					*N	.41*N	1.5
RICE RIVER POOL	MN00622	RICE RIVER	O	DOI BSFW	46 33.5	145.0	48.	8.	11.	38.*E	0. *E	0.
	NCS0006				93 21.7					*N	.11*N	.4
RICE LAKE POOL	MN00623	TR-RICE RIVER	O	DOI BSFW	46 32.4	138.0	46.	7.	9.	14.*E	0. *E	0.
	NCS0007				93 19.0					*N	.08*N	.3
COUNTY NAME: ANOKA					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
RICE CREEK	MNU0113	MISSISSIPPI	H		45 5.6	18800.0	7030.	22.	22.	6.*U	0. *U	0.
	NCS0008				93 16.7					*T	42.14*T	113.8
CEDAR CREEK	MNU0119	RUM	H		45 18.3	1360.0	561.	28.	28.	4.*U	0. *U	0.
	NCS0009				93 22.5					*T	3.20*T	9.4
RUM RIVER	MN00549	RUM RIVER	R	CITY OF ANOK	45 12.0	1484.0	611.	22.	30.	1.*E	0. *E	0.
	NCS0010			A	93 23.4					*N	3.17*N	8.5
COUNTY NAME: BECKER					FERC POWER SUPPLY AREA 26		FERC REGIONAL OFFICE CODE					
TWO INLETS LAKES	MN00020	HAY CREEK	O	STATE OF MN	47 1.8	110.0	52.	18.	6.	14.*E	0. *E	0.
	NCS0011				95 11.3					*N	.11*N	.3

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	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: BECKER				FERC POWER SUPPLY AREA 26		FERC REGIONAL OFFICE CODE						
HEIGHT OF LAND	MN00021	OTTERTAIL RIVER	O	STATE OF MN	46 53,2	195,0	39,	6,	8,	24,	E 0,	E 0,
	NCS0012				95 37,8						N ,06	N ,2
CHIPPEWA	MN00617	OTTERTAIL RIVER	O	DOI BSFW	46 57,1	114,0	22,	9,	12,	8,	E 0,	E 0,
	NCS0013				95 37,2						N ,06	N ,1
COUNTY NAME: BELTRAMI				FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE						
MOVIL LAKE	MN00015	TURTLE RIVER	O	STATE OF MN	47 37,5	77,0	54,	9,	12,	19,	E 0,	E 0,
	NCS0014				94 46,9						N ,07	N ,1
MISSISSIPPI RIVER	MN00504	MISSISSIPPI RIVER	H	OTTERTAIL PO	47 29,1	608,0	102,	18,	24,	5,	E 0,	E 0,
R	NCS0015	R		WER CO	94 43,1						N ,75	N 3,3
COUNTY NAME: BIG STONE				FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE						
BIG STONE LAKE	MN00169	MINNESOTA RIVER	O		45 17,6	1160,0	113,	12,	15,	105,	E 0,	E 0,
	NCS0016				96 26,9						N ,34	N ,6
COUNTY NAME: BLUE EARTH				FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE						
NEW ULM B	MNU0126	MINNESOTA	H		44 12,2	11100,0	1853,	20,	20,	11,	U 0,	U 0,
	NCS0017				94 12,4						T 3,84	T 14,1
MANKATO	MNU0129	MINNESOTA	H		44 9,6	14900,0	2488,	60,	60,	330,	U 0,	U 0,
	NCS0018				94 4,6						T 54,90	T 103,9
BLUE EARTH	MNU0130	BLUE EARTH	H		44 8,5	3550,0	1160,	215,	215,	1900,	U 0,	U 0,
	NCS0019				94 2,4						T 84,80	T 151,9
RAPIDAN	MN00512	BLUE EARTH RIVER	H	NORTHERN STA	44 5,5	2430,0	826,	52,	70,	4,	E 0,	E 0,
	NCS0020			TES POWER	94 6,5						N 3,90	N 14,9

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

(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: BROWN						FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE				
NEW ULM A	MNU0126	MINNESOTA	H		44 20,9	9530,0	977,*	55,*	55,*	575,*U	0, *U	0,
	NCS0147				94 29,2					*T	32,19*T	60,9
COTTONWOOD	MNU0127	COTTONWOOD	H		44 17,3	1290,0	260,*	155,*	155,*	370,*U	0, *U	0,
	NCS0148				94 27,1					*T	6,50*T	15,2
COUNTY NAME: CARLTON						FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE CH				
CLOQUET	MN00598	ST, LOUIS		NORTHWEST PA	46 43,2	3430,0	2217,*	29,*	39,*	1,*E	5,51*E	29,7
	NCS0021			PER CO,	92 25,7					*N	,71*N	1,8
FOND DU LAC	MN00603	ST LOUIS	H	MINN PWR + L	46 39,9	3600,0	2347,*	78,*	85,*	2,*E	12,00*E	63,3
	NCS0022			T CO	92 17,6					*N	44,66*N	63,1
THOMSON	MN00604	ST LOUIS	H	MINN PWR + L	46 39,9	3560,0	2321,*	368,*	16,*	4,*E	67,35*E	318,0
	NCS0023			T CO	92 24,4					*N	197,01*N	271,4
SCANLON	MN00605	ST, LOUIS		MINN, P+L CO	46 42,6	3436,0	2221,*	17,*	23,*	1,*E	1,60*E	14,0
	NCS0024			,	92 25,3					*N	4,41*N	7,9
KNIFE FALLS	MN00606	ST LOUIS	H	MINN PWR + L	46 43,6	3426,0	2233,*	18,*	21,*	2,*E	2,40*E	12,1
	NCS0025			T CO	92 26,9					*N	3,71*N	10,8
COUNTY NAME: CARVER						FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE				
CARVER	MNU0131	MINNESOTA	H		44 45,0	16200,0	3148,*	40,*	40,*	310,*U	0, *U	0,
	NCS0149				93 37,3					*T	44,28*T	86,7
COUNTY NAME: CASS						FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE				
DAYS HIGH LAND	MNU0120	MISSISSIPPI	H		47 15,0	3175,0	1123,*	19,*	19,*	435,*U	0, *U	0,
	NCS0026				93 48,4					*T	4,19*T	17,9

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	AVERAGE DRAINAGE AREA (SQ MI)	NET ANNUAL INFLOW (CFS)	HEIGHT POWER HEAD (FT)	MAXIMUM OF DAM (FT)	STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CASS					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
MUD-GOOSE LAKE	MN00040 NCS0027	LEECH LAKE RIVER	O		47 16.1 / 93 57.3	1150.0	345.	6.	8.	45.	E 0. / N .47	E 0. / N 2.0
BIG RICE LAKE	MN00041 NCS0028	LAURA BROOK	OI		47 .2 / 93 54.9	61.0	24.	5.	7.	13.	E 0. / N .09	E 0. / N .2
LEECH LAKE	MN00585 NCS0029	LEECH LAKE RIVER	CR	DAEN NCS	47 14.4 / 94 13.3	1163.0	349.	7.	10.	1000.	E 0. / N .55	E 0. / N 2.6
GULL LAKE	MN00596 NCS0030	GULL RIVER	CR	DAEN NCS	46 24.7 / 94 21.2	287.0	104.	8.	11.	111.	E 0. / N .21	E 0. / N .7
SYLVAN	MN00601 NCS0031	CROW WING	H	MINNESOTA PW & LT CO	46 18.3 / 94 22.7	3575.0	1681.	22.	34.	10.	E 1.80 / N 3.49	E 9.8 / N 9.5
COUNTY NAME: CHIPPEWA					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
MONTEVIDEO	MN00123 NCS0150	MINNESOTA	H		44 56.6 / 95 44.6	6180.0	633.	35.	35.	500.	U 0. / T 4.10	U 0. / T 11.2
COUNTY NAME: CHISAGO					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE CH					
NEVERS	MN00133 NCS0151	ST CROIX	H		45 32.3 / 92 43.3	5850.0	3976.	45.	45.	419.	U 0. / T 48.50	U 0. / T 126.1
COUNTY NAME: CLEARWATER					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
LOWER RED LAKE	MN00573 NCS0032	RED LAKE RIVER	CS	DAEN NCS	47 57.4 / 95 16.6	1950.0	404.	7.	10.	3985.	E 0. / N .53	E 0. / N 2.3

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

(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: COOK					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
DEVIL NO 2	MNU0074	DEVIL TRACK	H		47 47.0	75.0	23.	50.	50.	0.*U	0. *U	0.
	NCS0033				90 19.0					*T	1.07*T	2.3
MILE 5.1	MNU0075	DEVIL TRACK	H		47 48.3	65.0	17.	50.	50.	1.*U	0. *U	0.
	NCS0034				90 19.2					*T	.92*T	2.0
MILE 2.7	MNU0076	CROSS	H		47 33.5	85.0	34.	25.	25.	0.*U	0. *U	0.
	NCS0035				90 54.8					*T	.85*T	1.5
TEMPERANCE	MNU0077	TEMPERANCE	H		47 35.2	175.0	53.	25.	25.	0.*U	0. *U	0.
	NCS0036				90 53.3					*T	1.42*T	3.0
BRULE NO 3	MNU0082	BRULE	H		47 52.7	235.0	60.	230.	230.	10.*U	0. *U	0.
	NCS-IFO				90 4.2					*T	23.88*T	40.6
BRULE NO 4	MNU0083	BRULE	H		47 51.8	240.0	62.	320.	320.	6.*U	0. *U	0.
	NCS-IFO				90 3.7					*T	33.93*T	57.8
BRULE NO 5	MNU0084	BRULE	H		47 49.7	245.0	63.	270.	270.	5.*U	0. *U	0.
	NCS-IFO				90 3.0					*T	29.23*T	49.7
MILE 3.6	MNU0085	CASCADE	H		47 43.2	80.0	37.	663.	663.	35.*U	0. *U	0.
	NCS-IFO				90 32.0					*T	23.44*T	39.9
MILE 1.8	MNU0086	CASCADE	H		47 44.1	94.0	43.	60.	60.	1.*U	0. *U	0.
	NCS0037				90 32.0					*T	1.89*T	3.9
LOWER POPLAR	MNU0087	POPLAR	H		47 39.8	90.0	17.	150.	150.	1.*U	0. *U	0.
	NCS0038				90 43.2					*T	3.55*T	8.5
UPPER POPLAR	MNU0088	POPLAR	H		47 38.7	100.0	20.	60.	60.	0.*U	0. *U	0.
	NCS0039				90 43.0					*T	1.97*T	4.1
HIGH FALLS	MNU0095	PIGEON	H		48 .3	600.0	497.	225.	225.	1.*U	0. *U	0.
	NCS-IFO				89 35.9					*T	37.79*T	75.9

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

(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: COOK						FERC POWER SUPPLY AREA 13					FERC REGIONAL OFFICE CODE	
MILE 9.9	MNU00096 NCS00040	PIGEON	H		48 .6 89 42.6	580.0	480.	65.	65.	15.	U 0.	U 0.
										T	T 3.46	T 14.3
PARTRIDGE	MNU00097 NCS00041	PIGEON	H		47 59.7 89 50.8	565.0	460.	23.	23.	13.	U 0.	U 0.
										T	T 3.64	T 7.3
SOUTH FOWL LAKE	MN00090 NCS00042	PIGEON RIVER	O	CANADA	48 2.4 89 59.8	470.0	389.	9.	12.	31.	E 0.	E 0.
										N	N .38	N 1.6
COUNTY NAME: COTTONWOOD						FERC POWER SUPPLY AREA 17					FERC REGIONAL OFFICE CODE CH	
WINDOM	MNU0136 NCR-IF0	WEST FORK DESMOI NES RIVER			43 50.0 95 5.0	1110.0	227.	9.	0.	0.	U 0.	U 0.
										T	T .40	T .9
TALCOT LAKE	MN00161 NCS0043	DES MOINES RIVER	O		43 53.1 95 26.2	457.0	13.	8.	11.	5.	E 0.	E 0.
										N	N .22	N .4
COUNTY NAME: CROW WING						FERC POWER SUPPLY AREA 16					FERC REGIONAL OFFICE CODE	
EAGLE LAKE	MN00048 NCS0044	DAGGETT BROOK	O	STATE OF MN	46 44.8 94 3.1	85.0	32.	4.	6.	7.	E 0.	E 0.
										N	N .08	N .2
ISLAND LAKE	MN00054 NCS0045	MUD BROOK	O	STATE OF MN	46 40.7 93 54.4	81.0	31.	4.	6.	5.	E 0.	E 0.
										N	N .08	N .2
PINE RIVER LAKE	MN00582 NCS0046	PINE RIVER	CR	DAEN NCS	46 40.1 94 6.7	562.0	212.	11.	15.	194.	E 0.	E 0.
										N	N .47	N 1.8
COUNTY NAME: DAKOTA						FERC POWER SUPPLY AREA 16					FERC REGIONAL OFFICE CODE	
LOCKS AND DAM NO 2	MN00594 NCS=IF0	MISSISSIPPI	N	DAEN NCS	44 45.6 92 52.1	37100.0	10313.	11.	12.	240.	E 0.	E 0.
										N	N 31.95	N 81.0

LEGEND

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

(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: FILLMORE						FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE CH				
BRIGHTDALE	MN00132	ROOT	H		43 46.0	610.0	316.	123.	123.	386.	U 0.	U 0.
	NCS0049				92 0.						T 5.78	T 20.4
CANNON RIVER	MN00514	CANNON RIVER	R	DAKOTA + GOO	44 30.7	1116.0	414.	44.	58.	25.	E 0.	E 0.
	NCS0046			DHUE COUNTY	92 56.4						N 3.22	N 9.8
COUNTY NAME: FREEBORN						FERC POWER SUPPLY AREA 17		FERC REGIONAL OFFICE CODE				
ALBERT LEA LAKE	MN00362	SHELL ROCK RIVER	O		43 36.7	153.0	72.	10.	0.	16.	E 0.	E 0.
	NCR0076				93 16.3						N .25	N .5
COUNTY NAME: HENNEPIN						FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE				
MISSISSIPPI RIVER	MN00507	MISSISSIPPI RIVER	R		45 8.6	19100.0	7366.	17.	23.	2.	E 0.	E 0.
	NCS0050	R			93 18.7						N 33.72	N 89.7
COUNTY NAME: HOUSTON						FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE				
STRUCTURE R-3	MN00524	SOUTH FORK CROOK	C	CROOKED CREE	43 36.2	36.0	15.	37.	50.	1.	E 0.	E 0.
	NCS0052	ED CREEK		K DIST.	91 24.8						N .09	N .3
COUNTY NAME: HUBBARD						FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE				
PORTAGE LAKE	MN00185	PORTAGE RIVER	O		46 57.8	155.0	37.	6.	6.	5.	E 0.	E 0.
	NCS0053				95 6.0						N .05	N .1
STATOE LAKE	MN00186	FISH HOOK RIVER	O	DNR	46 58.7	210.0	37.	6.	8.	90.	E 0.	E 0.
	NCS0054				95 2.8						N .07	N .2
LONG LAKE	MN00187	SHELL RIVER	O		46 50.5	333.0	123.	9.	10.	58.	E 0.	E 0.
	NCS0055				95 .7						N .16	N .4

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

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: ITASCA					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
BALL CLUB LAKE	MN00075	BALL CLUB RIVER	O		47 21,0	45,0	47,*	5,*	7,*	158,*E	0,	0,
	NCS0056				93 54,3						*N ,05	*N ,1
POKEGAMA LAKE	MN00584	MISSISSIPPI	CR	DAEN NCS	47 15,1	3265,0	1105,*	8,*	11,*	130,*E	0,	0,
	NCS0057				93 35,2						*N 1,84	*N 7,9
LAKE WINNIBIGOSH ISH	MN00586	MISSISSIPPI	CR	DAEN NCS	47 25,8	1442,0	510,*	14,*	19,*	1072,*E	0,	0,
	NCS0058				94 3,0						*N 1,40	*N 6,0
BLANDIN	MN00602	MISSISSIPPI	H	BLANDIN PAPE R CO	47 13,9	3370,0	1140,*	20,*	23,*	10,*E	2,10	*E 10,0
	NCS0059				93 31,8						*N 2,26	*N 6,1
PRAIRIE RIVER	MN00609	PRAIRIE	H	BLANDIN PWR CO	47 17,2	446,0	295,*	35,*	19,*	16,*E	1,08	*E 3,4
	NCS-IFO				93 29,8						*N 1,40	*N 2,7
COUNTY NAME: JACKSON					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
HERON LAKE-OUTLET	MN00115	HERON LAKE OUTLE T	O	STATE OF MIN N	43 47,6	457,0	106,*	5,*	7,*	100,*E	0,	*E 0,
	NCS0060				95 17,5						*N ,15	*N ,3
COUNTY NAME: KANABEC					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
KNIFE LAKE	MN00400	KNIFE RIVER	O	STATE OF MN	45 57,7	92,0	17,*	14,*	19,*	11,*E	0,	*E 0,
	NCS0061				93 18,8						*N ,15	*N ,3
COUNTY NAME: KANDIYOHI					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
CROW RIVER	MN00062	CROW RIVER	O		45 18,0	53,0	97,*	18,*	25,*	13,*E	0,	*E 0,
	NCS0062				94 56,9						*N ,09	*N ,2
KANDIYOHI LAKE	MN00064	TR-SOUTH FORK CR	O		45 ,5	97,0	20,*	7,*	9,*	47,*E	0,	*E 0,
	NCS0063	OW RIVER			94 54,8						*N ,06	*N ,1

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

(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: **KANDIYOHI**					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
GREEN LAKE	MN00370	CROW RIVER	O		45 16,0	168,0	46,*	6,*	8,*	175,*E	0, *E	0,
	NCS0064				94 52,0					*N	,09*N	,2
COUNTY NAME: **KITTSON**					FERC POWER SUPPLY AREA 26		FERC REGIONAL OFFICE CODE					
BRONSON LAKE	MN00017	TWO RIVERS-SO BR-RS			48 43,4	444,0	71,*	27,*	36,*	6,*E	0, *E	0,
	NCS0065	ANCH			96 38,0					*N	,85*N	1,0
COUNTY NAME: **KOOCHICHING**					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
BIG FALLS	MNU0101	BIG FORK	H		48 11,6	1460,0	637,*	23,*	23,*	42,*U	0, *U	0,
	NCS0066				93 48,4					*T	3,14*T	9,0
MILE 14,2	MNU0102	BIG FORK	H		48 26,0	1785,0	779,*	25,*	25,*	6,*U	0, *U	0,
	NCS0067				93 46,0					*T	3,72*T	11,5
MILE 32,2	MNU0103	BIG FORK	H		48 24,7	1753,0	765,*	40,*	40,*	37,*U	0, *U	0,
	NCS0068				93 48,4					*T	3,30*T	14,1
MILE 11,0	MNU0104	LITTLE FORK	H		48 27,5	1720,0	1030,*	20,*	20,*	16,*U	0, *U	0,
	NCS0069				93 36,5					*T	3,86*T	10,5
MILE 31,1	MNU0105	LITTLE FORK	H		48 21,3	1580,0	886,*	28,*	28,*	37,*U	0, *U	0,
	NCS0070				93 29,7					*T	4,35*T	12,9
MILE 61,9	MNU0106	LITTLE FORK	H		48 10,7	1270,0	712,*	37,*	37,*	35,*U	0, *U	0,
	NCS0071				93 29,0					*T	3,36*T	11,9
MILE 89,8	MNU0107	LITTLE FORK	H		48 ,8	1156,0	648,*	38,*	38,*	22,*U	0, *U	0,
	NCS0072				93 15,0					*T	3,28*T	11,4
MILE 110,9	MNU0108	LITTLE FORK	H		47 53,5	953,0	534,*	55,*	55,*	125,*U	0, *U	0,
	NCS0073				93 2,5					*T	3,58*T	12,9

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

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: KOOCHICHING					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
RAINY LAKE	MN00653	RAINY RIVER	H	MN=ONT, PAPE	48 36,4	15176,0	9387,	25,	34,	4000,	E 0,	E 0,
	NCS0074			R COMPANY	93 24,1						N 47,07	N 183,9
COUNTY NAME: LAC QUI PARLE					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
MARSH LAKE	MN00579	MINNESOTA	C	DAEN NCS	45 10,3	2470,0	241,	13,	17,	121,	E 0,	E 0,
	NCS0075				96 5,6						N ,49	N 1,7
LAC QUI PARLE	MN00580	MINNESOTA	CR	DAEN NCS	45 1,3	4050,0	636,	18,	24,	123,	E 0,	E 0,
	NCS0076				95 52,0						N 2,28	N 4,5
HIGHWAY 75 DAM LAKE	MN00581	MINNESOTA RIVER	CR	DAEN NCS	45 14,9	1340,0	131,	16,	22,	123,	E 0,	E 0,
	NCS0077				96 17,5						N ,53	N 1,3
COUNTY NAME: LAKE					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
MILE 4,4	MNU0078	MANITOU	H		47 28,8	65,0	19,	60,	60,	0,	U 0,	U 0,
	NCS0078				91 5,9						T 1,53	T 2,8
MILE 0,5	MNU0079	MANITOU	H		47 26,4	71,0	21,	110,	110,	11,	U 0,	U 0,
	NCS0079				91 4,0						T 2,63	T 5,3
MILE 1	MNU0080	BEAVER BAY	H		47 16,0	120,0	163,	20,	20,	1,	U 0,	U 0,
	NCS0080				91 17,9						T ,84	T 1,7
GOOSEBERRY	MNU0081	GOOSEBERRY	H		47 8,8	70,0	12,	15,	15,	0,	U 0,	U 0,
	NCS0081				91 28,2						T ,41	T ,8
BAPTISM	MNU0089	BAPTISM	H		47 21,7	130,0	151,	598,	598,	1,	U 0,	U 0,
	NCS=IF0				91 13,0						T 34,35	T 58,5
MCDOUGAL LAKE	MN00087	STONY RIVER	O	STATE OF MN	47 38,4	37,0	26,	6,	8,	4,	E 0,	E 0,
	NCS0082				91 33,7						N ,09	N ,2

