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Vol. 4

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

MASTER

Volume 4

Lake Central Region

IWR

HEC

JULY 1979

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U.S. ARMY CORPS OF ENGINEERS
NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

VOLUME 4: LAKE CENTRAL REGION

JULY 1979

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Prepared by:

U.S. Army Corps of Engineers
Institute for Water Resources
Kingman Building
Ft. Belvoir, Virginia 22060

and

The Hydrologic Engineering Center
609 Second Street
Davis, California 95616

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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.

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PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

INTRODUCTION

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

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

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

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

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

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

The directive led to the Corps' preliminary 90-day hydropower study which was published in 1977¹. 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

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 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. 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,

²U.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 in fact, 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	26,969	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	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	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	397	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

¹Existing hydroelectric power facilities currently generating power.

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

³Undeveloped 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 undoubtedly 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 aggregate 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 further 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	396	1,052	135	401	1,849	2,429
Cap. (MW)	430	642	3,702	4,774	234	700	4,069	5,003	26,141	31,919	259,709	317,769	26,804	33,262	267,480	327,546
Ener (GWH)	2,441	2,234	16,390	21,065	1,216	1,943	14,738	17,897	130,365	33,999	673,918	838,282	134,022	38,175	705,045	877,242

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

VOL 2: PACIFIC SOUTHWEST

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Arizona																
No. of Sites	4	27	37	68	0	0	0	0	5	3	0	8	9	30	37	76
Cap. (MW)	32	34	13	79	0	0	0	0	1,374	122	0	1,496	1,406	156	13	1,575
Ener (GWH)	105	134	19	258	0	0	0	0	5,959	261	0	6,220	6,064	395	19	6,478
California																
No. of Sites	50	216	185	451	9	12	20	41	61	38	90	189	120	266	295	681
Cap. (MW)	298	365	474	1,137	171	242	337	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	739	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	63	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	556	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
VCL 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	6,037	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	3,586	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	753	3,827	5,475	39,514	17,380	62,369	9,854	44,766	21,004	75,624

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

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Alabama																
No. of Sites	1	52	8	61	0	2	5	7	15	19	8	42	16	73	21	110
Cap. (MW)	2	70	49	121	0	41	108	149	2,269	4,010	424	6,703	2,271	4,121	581	6,973
Ener (GWH)	6	190	137	353	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	2,836	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	1,154	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
Ener (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
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 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	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	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	54	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	132	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	51	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	547	647	6	40	647	693
Ener (GWH)	18	58	0	76	0	56	0	56	0	0	1,321	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

¹Existing hydroelectric power facilities currently generating power.

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

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

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

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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

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

***** POTENTIAL INCREMENTAL CAPACITY RANGES *****																	
***** * H * * E * * A * * D * * I * * N * * F * * E * * V * * T * * * *****		***** * C * * U * * M * * T * * A * * L * * A * * N * * D * * * *****		*****													
		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
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* L E G E N D *