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

(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: LAKE					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
WILSON LAKE	MN00088	WILSON CREEK	R		47 39.7	33.0	13.	9.	10.	10.	E 0.	E 0.
	NCS0083				91 2.8						N .08	N .2
WINTON	MN00607	KAWISHIWI	H	MINN PWR + L	47 57.0	1200.0	956.	21.	41.	12.	E 4.00	E 21.7
	NCS-IF0			T CO	91 45.8						N 0.	N 0.
PRAIRIE PORTAGE	MN00646	RAINY RIVER	RNC	USDA FS	48 3.0	140.0	87.	10.	12.	8.	E 0.	E 0.
	NCS0084				91 26.3						N .36	N .9
GABBRO LAKE NUMBER TWO	MN00647	ISABELLA RIVER	HRC	USDA FS	47 51.0	321.0	264.	6.	7.	10.	E 0.	E 0.
	NCS0085				91 37.7						N .27	N .8
BIRCH LAKE	MN00654	BIRCH RIVER	S	MINN POWER A	47 48.9	467.0	372.	6.	8.	7.	E 0.	E 0.
	NCS0086			ND LIGHT	91 47.0						N .35	N 1.2
KAWISHIWI RIVER	MN00655	KAWISHIWI RIVER	H	MINN POWER +	47 56.0	1200.0	956.	67.	67.	14.	E 0.	E 0.
	NCS-IF0			LIGHT	91 45.8						N 20.52	N 44.6
COUNTY NAME: LE SUEUR					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
TETONKA	MN00150	BIG CANNON RIVER	O	STATE OF MN	44 13.4	110.0	55.	6.	9.	76.	E 0.	E 0.
	NCS0087				93 34.3						N .11	N .2
COUNTY NAME: MARSHALL					FERC POWER SUPPLY AREA 26		FERC REGIONAL OFFICE CODE					
THIEF LAKE	MN00218	THIEF RIVER	R		48 29.2	61.0	8.	12.	16.	64.	E 0.	E 0.
	NCS0088				94 49.1						N .06	N .1
POOL TWENTY ONE	MN00625	MUD RIVER	O	DOI BSFW	48 22.2	159.0	22.	6.	8.	5.	E 0.	E 0.
	NCS0089				95 53.3						N .08	N .1
POOL TWENTY FIVE	MN00629	WEBSTER CREEK	O	DOI BSFW	48 22.2	171.0	24.	5.	7.	7.	E 0.	E 0.
	NCS0090				95 56.6						N .07	N .1

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

(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: MARSHALL					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
POOL TWENTY SEVEN	MN00630	THIEF RIVER	O	DOI BSFW	48 18.8	165.0	23.	12.	16.	94.E	0. E	0.
	NCS0091				96 .8					N	.23N	.4
POOL ELEVEN	MN00637	TR-THIEF RIVER	O	DOI BSFW	48 18.2	171.0	24.	6.	8.	15.E	0. E	0.
	NCS0092				96 3.3					N	.12N	.2
POOL TEN	MN00638	THIEF RIVER	O	DOI BSFW	48 18.6	171.0	24.	7.	9.	10.E	0. E	0.
	NCS0093				96 3.5					N	.13N	.3
POOL THREE	MN00640	THIEF RIVER-OFFS	O	DOI BSFW	48 22.2	95.0	13.	7.	9.	12.E	0. E	0.
	NCS0094	TREAM			96 .4					N	.05N	.1
POOL ONE	MN00641	THIEF RIVER-OFFS	O	DOI BSFW	48 23.9	90.0	12.	6.	11.	9.E	0. E	0.
	NCS0095	TREAM			95 59.8					N	.06N	.1
COUNTY NAME: MARTIN					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
GEORGE LAKE	MN00102	CENTER CREEK	O	CITY OF FAIR MONT	43 39.7	105.0	9.	10.	13.	6.E	0. E	0.
	NCS0096				94 28.5					N	.14N	.2
COUNTY NAME: MCLEOD					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
SOUTH FORK CROW RIVER	MN00158	SOUTH FORK CROW	R		44 53.7	224.0	13.	8.	13.	3.E	0. E	0.
	NCS0097	RIVER			94 22.1					N	.16N	.4
COUNTY NAME: MELLELAC8					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
ONAMIA LAKE	MN00252	RUM RIVER	O	DNR	46 4.1	430.0	178.	6.	8.	17.E	0. E	0.
	NCS0098				93 40.8					N	.24N	.5

LEGEND

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

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: MORRISON					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
TOPEKA ISLAND	MN00118	MISSISSIPPI	H		46 5.1	9910.0	3706.	20.	20.	3.	0. U	0. U
	NCS0099				94 20.0						17.74 T	64.3
CROW WING RIVER	MN00608	CROW WING RIVER	H	MINN PWR + L	46 18.9	3154.0	1483.	22.	30.	6.	1.52 E	9.3
	NC3-IF0			T CO	94 29.1						1.82 N	2.5
COUNTY NAME: OTTER TAIL					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
PRAIRIE LAKE	MN00192	PELICAN RIVER	O		46 35.3	200.0	63.	7.	10.	16.	0. E	0.
	NCS0101				96 4.3						.08 N	.2
LIZZIE LAKE	MN00193	PELICAN RIVER	O		46 36.7	167.0	52.	6.	8.	23.	0. E	0.
	NCS0102				96 1.9						.05 N	.1
HOOT LAKE	MN00194	OTTER TAIL RIVER	H		46 17.5	615.0	434.	52.	70.	3.	1.00 E	2.5
	NCS0103				96 2.6						.22 N	1.2
DAYTON HOLLOW	MN00196	OTTER TAIL RIVER	H	DAYTON-HOLLO	46 13.8	1820.0	543.	26.	35.	4.	0. E	0.
	NCS-IF0			W	96 7.0						1.50 N	5.3
OTTER TAIL RIVER	MN00199	OTTER TAIL RIVER	H		46 22.9	400.0	58.	15.	20.	2.	0. E	0.
	NCS0104				96 2.4						.24 N	.7
OTTER TAIL LAKE	MN00209	OTTERTAIL RIVER	O	MR EVENSON	46 21.6	550.0	108.	6.	8.	557.	0. E	0.
	NCS0105				95 44.0						.13 N	.4
RUSH LAKE	MN00211	OTTERTAIL RIVER	O		46 28.5	402.0	79.	6.	8.	72.	0. E	0.
	NCS0106				95 35.4						.09 N	.3
PINE LAKE BIG	MN00212	OTTERTAIL RIVER	O		46 35.5	330.0	65.	4.	6.	92.	0. E	0.
	NCS0107				95 30.3						.08 N	.2
ORWELL LAKE	MN00574	OTTER TAIL RIVER	CS	DAEN NCS	46 13.0	1830.0	263.	36.	49.	28.	0. E	0.
	NCS0108				96 10.8						2.04 N	7.4

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

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: **PINE**					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE CH					
KETTLE R RAPIDS	MNU0134	KETTLE	H		46 8,7	4180,0	2945,*	78,*	78,*	331,*U	0, *U	0,
	NCS0109				92 51,6					*T	95,86*T	172,7
CROSS LAKE	MN00500	SNAKE RIVER	O	STATE OF MN	45 50,4	958,0	569,*	7,*	10,*	15,*E	0, *E	0,
	NCS0110				92 56,3					*N	,60*N	3,7
COUNTY NAME: **POLK**					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
MILE 12,0	MNU0068	RED LAKE	H		47 45,8	5270,0	1002,*	18,*	18,*	17,*U	0, *U	0,
	NCS0152				96 30,1					*T	3,84*T	11,8
CORPS HUOT	MNU0072	RED LAKE	H		47 49,4	5260,0	997,*	100,*	100,*	240,*U	0, *U	0,
	NCS0153				96 28,0					*T	33,61*T	74,1
COUNTY NAME: **RED LAKE**					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
MILE 25,7	MNU0069	RED LAKE	H		47 52,0	5245,0	994,*	42,*	42,*	30,*U	0, *U	0,
	NCS0154				96 25,6					*T	5,01*T	22,6
MILE 45,6	MNU0070	RED LAKE	H		47 53,6	5075,0	962,*	30,*	30,*	1,*U	0, *U	0,
	NCS0155				96 13,1					*T	3,80*T	16,3
MILE 50,9	MNU0071	RED LAKE	H		47 54,8	5070,0	961,*	20,*	20,*	1,*U	0, *U	0,
	NCS0156				96 11,5					*T	3,94*T	12,5
COUNTY NAME: **REDWOOD**					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
DELHI A	MNU0124	MINNESOTA	H		44 39,6	7800,0	799,*	35,*	35,*	43,*U	0, *U	0,
	NCS0157				95 14,2					*T	3,63*T	12,0
DELHI B	MNU0125	MINNESOTA	H		44 37,2	7816,0	801,*	85,*	85,*	400,*U	0, *U	0,
	NCS0158				95 9,8					*T	25,11*T	43,9

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

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: **RICE**				FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE						
CANNON RIVER	MN00353	CANNON RIVER	R	FARIBAULT CI	44 17.5	340.0	48.	10.	13.	5.E	0. E	0.
	NCS0111			TY	93 17.7					N	.28 N	.7
COUNTY NAME: **SHERBURNE**				FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE CH						
ELK RIVER	MN00516	ELK RIVER	H	ELK RIVER MU	45 18.2	610.0	248.	11.	15.	3.E	0. E	0.
	NCS0112			N UTIL	93 35.1					N	.46 N	1.6
COUNTY NAME: **ST LOUIS**				FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE CH						
GRAND RAPIDS	MNU0073	ST LOUIS	H		46 39.1	3565.0	2324.	66.	66.	300. U	0. U	0.
	NCS-IF0				92 21.1					T	5.35 T	24.2
MILE 9.8	MNU0090	ST LOUIS	H		46 48.2	3170.0	2067.	21.	21.	1. U	0. U	0.
	NCS0113				92 29.1					T	5.14 T	23.0
MILE 52.4	MNU0091	ST LOUIS	H		47 4.1	1200.0	782.	26.	28.	8. U	0. U	0.
	NCS0114				92 46.6					T	4.03 T	13.1
MILE 78.5	MNU0092	ST LOUIS	H		47 18.5	881.0	689.	38.	38.	10. U	0. U	0.
	NCS0115				93 29.1					T	2.32 T	9.9
MILE 123.9	MNU0093	ST LOUIS	H		47 29.5	320.0	244.	30.	30.	2. U	0. U	0.
	NCS0116				92 15.7					T	2.24 T	4.9
MILE 100	MNU0094	ST LOUIS	H		47 22.2	500.0	391.	30.	30.	12. U	0. U	0.
	NCS0117				92 28.0					T	3.13 T	7.5
MILE 69.9	MNU0098	CLOQUET	H		46 51.6	742.0	126.	50.	50.	19. U	0. U	0.
	NCS0118				92 34.5					T	4.59 T	21.1
MILE 61.5	MNU0099	CLOQUET	H		46 57.0	698.0	120.	45.	45.	21. U	0. U	0.
	NCS0119				92 28.8					T	2.86 T	11.5

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

COUNTY NAME: **ST LOUIS** — FERC POWER SUPPLY AREA 16 — FERC REGIONAL OFFICE CODE

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)
MILE 32.4	MN00100	CLOQUET	H		47 1.7	438.0	75.	35.	35.	4. U	0. U	0.
	NCS0138				92 5.3					T	2.88 T	7.4
CHAIN LAKES	MN00109	VERMILION	H		48 3.6	610.0	378.	90.	90.	131. U	0. U	0.
	NCS0139				92 28.6					T	4.91 T	21.2
RICE BEDS	MN00110	VERMILLION	H		48 15.5	910.0	563.	33.	33.	44. U	0. U	0.
	NCS0140				92 34.5					T	3.61 T	12.7
CRANE LAKE	MN00111	VERMILION	H		48 16.4	927.0	574.	55.	55.	3. U	0. U	0.
	NCS0141				92 30.8					T	4.44 T	19.4
WOLF LAKE	MN00003	WOLF CREEK	R	STATE OF MN	47 17.6	45.0	29.	8.	11.	4. E	0. E	0.
	NCS0120				91 56.1					N	.15 N	.3
ELY LAKE	MN00005	TR-ST LOUIS RIVE	R	STATE OF MN	47 26.6	224.0	38.	5.	6.	61. E	0. E	0.
	NCS0121	R			92 28.4					N	.27 N	.5
PIKE RIVER	MN00092	PIKE RIVER	R	CITY OF TOWE	47 47.5	130.0	85.	16.	22.	3. E	0. E	0.
	NCS0122			R	92 22.1					N	.52 N	.9
KETTLE FALLS	MN00093	TR-RAINY RIVER	S	MN AND ONTAR	48 30.0	13993.0	8656.	15.	20.	703. E	0. E	0.
	NCS0123			IO POWER CO.	92 38.3					N	27.86 N	101.6
ST LOUIS RIVER	MN00094	ST LOUIS RIVER	S	OGLEBAY NORT	47 22.2	713.0	578.	14.	19.	2. E	0. E	0.
	NCS0124			ON COMPANY	92 34.1					N	1.73 N	4.7
STURGEON LAKE	MN00095	STURGEON RIVER	R	STATE OF MN	47 39.6	95.0	59.	6.	8.	76. E	0. E	0.
	NCS0125				93 1.0					N	.13 N	.2
PELICAN LAKE	MN00097	PELICAN RIVER	O	STATE OF MN	48 2.0	59.0	14.	7.	10.	241. E	0. E	0.
	NCS0126				92 49.9					N	.10 N	.2
WYNNE LAKE	MN00098	EMBRASS RIVER	O	STATE OF MN	47 32.3	98.0	38.	9.	12.	8. E	0. E	0.
	NCS0127				92 18.8					N	.22 N	.4

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(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

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 LOUIS					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
ESQUAGAMA LAKE	MN00099	EMBARRASS RIVER	O		47 27.3	147.0	31.	6.	8.	18.	E 0.	E 0.
	NCS0128				92 23.0						N .23	N .4
BEAR ISLAND	MN00369	TR-BEAR ISLAND R	R		47 47.4	46.0	28.	5.	6.	91.	E 0.	E 0.
	NCS0129	IVER			91 55.4						N .05	N .1
WHITEFACE LAKE	MN00610	SKUNK + WHITEFAC	O	MINN PWR + L	47 16.8	116.0	71.	27.	36.	110.	E 0.	E 0.
	NCS0130	E RIVER		T CO	92 11.5						N .76	N 1.4
BOULDER LAKE	MN00611	OTTER	O	MINN PWR + L	47 3.1	33.0	6.	15.	20.	43.	E 0.	E 0.
	NCS0131			T CO	92 12.0						N .07	N .3
ISLAND LAKE	MN00612	CLOQUET	O	MINN PWR + L	46 59.5	320.0	54.	33.	45.	196.	E 0.	E 0.
	NCS0132			T CO	92 13.5						N 2.32	N 5.4
FISH LAKE	MN00614	BEAVER	O	MINN PWR + L	46 57.4	73.0	18.	15.	20.	49.	E 0.	E 0.
	NCS0133			T CO	92 16.7						N .26	N 1.1
COUNTY NAME: STEARNS					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE CH				
BAILEY STATION	MNU0112	MISSISSIPPI	H		45 19.6	13755.0	3824.	29.	29.	23.	U 0.	U 0.
	NCS-IFO				93 49.3						T 39.23	T 105.1
JOHNSON CREEK	MNU0116	MISSISSIPPI	H		45 28.0	12450.0	4655.	20.	20.	6.	U 0.	U 0.
	NCS0134				94 6.0						T 20.71	T 63.2
SAVK RAPIDS	MNU0117	MISSISSIPPI	H		45 35.5	12400.0	4637.	15.	15.	0.	U 0.	U 0.
	NCS0135				94 10.5						T 18.29	T 49.0
CLEARWATER	MNU0121	MISSISSIPPI	H		45 25.7	13465.0	4835.	29.	29.	53.	U 0.	U 0.
	NCS-IFO				94 2.5						T 38.41	T 102.9
SARTELL	MN00505	MISSISSIPPI	H	ST. REGIS PA	45 37.2	12450.0	4716.	22.	30.	1.	E 3.17	E 10.0
	NCS0136			PER CO.	94 12.2						N 19.15	N 59.6

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PRELIMINARY ESTIMATES

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

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: STEARNS					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
SAUK RIVER	MN00560	SAUK RIVER	R	CITY OF SAUK	45 44.4	367.0	144.	8.	11.	20.	E 0.	E 0.
	NCS0137			CENTER	94 57.1						N .28	N .5
COUNTY NAME: TRAVERSE					FERC POWER SUPPLY AREA 26			FERC REGIONAL OFFICE CODE				
BROWNS VALLEY DI KE	MN00575	LITTLE MINNESOTA	C	DAEN NCS	45 36.8	447.0	46.	8.	11.	209.	E 0.	E 0.
	NCS0142				96 51.0						N .09	N .1
LAKE TRAVERSE	MN00576	BOIS DE SIOUX	CSR	DAEN NCS	45 45.9	1120.0	81.	7.	9.	209.	E 0.	E 0.
	NCS0143				96 38.4						N .18	N .2
MUD LAKE	MN00577	BOIS DE SIOUX	CSR	DAEN NCS	45 51.7	1135.0	82.	14.	19.	140.	E 0.	E 0.
	NCS0144				96 34.3						N .32	N .4
COUNTY NAME: WABASHA					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
ZUMBRO LAKE	MN00358	ZUMBRO RIVER	H	ROCHESTER CI	44 12.8	849.0	361.	41.	55.	35.	E 1.84	E 6.0
	NCS-IFO			TY	92 28.7						N .92	N 2.4
COUNTY NAME: WINONA					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
LOCK & DAM NO 5A	MN00588	MISSISSIPPI	N	DAEN NCS	44 5.3	59190.0	25256.	4.	6.	40.	E 0.	E 0.
	NCS-IFO				91 40.2						N 19.22	N 70.7
COUNTY NAME: WRIGHT					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
HALEYS RAPID	MNU0114	MISSISSIPPI	H		45 15.3	14500.0	5422.	15.	15.	3.	U 0.	U 0.
	NCS0145				93 32.2						T 21.39	T 57.3
SPRING RAPID	MNU0115	MISSISSIPPI	H		45 18.0	13760.0	5145.	30.	30.	3.	U 0.	U 0.
	NCS0146				93 40.4						T 40.60	T 108.8

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MINNESOTA

(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: WRIGHT					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE CH					
MONTICELLO	MNU0122	MISSISSIPPI	H		45 18.5	13735.0	5136.	30.	30.	14.	U 0.	U 0.
	NCS=IFO				93 47.4						T 40.53	T 108.6

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STATE OF MISSOURI

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

HEAD FRAME	CUM TOTALS	.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST INST	EXIST INCR	UNDEV POTEN	TOTAL INCR	EXIST INST	EXIST INCR	UNDEV POTEN	TOTAL INCR	EXIST INST	EXIST INCR	UNDEV POTEN	TOTAL INCR	EXIST INST	EXIST INCR	UNDEV POTEN	TOTAL INCR
		1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP
0-19	NUMBER	1	1	2	3	0	0	0	0	0	6	0	6	1	7	2	9
	CAPCTY	1.6	5.1	0.4	5.5	0.0	0.0	0.0	0.0	0.0	1021	0.0	1021	1.6	1026	0.4	1026
	ENERGY	3.7	21.2	0.4	21.7	0.0	0.0	0.0	0.0	0.0	3809	0.0	3809	3.7	3830	0.4	3830
20-49	NUMBER	1	16	33	49	1	0	0	0	0	1	2	3	2	17	35	52
	CAPCTY	3.0	7.0	39.1	46.2	16.0	0.0	0.0	0.0	0.0	41.3	159	200	19.0	48.3	198	246
	ENERGY	13.0	11.7	95.0	107	94.4	0.0	0.0	0.0	0.0	42.5	284	326	107	54.3	379	433
50-99	NUMBER	0	11	42	53	0	1	5	6	3	2	7	9	3	14	54	68
	CAPCTY	0.0	4.4	119	123	0.0	21.4	97.1	119	377	239	337	576	377	265	553	818
	ENERGY	0.0	9.1	322	332	0.0	49.4	209	259	777	303	635	938	777	361	1166	1528
>100	NUMBER	0	3	16	19	0	1	3	4	1	0	8	8	1	4	27	31
	CAPCTY	0.0	5.4	68.3	73.7	0.0	23.4	57.2	80.7	200	0.0	372	372	200	28.8	498	526
	ENERGY	0.0	19.2	225	245	0.0	38.4	148	186	495	0.0	821	821	495	57.6	1194	1252
TOTAL	NUMBER	2	31	93	124	1	2	8	10	4	9	17	26	7	42	118	160
	CAPCTY	4.5	22.0	227	249	16.0	44.8	154	199	577	1301	868	2169	598	1368	1249	2617
	ENERGY	16.7	61.4	643	705	94.4	87.8	357	445	1272	4154	1739	5893	1383	4303	2740	7043

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 MISSOURI

(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: **ANDREW**					FERC POWER SUPPLY AREA 17					FERC REGIONAL OFFICE CODE CH		
AVENUE CITY DAMS ITE	MOU0158	102 RIVER			39 52.1	737.0	325.	60.	81.	550.*U	0.	0.
	MRK0056				94 44.9					*T	3.53	7.5
COSBY DAMSITE	MOU0168	PLATTE RIVER			39 52.0	678.0	300.	55.	74.	506.*U	0.	0.
	MRK0057				94 41.6					*T	3.25	6.5
NEW POINT RES	MOU0183	NODAWAY RIVER			40 4.0	773.0	313.	43.	58.	515.*U	0.	0.
	MRK0058				95 3.7					*T	2.28	5.3
COUNTY NAME: **BARRY**					FERC POWER SUPPLY AREA 34					FERC REGIONAL OFFICE CODE FW		
FLAT CREEK	MOU0153	FLAT CREEK			36 46.0	290.0	324.	110.	110.	0.*U	0.	0.
	SWL0105				93 34.0					*T	4.38	13.8
COUNTY NAME: **BATES**					FERC POWER SUPPLY AREA 34					FERC REGIONAL OFFICE CODE CH		
BUTLER RES	MOU0163	MIAMI CREEK			38 15.6	118.0	87.	33.	44.	78.*U	0.	0.
	MRK0059				94 24.6					*T	.77	1.2
COUNTY NAME: **BENTON**					FERC POWER SUPPLY AREA 34					FERC REGIONAL OFFICE CODE CH		
HARRY S. TRUMAN DAM	MOU0137	OSAGE RIVER	CHR	DAEN MRK	38 15.9	11500.0	5313.	89.	121.	8120.*E	160.00*E	282.0
	MRK0060				93 23.9					*N	96.08*N	141.0
COUNTY NAME: **BOLLINGER**					FERC POWER SUPPLY AREA 25					FERC REGIONAL OFFICE CODE FW		
MO NONAME 90098	MOU0098	CASTOR RIVER			37 14.2	249.0	302.	90.	100.	0.*U	0.	0.
	LMS0033				90 12.2					*T	2.64	10.2
MO NONAME 90101	MOU0101	CASTOR RIVER			37 9.4	376.0	456.	110.	120.	0.*U	0.	0.
	LMS0034				90 9.3					*T	4.33	17.8

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

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: BUTLER					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
POPLAR BLUFF	MO00146	BLACK RIVER			36 49,0	1202,0	1199,	67,	67,	0, U	0, U	0,
	SWL0106				90 25,0					T	23,02 T	53,1
HARVIELL	MO00198	CANE CREEK	C		36 38,0	182,0	323,	41,	55,	111, U	0, U	0,
	SWL0107				90 30,0					T	2,23 T	5,9
COUNTY NAME: CALDWELL					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
BRAYMER DAMSITE	MO00161	SHOAL CREEK			39 40,3	390,0	251,	59,	80,	574, U	0, U	0,
	MRK0061				93 45,9					T	2,79 T	4,5
COUNTY NAME: CAMDEN					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE CH					
NIANGUA DAM	MO30205	NIANGUA RIVER	H	SHO ME POWER	37 56,3	627,0	627,	30,	41,	600, E	3,00 E	13,0
	MRK0063			CORP	92 51,1					N	0, N	0,
COUNTY NAME: CAPE GIRARDEAU					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
MO NONAME 90095	MO00095	APPLE CREEK			37 34,2	191,0	236,	100,	120,	0, U	0, U	0,
	LMS0035				89 33,0					T	5,07 T	11,3
MO NONAME 90106	MO00106	WHITEWATER RIVER			37 19,5	269,0	326,	70,	80,	0, U	0, U	0,
	LMS0036				89 47,2					T	3,03 T	9,5
COUNTY NAME: CARTER					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FW					
CARTER CREEK	MO00143	CURRENT RIVER			36 58,5	1670,0	1886,	95,	95,	0, U	0, U	0,
	SWL0108				90 59,4					T	40,50 T	115,6

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

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: CASS					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE CH					
FREEMAN RES	MO00172	SOUTH GRAND RIVE			38 39.8	90.0	66.	43.	58.	89.	U 0.	U 0.
	MRK0064	R			94 31.5						T .85	T 1.3
LAKE WINNEBAGO	MO20312	MIDDLE BIG CREEK	R	WINNEBAGO	38 49.2	30.0	20.	31.	40.	3.	E 0.	E 0.
	MRK0065				94 21.4						N .22	N .3
COUNTY NAME: CEDAR					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE CH					
HACKLEMAN CORNER RES	MO00174	CEDAR CREEK			37 51.4	415.0	290.	61.	82.	220.	U 0.	U 0.
	MRK0066				93 51.8						T 2.92	T 6.5
STOCKTON LAKE	MO30200	SAC RIVER	CH	DAEN MRK	37 41.5	1160.0	757.	91.	123.	1674.	E 45.20	E 55.0
	MRK0067				93 45.5						N 0.	N 0.
COUNTY NAME: CHRISTIAN					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FW					
FINLEY CREEK	MO00197	FINLEY CREEK	C R		37 3.0	163.0	145.	78.	105.	109.	U 0.	U 0.
	SWL0109				93 9.5						T 2.27	T 5.4
COUNTY NAME: CLAY					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
SMITHVILLE DAM	MO00139	LITTLE PLATTE RI	CSO	DAEN	39 23.5	213.0	151.	52.	71.	429.	U 0.	U 0.
	MRK0068	VER			94 33.7						T 1.96	T 3.5
COUNTY NAME: COLE					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
LOCK NO. 2	MO00130	OSAGE RIVER	HC		38 27.0	15000.0	10150.	31.	31.	0.	U 0.	U 0.
	MRK0069				92 10.0						T 105.93	T 206.9

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,N)	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 15		FERC REGIONAL OFFICE CODE CH				
MO NONAME 90062	MOU0062 LMS0037	MERAMEC RIVER			37 57.3 / 91 31.3	349.0	251.	110.	120.	0.*U *T	0. *U 4.57*T	0. 13.7
MO NONAME 90066	MOU0066 LMS0038	MERAMEC RIVER			37 53.3 / 91 29.7	290.0	219.	70.	80.	0.*U *T	0. *U 2.55*T	0. 8.1
MO NONAME 90067	MOU0067 LMS0039	MERAMEC RIVER			37 49.2 / 91 25.9	198.0	149.	130.	140.	0.*U *T	0. *U 3.23*T	0. 10.3
MO NONAME 90071	MOU0071 LMS0040	MERAMEC RIVER			37 59.1 / 91 23.1	764.0	550.	90.	100.	0.*U *T	0. *U 7.65*T	0. 24.1
MO NONAME 90073	MOU0073 LMS0041	HUZZAH CREEK			37 58.5 / 91 12.3	255.0	192.	150.	160.	0.*U *T	0. *U 4.43*T	0. 14.9
INDIAN HILLS LAKE	MO30075 LMS0042	BRUSH CREEK	R		38 6.0 / 91 30.0	20.0	16.	46.	53.	7.*E *N	0. *E .23*N	0. .3
COUNTY NAME: DADE						FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FW				
GOLDEN CITY RESERVOIR	MOU0115 SWT0249	NORTH FORK			37 22.5 / 94 4.5	52.0	42.	61.	61.	0.*U *T	0. *U .69*T	0. 1.2
GOLDEN CITY RESERVOIR	MOU0278 SWT0250	NORTH FORK	C	DAEN SWT	37 22.5 / 94 4.5	52.0	42.	45.	61.	65.*U *T	0. *U .51*T	0. .9
GOLDEN CITY RESERVOIR	MO00115 SWT0251	NORTH FORK	C	DAEN SWT	37 22.5 / 94 4.5	52.0	42.	45.	61.	65.*E *N	0. *E .51*N	0. .9
COUNTY NAME: DAVIESS						FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH				
PATTONSBURG DAM	MOU0135 MRK0070	GRAND RIVER	HC		39 58.0 / 93 59.0	2232.0	1082.	77.	98.	1040.*U *T	0. *U 32.97*T	0. 40.9

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

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: DE KALB						FERC POWER SUPPLY AREA 17		FERC REGIONAL OFFICE CODE CH				
CLARKSDALE DAMSITE	MO00165 MRK0071	THIRD FORK			39 49,4 94 36,3	94,0	42, 	33, 	45, 	70, 	0, ,60	0, ,6
COUNTY NAME: DENT						FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH				
MO NONAME 90069	MO00069 LMS0043	MERAMEC RIVER			37 42,6 91 26,9	134,0	101, 	90, 	100, 	0, 	0, 1,77	0, 5,0
COUNTY NAME: FRANKLIN						FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH				
MO NONAME 90055	MO00055 LMS0044	BOURBEUSE RIVER			38 27,6 90 46,7	2716,0	2151, 	30, 	40, 	0, 	0, 5,99	0, 28,2
MO NONAME 90058	MO00058 LMS0045	MERAMEC RIVER			38 16,9 90 57,9	1557,0	1233, 	70, 	80, 	0, 	0, 22,40	0, 50,6
MO NONAME 90059	MO00059 LMS0046	INDIAN CREEK			38 15,2 90 56,7	153,0	115, 	110, 	120, 	0, 	0, 2,36	0, 6,9
COUNTY NAME: GREENE						FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FW				
KINSER BRIDGE	MO00199 SWL0111	JAMES RIVER	SR		37 7,5 93 13,0	245,0	235, 	81, 	110, 	180, 	0, 3,36	0, 9,7
LAKE SPRINGFIELD	MO20023 SWL0112	JAMES RIVER	HSRO	CITY OF SPRINGFIELD	37 6,7 93 15,8	270,0	259, 	21, 	25, 	2, 	0, 1,28	0, 3,0
FELLOWS LAKE	MO20036 MRK0072	LITTLE SAC RIVER	SR	CITY OF SPRINGFIELD	37 18,9 93 13,8	203,0	18, 	81, 	95, 	28, 	0, 2,72	0, 6,8
MCDANIEL LAKE	MO20038 MRK0073	LITTLE SAC RIVER	SR	CITY OF SPRINGFIELD	37 17,7 93 18,8	16,0	14, 	34, 	44, 	4, 	0, ,12	0, ,1

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

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: GRUNDY					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
TRENTON DAMSITE	MOU0190 MRK0074	THOMPSON RIVER			40 7.5 93 41.1	1079.0	925.	68.	92.	1675.	U 0. T 5.41	U 0. T 13.4
COUNTY NAME: HENRY					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE CH					
MONTROSE LAKE	MO20151 MRK0075	DEEPWATER CREEK	H	KANSAS CITY POWER + LIGH	38 18.4 93 55.0	67.0	49.	36.	45.	21.	E 0. N .61	E 0. N .8
COUNTY NAME: HICKORY					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE CH					
POMME DE TERRE LAKE	MO30201 MRK0076	POMME DE TERRE RIVER	CHN	DAEN MRK	37 54.1 93 19.2	611.0	365.	111.	150.	650.	E 0. N 5.00	E 0. N 18.7
COUNTY NAME: HOWELL					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FW					
ARROW HEAD DAM	MO30079 SWL0113	SPRING CREEK	R	E. T. STOKES	36 54.3 92 6.0	11.8	12.	26.	33.	2.	E 0. N .08	E 0. N .1
COUNTY NAME: IRON					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
BIG CR. DAM	MOU0211 LMM0011	BIG CREEK			37 14.9 90 30.3	188.0	228.	190.	190.	0.	U 0. T 3.87	U 0. T 15.7
LAKE KILLARNEY DAM	MO30012 LMM0012	STOUTS CREEK	R	J. R. AND J. E. GUERTIN	37 35.4 90 33.8	52.1	57.	26.	33.	1.	E 0. N .45	E 0. N .7
COUNTY NAME: JACKSON					FERC POWER SUPPLY AREA 17		FERC REGIONAL OFFICE CODE CH					
BLUE SPRINGS DAM	MOU0160 MRK0077	EAST FORK LITTLE BLUE RIVER	CR	DAEN MRK	39 1.0 94 20.2	34.0	24.	41.	55.	28.	U 0. T .23	U 0. T .4

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

(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 DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: JACKSON						FERC POWER SUPPLY AREA 17		FERC REGIONAL OFFICE CODE CH				
LONGVIEW DAMSITE	MOU0178	LITTLE BLUE RIVE	CRO	DAEN MRK	38 55.6	50.0	46.	70.	95.	50.*U	0.	0.
	MRK0078	R			94 28.1					*T	.78	1.2
LAKE JACOMO	MO10045	EAST FORK LITTLE	R	JACKSON COUN	38 59.6	14.0	9.	48.	57.	24.*E	0.	0.
	MRK0079	BLUE RIVER		TY	94 18.4					*N	.15	.1
LAKE LOTAWANA	MO20040	SNI A BAR CREEK	R	LAKE ASSOCIA	38 56.2	20.0	13.	37.	45.	9.*E	0.	0.
	MRK0080			TION	94 14.8					*N	.16	.2
LAKEWOOD LAKE	MO20242	MAY BROOK	R		38 59.8	11.0	7.	68.	84.	3.*E	0.	0.
	MRK0081				94 22.5					*N	.16	.2
COUNTY NAME: JASPER						FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FW				
DRY FORK RESERVOIR	MOU0114	DRY FORK	C	DAEN SWT	37 16.5	79.0	59.	55.	75.	6.*U	0.	0.
	SWT0252				94 17.0					*T	.93	1.0
NECK CITY RESERVOIR	MOU0119	NORTH FORK SPRIN	CSRO	DAEN SWT	37 16.0	988.0	734.	64.	86.	382.*U	0.	0.
	SWT0253	G RIVER			94 28.0					*T	3.74	14.9
PROSPERITY RESERVOIR	MOU0121	CENTER CREEK	CSR	DAEN SWT	32 7.0	207.0	176.	59.	80.	71.*U	0.	0.
	SWT0254				94 21.5					*T	2.12	5.5
TURKEY CREEK RESERVOIR	MOU0123	TURKEY CREEK			37 6.0	16.0	13.	78.	78.	0.*U	0.	0.
	SWT0255				94 28.0					*T	.21	.4
WACO RESERVOIR	MOU0125	DRY FORK SPRING	CS	DAEN SWT	37 15.5	1150.0	854.	51.	69.	300.*U	0.	0.
	SWT0256	RIVER			94 33.0					*T	3.50	13.9
TURKEY CREEK RESERVOIR	MO00123	TURKEY CREEK	C	DAEN SWT	37 6.0	16.0	12.	58.	78.	20.*E	0.	0.
	SWT0257				95 14.0					*N	.19	.2

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

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: JEFFERSON					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
NONAME	MO30400	TR-BALL BRANCH	R		38 12.0	8.0	6.	78.	85.	4.E	0. E	0.
	LMS0047				90 36.0					N	.12 N	.2
COUNTY NAME: JOHNSON					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
CENTERVILLE DAMS ITE	MOU0164	WEST FORK POST O			38 40.3	27.0	22.	24.	32.	7. U	0. U	0.
	MRK0082	AK CREEK			93 51.6					T	.20 T	.3
COLUMBUS DAMSITE	MOU0167	NORTHFORK BLACKW			38 50.3	42.0	34.	27.	36.	23. U	0. U	0.
	MRK0083	ATER RIVER			93 53.9					T	.29 T	.3
GLENDALE DAMSITE	MOU0173	EAST FORK POST O			38 41.9	40.0	32.	18.	25.	14. U	0. U	0.
	MRK0084	AK CREEK			93 47.2					T	.14 T	.2
HOLDEN DAMSITE	MOU0176	SOUTH FORK BLACK			38 47.6	94.0	76.	18.	24.	52. U	0. U	0.
	MRK0085	WATER RIVER			93 54.0					T	.27 T	.3
MONTSERRATT DAMS ITE	MOU0181	CLEAR FORK BLACK			38 43.2	69.0	56.	38.	51.	38. U	0. U	0.
	MRK0086	WATER RIVER			93 37.0					T	.58 T	.9
COUNTY NAME: KNOX					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
MO NONAME 90001	MOU0001	NORTH FORK SALT			40 5.0	157.0	94.	60.	70.	0. U	0. U	0.
	LMS0048	RIVER			92 20.8					T	1.64 T	2.3
COUNTY NAME: LAFAYETTE					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
ODESSA DAMSITE	MOU0184	DAVIS CREEK			38 58.3	50.0	41.	41.	55.	28. U	0. U	0.
	MRK0087				93 49.4					T	.31 T	.4

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

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: LEWIS						FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE				
MISSISSIPPI RIVER LOCK + DAM 20	MO10303 NCR0077	MISSISSIPPI RIVER	N R	DAEN NCR	40 8.6 91 30.7	134000.0	71074.	5.	32.	58.	E 0. N 59.26	E 0. N 242.9
COUNTY NAME: LINCOLN						FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE		CH		
MO NONAME 90033	MOU0033 LMS0049	QUIVRE RIVER			39 .3 90 58.1	921.0	662.	90.	100.	0.	U 0. T 15.86	U 0. T 22.3
MO NONAME 90034	MOU0034 LMS0050	QUIVRE RIVER			38 57.2 90 55.1	978.0	703.	30.	40.	0.	U 0. T 3.27	U 0. T 6.2
POOL 25	MO10301 LMS0051	MISSISSIPPI	NR		39 0. 90 42.0	142000.0	82155.	12.	41.	176.	E 0. N 169.26	E 0. N 677.4
COUNTY NAME: LINN						FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE		CH		
BROOKFIELD DAMSITE	MOU0162 MRK0088	WEST YELLOW CREEK			39 50.6 93 4.8	140.0	105.	63.	85.	300.	U 0. T 1.67	U 0. T 2.1
LINNEUS DAMSITE	MOU0177 MRK0089	LOCUST CREEK			39 55.0 93 13.9	546.0	326.	59.	80.	1035.	U 0. T 3.34	U 0. T 5.9
ST CATHERINE DAM SITE	MOU0188 MRK0090	EAST YELLOW CREEK			39 48.5 92 57.9	118.0	92.	63.	85.	255.	U 0. T 1.48	U 0. T 1.8
COUNTY NAME: LIVINGSTON						FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE		CH		
CHILLICOTHE DAM	MOU0134 MRK0091	GRAND RIVER	H		39 42.0 92 21.0	4860.0	2992.	43.	50.	1521.	U 0. T 52.96	U 0. T 77.0

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

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: MACON					FERC POWER SUPPLY AREA 15			FERC REGIONAL OFFICE CODE CH				
LONG BRANCH DAM	MOU0138	E. F. LITTLE CHA	CSO	DAEN MRK	39 44.9	109.0	64.	52.	70.	164.	0. U	0. U
	MRK0092	RITON RIVER			92 30.8						1.27 T	1.3
COUNTY NAME: MADISON					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
TURKEY CR. DAM	MOU0207	ST FRANCIS RIVER			37 34.0	239.0	290.	150.	150.	0. U	0. U	0.
	LMM0013				90 27.0						3.88 T	15.7
MARBLE CR. DAM	MOU0208	ST FRANCIS RIVER			37 27.0	767.0	879.	125.	125.	0. U	0. U	0.
	LMM0014				90 28.0						34.59 T	57.3
NIMS DAM	MO30064	WILLS BRANCH	R	ST. LOUIS AR	37 38.2	4.5	6.	41.	50.	5. E	0. E	0.
	LMM0015			EA COUNCIL-	90 19.7						.07 N	.1
COUNTY NAME: MARION					FERC POWER SUPPLY AREA 15			FERC REGIONAL OFFICE CODE				
MISSISSIPPI RIVE R LOCK + DAM 21	MO10304	MISSISSIPPI RIVE	N	DAEN NCR	39 54.3	135000.0	71605.	7.	28.	62. E	0. E	0.
	NCR0078	R			91 25.5						85.88 N	344.6
COUNTY NAME: MERCER					FERC POWER SUPPLY AREA 15			FERC REGIONAL OFFICE CODE CH				
MERCER DAMSITE	MOU0179	WELDON RIVER			40 29.3	427.0	238.	63.	85.	875. U	0. U	0.
	MRK0093				93 35.0						2.57 T	4.1
COUNTY NAME: MILLER					FERC POWER SUPPLY AREA 15			FERC REGIONAL OFFICE CODE CH				
BAGNELL DAM	MO30014	OSAGE RIVER	HR	UNION ELECTR	38 12.7	14000.0	5313.	95.	112.	1927. E	172.00 E	440.0
	MRK0094			IC CO	92 37.1						142.57 N	161.8

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

(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: MONROE					FERC POWER SUPPLY AREA 15			FERC REGIONAL OFFICE CODE CH				
MO NONAME 90006	MOU0006	MIDDLE FORK SALT			39 32.6	276.0	188.	40.	50.	0.U	0. U	0.
	LMS0052	RIVER			92 13.6					T	2.02T	3.0
MO NONAME 90012	MOU0012	SOUTH FORK SALT			39 22.2	304.0	207.	30.	40.	0.U	0. U	0.
	LMS0053	RIVER			91 47.2					T	1.73T	2.5
COUNTY NAME: MORGAN					FERC POWER SUPPLY AREA 15			FERC REGIONAL OFFICE CODE CH				
SYRACUSE DAMSITE	MOU0189	RICHLAND CREEK			38 39.3	138.0	105.	49.	66.	76.U	0. U	0.
	MRK0095				92 56.5					T	1.53T	2.1
COUNTY NAME: NEWTON					FERC POWER SUPPLY AREA 34			FERC REGIONAL OFFICE CODE FW				
GRANBY RESERVOIR	MOU0116	SHOAL CREEK	CSRD	DAEN SWT	36 56.5	250.0	239.	96.	130.	377.U	0. U	0.
	SWT0256				94 15.0					T	3.96T	12.5
JORLIN RESERVOIR	MOU0117	SHOAL CREEK	CSR	DAEN SWT	37 2.5	443.0	329.	71.	84.	47.U	0. U	0.
	SWT0259				94 36.5					T	3.05T	8.9
LOST CREEK SITE # A=1	MOU0214	LOST CREEK	C	SCS DOA	36 51.0	10.0	8.	37.	50.	3.U	0. U	0.
	SWT0260				94 33.0					T	.06T	.1
GRANBY RESERVOIR	MOU0277	SHOAL CREEK	C	DAEN SWT	36 56.5	250.0	239.	69.	94.	282.U	0. U	0.
	SWT0261				94 15.0					T	2.99T	9.1
SMACKOUT RESERVOIR	MOU0280	SHOAL CREEK	C	DAEN SWT	36 54.5	141.0	135.	84.	113.	182.U	0. U	0.
	SWT0262				94 8.0					T	2.36T	6.4
COUNTY NAME: NODAWAY					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
CLEARMONT RES	MOU0166	CLEAR CREEK			40 29.9	66.0	27.	50.	67.	44.U	0. U	0.
	MRK0096				95 .7					T	.54T	1.0

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POTENTIAL HYDROPOWER SITES

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COUNTY NAME: **NODAWAY**					FERC POWER SUPPLY AREA 17		FERC REGIONAL OFFICE CODE CH					
ELMO RES	MOU0171	MILL CREEK			40 32.3	43.0	22.	30.	41.	34.*U	0. *U	0.
	MRK0097				95 8.4					*T	.21*T	.3
COUNTY NAME: **OREGON**					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
RIVERTON	MOU0140	ELEVEN POINT RIV			36 49.0	793.0	761.	125.	125.	0.*U	0. *U	0.
	SWL0114	ER			91 22.0					*T	19.94*T	63.3
LONG HOLLOW	MOU0141	ELEVEN POINT			36 49.0	585.0	561.	90.	90.	0.*U	0. *U	0.
	SWL0115				91 22.0					*T	7.17*T	31.1
COUNTY NAME: **OZARK**					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FW					
BRYANT CREEK	MOU0150	BRYANT CREEK			36 37.0	570.0	525.	145.	145.	0.*U	0. *U	0.
	SWL0117				92 18.0					*T	19.44*T	46.4
HOLLOW	MOU0151	NORTH FORK RIVER			36 38.0	561.0	721.	205.	205.	0.*U	0. *U	0.
	SWL0118				92 14.0					*T	32.13*T	96.8
COUNTY NAME: **PERRY**					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
PORT PERRY LAKE	MO30030	NATIONS CREEK	R		37 42.0	25.0	28.	60.	68.	6.*E	0. *E	0.
	LMS0054				90 0.					*N	.56*N	.7
COUNTY NAME: **PETTIS**					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
DRESDEN DAMSITE	MOU0169	MUDDY CREEK			38 43.7	115.0	93.	35.	47.	64.*U	0. *U	0.
	MRK0098				93 20.9					*T	.89*T	1.4
HIGGINS DAMSITE	MOU0175	SOUTH FORK BLACK			38 53.9	39.0	32.	25.	34.	13.*U	0. *U	0.
	MRK0099	WATER RIVER			93 25.5					*T	.16*T	.2

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

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COUNTY NAME: **PETTIS**					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
MISSION DAMSITE	MOU0180 MRK0100	HEATHS CREEK			38 53,0 93 15,4	36,0	29,*	31,*	42,*	10,*U *T	0, *U .18*T	0, .2
SEDALIA DAMSITE	MOU0185 MRK0101	FLAT CREEK			38 37,6 93 18,0	129,0	105,*	39,*	53,*	72,*U *T	0, *U 1,21*T	0, 1,6
SITE B DAM	MOU0186 MRK0102	FLAT CREEK			38 34,1 93 21,4	61,0	49,*	38,*	51,*	48,*U *T	0, *U ,51*T	0, ,8
SPRING FORK DAMSITE	MOU0187 MRK0103	SPRING FORK RIVER			38 37,3 93 14,5	35,0	28,*	39,*	51,*	17,*U *T	0, *U ,32*T	0, ,5
WALNUT GROVE DAM SITE	MOU0191 MRK0104	LITTLE MUDDY CREEK			38 46,3 93 17,3	25,0	20,*	27,*	37,*	7,*U *T	0, *U ,14*T	0, ,3
COUNTY NAME: **PHELPS**					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
MO NONAME 90061	MOU0061 LMS0055	NORMAN CREEK			38 58,4 91 31,4	369,0	265,*	90,*	100,*	0,*U *T	0, *U 4,10*T	0, 7,3
MO NONAME 90063	MOU0063 LMS0056	NORMAN CREEK			37 55,4 91 35,0	344,0	259,*	90,*	100,*	0,*U *T	0, *U 3,71*T	0, 12,2
MO NONAME 90064	MOU0064 LMS0057	DRY FORK			37 50,6 91 41,1	226,0	170,*	70,*	80,*	0,*U *T	0, *U 2,11*T	0, 6,4
RICH FOUNTAIN DAM	MOU0127 MRK0105	GASCONADE RIVER	HC		38 22,1 91 49,5	3223,0	2825,*	58,*	78,*	1078,*U *T	0, *U 51,37*T	0, 108,4
ARLINGTON DAM	MOU0128 MRK0106	GASCONADE RIVER	HC		37 56,0 92 51,0	2580,0	2260,*	89,*	120,*	769,*U *T	0, *U 57,09*T	0, 109,8

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COUNTY NAME: PIKE					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
MO NONAME 90020	MOU0020	SALT RIVER			39 33,2	2828,0	1915,*	90,*	100,*	0,*U	0, *U	0,
	LMS0058				91 13,2					*T	72,91*T	93,0
POOL 24	MO10300	MISSISSIPPI RIVE	NR		39 18,0	140900,0	81518,*	11,*	32,*	125,*E	0, *E	0,
	LMS0059	R			90 54,0					*N	166,58*N	627,0
COUNTY NAME: PULASKI					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE CH					
RICHLAND DAM	MOU0129	GASCONADE RIVER	HC		37 51,2	1386,0	1074,*	105,*	142,*	1400,*U	0, *U	0,
	MRK0107				92 19,1					*T	36,29*T	69,8
COUNTY NAME: RALLS					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
MO NONAME 90016	MOU0016	SPENCER CREEK			39 27,6	105,0	77,*	90,*	100,*	0,*U	0, *U	0,
	LMS0060				91 27,7					*T	1,97*T	2,8
MO NONAME 90017	MOU0017	SALT RIVER			39 36,0	2501,0	1694,*	70,*	80,*	0,*U	0, *U	0,
	LMS0061				91 24,4					*T	50,15*T	64,0
MO NONAME 90018	MOU0018	SPENCER CREEK			39 30,5	194,0	131,*	70,*	80,*	0,*U	0, *U	0,
	LMS0062				91 22,5					*T	2,18*T	3,3
CLARENCE CANNON DAM	MOU0300	SALT RIVER			39 30,0	2316,0	1570,*	128,*	138,*	0,*U	0, *U	0,
	LMS0063				91 36,0					*T	84,99*T	108,4
MISSISSIPPI RIVE R LOCK + DAM #22	MO10305	MISSISSIPPI RIVE	N	DAEN NCR	39 38,3	137500,0	72931,*	8,*	27,*	80,*E	0, *E	0,
	NCR0079	R			91 14,8					*N	101,57*N	402,6
COUNTY NAME: RANDOLPH					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
THOMAS HILL RESE RVOIR	MO10134	MIDDLE FORK CHAR	SR	ASSOC, ELECT	39 33,1	147,0	87,*	38,*	52,*	86,*E	0, *E	0,
	MRK0108	ITON RIVER		RIC COOP	92 38,7					*N	1,30*N	1,7

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

(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: **RAY**					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
EAST FORK DAMSITE	MO00170 MRK0109	EAST FORK FISHING RIVER			39 21,0 94 12,4	19,0	11,*	88,*	119,*	27,*U *T	0, ,36*T	0, ,4
MONONAME 165	MO10580 MRK0110	FISHING RIVER	R		39 21,4 94 11,6	18,0	13,*	56,*	70,*	3,*E *N	0, ,19*N	0, ,2
COUNTY NAME: **REYNOLDS**					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FW					
RIVERSIDE	MO00148 SWL0119	BLACK RIVER			37 20,3 90 47,0	484,0	568,*	117,*	117,*	0,*U *T	0, 17,91*T	0, 38,3
LESTERVILLE	MO00149 SWL0120	MIDDLE FORK BLACK RIVER			37 28,0 90 52,5	320,0	376,*	115,*	115,*	0,*U *T	0, 6,14*T	0, 21,0
TAUM SAUK LOWER DAM	MO30041 SWL0121	EAST FORK BLACK RIVER	H	UNION ELECTRIC CO,	37 29,8 90 49,6	94,5	106,*	44,*	60,*	12,*E *N	0, 1,08*N	0, 2,8
MO NONAME 51 DAM	MO30166 SWL0122	ADAIR CREEK	D		37 22,2 91 8,4	5,8	6,*	40,*	50,*	4,*E *N	0, ,07*N	0, ,1
CLEARWATER	MO30203 SWL0123	BLACK	C	DAEN SWL	37 6,1 90 46,5	898,0	896,*	84,*	113,*	391,*E *N	0, 21,44*N	0, 49,4
COUNTY NAME: **RIPLEY**					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
GOOSE LAKE	MO00142 SWL0128	CURRENT RIVER			36 30,3 90 48,5	2116,0	2815,*	55,*	55,*	0,*U *T	0, 32,11*T	0, 103,0
DONIPHAN	MO00195 SWL0129	CURRENT RIVER			36 40,0 91 8,0	2015,0	2681,*	125,*	125,*	0,*U *T	0, 69,49*T	0, 223,0
FAIRDEALING	MO00196 SWL0130	LITTLE BLACK RIVER	C		36 38,0 90 35,0	182,0	323,*	49,*	66,*	110,*U *T	0, 2,59*T	0, 7,0

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

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 15		FERC REGIONAL OFFICE CODE CH					
BLUE LICK DAMSITE	MOU0159	FINNEY CREEK			39 .6	49.0	40.	31.	42.	18.	U 0.	U 0.
	MRK0111				93 13.5						T .25	T .3
WILTON SPRINGS DAMSITE	MOU0192	CAMP CREEK			39 4.4	26.0	21.	27.	37.	9.	U 0.	U 0.
	MRK0112				93 6.4						T .17	T .2
COUNTY NAME: SHANNON					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FW					
JACKS FORK	MOU0144	JACKS FORK			37 8.5	242.0	271.	170.	170.	0.	U 0.	U 0.
	SWL0131				91 31.0						T 7.92	T 25.4
WELLSFORD	MOU0145	CURRENT RIVER			37 21.3	408.0	495.	170.	170.	0.	U 0.	U 0.
	SWL0132				90 29.2						T 26.59	T 46.1
BLAIR CREEK	MOU0193	CURRENT			37 11.0	1324.0	1522.	174.	174.	0.	U 0.	U 0.
	SWL0133				91 12.5						T 60.75	T 169.4
COUNTY NAME: SHELBY					FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH					
MO NONAME 90003	MOU0003	BEAR CREEK			39 50.7	371.0	216.	70.	80.	0.	U 0.	U 0.
	LMS0064				92 15.7						T 3.35	T 5.3
MO NONAME 90005	MOU0005	TENMILE CREEK			39 47.2	427.0	248.	30.	40.	0.	U 0.	U 0.
	LMS0065				92 12.0						T 2.00	T 2.9
COUNTY NAME: ST CLAIR					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE CH					
OSCEOLA DAM	MOU0133	OSAGE RIVER	H	MO PUB SERV	38 2.0	8180.0	5100.	14.	14.	0.	E 1.60	E 3.7
	MRK0113			CO	93 44.0						N 5.16	N 21.3

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

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: STONE					FERC POWER SUPPLY AREA 34			FERC REGIONAL OFFICE CODE FW				
GALENA	MOU0111	JAMES	CHSR		37 15,0	980,0	950,	103,	140,	560,U	0, U	0,
	SWL0134				93 50,0					T	27,16 T	49,9
COUNTY NAME: ST, CHARLES					FERC POWER SUPPLY AREA 15			FERC REGIONAL OFFICE CODE CH				
LAKE ST, LOUIS D	MO10545	PERUQUE CREEK	R		38 48,0	56,0	38,	36,	43,	8,E	0, E	0,
AM	LMS0066				90 48,0					N	,42 N	,5
COUNTY NAME: ST, FRANCOIS					FERC POWER SUPPLY AREA 15			FERC REGIONAL OFFICE CODE CH				
MO NONAME 90079	MOU0079	BIG RIVER			38 3,6	518,0	472,	100,	110,	0,U	0, U	0,
	LMS0067				90 36,8					T	4,08 T	17,8
MO NONAME 90081	MOU0081	BIG RIVER			37 52,9	168,0	197,	90,	100,	0,U	0, U	0,
	LMS0068				90 38,0					T	3,49 T	9,4
CARLYLE DAM	MO30274	KASKASKIA RIVER	O		37 54,0	7,0	6,	53,	60,	13,E	0, E	0,
	LMS0069				90 36,0					N	,08 N	,2
SLIME POND	MO30277	SHAW BRANCH	O		37 48,0	9,0	11,	53,	60,	23,E	0, E	0,
	LMS0070				90 30,0					N	,19 N	,3
COUNTY NAME: ST, GENEVIEVE					FERC POWER SUPPLY AREA 15			FERC REGIONAL OFFICE CODE CH				
MO NONAME 90088	MOU0088	ESTABLISHMENT CR			38 2,3	116,0	88,	190,	220,	0,U	0, U	0,
	LMS0071	EEK			90 10,8					T	3,90 T	6,3
MO NONAME 90091	MOU0091	SALINE CREEK			37 53,5	223,0	169,	40,	45,	0,U	0, U	0,
	LMS0072				89 58,6					T	1,90 T	2,8

LEGEND

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

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. LOUIS						FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH				
POOL 27	MO10302 LMS0073	MISSISSIPPI	N		38 48,0 90 12,0	700910,0	176201,*	12,*	50,*	0,*E *N	0, 437,98	*E 0, *N 1514,1
COUNTY NAME: TANEY						FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FW				
LONE PILGRIN	MOU0152 SWL0124	BEAVER CREEK			36 40,0 93 2,0	375,0	359,*	130,*	130,*	0,*U *T	0, 4,56	*U 0, *T 19,3
OZARK BEACH DAM	MO30088 SWL0125	WHITE RIVER	HR	EMPIRE DISTR ICT ELECT CO	36 40,1 93 7,3	4500,0	4495,*	47,*	62,*	28,*E *N	16,00 41,37	*E 94,4 *N 42,5
TABLE ROCK DAM	MO30202 SWL0126	WHITE RIVER	CH	DAEN SWL	36 35,7 93 18,5	4020,0	4016,*	204,*	225,*	3462,*E *N	200,00 23,46	*E 495,0 *N 38,5
COUNTY NAME: VERNON						FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE CH				
NEVADA RES	MOU0182 MRK0114	LITTLE DRY WOOD CREEK			37 46,0 94 23,0	123,0	91,*	29,*	39,*	76,*U *T	0, ,61	*U 0, *T ,8
COUNTY NAME: WASHINGTON						FERC POWER SUPPLY AREA 15		FERC REGIONAL OFFICE CODE CH				
MO NONAME 90076	MOU0076 LMS0074	COURTOIS CREEK			37 50,2 91 3,6	83,0	63,*	190,*	200,*	0,*U *T	0, 2,22	*U 0, *T 6,5
NONAME	MO30473 LMS0075	MARYS CREEK-OFFS TREAM	O		38 6,0 91 0,	10,0	8,*	100,*	109,*	7,*E *N	0, ,25	*E 0, *N ,3
NONAME	MO30474 LMS0076	TR-MILL CREEK	O		38 0, 90 42,0	6,0	5,*	110,*	125,*	7,*E *N	0, ,16	*E 0, *N ,3
NONAME	MO30482 LMS0077	TR-HAZEL CREEK	O		37 48,0 90 54,0	4,0	3,*	68,*	75,*	4,*E *N	0, ,08	*E 0, *N ,1

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSOURI

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 15			FERC REGIONAL OFFICE CODE CH				
INDIAN CREEK MIN	MO30717	TR-GOOSE CREEK	O		38 0,	6.0	5,	60,	68,	4,*E	0, *E	0,
E TAILINGS POND	LMS0078				90 54,0					*N	.10*N	.1
NONAME	MO30726	TURKEY CREEK	O		38 6,0	6.0	5,	60,	75,	7,*E	0, *E	0,
	LMS0079				90 48,0					*N	.11*N	.2
COUNTY NAME: WAYNE					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
EAGLE BLUFF	MOU0147	BLACK RIVER			36 59,0	1101.0	1098,	65,	65,	0,*U	0, *U	0,
	SWL0127				90 36,0					*T	20.45*T	47.2
ROWLAND CHURCH 1	MOU0209	ST FRANCIS RIVER			37 13,8	702.0	805,	78,	105,	597,*U	0, *U	0,
	LMM0016				90 30,7					*T	4.94*T	19.4
HUBBLE CR, DAM	MOU0212	ST FRANCIS RIVER			37 8,8	1022.0	1172,	40,	40,	0,*U	0, *U	0,
	LMM0017				90 28,0					*T	4.07*T	15.3
WAPPAPELLO DAM	MO30204	ST FRANCIS RIVER	C	DAEN LMM	36 55,8	1310.0	1502,	73,	99,	1135,*E	.01*E	0,
	LHM0018				90 16,7					*N	34.57*N	57.3
COUNTY NAME: WEBSTER					FERC POWER SUPPLY AREA 34			FERC REGIONAL OFFICE CODE FW				
COUNTY LINE	MOU0194	JAMES RIVER			37 14,5	153.0	136,	146,	146,	0,*U	0, *U	0,
	SWL0135				93 5,0					*T	3.40*T	9.0

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STATE OF OHIO

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

HEAD (FT)		POTENTIAL INCREMENTAL CAPACITY RANGES															
		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST INST	EXIST INCR	UNDEV POTEN	TOTAL INCR	EXIST INST	EXIST INCR	UNDEV POTEN	TOTAL INCR	EXIST INST	EXIST INCR	UNDEV POTEN	TOTAL INCR	EXIST INST	EXIST INCR	UNDEV POTEN	TOTAL INCR
		1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP
0-19	NUMBER	0	12	0	12	0	5	0	5	0	2	0	2	0	19	0	19
	CAPCTY	0.0	27.0	0.0	27.0	0.0	108	0.0	108	0.0	55.6	0.0	55.6	0.0	191	0.0	191
	ENERGY	0.0	102	0.0	102	0.0	260	0.0	260	0.0	134	0.0	134	0.0	495	0.0	495
20-49	NUMBER	0	47	10	57	0	0	0	0	0	0	0	0	0	47	10	57
	CAPCTY	0.0	64.5	21.0	85.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.5	21.0	85.5
	ENERGY	0.0	172	59.6	232	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	172	59.6	232
50-99	NUMBER	0	8	7	15	0	1	0	1	0	0	1	1	0	9	8	17
	CAPCTY	0.0	9.6	19.0	28.6	0.0	24.4	0.0	24.4	0.0	0.0	43.0	43.0	0.0	34.0	62.0	96.0
	ENERGY	0.0	21.9	59.7	81.7	0.0	35.5	0.0	35.5	0.0	0.0	70.0	70.0	0.0	57.5	130	187
>100	NUMBER	0	1	1	2	0	1	0	1	0	0	0	0	0	2	1	3
	CAPCTY	0.0	4.2	6.5	10.7	0.0	20.2	0.0	20.2	0.0	0.0	0.0	0.0	0.0	24.5	6.5	31.0
	ENERGY	0.0	12.0	11.7	23.8	0.0	26.9	0.0	26.9	0.0	0.0	0.0	0.0	0.0	38.9	11.7	50.7
TOTAL	NUMBER	0	68	18	86	0	7	0	7	0	2	1	3	0	77	19	96
	CAPCTY	0.0	105	46.6	152	0.0	153	0.0	153	0.0	55.6	45.0	98.7	0.0	314	89.6	404
	ENERGY	0.0	308	131	439	0.0	323	0.0	323	0.0	134	70.0	204	0.0	764	201	966

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 OHIO

(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 HEIGHT (FT)	MAXIMUM HEIGHT DAM (FT)	STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ADAMS						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
BUZZARD ROOST	OHU00065	BRUSH CREEK	C		38 36.0	402.0	462.	76.	93.	173.	U 0.	U 0.
	ORH0017				83 36.0						T 3.61	T 11.5
COUNTY NAME: ASHLAND						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
CHARLES MILL	OHU00059	BLACK FORK	CRO	DAEN ORH	40 44.4	215.0	196.	16.	40.	88.	E 0.	E 0.
	ORH0018				82 21.6						N .69	N 1.9
PLEASANT HILL	OHU00077	CLEAR FORK	CRO	DAEN ORH	40 36.2	197.0	194.	54.	100.	88.	E 0.	E 0.
	ORH0019				82 19.6						N 2.80	N 6.8
COUNTY NAME: ASHTABULA						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
ROAMING ROCK	OH00397	ROCK CREEK	R	DEVELOPMENT	41 39.3	57.0	80.	40.	0.	0.	E 0.	E 0.
	NC80190			SERVICES INC	80 50.4						N 1.28	N 2.1
GENEVA LOW HEAD DAM	OH00810	GRAND RIVER	S	VILLAGE OF G	41 45.3	563.0	800.	8.	0.	0.	E 0.	E 0.
	NC80191			ENEVA	80 56.7						N .45	N 1.6
COUNTY NAME: ATHENS						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
TOM JENKIN BURR OAK LAKE	OHU00380	EAST BRANCH OF S	CRS	DAEN ORH	39 32.5	33.0	34.	33.	57.	27.	E 0.	E 0.
	ORH0020	UNDAY CR.			82 3.5						N .31	N .6
COUNTY NAME: BELMONT						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
BELMONT LAKE	OH00292	BARKCAMP CREEK	R	STATE OF OHI	40 0.	5.0	6.	48.	65.	6.	E 0.	E 0.
	ORP0020			O	81 .6						N .08	N .2
BARNESVILLE RESE RVOIR NO 3	OH00753	SLOPE CREEK	S	VILLAGE OF B	39 54.5	6.0	7.	57.	77.	4.	E 0.	E 0.
	ORP0021			ARNESVILLE	81 9.6						N .14	N .3

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF OHIO

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA (DM.M) (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: BELMONT						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
ST CLAIRSVILL RE	OH00793	LITTLE MCMAHON C	S	OGLEBAY NORT	40 0.	15.0	17.	22.	29.	0.	0.	0.
S NO 1 SOUTH	ORP0022	R		ON COAL CO.	80 55.3					E	E	
										N	.12	.2
COUNTY NAME: BROWN						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
WHITE OAK LAKE	OHU0069	WHITE OAK CREEK	CR		38 48.0	214.0	248.	135.	174.	78.	0.	0.
	ORH0021				83 55.0					U	U	
										T	6.53	11.8
LAKE WAYNOKA	OH00162	STRAIGHT CREEK	R	LAKE WAYNOKA	38 55.9	7.0	7.	44.	55.	5.	0.	0.
	ORL0181			INC.	83 47.8					E	E	
										N	.13	.2
COUNTY NAME: BUTLER						FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH				
DRY FORK	OHU0006	DRY FK WHITEWATE			39 18.8	45.0	45.	35.	45.	37.	0.	0.
	ORL0182	R RIVER			84 45.1					U	U	
										T	.39	.9
ACTON LAKE	OH00575	FOUR MILE CREEK	R	STATE OF OHI	39 33.4	102.0	102.	44.	45.	15.	0.	0.
	ORL0183			U	84 44.1					E	E	
										N	1.23	2.0
COUNTY NAME: CARROLL						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
LEESVILLE	OHU0071	MCGUIRE CREEK	CRO	DAEN ORH	40 28.1	48.0	52.	47.	62.	37.	0.	0.
	ORH0022				81 11.7					E	E	
										N	.81	1.7
COUNTY NAME: CLARK						FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH				
CLARENCE J BROWN	OH00028	BUCK CREEK	CR	DAEN ORL	39 57.0	82.0	82.	44.	55.	64.	0.	0.
RESERVOIR	ORL0184				83 44.8					E	E	
										N	.60	2.0

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF OHIO

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: **CLEARMONT**					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
STONELICK LAKE	OH00269 ORL0185	STONELICK CREEK	R O	STATE OF OHI	39 13.0 84 5.1	23.0	23.	44.	35.	7.	E 0. N .37	E 0. N .6
EAST FORK LAKE	OH00929 ORL0186	EAST FORK OF LIT TLE MIAMI	CR	DAEN ORL	38 57.2 84 5.1	342.0	342.	114.	176.	295.	E 0. N 20.30	E 0. N 26.9
COUNTY NAME: **CLINTON**					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
COWAN LAKE	OH00500 ORL0187	COWAN CREEK	R O	STATE OF OHI	39 23.3 83 55.5	72.0	72.	44.	55.	21.	E 0. N 1.22	E 0. N 2.0
COUNTY NAME: **COLUMBIANA**					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
WELLSVILLE RESERVIOR	OH00307 ORP0023	LITTLE YELLOW CR EEK	S	CITY OF WELL SVILLE	40 37.3 80 41.6	11.0	12.	39.	48.	1.	E 0. N .18	E 0. N .2
HIGHLANDTOWN LAKE	OH00635 ORP0024	LITTLEYELLOW CRE EK	R O	STATE OF OHI	40 38.3 80 44.9	23.0	25.	32.	43.	2.	E 0. N .26	E 0. N .5
COUNTY NAME: **DEFIANCE**					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
DEFIANCE POWER DAM	OH00385 NCB0192	AUGLAIZE RIVER	R N	TOLEDO EDISO N POWER CO	41 14.2 84 24.0	2329.0	1690.	34.	0.	0.	E 0. N 4.61	E 0. N 16.7
OHNONAME 17	OH00388 NCB0193	MAUMEE RIVER	C		41 17.4 84 16.9	5530.0	4000.	12.	0.	0.	E 0. N 4.71	E 0. N 17.5
COUNTY NAME: **DELAWARE**					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
ALUM CREEK	OH00055 ORH0023	ALUM CREEK	CR	CORPS	40 10.6 82 57.4	123.0	120.	66.	81.	135.	E 0. N 1.96	E 0. N 3.5

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF OHIO

(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: **DELAWARE**					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
BELLEPOINT	OHU0066	SCIOTO RIVER	C		40 24.0	768.0	618.	45.	60.	50.	U 0.	U 0.
	ORH0024				83 8.0						T 3.22	T 10.0
DELAWARE	OHU0068	OLENTANGY RIVER	CRSD	DAEN ORH	40 21.6	381.0	347.	34.	67.	132.	E 0.	E 0.
	ORH0025				83 4.2						N 2.51	N 5.2
OSHAUGNESSY	OH01310	SCIOTO	SR	COLUMBUS	40 6.0	979.0	787.	75.	90.	16.	E 0.	E 0.
	ORH0026				83 7.5						N 24.40	N 35.6
COUNTY NAME: **FRANKLIN**					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
BIG DARBY	OHU0082	BIG DARBY CREEK	C		39 42.0	448.0	372.	65.	80.	93.	U 0.	U 0.
	ORH0027				83 15.0						T 2.55	T 9.1
HOOVER	OHU0091	BIG WALNUT CREEK	SR	COLUMBUS	40 6.0	190.0	184.	65.	91.	90.	E 0.	E 0.
	ORH0028				82 52.9						N 2.47	N 5.0
J GRIGGS	OH03000	SCIOTO	SR	COLUMBUS	40 0.	1044.0	839.	25.	52.	15.	E 0.	E 0.
	ORH0029				83 5.6						N 3.64	N 8.9
COUNTY NAME: **GALLIA**					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
CORA LAKE	OHU0062	RACCOON CREEK	C		38 54.0	611.0	677.	51.	66.	240.	U 0.	U 0.
	ORH0030				82 25.0						T 3.24	T 13.0
COUNTY NAME: **GREENE**					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
WASHINGTON MILLS	OHU0004	LIT MIAMI RIVER			39 38.9	308.0	308.	35.	45.	61.	U 0.	U 0.
	ORL0188				84 2.8						T 2.27	T 5.4
HUFFMAN RESERVOIR	OH00426	MAD RIVER	C	MIAMI CONSER VANCY DISTR.	39 47.8	512.0	512.	44.	55.	297.	E 0.	E 0.
	ORL0189				84 5.4						N 3.25	N 13.0

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF OHIO

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: GUERNSEY					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
SENECAVILLE	OHU0078	SENECA FORK	CRO	DAEN ORH	39 55,6	118,0	129,*	28,*	39,*	89,*E	0, *E	0,
	ORH0031				81 26,7					*N	1,18*N	2,5
WILLS CREEK	OHU0081	WILLS CREEK	CRO	DAEN ORH	40 6,0	842,0	905,*	21,*	59,*	196,*E	0, *E	0,
	ORH0032				81 50,8					*N	3,77*N	11,2
COUNTY NAME: HAMILTON					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
WEST FORK OF MIL L CREEK LAKE	OHO0029	W FORK OF MILL C REEK	CR	DAEN ORL	39 15,6	30,0	30,*	48,*	66,*	11,*E	0, *E	0,
	ORL0190				84 29,8					*N	,43*N	,7
COUNTY NAME: HARRISON					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
CLENDENING	OHU0060	BRUSHY FORK	CRO	DAEN ORH	40 16,2	69,0	140,*	39,*	52,*	54,*E	0, *E	0,
	ORH0033				81 16,6					*N	1,04*N	2,0
PIEDMONT	OHU0076	STILLWATER CREEK	CRO	DAEN ORH	40 11,4	86,0	133,*	37,*	50,*	67,*E	0, *E	0,
	ORH0034				81 12,8					*N	1,17*N	2,3
TAPPAN	OHU0079	LITTLE STILLWATE R CREEK	CRO	DAEN ORA	40 21,5	71,0	75,*	33,*	44,*	62,*E	0, *E	0,
	ORH0035				81 13,6					*N	,91*N	1,7
COUNTY NAME: HIGHLAND					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE NY					
PAINT CREEK	OHU0075	PAINT CREEK	C	DAEN ORH	39 15,1	573,0	600,*	49,*	97,*	145,*E	0, *E	0,
	ORH0036				83 21,0					*N	2,55*N	10,4
COUNTY NAME: HOCKING					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
ATHENS COUNTY RE SERVOIR	OHU0063	HOCKING RIVER	C		39 24,0	569,0	552,*	43,*	58,*	61,*U	0, *U	0,
	ORH0037				82 28,0					*T	2,42*T	10,2

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(07/09/79)

POTENTIAL HYDROPOWER SITES

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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)	ENERGY (GWH)
COUNTY NAME: HOCKING					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
LOGAN LAKE	OHU0084 ORH0038	CLEAR CREEK	CSRO		39 35,0 82 36,0	84.0	81,*	73,*	92,*	78,*U *T	0, 1,73	*U 0, *T 3,6
COUNTY NAME: HOLMES					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
MILLERSBURG LAKE	OHU0086 ORH0039	KILLBUCK CREEK	C		40 30,0 81 57,0	381.0	328,*	30,*	45,*	77,*U *T	0, 3,17	*U 0, *T 6,6
COUNTY NAME: JEFFERSON					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
FRIENDSHIP PARK LAKE	OHU0123 ORP0025	LITTLE MCINTIRE CREEK	R	JEFFERSON COUNTY	40 17,0 80 45,9	3.0	3,*	69,*	87,*	2,*E *N	0, ,05	*E 0, *N ,1
COUNTY NAME: KNOX					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
NORTH BRANCH OF KOKOSING	OHU0074 ORH0040	NORTH BRANCH OF KOKOSING	CRO	DAEN ORH	40 30,4 82 34,6	45.0	45,*	30,*	60,*	15,*E *N	0, ,48	*E 0, *N ,7
UTICA LAKE	OHU0088 ORH0041	NORTH FORK LICKING RIVER	CSRO		40 15,0 82 27,0	112.0	128,*	39,*	52,*	78,*U *T	0, 1,47	*U 0, *T 2,8
COUNTY NAME: LAWRENCE					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
GETAWAY LAKE	OHU0067 ORH0042	SYMMES CREEK	C		38 18,0 82 31,0	327.0	327,*	53,*	68,*	140,*U *T	0, 3,26	*U 0, *T 8,6
COUNTY NAME: MAHONING					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
NEWPORT LAKE	OHO0415 ORP0026	MILL CREEK	R	YOUNGSTOWN TOWNSHIP PARK	41 0, 80 40,7	66.0	58,*	13,*	15,*	1,*E *N	0, ,28	*E 0, *N ,4

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF OHIO

(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: MAHONING						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
LAKE GLACIER	OH00416	MILL CREEK	R	YOUNGSTOWN T	41 0,	78.0	78,	11,	13,	0,E	0, E	0,
	ORP0027			OWNSHIP PARK	80 40.5					N	.23N	.6
LAKE MILTON	OH00419	MAHONING RIVER	RCS	CITY OF YOUN	41 6,0	273.0	238,	37,	47,	29,E	0, E	0,
	ORP0028			GSTOWN	80 58,7					N	2.04N	5.7
MCKELVEY LAKE	OH00626	DRY RUN	S	OHIO WATER S	41 6,0	9.0	9,	55,	69,	4,E	0, E	0,
	ORP0029			ERVICE CO,	80 35,7					N	.16N	.3
LAKE HAMILTON	OH00629	YELLOW CREEK	SR	OHIO WATER S	41 0,	39.0	38,	57,	74,	3,E	0, E	0,
	ORP0030			ERVICE CO,	80 35,5					N	.65N	1,4
BURGESS LAKE	OH00630	BURGESS RUN	S	OHIO WATER S	41 0,	31.0	30,	22,	30,	0,E	0, E	0,
	ORP0031			ERVICE CO,	80 36,0					N	.20N	.4
EVANS LAKE	OH00631	YELLOW CREEK	SR	OHIO WATER S	40 58,9	19,0	20,	32,	43,	14,E	0, E	0,
	ORP0032			ERVICE CO,	80 37,1					N	.25N	.3
COUNTY NAME: MERCER						FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH				
GRAND LAKE ST, M RYS	OH00580	BEAVER CREEK	R	STATE OF OHI	40 32,1	118,0	918,	44,	26,	177,E	0, E	0,
	ORL0191			O	84 34,4					N	1,42N	2,2
COUNTY NAME: MONTGOMERY						FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH				
GERMANTOWN DAM	OH00425	TWIN CREEK	C	MIAMI CONSER	39 36,3	272.0	272,	44,	55,	865,E	0, E	0,
	ORL0192			VANCY DISTR,	84 24,2					N	2.40N	5,2
TAYLORSVILLE DAM	OH00427	GREAT MIAMI RIVE	C	MIAMI CONSER	39 52,5	1050,0	1050,	44,	55,	386,E	0, E	0,
	ORL0193			VANCY DISTR,	84 9,7					N	3,13N	13,8
ENGLEWOOD DAM	OH00431	STILLWATER RIVER	C	MIAMI CONSER	39 52,2	664,0	664,	44,	55,	413,E	0, E	0,
	ORL0194			VANCY DISTR,	84 17,1					N	2,36N	8,9

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF OHIO

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: MORGAN						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
LOCK + DAM NO.6	OHU0096 ORH0043	MUSKINGHAM RIVER	R	OHIO	39 32.8 81 47.3	7611.0	7509.	11.	0.	0. E N	0. E 24.54 N	0. 58.4
LOCK + DAM NO.7	OHU0097 ORH0044	MUSKINGHAM RIVER	R	OHIO	39 30.6 81 51.0	7611.0	7534.	9.	0.	0. E N	0. E 19.39 N	0. 46.5
LOCK + DAM NO.8	OHU0098 ORH0045	MUSKINGHAM RIVER	R	OHIO	39 44.0 81 54.5	7248.0	7151.	10.	0.	0. E N	0. E 21.07 N	0. 50.6
COUNTY NAME: MUSKINGUM						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
DILLON	OHU0069 ORH0046	LICKING RIVER	CRD	DAEN ORH	39 59.5 82 4.8	742.0	786.	31.	85.	274. E N	0. E 2.32 N	0. 9.5
FRAZEYSBURG LAKE	OHU0063 ORH0047	WAKATOMIKA CREEK	C		40 6.0 82 8.0	139.0	147.	27.	70.	125. U T	0. U 1.26 T	0. 2.4
LOCK + DAM NO.9	OHU0099 ORH0048	MUSKINGHAM RIVER	R	OHIO	39 52.2 81 54.6	7019.0	6925.	9.	0.	0. E N	0. E 6.93 N	0. 31.3
LOCK + DAM NO.10	OHU0100 ORH0049	MUSKINGHAM RIVER	R	OHIO	39 56.5 81 .8	6840.0	6749.	14.	0.	0. E N	0. E 27.84 N	0. 86.8
COUNTY NAME: PICKAWAY						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
DEER CREEK	OHU0061 ORH0050	DEER CREEK	CRD	DAEN ORH	39 37.3 83 12.9	277.0	295.	39.	74.	103. E N	0. E 2.20 N	0. 4.8
COUNTY NAME: PORTAGE						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
MICHAEL J KIRWIN DAM AND RESERVO	OH00030 ORP0033	WEST BRANCH OF THE MAHONING	CROS	DAENORP	41 19.3 81 4.8	81.0	104.	65.	77.	124. E N	0. E 1.41 N	0. 4.5

LEGEND

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF OHIO

(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: PORTAGE						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
BERLIN DAM	OH00032	MAHONING RIVER	CRSO	DAENORP	41 2.8	249.0	229.	43.	89.	91.	E 0.	E 0.
	ORP0034				81 .2						N 2.47	N 6.5
LAKE ROCKWELL	OH00668	CUYAHOGA RIVER	SR	CITY OF AKRO	41 11.0	208.0	240.	26.	0.	0.	E 0.	E 0.
	NCB0194			N	81 19.8						N 2.25	N 5.1
COUNTY NAME: PREBLE						FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH				
LAKE LAKENGREN	OH00156	PAINT CREEK	R	LAKE LAKENGR	39 40.5	18.0	18.	44.	55.	4.	E 0.	E 0.
	ORL0195			EN PROPERTY	84 41.2						N .29	N .5
COUNTY NAME: SANDUSKY						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
FREMONT LOW HEAD DAM	OH00809	SANDUSKY RIVER	R	CITY OF FREM	41 19.6	1251.0	940.	21.	0.	0.	E 0.	E 0.
	NCB0195			ONT	83 8.2						N 3.66	N 8.8
COUNTY NAME: SCIOTO						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
HARRISON MILLS	OH00064	LITTLE SCIOTO RI	C		38 42.0	182.0	182.	56.	71.	102.	U 0.	U 0.
	ORH0051	VER			82 41.0						T 2.69	T 6.0
COUNTY NAME: SENECA						FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY				
TIFFIN LOW HEAD DAM 1031-007	OH00801	SANDUSKY RIVER	S	OHIO CITIES	41 7.4	1000.0	900.	7.	0.	0.	E 0.	E 0.
	NCB0196			WATER CO	83 10.3						N .38	N 1.5
TIFFIN LOW HEAD DAM 1031-008	OH00802	SANDUSKY RIVER	S	OHIO CITIES	41 6.0	966.0	650.	8.	0.	0.	E 0.	E 0.
	NCB0197			WATER CO	83 11.4						N .40	N 1.5

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF OHIO

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 12		FERC REGIONAL OFFICE CODE CH					
LOCKINGTON DRY RESERVOIR	OH00391 ORL0196	LORAMIE CREEK	C	MIAMI CONSER VANCY DISTR,	40 12,9 84 14,7	232,0	232,0	44,0	55,0	126,0	E 0, N 2,07	E 0, N 3,7
LAKE LORAMIE	OH00442 ORL0197	LORAMIE CREEK	R O	STATE OF OHI	40 21,5 84 21,5	70,0	70,0	44,0	30,0	17,0	E 0, N ,99	E 0, N 1,4
COUNTY NAME: STARK					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
UPPER DEER CREEK RES,	OH00241 ORP0035	DEER CREEK	S	CITY OF ALLI ANCE	40 58,4 81 10,7	33,0	22,0	26,0	35,0	15,0	E 0, N ,39	E 0, N ,7
DEER CREEK RESERVOIR	OH00779 ORP0036	DEER CREEK	S	CITY OF ALLI ANCE	40 58,1 81 7,0	33,0	22,0	26,0	34,0	4,0	E 0, N ,40	E 0, N ,7
COUNTY NAME: TRUMBULL					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
MOSQUITO CREEK DAM	OH00031 ORP0037	MOSQUITO CREEK	CRSO	DAENGRP	41 18,0 80 45,5	97,0	86,0	35,0	42,0	176,0	E 0, N 1,02	E 0, N 2,0
MEANDER CREEK RESERVOIR	OH00337 ORP0038	MEANDER CREEK	SR	MAHONING VAL LEY SANITARY	41 6,0 80 46,8	84,0	87,0	33,0	45,0	53,0	E 0, N ,94	E 0, N 1,7
NEWTON FALLS DAM	OH00339 ORP0039	EAST BR MAHONING RIVER	H	OHIO EDISON CO,	41 11,8 80 58,0	276,0	238,0	8,0	11,0	1,0	E 0, N ,38	E 0, N 1,2
LIBERTY LAKE	OH00633 ORP0040	SQUAW CREEK	SR	OHIO WATER S ERVICE CO,	41 11,1 80 42,3	15,0	16,0	32,0	40,0	2,0	E 0, N ,20	E 0, N ,2
LAKE GIRARD	OH00634 ORP0041	SQUAW CREEK	SR	OHIO WATER S ERVICE CO,	41 11,6 80 43,2	11,0	12,0	41,0	54,0	4,0	E 0, N ,19	E 0, N ,2

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF OHIO

(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: TUSCARAWAS					FERC POWER SUPPLY AREA 9			FERC REGIONAL OFFICE CODE NY				
ATWOOD LAKE	OHU0056	INDIAN FORK	CRO	DAEN ORH	40 31,6	70,0	72,0	41,0	55,0	50,0	E 0,	E 0,
	ORH0052				81 17,1						N 1,11	N 2,1
BEACH CITY	OHU0057	SUGAR CREEK	CRO	DAEN ORH	40 38,2	300,0	140,0	17,0	46,0	72,0	E 0,	E 0,
	ORH0053				81 33,4						N 1,88	N 4,0
DOVER	OHU0070	TUSCARAWAS RIVER	C	DAEN ORH	40 33,4	1379,0	1387,0	9,0	51,0	203,0	E 0,	E 0,
	ORH0054				81 24,8						N 3,78	N 8,7
COUNTY NAME: VINTON					FERC POWER SUPPLY AREA 9			FERC REGIONAL OFFICE CODE NY				
SALT CREEK	OHU0087	SALT CREEK	C		39 30,0	270,0	270,0	68,0	83,0	130,0	U 0,	U 0,
	ORH0055				82 37,0						T 1,93	T 7,9
COUNTY NAME: WARREN					FERC POWER SUPPLY AREA 12			FERC REGIONAL OFFICE CODE CH				
TODD FORK	OHU0002	TODD FK LIT MIAM			39 20,8	245,0	245,0	35,0	45,0	95,0	U 0,	U 0,
	ORL0198	I RIVER			84 4,8						T 2,26	T 4,7
MORROW	OHU0003	LIT MIAMI RIVER			39 21,5	685,0	685,0	35,0	45,0	244,0	U 0,	U 0,
	ORL0199				84 7,0						T 4,11	T 15,6
COWAN CREEK	OHU0005	COWAN CREEK			39 24,5	51,0	51,0	35,0	45,0	14,0	U 0,	U 0,
	ORL0200				83 57,4						T ,53	T 1,0
ARMCO PARK RESER VOIR	OH00553	SHAKER CREEK	R	ARMCO STEEL CORPORATION	39 27,0	6,0	8,0	44,0	55,0	5,0	E 0,	E 0,
	ORL0201				84 17,6						N ,08	N ,1
CAESAR CREEK LAKE	OH00927	CAESAR CREEK	CR	DAEN ORL	39 27,5	237,0	237,0	110,0	144,0	242,0	E 0,	E 0,
	ORL0202				83 58,4						N 4,22	N 12,1

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF OHIO

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 9			FERC REGIONAL OFFICE CODE NY				
LOCK + DAM NO.2	OHU0092	MUSKINGHAM RIVER	R	OHIO	39 28.2	8018.0	7911.	10.	0.	0.	0.E	0.
	ORH0056				81 29.5						23.31N	55.9
LOCK + DAM NO.3	OHU0093	MUSKINGHAM RIVER	R	OHIO	39 31.8	7985.0	7878.	12.	0.	0.	0.E	0.
	ORH0057				81 31.0						27.86N	66.9
LOCK + DAM NO.4	OHU0094	MUSKINGHAM RIVER	R	OHIO	39 33.2	7940.0	7834.	8.	0.	0.	0.E	0.
	ORH0058				81 38.8						6.97N	31.4
LOCK + DAM NO.5	OHU0095	MUSKINGHAM RIVER	R	OHIO	39 32.2	7744.0	7641.	9.	0.	0.	0.E	0.
	ORH0059				81 43.3						20.26N	48.6

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STATE OF WISCONSIN

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

HEAD (FEET)	CUMULATIVE TOTAL	POTENTIAL INCREMENTAL CAPACITY RANGES															
		.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	36	85	31	116	0	4	1	5	0	2	0	2	36	91	32	123
	CAPCTY	60.2	110	49.2	159	0.0	78.8	21.0	99.9	0.0	69.7	0.0	69.7	60.2	258	70.3	329
	ENERGY	307	429	215	644	0.0	205	54.2	259	0.0	269	0.0	269	307	903	269	1172
20-49	NUMBER	30	30	27	57	3	4	0	4	2	6	6	12	35	40	33	73
	CAPCTY	91.6	78.9	102	181	56.5	80.2	0.0	80.2	62.2	164	239	402	211	323	341	664
	ENERGY	449	255	457	713	251	162	0.0	162	227	363	870	1233	926	781	1327	2108
50-99	NUMBER	9	8	2	10	3	2	0	2	1	4	0	4	13	14	2	16
	CAPCTY	67.6	30.8	6.2	37.0	55.4	46.2	0.0	46.2	35.2	154	0.0	154	158	231	6.2	237
	ENERGY	282	82.6	27.2	110	283	94.4	0.0	94.4	142	226	0.0	226	707	403	27.2	430
>100	NUMBER	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1
	CAPCTY	0.0	0.0	0.0	0.0	0.0	0.0	19.2	19.2	0.0	0.0	0.0	0.0	0.0	0.0	19.2	19.2
	ENERGY	0.0	0.0	0.0	0.0	0.0	0.0	37.3	37.3	0.0	0.0	0.0	0.0	0.0	0.0	37.3	37.3
TOTAL	NUMBER	75	123	60	183	6	10	2	12	3	12	6	18	84	145	68	213
	CAPCTY	220	219	158	377	112	205	40.3	246	97.5	387	239	626	429	812	437	1249
	ENERGY	1038	768	699	1467	534	462	91.5	553	368	858	870	1728	1940	2087	1661	3748

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 WISCONSIN

(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: ADAMS					FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE					
SHERWOOD	WI00001	FOURTEEN MILE CR	R		44 12.2	64.0	58.	21.	29.	4.E	0. E	0.
	NCS0193	EEK			89 48.4					.33N		.4
CASTLE ROCK 2WP7	WI00724	WISCONSIN	HCR	WI RIVER POW	43 54.0	6845.0	4077.	28.	32.	241.E	15.00E	75.0
24	NCS0194			ER CO	89 57.3					20.05N		35.5
COUNTY NAME: ASHLAND					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
BAKER	WI00119	BAD	H		46 33.7	570.0	576.	104.	104.	44.U	0. U	0.
	NCS0195				90 40.6					T	19.27T	37.3
WHITE RIVER 1693	WI00725	WHITE	HR	LAKE SUPERIO	46 29.9	269.0	280.	50.	49.	1.E	0. E	0.
C99	NCS0196			R DIST PWR	90 54.5					2.20N		8.9
COUNTY NAME: BARRON					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE CH					
CHETEK	WI00098	CHETEK	HR	BARRON COUNT	45 18.8	190.0	95.	10.	11.	42.E	0. E	0.
	NCS0197			Y	91 38.9					.33N		.8
CEDAR LAKE	WI00100	RED CEDAR	R	BARRON COUNT	45 35.4	132.0	39.	8.	11.	69.E	0. E	0.
	NCS0198			Y	91 36.0					.16N		.7
RICE LAKE	WI00102	RED CEDAR	HR	BARRON COUNT	45 30.0	410.0	121.	11.	12.	11.E	0. E	0.
	NCS0199			Y	91 44.0					.65N		3.0
COUNTY NAME: BAYFIELD					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
WHITE RIVER	WI00118	WHITE	H		46 28.4	269.0	280.	50.	50.	18.U	0. U	0.
	NCS0326				91 0.					T	2.20T	8.9
DRUMMOND LAKE	WI00503	LONG LAKE BRANCH	R	BAYFIELD COU	46 20.9	33.0	34.	10.	13.	3.E	0. E	0.
	NCS0200	WHITE		NTY	91 15.5					.08N		.3

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

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: BAYFIELD					FERC POWER SUPPLY AREA 16					FERC REGIONAL OFFICE CODE		
MIDDLE EAU CLAIRE LAKE 2WP366	WI00523 NCS0201	EAU CLAIRE	R	BAYFIELD COU NTY	46 17,1 91 32,6	69,0*	72,*	11,*	15,*	24,*E *N	0, *E ,24*N	0, 1,0
NAMEKAGON	WI00623 NCS0202	NAMEKAGON	R	TOWN OF LAKE NAMEKAGON	46 13,4 91 8,8	33,0*	30,*	7,*	10,*	71,*E *N	0, *E ,06*N	0, ,3
PORT WING 2WP689	WI00726 NCS0203	IRON	HR	LAKE SUPERIO R DIST PWR	46 44,8 91 29,1	60,0*	173,*	41,*	55,*	3,*E *N	0, *E ,59*N	0, 2,5
COUNTY NAME: BROWN					FERC POWER SUPPLY AREA 13					FERC REGIONAL OFFICE CODE CH		
WEST DEPERE	WIU0140 NCC0215	FOX		NICOLET PAPE R CORP	44 27,0 88 3,0	6240,0*	4392,*	7,*	0,*	0,*E *N	1,12*E 3,16*N	6,4 13,1
COUNTY NAME: BURNETT					FERC POWER SUPPLY AREA 16					FERC REGIONAL OFFICE CODE CH		
DANBURY	WI00003 NCS0204	YELLOW	HR		45 59,8 92 22,4	310,0*	381,*	30,*	38,*	1,*E *N	1,08*E ,35*N	6,0 ,3
CLAM RIVER	WI00004 NCS0205	CLAM	HR	NW WISE ELEC CO	45 56,8 92 32,3	378,0*	311,*	35,*	35,*	6,*E *N	1,20*E ,83*N	4,0 5,0
LOOV LAKE	WI00243 NCS0206	LOON CREEK	RD	BURNETT COUN TY	45 59,0 92 10,5	40,0*	32,*	6,*	8,*	4,*E *N	0, *E ,06*N	0, ,2
CLAM LAKE 2WP233	WI00260 NCS0207	CLAM	R	BURNETT COUN TY	45 50,0 92 18,7	320,0*	260,*	6,*	8,*	16,*E *N	0, *E ,29*N	0, 1,3
CLAM LAKE 2WP233	WI00619 NCS0208	CLAM	R	BURNETT COUN TY	45 50,5 92 18,9	296,0*	240,*	6,*	8,*	16,*E *N	0, *E ,27*N	0, 1,2

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

(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: **CHIPPEWA**					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
SITE NO 21	WI00094	FLAMBEAU	H		45 18.5	1868.0	1804.*	17.*	17.*	5.*U	0. *U	0.
	NCS0209				91 13.9					*T	4.70*T	20.1
OTTER LAKE	WI00066	OTTER CREEK	R	CHIPPEWA COU	45 5.5	37.0	29.*	13.*	18.*	15.*E	0. *E	0.
	NCS0210			NTY	90 57.2					*N	.19*N	.3
JIM FALLS 1903C1	WI00729	CHIPPEWA	HR	NORTHERN STA	45 3.6	4891.0	2891.*	54.*	54.*	21.*E	14.40*E	82.8
72	NCS-IF0			TES POWER CO	91 16.0					*N	49.15*N	80.7
WISSOTA WP37	WI00730	CHIPPEWA	HR	NORTHERN STA	44 56.3	5548.0	4943.*	54.*	58.*	226.*E	35.28*E	141.6
	NCS0211			TES POWER CO	91 20.4					*N	35.10*N	42.9
CHIPPEWA FALLS W	WI00731	CHIPPEWA	HR	NORTHERN STA	44 55.9	5550.0	5042.*	30.*	30.*	5.*E	21.60*E	73.5
P304	NCS0212			TES POWER CO	91 23.3					*N	18.46*N	29.6
HOLCOMBE 2WP723	WI00732	CHIPPEWA	HR	NORTHERN STA	45 13.5	4700.0	3960.*	42.*	42.*	72.*E	33.75*E	99.7
	NCS0213			TES POWER CO	91 7.7					*N	6.56*N	22.7
COUNTY NAME: **CLARK**					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
MEAD	WI00067	SOUTH BRANCH EAU	R	CLARK COUNTY	44 47.4	79.0	63.*	12.*	16.*	4.*E	0. *E	0.
	NCS0214	CLAIRE			90 46.3					*N	.20*N	.3
COUNTY NAME: **COLUMBIA**					FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH					
PARDEEVILLE	WI00142	FOX	R		43 32.0	40.0	25.*	11.*	13.*	3.*E	.05*E	.1
	NCC0216				89 19.0					*N	0. *N	0.
KILBOURN	WI00005	WISCONSIN	HR	WPYL	43 37.6	7877.0	3742.*	24.*	25.*	10.*E	8.20*E	47.2
	NCS0215				89 46.9					*N	26.37*N	61.8

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

PROJECT NAME	IDENT (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 16		FERC REGIONAL OFFICE CODE					
BOSCOREL	WI00122 NCS0216	WISCONSIN	H		43 9,0 90 43,0	10790,0	7895,	22,	22,	95, U T	0, 37,18	U 0, T 136,8
LYNXVILLE UNITED STATES 9	WI00733 NCS-IF0	MISSISSIPPI	N	DAEN NCS	43 12,7 91 5,7	66800,0	31539,	5,	9,	270, E N	0, 29,87	E 0, N 113,0
COUNTY NAME: **DANE**					FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE					
MENDOTA LOCKS 2W P1286	WI00621 NCR0080	YAHARA	NR	CITY OF MADI SON	43 5,7 89 22,2	233,0	154,	8,	8,	295, E N	0, ,21	E 0, N ,8
COUNTY NAME: **DODGE**					FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH					
HORICON	WI00114 NCR-IF0	ROCK RIVER			43 50,0 88 50,0	465,0	358,	9,	0,	0, U T	0, ,48	U 0, T 2,1
UPPER BEAVER	WI00119 NCR0082	BEAVERDAM	R	CITY OF BEAV ER DAM	43 27,3 88 50,7	300,0	140,	11,	35,	57, E N	0, ,27	E 0, N 1,0
FOX LAKE	WI00253 NCR0083	BEAVERDAM	R	VILLAGE OF F OX LAKE	43 33,6 88 55,1	70,0	40,	7,	35,	28, E N	0, ,09	E 0, N ,2
HUSTISFORD	WI00254 NCR0084	ROCK	R	VILLAGE OF H USTISFORD	43 20,8 88 35,9	482,0	235,	7,	35,	19, E N	0, ,37	E 0, N ,9
THERESA MARSH 2W P2537	WI00612 NCR0085	EAST BRANCH ROCK	R	WI DNR	43 31,5 88 25,3	151,0	67,	8,	8,	21, E N	0, ,23	E 0, N ,4
COUNTY NAME: **DOUGLAS**					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
SAINT CROIX	WI00504 NCS0217	SAINT CROIX	R	DOUGLAS COUN TY	46 15,2 91 55,6	488,0	393,	7,	9,	20, E N	0, ,50	E 0, N 2,2

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

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: DUNN						FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE				
VARNEY CREEK	WI00095	RED CEDAR	H		44 49,9	1605,0	1220,*	30,*	30,*	4,*U	0, *U	0,
	NCS0218				91 56,9					*T	5,17*T	24,9
DUNNVILLE	WI00096	RED CEDAR	H		44 43,2	1838,0	1243,*	30,*	30,*	18,*U	0, *U	0,
	NCS0219				91 54,4					*T	5,23*T	25,3
EAU GALE	WI00008	EAU GALLE	HR	NSP	44 41,6	180,0	72,*	30,*	30,*	2,*E	0, *E	0,
	NCS0220				92 ,6					*N	,43*N	1,0
CEDAR FALLS 1883 C3	WI00734	RED CEDAR	I	NORTHERN STA TES POWER CO	44 51,1	1690,0	**********	50,*	52,*	37,*E	6,00*E	29,1
	NCS0221				91 53,3					*N	1,63*N	9,4
MENOMNEE 1861C36	WI00735	RED CEDAR	HR	NORTHERN STA TES POWER CO	44 53,0	1760,0	1134,*	32,*	32,*	21,*E	5,40*E	21,9
	NCS0222				91 55,7					*N	0, *N	0,
COUNTY NAME: EAU CLAIRE						FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE				
SITE NO 10	WI00103	CHIPPEWA	H		44 47,1	6737,0	6066,*	13,*	13,*	2,*U	0, *U	0,
	NCS0223				91 34,1					*T	21,07*T	54,2
ALTOONA	WI00011	EAU CLAIRE	R		44 49,2	792,0	713,*	20,*	27,*	11,*E	0, *E	0,
	NCS0224				91 26,6					*N	1,75*N	7,1
COUNTY NAME: EAU CLAIRE						FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE CH				
DELLS 1907C35	WI00736	CHIPPEWA	HR	CITY OF EAU CLAIRE	44 49,6	5752,0	5179,*	26,*	26,*	10,*E	9,50*E	43,8
	NCS-IFO				91 30,7					*N	26,48*N	48,8
COUNTY NAME: FLORENCE						FERC POWER SUPPLY AREA 1		FERC REGIONAL OFFICE CODE CH				
PINE WP 146	WI00738	PINE RIVER		WI - MI POWER CO	45 49,8	520,0	424,*	79,*	104,*	3,*E	3,60*E	19,0
	NCC0217			R	88 15,6					*N	2,15*N	2,7

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

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: **GRANT**					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE CH				
BRIDGEPORT	WIU0121	WISCONSIN	H		42 59.0	11660.0	6544.	25.	25.	0.U	0. U	0.
	NCS0323				91 4.0					T	41.10T	164.8
MUSCODA	WIU0123	WISCONSIN	H		43 12.0	10300.0	8423.	20.	20.	61.U	0. U	0.
	NCS0324				90 26.0					T	32.71T	119.0
COUNTY NAME: **IOWA**					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				
MINERAL POINT	WIU0115	PECATONICA RIVER			42 50.0	80.0	56.	37.	0.	0.U	0. U	0.
	NCR0092				90 15.0					T	.43T	1.2
COUNTY NAME: **IRON**					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
FLAMBEAU RESERVO IR	WI00041	FLAMBEAU	SR	CHIPPEWA FLA MBEAU IMP CO	46 4.2	666.0	635.	20.	27.	370.E	0. E	0.
	NCS0229				90 13.4					N	1.99N	9.1
GILE RESRVOIR	WI00042	WEST FORK MONTRE	SCR	LAKE SUPERIO R DIS PWR CO	46 25.6	65.0	77.	17.	23.	55.E	.92E	2.2
	NCS0230	AL			90 13.6					N	0. N	0.
LAKE OF THE FALL S 2WP257	WI00618	TURTLE	R	TOWN OF MERC ER	46 9.0	110.0	105.	8.	11.	5.E	0. E	0.
	NCS0231				90 9.8					N	.23N	.6
COUNTY NAME: **JACKSON**					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE CH				
BLACK R NO 1	WIU0127	BLACK	H		44 3.9	2200.0	1667.	40.	40.	179.U	0. U	0.
	NCS0232				91 18.5					T	6.30T	30.0
HATFIELD	WI00016	BLACK	HR		44 24.7	1326.0	993.	68.	92.	23.E	3.84E	16.0
	NCS0233				90 43.3					N	23.65N	22.9
BLACK RIVER FALL S	WI00043	BLACK	HR	CITY BLACK R IVER FALLS	44 17.8	1674.0	1253.	18.	20.	4.E	.92E	2.2
	NCS-IF0				90 50.8					N	2.89N	6.9

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

(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 HEIGHT OF DAM (FT)	MAXIMUM HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: JUNEAU						FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE				
NECEDAH	WI00146	YELLOW	R	WI POWER AND	44 12,0	565,0	307,	8,	11,	3,E	0, E	0,
	NCS0234			LIGHT CO	90 4,2					N	,37 N	1,2
PETENWELL	WI00740	WISCONSIN	HCR	WI RIVER POW	44 3,4	5860,0	4920,	42,	42,	547,E	20,00 E	102,0
	NCS0235			ER CO	90 1,2					N	25,01 N	39,9
COUNTY NAME: LA CROSSE						FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE				
NESHONOC	WI00148	LA CROSSE	R	LACROSSE COU	43 54,8	390,0	281,	10,	14,	9,E	0, E	0,
	NCS0236			NTY	91 4,5					N	,49 N	2,0
COUNTY NAME: LAFAYETTE						FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH				
CALAMINE	WIU0111	PECATONICA RIVER			42 45,0	198,0	134,	32,	0,	0,U	0, U	0,
	NCR0086				90 10,0					T	,85 T	2,5
COTTAGE INN	WIU0112	PECATONICA RIVER			42 45,0	14,0	9,	29,	0,	0,U	0, U	0,
	NCR0087				90 15,0					T	,06 T	,1
DILL	WIU0113	PECATONICA RIVER			42 30,0	1037,0	700,	16,	0,	0,U	0, U	0,
	NCR=IF0				89 50,0					T	2,21 T	7,1
PECATONICA	WIU0116	PECATONICA RIVER			42 50,0	69,0	49,	27,	0,	0,U	0, U	0,
	NCR0089				90 15,0					T	,27 T	,8
WOOD BRANCH	WIU0117	PECATONICA RIVER			42 35,0	18,0	11,	26,	0,	0,U	0, U	0,
	NCR0090				90 10,0					T	,06 T	,2
YELLOWSTONE	WI00071	YELLOWSTONE	R	WI DNR	42 45,4	29,0	18,	18,	35,	7,E	0, E	0,
	NCR0091				89 57,4					N	,06 N	,2

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(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

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: LANGLADE					FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CM					
NORTH POST LK	WIU00S4	WOLF			45 27.6	101.0	65.	16.	18.	19.	U 0.	U 0.
	NCC0225				89 5.0					T	.32 T	1.2
LOWER POST LK	WIU0147	WOLF			45 24.0	278.0	184.	11.	12.	10.	U 0.	U 0.
	NCC0284				88 54.0					T	.49 T	1.8
HANSON RIPS	WIU0170	WOLF			45 7.0	485.0	324.	35.	39.	0.	U 0.	U 0.
	NCC0226				88 40.3					T	2.78 T	12.1
GARDNER	WIU0171	WOLF			45 6.0	482.0	322.	54.	60.	0.	U 0.	U 0.
	NCC0265				88 41.0					T	4.05 T	18.3
WHITE LK CK	WIU0172	WOLF			45 6.0	466.0	311.	44.	49.	0.	U 0.	U 0.
	NCC0227				88 44.0					T	3.31 T	14.5
LANGLADE	WIU0173	WOLF			45 13.0	462.0	309.	36.	40.	0.	U 0.	U 0.
	NCC0228				88 43.0					T	2.71 T	11.8
SHERRY RAPIDS	WIU0174	WOLF			45 12.0	459.0	269.	42.	47.	0.	U 0.	U 0.
	NCC0229				88 45.0					T	3.12 T	13.7
LILY	WIU0175	WOLF			45 18.0	394.0	262.	27.	30.	0.	U 0.	U 0.
	NCC0230				88 51.3					T	1.83 T	7.6
COUNTY NAME: LINCOLN					FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE					
DELIS	WI00019	PRAIRIE	R		45 15.4	126.0	125.	33.	45.	2.	E 0.	E 0.
	NCS0237				89 33.8					N	.89 N	2.7
LITTLE SOMO RIVE R 2WP46	WI00710	LITTLE SOMO	R	LINCOLN COUN	45 29.8	138.0	133.	5.	7.	5.	E 0.	E 0.
	NCS0238			TY	89 50.8					N	.14 N	.5
RICE	WI00741	TOMAHAWK	OR	WI VALLEY IM	45 32.3	545.0	531.	10.	13.	26.	E 0.	E 0.
	NCS0239			PROVEMENT CO	89 44.7					N	.72 N	3.7

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

(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: LINCOLN						FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH				
MERRILL 1874C118	WI00742 NCS0240	WISCONSIN	HR	WI PUBLIC SERVICE CORP	45 10.7 / 89 41.2	2780.0	2672.	14.	15.	12.	.84 E 4.61 N	6.0 18.9
UPPER GRANDFATHER FALLS 2WP35	WI00743 NCS0241	WISCONSIN	HR	WI PUBLIC SERVICE CORP	45 18.8 / 89 47.1	2293.0	2204.	95.	94.	10.	17.24 E 28.37 N	101.0 49.0
KINGS 1853C30	WI00744 NCS0242	WISCONSIN	HR	TOMAHAWK POWER AND PULP	45 28.9 / 89 40.8	1297.0	1198.	23.	23.	14.	.32 E 4.04 N	1.0 18.2
JERSEY 2WP33	WI00745 NCS0243	TOMAHAWK	HR	WI PUBLIC SERVICE CORP	45 29.5 / 89 45.0	557.0	543.	15.	15.	3.	.51 E .82 N	2.8 3.2
TOMAHAWK 2WP320	WI00746 NCS0244	WISCONSIN	HR	WI PUBLIC SERVICE CORP	45 26.5 / 89 43.8	2028.0	1949.	16.	15.	15.	2.60 E 2.12 N	14.0 6.9
GRANDMOTHER FALLS WP185	WI00747 NCS0245	WISCONSIN	HR	OWENS ILLINOIS INC	45 22.0 / 89 43.7	2269.0	2200.	19.	19.	6.	3.00 E 2.81 N	18.2 9.1
ALEXANDER WP200	WI00748 NCS0246	WISCONSIN	HR	WI PUBLIC SERVICE CORP	45 11.3 / 89 45.3	2520.0	2400.	24.	23.	8.	4.20 E 3.90 N	22.6 15.7
SPIRIT RIVER RESERVOIR 2WP585	WI00749 NCS0247	SPIRIT	OR	WI VALLEY IMPROVEMENT CO	45 26.3 / 89 44.5	174.0	167.	10.	14.	27.	0. E .33 N	0. 1.1
COUNTY NAME: MARATHON						FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH				
TRAPPE RAPIDS	WIU0058 NCS-IF0	WISCONSIN	H		45 5.0 / 89 37.2	2790.0	2682.	24.	24.	1. U T	0. U 9.09 T	0. 42.5
TRAPPE RAPID	WIU0126 NCS0248	WISCONSIN	H		45 5.0 / 89 37.2	2790.0	2682.	24.	24.	13. U T	0. U 9.09 T	0. 42.5
MOSINEE 1893C138	WI00750 NCS0249	WISCONSIN	HR	MOSINEE PAPER COMPANY	44 47.5 / 89 41.8	4126.0	3400.	22.	22.	3.	3.40 E 9.14 N	23.0 26.1

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

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: **MARATHON**					FERC POWER SUPPLY AREA 13					FERC REGIONAL OFFICE CODE CH		
ROTHSCHILD 1903C	WI00751	WISCONSIN	HR	WEYERHAEUSER	44 53,5	4016,0	2874,	21,	20,	20,	3,64 E	21,0
155	NCS0250			COMPANY	89 37,6					N	6,74 N	23,5
WAUSAU 1854C82	WI00752	WISCONSIN	HR	WI PUBLIC SE	44 57,4	3092,0	2900,	28,	27,	3,	5,40 E	27,5
	NCS0251			RVICE CORP	89 38,1					N	12,73 N	32,1
BIG EAU PLEINE 2	WI00753	BIG EAU PLEINE	OCR	WI VALLEY IM	44 43,9	365,0	337,	22,	30,	161,	0, E	0,
WP189	NCS0252			PROVEMENT CO	89 45,6					N	1,43 N	3,3
COUNTY NAME: **MARINETTE**					FERC POWER SUPPLY AREA 13					FERC REGIONAL OFFICE CODE CH		
ROARING RAPIDS	WIU0128	PESHTIGO			45 23,3	435,0	290,	16,	0,	0,	9,70 E	49,4
	NCC0231				88 18,3					N	0, N	0,
HIGH FALLS	WI00754	PESHTIGO		WI PUB SERV	45 16,8	554,0	478,	70,	94,	28,	7,00 E	15,0
	NCC0232			CORP	88 12,0					N	0, N	0,
LITTLE QUINNESEC	WI00755	MENOMINEE RIVER		NIAGARA OF W	45 46,2	2502,0	2541,	60,	81,	2,	8,39 E	35,0
FALLS	NCC0233			I PAPER CORP	87 59,4					N	22,64 N	71,5
PESHTIGO	WI00756	PESHTIGO		WI PUB SERV	45 3,0	1086,0	936,	18,	24,	3,	,58 E	3,2
	NCC0234			CORP	87 45,0					N	2,14 N	7,9
POTATO RAPIDS	WI00757	PESHTIGO		WI PUB SERV	45 7,2	1601,0	1333,	16,	22,	3,	1,38 E	4,8
	NCC0235			CORP	87 45,6					N	2,61 N	9,9
JOHNSON FALLS	WI00758	PESHTIGO		WI PUB SERV	45 17,4	647,0	558,	38,	51,	2,	3,52 E	12,0
	NCC0236			CORP	88 9,6					N	,33 N	2,3
CALDRON FALLS	WI00759	PESHTIGO		0,	45 21,6	496,0	428,	66,	90,	22,	6,40 E	17,0
	NCC0237				88 13,8					N	0, N	0,
SANDSTONE RAPIDS	WI00760	PESHTIGO		WI PUB SERV	45 13,8	675,0	582,	38,	51,	2,	3,84 E	15,0
	NCC0238			CORP	88 4,2					N	0, N	0,

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

(07/10/79)

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COUNTY NAME: MARQUETTE						FERC POWER SUPPLY AREA 1		FERC REGIONAL OFFICE CODE CM				
LAWRENCE	WI00020	DUCK CREEK		PIONEER POWE	43 52.8	29.0	20.	27.	37.	2.*E	.20*E	.4
	NCC0239			R LIGHT CO	89 33.0					*N	0. *N	0.
HARRISVILLE	WI00074	MONTELLO CREEK		DUANE MILLER	43 52.8	100.0	87.*	15.*	20.*	1.*E	.19*E	.6
	NCC0240				89 24.6					*N	0. *N	0.
LAWRENCE	WI00075	DUCK CREEK		MONTELLO GRA	43 47.4	160.0	140.*	15.*	20.*	3.*E	.38*E	.5
	NCC0241			NITE CO	89 19.8					*N	0. *N	0.
COUNTY NAME: MENOMINEE						FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CM				
KESHENA FALLS	WI00136	WOLF			44 53.0	812.0	549.*	33.*	37.*	0.*U	0. *U	0.
	NCC0242				88 38.0					*T	4.11*T	18.0
DALLAS	WI00137	WOLF			45 2.0	604.0	406.*	75.*	83.*	9.*E	10.20*E	27.2
	NCC0243				88 40.0					*N	0. *N	0.
SHOTGUN RAPIDS	WI00138	WOLF			45 5.0	508.0	340.*	48.*	56.*	0.*E	5.80*E	15.3
	NCC0244				88 37.3					*N	0. *N	0.
NEOPIT	WI00143	W BR WOLF		MENOMINEE IN	44 58.0	108.0	70.*	12.*	13.*	0.*E	.11*E	.4
	NCC0245			DIAN MILLS	88 50.0					*N	.12*N	.5
BIG EDDY FALLS	WI00168	WOLF			44 57.0	629.0	423.*	12.*	0.*	0.*U	0. *U	0.
	NCC0246				88 37.0					*T	1.31*T	5.2
SMOKY FALLS	WI00169	WOLF			45 0.	617.0	415.*	25.*	0.*	0.*U	0. *U	0.
	NCC0247				88 38.0					*T	2.61*T	11.0
COUNTY NAME: MONROE						FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE				
TRI CREEK NUMBER ONE 3WR1378	WI00806	TR MORRIS CREEK	CR	MONROE COUNT	43 51.2	33.0	21.*	17.*	23.*	2.*E	0. *E	0.
	NCS0253			Y SUCD	90 37.6					*N	.05*N	.2

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

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COUNTY NAME: OCONTO						FERC POWER SUPPLY AREA 1		FERC REGIONAL OFFICE CODE CH				
STILES	WI00762	OCONTO		OCONTO EIE C	44 51.6	796.0	686.	24.	32.	6. E	1.50 E	7.0
	NCC0248			OOP	88 3.6					N	1.71 N	4.3
UPPER OCONTO FAL LS	WI00763	OCONTO		WI - MI PWR	44 52.8	750.0	646.	27.	36.	1. E	1.32 E	5.9
	NCC0249			CO	88 9.0					N	2.01 N	6.0
COUNTY NAME: ONEIDA						FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE				
HANCOCK LAKE	WI00684	RICE CREEK	R	VILLAGE OF W	45 36.5	29.0	28.	7.	10.	3. E	0. E	0.
	NCS0254			OODBORO	89 38.3					N	.09 N	.1
BURNT ROLLWAYS 1909C36	WI00764	EAGLE	OR	WI VALLEY IM	45 53.6	129.0	120.	7.	9.	49. E	0. E	0.
	NCS0255			PROVEMENT CO	89 8.5					N	.16 N	.6
SUGAR CAMP 1909C 361	WI00766	SUGAR CAMP CREEK	OR	WI VALLEY IM	45 52.3	59.0	54.	5.	7.	17. E	0. E	0.
	NCS0256			PROVEMENT CO	89 23.7					N	.05 N	.2
MINOCQUA 1909C36 1	WI00767	TOMAHAWK	OR	WI VALLEY IM	45 52.6	89.0	87.	6.	8.	33. E	0. E	0.
	NCS0257			PROVEMENT CO	89 43.7					N	.21 N	.3
HAT RAPIDS 1903C 239	WI00770	WISCONSIN	HR	WI PUBLIC SE	45 34.3	1143.0	1055.	21.	20.	4. E	1.12 E	7.5
	NC30258			RVICE CORP	89 28.8					N	2.83 N	8.3
RHINELANDER 1907 C280	WI00771	WISCONSIN	HR	RHINELANDER	45 38.5	861.0	795.	30.	32.	6. E	2.12 E	10.0
	NCS0259			PAPER CO	89 25.2					N	1.95 N	6.9
NORTH PELICAN LA KE 1909C36	WI00772	NORTH BRANCH PEL ICAN	OR	WI VALLEY IM PROVEMENT CO	45 38.1 89 14.6	71.0	66.	4.	6.	10. E	0. E	0.
	NCS0260									N	.06 N	.2
WILLOW RIVER RES ERVOIR 2WP50	WI00774	TOMAHAWK	OCR	WI VALLEY IM PROVEMENT CO	45 42.7 89 50.7	327.0	319.	11.	15.	74. E	0. E	0.
	NCS0261									N	.58 N	2.6
RAINBOW RESERVOI R 2WP76	WI00775	WISCONSIN	OR	WI VALLEY IM PROVEMENT CO	45 50.0 89 32.7	740.0	688.	16.	21.	86. E	0. E	0.
	NCS0262									N	1.63 N	7.8

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

(07/10/79)

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COUNTY NAME: ONEIDA					FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE					
PICKERAL 2WP185	*WI00776* *NCS0263*	SAINT GERMAIN	OR	WI VALLEY IM* PROVEMENT CO*	45 52,4 89 31,8	109,0*	100,*	5,*	7,*	7,*E *N	0, *E ,12*N	0, ,4
COUNTY NAME: OUTAGAMIE					FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH					
APPLETON 03500	*WIU0129* *NCC0250*	FOX	H	CONSOLIDATED* PAPERS INC *	44 15,3 88 25,0	6100,0*	4292,*	7,*	0,*	0,*E *N	,48*E 3,73*N	2,6 16,5
APPLETON 03520	*WIU0130* *NCC0251*	FOX		APPLETON WOO* LEN MILLS *	44 15,3 88 25,0	6100,0*	4291,*	9,*	0,*	0,*E *N	,10*E 5,06*N	,7 23,6
ATLAS MILL	*WIU0131* *NCC0252*	FOX			44 15,3 88 25,0	6090,0*	4284,*	13,*	0,*	0,*U *T	0, *U 6,92*T	0, 34,6
APPLETON 03540	*WIU0132* *NCC0253*	FOX		WISCONSIN MI* CHIGAN POWER*	44 15,3 88 25,0	6065,0*	4267,*	9,*	0,*	0,*E *N	1,44*E 3,72*N	9,8 14,4
APPLETON 03550	*WIU0133* *NCC0254*	FOX			44 15,3 88 25,0	6090,0*	4284,*	14,*	0,*	0,*U *T	0, *U 7,55*T	0, 37,3
LEEMAN	*WIU0134* *NCC0255*	WOLF			44 34,3 88 33,0	1230,0*	838,*	18,*	20,*	0,*E *N	5,00*E 0, *N	12,4 0,
BADGER	*WIU0139* *NCC0256*	FOX		KAUKAUNA ELE* CTIRC WATER *	44 23,0 88 16,0	6138,0*	4319,*	22,*	0,*	0,*E *N	5,60*E 9,39*N	35,0 26,7
FIGOR	*WIU0141* *NCC0257*	DUCK CREEK		FIGOR,D,J, *	44 23,0 88 20,0	25,0*	16,*	16,*	0,*	0,*E *N	,04*E ,20*N	,1 ,5
KAUKAUNA	*WI00080* *NCC0258*	FOX		DAUKAUNA ELE* C WTR DEPT *	44 16,8 88 16,2	6138,0*	4111,*	19,*	26,*	1,*E *N	4,80*E 11,21*N	31,8 24,1
MIDDLE APPLETON	*WI00166* *NCC0259*	FOX		FOX RIVER PA* PER CORR *	44 15,6 88 24,6	6100,0*	4085,*	15,*	20,*	0,*E *N	1,16*E 6,67*N	7,0 32,3

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COUNTY NAME: OUTAGAMIE					FERC POWER SUPPLY AREA 1			FERC REGIONAL OFFICE CODE CH				
LITTLE CHUTE	WI00779	FOX		KAUKAUNA ELE	44 16.8	6120.0	4099.	15.	20.	2.	E 3.30	E 19.0
	NCC0260			C WTR DEPT	88 19.2						N 4.56	N 20.4
KIMBERLY	WI00852	FOX		DIMBERLY - C	44 16.8	6110.0	4092.	12.	16.	2.	E 2.70	E 13.0
	NCC0261			LARK CORP	88 19.8						N 2.85	N 17.7
RAPIDE CROCHE	WI00853	FOX RIVER		KAUKAUNA ELE	44 19.2	6150.0	4119.	10.	14.	3.	E 2.40	E 13.0
	NCC0262			C WTR DEPT	88 12.0						N 3.35	N 15.0
COUNTY NAME: OZAUKEE					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				
UDPWI90001	WIU0177	CEDAR CK			43 18.0	121.0	69.	8.	0.	0.	U 0.	U 0.
	NCC0263				87 5.9						T .18	T .3
LIME KILN	WIU0178	MILWAUKEE			43 18.3	476.0	273.	9.	11.	0.	U 0.	U 0.
	NCC0264				87 56.9						T .39	T 1.1
COUNTY NAME: PEPIN					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE CH				
DURAND NO 1	WIU0086	CHIPPEWA	H		44 45.0	9300.0	4585.	20.	26.	7.	U 0.	U 0.
	NCS0264				91 58.0						T 35.09	T 107.5
DURAND NO 2	WIU0087	CHIPPEWA	H		44 38.0	9010.0	6873.	37.	42.	18.	U 0.	U 0.
	NCS0265				91 59.0						T 52.40	T 185.5
COUNTY NAME: PIERCE					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
PLUM CREEK 2	WI00382	PLUM CREEK	CD	PIERCE COUNT	44 40.1	35.0	28.	41.	55.	8.	E 0.	E 0.
	NCS0266			Y SWCD	92 12.4						N .11	N .3
EAV GALLE RIVER LAKE	WI00780	EAU GALLE RIVER	CR	DAEN NCS	44 51.5	60.0	25.	86.	117.	57.	E 0.	E 0.
	NCS0267				92 14.4						N .42	N 1.0

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IN THE STATE OF WISCONSIN

(07/10/79)

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COUNTY NAME: POLK					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE CH				
CLAM FALLS	WI00022	CLAM	HR		45 41.2	45.0	32.	30.	32.	1.E	.11E	.5
	NCS0268				92 17.7					N	0. N	0.
SAINT CROIX FALLS	WI00023	SAINT CROIX	HR		45 24.7	5930.0	3547.	59.	60.	13.E	23.20E	114.3
	NCS0269				92 38.9					N	41.25N	53.3
LOWER BALSAM LAKE	WI00024	BALSAM BRANCH	HR		45 26.9	240.0	131.	24.	32.	47.E	0. E	0.
	NCS0270				92 27.0					N	.57N	2.1
BLACK BROOK	WI00050	APPLE	R	POLK COUNTY	45 15.8	240.0	131.	18.	24.	1.E	0. E	0.
	NCS0271				92 24.2					N	.41N	1.6
AMERY	WI00172	APPLE	R	NORTHERN SUP	45 18.5	240.0	151.	7.	10.	5.E	0. E	0.
	NCS0272			PLY COMPANY	92 21.6					N	.17N	.7
COUNTY NAME: PORTAGE					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				
COB TOWN	WIU0154	WAUPACA			44 22.0	154.0	101.	11.	0.	0. U	0. U	0.
	NCC0218				89 12.0					T	.21T	1.0
AMHERST	WIU0155	WAUPACA	OR	WIS POWER +	44 25.0	92.0	60.	8.	9.	0. U	0. U	0.
	NCC0219			LIGHT CO	89 17.0					T	.09T	.5
PAGEL MILL	WIU0156	WAUPACA			44 26.0	90.0	58.	9.	0.	0. U	0. U	0.
	NCC0220				89 17.0					T	.10T	.5
NELSONVILLE	WIU0157	WAUPACA	HR	WIS POWER +	44 29.0	62.0	40.	8.	9.	0. U	0. U	0.
	NCC0221			LIGHT CO	89 19.0					T	.06T	.3
STEVENS POINT 2W P43	WI00781	WISCONSIN	HR	CONSOLIDATED	44 31.0	4964.0	4600.	18.	17.	12.E	3.84E	25.0
	NCS0273			WATER POWER	89 35.3					N	16.89N	29.7
DUBAY 2WP533	WI00784	WISCONSIN	HR	CONSOLIDATED	44 39.9	4822.0	4317.	27.	25.	103.E	7.20E	40.0
	NCS0274			WATER POWER	89 39.0					N	19.05N	37.2

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

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: PRICE					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
SITE NO 29	WI00088	FLAMBEAU	H		45 51.5	1052.0	1012.	20.	20.	2. U	0. U	0.
	NCS0275				90 38.3					T	3.04 T	12.7
MURRAY	WI00178	ELK	R	CITY OF PHIL	45 42.2	662.0	639.	7.	10.	7. E	0. E	0.
	NCS0276			LIPS ETAL	90 39.9					N	.60 N	2.8
JOBES	WI00179	ELK	R	CITY OF PHIL	45 41.0	191.0	184.	7.	10.	6. E	0. E	0.
	NCS0277			LIPS	90 27.1					N	.26 N	.9
MUSSER	WI00180	ELK	R	CITY OF PHIL	45 44.5	57.0	55.	9.	12.	6. E	0. E	0.
	NCS0278			LIPS ETAL	90 17.2					N	.19 N	.3
UPPER HYDRO	WI00766	FLAMBEAU	HR	FLAMBEAU PAP	45 56.3	760.0	725.	18.	19.	5. E	.90 E	5.5
	NCS0279			ER COMPANY	90 26.7					N	1.09 N	2.7
PIXLEY WP61	WI00787	FLAMBEAU	HR	FLAMBEAU PAP	45 52.8	783.0	726.	22.	21.	2. E	.96 E	5.1
	NCS0280			ER COMPANY	90 30.7					N	1.52 N	5.3
CROWLEY WP381	WI00788	FLAMBEAU	HR	FLAMBEAU PAP	45 52.1	800.0	742.	20.	21.	5. E	1.50 E	7.8
	NCS0281			ER COMPANY	90 35.1					N	.80 N	1.8
COUNTY NAME: RICHLAND					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE CH				
LONE ROCK	WI00124	WISCONSIN	H		43 10.0	9808.0	8021.	28.	28.	197. U	0. U	0.
	NCS0325				90 10.0					T	40.09 T	156.2
COUNTY NAME: RUSK					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
SITE NO 4	WI00099	CHIPPEWA	H		45 42.0	965.0	858.	19.	19.	3. U	0. U	0.
	NCS0282				91 12.7					T	2.65 T	11.0
BRUNET	WI00100	CHIPPEWA	H		45 39.5	1087.0	966.	28.	28.	9. U	0. U	0.
	NCS0283				91 10.8					T	4.25 T	18.2

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

(07/10/79)

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COUNTY NAME: **RUSK**					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
MURRY	WI00101	CHIPPEWA	H		45 35,4	1265,0*	1124,*	35,*	35,*	7,*U	0, *U	0,
	NCS0284				91 12,1					*T	5,96*T	26,2
GRAND RAPIDS	WI00102	CHIPPEWA	H		45 31,2	1330,0*	1147,*	35,*	35,*	19,*U	0, *U	0,
	NCS0285				91 14,1					*T	6,22*T	27,6
AMACOY	WI00422	TR CHIPPEWA	CR	TOWN OF STUB	45 24,5	1705,0*	1471,*	15,*	20,*	9,*E	0, *E	0,
	NCS0225			BS	91 17,9					*N	3,72*N	14,6
LADYSMITH	WI00791	FLAMBEAU	HR	LAKE SUPERIO	45 27,9	1940,0*	1873,*	17,*	17,*	3,*E	1,80*E	11,0
	NCS0226			R DIST POWER	91 5,0					*N	2,77*N	7,9
THORNAPPLE WP148	WI00792	FLAMBEAU	HR	LAKE SUPERIO	45 24,7	1965,0*	1797,*	14,*	13,*	3,*E	1,40*E	8,5
	NCS-IFO			R DIST POWER	91 13,0					*N	2,56*N	7,4
BIG FALLS 2WP917	WI00793	FLAMBEAU	HR	LAKE SUPERIO	45 33,3	1838,0*	1760,*	52,*	50,*	6,*E	7,78*E	41,0
	NCS0227			R DIST POWER	90 57,6					*N	9,06*N	21,6
FLAMBEAU 2WP663	WI00794	FLAMBEAU	HR	DAIRYLAND PO	45 29,5	1910,0*	1760,*	66,*	68,*	58,*E	15,00*E	66,0
	NCS0228			WER COOP	91 2,8					*N	10,09*N	16,7
COUNTY NAME: **SAUK**					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				
HONEY CREEK	WI00125	WISCONSIN	H		43 14,2	9080,0*	7426,*	12,*	12,*	13,*U	0, *U	0,
	NCS0286				89 48,3					*T	14,59*T	61,0
PRARIE DV SAC	WI00029	WISCONSIN	HR	WI POWER AND	43 18,6	9000,0*	5265,*	40,*	38,*	80,*E	28,50*E	126,9
	NCS-IFO			LIGHT CO	89 43,5					*N	26,85*N	74,2
DELL CREEK	WI00055	DELL CREEK	R	UNIV OF WI A	43 36,2	61,0*	49,*	16,*	22,*	2,*E	0, *E	0,
	NCS0287			LUMNI ASSOC	89 46,1					*N	,14*N	,6
DUTCH HOLLOW LAKE	WI00193	DUTCH HOLLOW CRE	R	BRANIGAR LAK	43 36,4	223,0*	130,*	35,*	47,*	6,*E	0, *E	0,
	NCS0288	EK		E PROP OF WI	90 10,7					*N	,90*N	3,1

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

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: SAWYER					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
SITE NO 28	WIU0089	FLAMBEAU	H		45 46,9	1080,0	1039,	19,	19,	4,U	0, U	0,
	NCS0289				90 45,2					T	2,97T	12,4
SITE NO 27	WIU0090	FLAMBEAU	H		45 41,2	1744,0	1684,	22,	22,	0,U	0, U	0,
	NCS0290				90 48,6					T	5,71T	24,2
SITE NO 26	WIU0091	FLAMBEAU	H		45 38,9	1619,0	1581,	20,	20,	2,U	0, U	0,
	NCS0291				90 47,6					T	4,79T	20,5
SITE NO 25	WIU0092	FLAMBEAU	H		45 38,0	1794,0	1732,	22,	22,	4,U	0, U	0,
	NCS0292				99 53,0					T	5,52T	24,6
SITE NO 24	WIU0093	FLAMBEAU	H		45 36,4	1789,0	1736,	25,	25,	3,U	0, U	0,
	NCS0293				90 55,6					T	6,05T	27,7
LOWERS	WIU0097	CHIPPEWA	H		45 48,7	790,0	703,	29,	29,	8,U	0, U	0,
	NCS0294				91 4,7					T	3,26T	13,7
SITE NO 2	WIU0098	CHIPPEWA	H		45 47,4	795,0	707,	19,	19,	2,U	0, U	0,
	NCS0295				91 9,3					T	2,18T	9,1
GHOST LAKE	WI00194	GHOST CREEK	R	H PEARSON AN	46 4,5	130,0	116,	10,	14,	3,E	0, E	0,
	NCS0296			D F SMITH	91 3,0					N	,32N	1,4
MOOSE LAKE	WI00195	WEST FORK CHIPPE	R	CHIPPEWA FLA	46 2,0	224,0	199,	10,	13,	18,E	0, E	0,
	NCS0297	WA		MBEAU IMP CO	91 4,5					N	,31N	1,3
TOTAGATIC	WI00197	TOTAGATIC	R	SAWYER COUNT	46 6,0	52,0	42,	10,	14,	44,E	0, E	0,
	NCS0298			Y	91 30,8					N	,13N	,6
PRICE 2 WP1664	WI00676	BRUNET	R	SAWYER COUNT	45 47,7	69,0	60,	12,	16,	10,E	0, E	0,
	NCS0299			Y	90 59,3					N	,28N	,5
ARPIN	WI00796	CHIPPEWA	HR	NORTH CENTRA	45 45,6	929,0	825,	34,	35,	2,E	1,45E	5,8
	NCS0300			L POWER CO	91 12,1					N	2,93N	13,0

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

(07/10/79)

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COUNTY NAME: SAWYER					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE CH					
CHIPPEWA	*WI00797	*CHIPPEWA	*OR	*NORTHERN STA	45 53.3	864.0*	710.*	26.*	35.*	332.*E	0.	*E 0.
	NCS0301			*TES POWER CO*	91 4.6					*N	3.20	*N 13.4
COUNTY NAME: SHAWANO					FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH					
TIGERTON	*WI00040	*S BR EMBARRASS			49 43.8	80.0*	25.*	12.*	0.*	0.*U	0.	*U 0.
	NCC0265				89 2.0					*T	.16	*T .5
GRALAPPS	*WI00041	*S BR EMBARRASS			44 46.8	55.0*	35.*	10.*	0.*	0.*U	0.	*U 0.
	NCC0266				89 10.0					*T	.09	*T .3
WEASLE	*WI00165	*M BR EMBARRASS			44 46.0	116.0*	75.*	7.*	8.*	0.*U	0.	*U 0.
	NCC0267				88 58.0					*T	.14	*T .4
SHAWANO	*WI00205	*WOLF RIVER		*SHAWANO PAPE	44 46.8	1127.0*	1098.*	11.*	15.*	1.*E	.26	*E 1.4
	NCC0268			*R MILLS	88 37.2					*N	1.91	*N 7.2
UPPER GRESHAM	*WI00799	*RED RIVER		*VILLAGE OF G	44 51.6	147.0*	109.*	33.*	44.*	1.*E	.28	*E .7
	NCC0269			*RESHAM	88 47.4					*N	.66	*N 1.7
UPPER SHAWANO	*WI00800	*WOLF RIVER		*WI POWER + L	44 50.4	850.0*	828.*	16.*	22.*	1.*E	.70	*E 3.9
	NCC0270			*IGHT CO	88 37.8					*N	1.69	*N 5.6
WEED DAM	*WI00801	*FOX		*VILLAGE OF G	44 50.4	192.0*	142.*	26.*	35.*	3.*E	.63	*E 1.8
	NCC0271			*RESHAM	88 45.0					*N	.29	*N .7
COUNTY NAME: ST CROIX					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
WILLOW FALLS	*WI00026	*WILLOW	*R	*STATE OF WI	45 1.2	205.0*	42.*	75.*	101.*	1.*E	0.	*E 0.
	NCS0302			*DNR	92 40.4					*N	1.48	*N 5.6
APPLE RIVER FALL S	*WI00027	*APPLE	*HR		45 9.4	575.0*	25.*	83.*	84.*	1.*E	0.	*E 0.
	NCS0303				92 42.6					*N	3.79	*N 16.9

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PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

(07/10/79)

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COUNTY NAME: ST CROIX					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
MOUND PLANT	*WI00028* *NCS0304*	WILLOW	*R *	*STATE OF WI *DNR	* 45 1.7 * * 92 38.9 *	199.0*	41.*	32.*	43.*	1.*E *N	0. *E .64*N	0. 2.3
LITTLE FALLS NUMBER 3	*WI00053* *NCS0305*	WILLOW	*R *	*WI DNR *	* 45 1.0 * * 92 42.4 *	289.0*	60.*	17.*	23.*	2.*E *N	0. *E .45*N	0. 1.8
LOWER POWER	*WI00187* *NCS0306*	WILLOW	*R *	*NORTHERN STA *TES POWER CO	* 44 59.3 * * 92 45.8 *	293.0*	60.*	10.*	14.*	2.*E *N	0. *E .28*N	0. 1.1
COUNTY NAME: TAYLOR					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
BONDEAUX RIVER WP262	*WI00824* *NCS0307*	BONDEAUX	*R *	*USDA FS *	* 45 20.0 * * 90 27.0 *	33.0*	30.*	7.*	10.*	6.*E *N	0. *E .09*N	0. .1
CHEQUAMEGON WATERS 2WP206	*WI00854* *NC30308*	YELLOW	*R *	*TAYLOR COUNT *Y	* 45 12.0 * * 90 42.6 *	134.0*	77.*	9.*	12.*	30.*E *N	0. *E .21*N	0. .3
COUNTY NAME: TREMPEALEAU					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
TREMPEALEAU UNITED STATES NUMBER	*WI00802* *NCS-IF0*	MISSISSIPPI	*N *	*DAEN NCS *	* 44 0. * * 91 26.3 *	60000.0*	25800.*	5.*	7.*	57.*E *N	0. *E 23.53*N	0. 84.7
COUNTY NAME: VERNON					FERC POWER SUPPLY AREA 48			FERC REGIONAL OFFICE CODE				
WEST FORK KICKAPOO 1	*WI00416* *NCS0309*DO	WEST FORK KICKAP	*CR *	*VERNON COUNT *Y SWCD	* 46 28.0 * * 11 0. *	40.0*	1084.*	39.*	39.*	2.*E *N	.04*E 0. *N	.2 0.
GENOA UNITED STATES NUMBER 8	*WI00803* *NCS-IF0*	MISSISSIPPI	*N *	*DAEN NCS *	* 43 34.2 * * 91 13.9 *	64700.0*	29115.*	7.*	11.*	197.*E *N	0. *E 39.86*N	0. 156.0

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POTENTIAL HYDROPOWER SITES

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COUNTY NAME: VILAS					**FERC POWER SUPPLY AREA 13**						**FERC REGIONAL OFFICE CODE**	
BUCKATABON 1909C 361	WI00804 NCS0310	BUCKATABON CREEK	OR	WI VALLEY IMPROVEMENT CO	46 1,2 89 18,7	163,0	151,	6,	8,	14,	E 0, N ,17	E 0, N ,7
COUNTY NAME: WASHBURN					**FERC POWER SUPPLY AREA 16**						**FERC REGIONAL OFFICE CODE CH**	
BIRCH LAKE	WI00065 NCS0311	RED CEDAR	R	WASHBURN COUNTY	45 39,6 91 33,4	61,0	18,	14,	19,	11,	E 0, N ,21	E 0, N ,9
MINONG FLOWAGE	WI00087 NCS0312	TOTAGATIC	RH	WASHBURN COUNTY	46 7,2 91 56,1	325,0	262,	13,	18,	22,	E 0, N ,66	E 0, N 2,9
TOTAGATIC WILDLIFE	WI00217 NCS0313	TOTAGATIC	R	WI DNR	46 7,8 91 33,6	57,0	46,	7,	10,	3,	E 0, N ,10	E 0, N ,4
LONG LAKE	WI00325 NCS0314	BRILL	R	WASHBURN COUNTY	45 40,1 91 40,8	82,0	56,	6,	8,	110,	E 0, N ,12	E 0, N ,5
TREGO WP376	WI00812 NCS0315	NAMEKAGON	HR	NORTHERN STATES POWER CO	45 56,9 91 53,3	503,0	464,	31,	29,	6,	E 1,20 N 1,19	E 7,0 N 3,6
COUNTY NAME: WAUPACA					**FERC POWER SUPPLY AREA 13**						**FERC REGIONAL OFFICE CODE CH**	
GMEINER	WIU0152 NCC0272	WAUPACA			44 20,0 89 3,0	191,0	125,	10,	0,	0,	U 0, T ,24	U 0, T 1,2
FISHER-FALL GATTER	WIU0153 NCC0273	WAUPACA			44 21,0 89 4,0	186,0	122,	12,	0,	0,	U 0, T ,28	U 0, T 1,4
CRYSTAL	WIU0158 NCC0274	WAUPACA			44 19,0 89 7,0	90,0	58,	8,	9,	0,	U 0, T ,09	U 0, T ,4
RURAL	WIU0159 NCC0275	CRYSTAL			44 18,0 89 9,0	85,0	55,	7,	8,	0,	U 0, T ,07	U 0, T ,4

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 WISCONSIN

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: WAUPACA						FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH				
SYMCO	WI00160	LITTLE WOLF			44 30.0	234.0	154.	8.	9.	0.	0. U	0.
	NCC0276				88 54.0						.23 T	1.2
BIG FALLS	WI00161	LITTLE WOLF			44 37.0	170.0	111.	27.	30.	0.	0. U	0.
	NCC0277				89 1.0						.57 T	2.8
CARY	WI00176	CRYSTAL			44 21.0	95.0	62.	9.	11.	0.	0. U	0.
	NCC0278				89 4.0						.11 T	.5
WEYAVWEGA	WI00813	WAUPACA		WI - MI POWER CO	44 19.8	310.0	271.	16.	21.	3.	.40 E	.9
	NCC0279				88 55.8						.20 N	2.1
COUNTY NAME: WAUSHARA						FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH				
SAXVILLE	WI00148	PINE			44 10.0	111.0	72.	12.	0.	0.	0. U	0.
	NCC0280				89 7.0						.17 T	.8
IDLEWILD	WI00149	PINE			44 12.0	77.0	50.	13.	0.	0.	0. U	0.
	NCC0281				89 12.0						.12 T	.6
WILD ROSE	WI00150	HUMPHREY CK	R	VILLAGE OF WILD ROSE	44 10.0	70.0	45.	15.	17.	0.	0. U	0.
	NCC0282				89 15.0						.13 T	.6
CLARKS	WI00151	WALLA WALLA CK			44 14.0	25.0	16.	12.	0.	0.	0. U	0.
	NCC0283				89 1.0						.05 T	.1
COUNTY NAME: WINNEBAGO						FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE CH				
NEENAH	WI00144	FOX	H	BERGSTORM PAPER	44 11.0	6040.0	4045.	8.	7.	1515.	.40 E	1.5
	NCC0222			PER	88 27.0						4.28 N	20.0
NEENAH	WI00647	FOX	H	BERGSTORM PAPER	44 11.0	6040.0	4045.	8.	7.	1515.	.40 E	1.5
	NCC0223			PER	88 27.0						4.28 N	20.0

LEGEND

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(2) = PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
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(3) = U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES

POTENTIAL HYDROPOWER SITES

IN THE STATE OF WISCONSIN

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: **WINNEBAGO**					FERC POWER SUPPLY AREA 1		FERC REGIONAL OFFICE CODE CH					
MENASHA	WI00814	FOX		WHITING PAPE	44 12.0	6040.0	4045.	10.	14.	1515.	E .25	.5
	NCC0224			R CO	88 27.0						N 5.47	27.0
COUNTY NAME: **WOOD**					FERC POWER SUPPLY AREA 13		FERC REGIONAL OFFICE CODE					
FOUR MILE CREEK	WI00032	FOUR MILE CREEK	HR		44 20.5	5502.0	33.	19.	26.	6.	E 2.92	14.0
	NCS0316				89 51.6						N 21.62	50.7
SOUTH WOOD COUNTY PARK	WI00060	FOUR MILE CREEK	R	WOOD COUNTY	44 21.9	69.0	62.	17.	23.	2.	E 0.	E 0.
	NCS0317				89 45.4						N .33	N .4
DEXTERVILLE 2WP1 566	WI00659	YELLOW	R	WOOD COUNTY	44 22.7	195.0	106.	11.	15.	4.	E 0.	E 0.
	NCS0318				90 7.0						N .31	N .5
BIRON WP71	WI00815	WISCONSIN	HCR	CONSOLIDATED	44 26.0	5341.0	4781.	24.	24.	23.	E 3.30	E 16.0
	NCS0319			WTR PWR CO	89 46.7						N 22.68	N 60.1
CENTRALIA 1889C2 9	WI00816	WISCONSIN	HR	NEKOOSA EDWA	44 22.1	5400.0	4834.	16.	15.	2.	E 3.20	E 13.2
	NCS0320			RDS PAPER CO	89 51.3						N 16.85	N 39.7
WISCONSIN RAPIDS 2WP44	WI00617	WISCONSIN	HR	CONSOLIDATED	44 23.8	5391.0	4826.	31.	32.	6.	E 4.68	E 25.0
	NCS0321			WTR PWR CO	89 49.3						N 34.10	N 77.3
NEKOOSA WP348	WI00818	WISCONSIN	HR	NEKOOSA EDWA	44 18.8	5500.0	4924.	22.	22.	4.	E 3.00	E 12.9
	NCS0322			RDS PAPER CO	89 53.6						N 25.08	N 61.2
COUNTY NAME: **CODE 123**					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
LA FARGE	WIU0120	KICKAPOO	H		43 35.0	263.0	739.	10.	10.	91.	E .12	E .1
	NCS5000				90 39.0						N .14	N .9

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)

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

DIVISION STUDY COORDINATORS

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Missouri River
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Pacific Ocean
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South Atlantic
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U.S. Army Engineer Division
South Pacific
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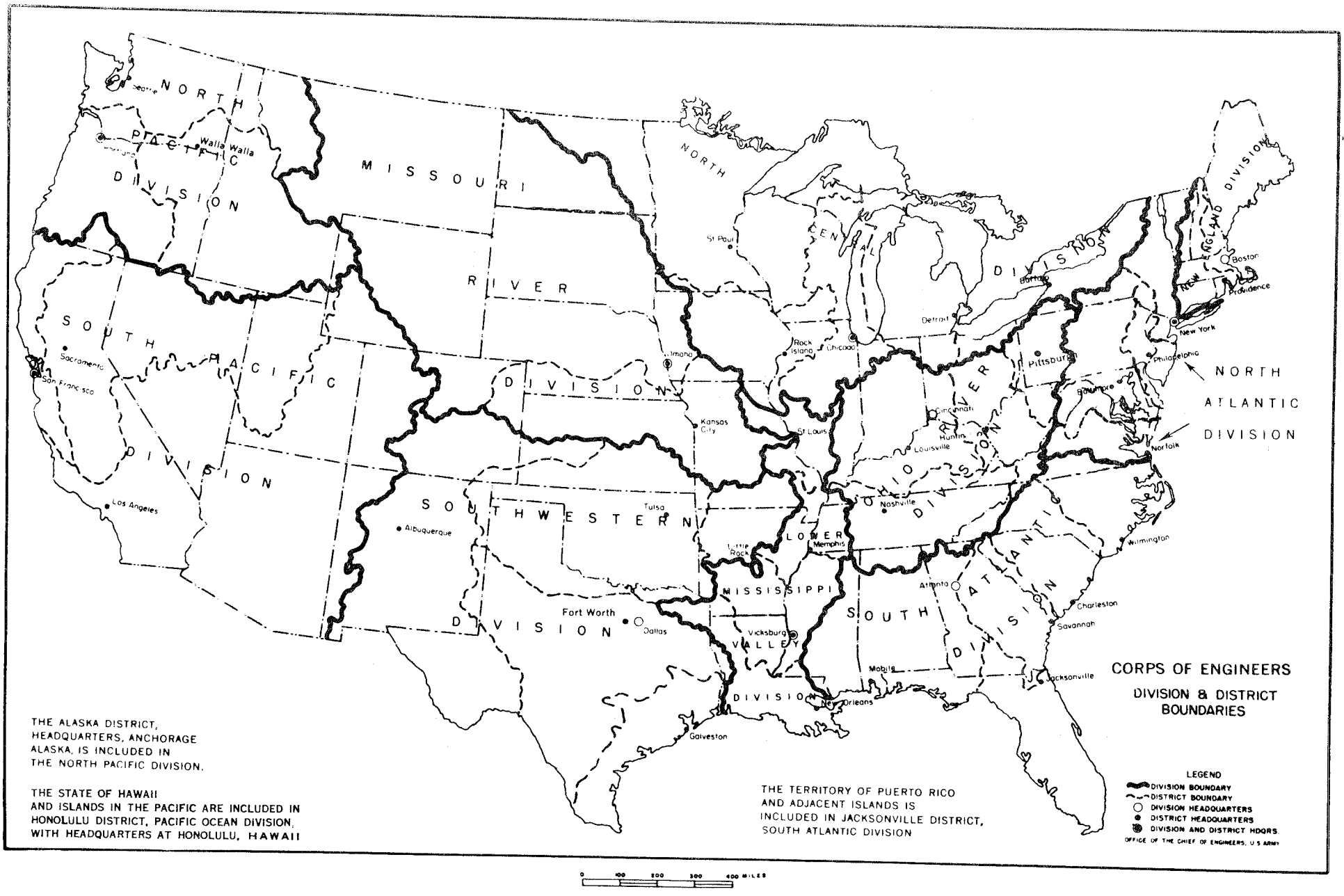
U.S. Army Engineer Division
Southwestern
ATTN: Jerrell Sartor, SWDPL-M
Main Tower Building
1200 Main Street
Dallas, Texas 75202
214-767-2310


NORTH PACIFIC DIVISION
Seattle
Portland
Walla Walla
MISSOURI RIVER DIVISION
NORTH CENTRAL DIVISION
St Paul
Omaha
Rock Island
Chicago
Detroit
Buffalo
NEW ENGLAND DIVISION
Boston
Providence
New York
SOUTH PACIFIC DIVISION
Sacramento
San Francisco
Los Angeles
OHIO RIVER DIVISION
Kansas City
St Louis
Cincinnati
Louisville
Huntington
Pittsburgh
Philadelphia
Baltimore
Norfolk
NORTH ATLANTIC DIVISION
SOUTHWESTERN DIVISION
Albuquerque
Tulsa
Fort Worth
Dallas
Galveston
LOWER MISSISSIPPI VALLEY DIVISION
Little Rock
Memphis
Vicksburg
Mobile
New Orleans
Nashville
SOUTH ATLANTIC DIVISION
Atlanta
Wilmington
Charleston
Savannah
Jacksonville
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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