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL

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

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

(07/09/79)

```

*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * * (DH,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ADAMS FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH
*****
IL NNAME 90001 *ILU0001*MCKEE CREEK * * * 39 54.2 * 120.0 * 89.0 * 90.0 * 100.0 * 0.0U 0.0U 0.0
* * * * * 91 0.0 * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
UDPIL90180 *ILU0603*CEDAR CK *H * * * 40 9.4 * 9.0 * 5.0 * 45.0 * 0.0 * 0.0U 0.0U 0.0
* * * * * 90 56.8 * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
COUNTY NAME: BOND FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH
*****
IL NNAME 930024 *ILU0024*EAST FORK SHOAL * * * 38 17.3 * 181.0 * 133.0 * 50.0 * 60.0 * 0.0U 0.0U 0.0
* * * * * 89 28.2 * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
GREENVILLE NEW C *ILU0594*KINGSBURY BRANCH*S * * * 38 54.0 * 35.0 * 24.0 * 35.0 * 42.0 * 12.0E 0.0E 0.0
ITY LAKE *LMS0003 * * * * * 89 24.0 * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
COUNTY NAME: BROWN FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH
*****
IL NNAME 90002 *ILU0002*MCKEE CREEK * * * 39 52.5 * 282.0 * 190.0 * 90.0 * 100.0 * 0.0U 0.0U 0.0
* * * * * 90 47.6 * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
LA GRANGE DAM *ILU0403*ILLINOIS R *N *CORPS OF ENG* 39 55.5 * 25577.0 * 20864.0 * 8.0 * 9.0 * 0.0E 0.0E 0.0
* * * * * 90 32.1 * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
UDPIL90182 *ILU0605*S FK SHELBY CK *H * * * 40 1.9 * 11.0 * 7.0 * 54.0 * 0.0 * 0.0U 0.0U 0.0
* * * * * 90 41.4 * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
UDPIL90183 *ILU0606*WEST CREEK *H * * * 40 1.8 * 16.0 * 10.0 * 54.0 * 0.0 * 0.0U 0.0U 0.0
* * * * * 90 40.1 * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
UDPIL90184 *ILU0607*LITTLE CK *H * * * 39 54.4 * 13.0 * 8.0 * 58.0 * 0.0 * 0.0U 0.0U 0.0
* * * * * 90 35.1 * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
UDPIL90185 *ILU0608*CAMP CK *H * * * 39 26.9 * 7.0 * 4.0 * 47.0 * 0.0 * 0.0U 0.0U 0.0
* * * * * 90 39.5 * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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L E G E N D

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- (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,
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)

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ *   * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: BUREAU                                FERC POWER SUPPLY AREA 40    FERC REGIONAL OFFICE CODE CH
*****
* 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
* ILU0633 * SENAXH WINECK    * 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
*****
* IL00843 * 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
*****
* ILU0611 * MILLER CK       * H *   *   *   * 40 2.6 * 5.0 * 3. * 43. * 0. * 0. *U 0. *U 0.
* NCC0031 *   *   *   *   * 90 3.8 *   *   *   *   *   *   *   *T .05 *T .1
* ILU0612 * COX CK          * H *   *   *   * 40 .4 * 23.0 * 14. * 48. * 0. * 0. *U 0. *U 0.
* NCC0032 *   *   *   *   * 90 6.8 *   *   *   *   *   *   *   *T .16 *T .5
* 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
* 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
* ILU0615 * INDIAN RUN      * H *   *   *   * 40 .1 * 7.0 * 4. * 49. * 0. * 0. *U 0. *U 0.
* NCC0035 *   *   *   *   * 90 14.8 *   *   *   *   *   *   *   *T .09 *T .1
* 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
* 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
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L E G E N D

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

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

(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.	0.	0.
	NCC0038				89 51.6						1.61	2.9
UDPIL90200	ILU0623	TRIB*S FK SANGAM	H		39 36.0	34.0	21.	31.	0.	0.	0.	0.
	NCC0039	0			90 22.0						.20	.2
UDPIL90203	ILU0626	BRUSH CK	H		39 29.3	10.0	6.	24.	0.	0.	0.	0.
	NCC0040				89 19.7						.05	.1
UDPIL90204	ILU0627	BEAR CK	H		39 23.4	33.0	20.	27.	0.	0.	0.	0.
	NCC0041				89 33.4						.19	.2
ILNNAME 650	IL00673	CLEAR CREEK			39 39.0	74.0	44.	42.	50.	35.	0.	0.
	NCC0042				89 28.8						.50	.9
ILNNAME 656	IL00678	S. FORK SANGAMON			39 31.8	125.0	74.	20.	0.	0.	0.	0.
	NCC0043	= OFFSTREAM			89 15.6						.32	.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.	0.	0.
	ORL0001	IV			87 55.5						1.49	2.1
COUNTY NAME: CLAY												
					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				
WILCOX BRIDGE	ILU0346	LIT KAWASH RIV			38 38.5	1130.0	904.	21.	28.	430.	0.	0.
	ORL0002				88 17.8						3.98	7.8
BIG MUDDY NO. 1	ILU0351	BIG MUDDY CK			38 47.5	140.0	112.	19.	26.	46.	0.	0.
	ORL0003				88 20.4						.65	.8
SOUTH MUDDY	ILU0353	WEATHER AND MUDDY			38 45.9	105.0	84.	31.	42.	78.	0.	0.
	ORL0004	Y CR.			88 18.5						.93	1.1

L E G E N D

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 (2) O=DEBRIS CONTROL, P=FARM POND, D=OTHER
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P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I L L I N O I S

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ*  *LATITUDE * DRAINAGE* ANNUAL *POWER * OF * STORAGE* CAPACITY* ENERGY
PROJECT NAME * NUMBER* CR RIVER * PURP*  *LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CLAY FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH
*****
LOUISVILLE LAKE *ILU0354*LIT WABASH RIV * * * 33 47.8 * 3320.0* 2660.* 43.* 58.* 231.*U 0.*U 0.
*QRL0005* * * * 89 33.3 * * * * * * * *T 49.87*T 61.9
*****
COUNTY NAME: CLINTON FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH
*****
IL NQNAME 90032 *ILU0032*SHOAL CREEK * * * 39 13.1 * 740.0* 517.* 20.* 30.* 0.*U 0.*U 0.
*LMS0005* * * * 89 30.0 * * * * * * * *T 2.74*T 4.9
*****
CARLYLE DAM *IL00113*KASKASKIA RIVER * * * 38 36.0 * 2680.0* 2027.* 52.* 62.* 0.*E 0.*E 0.
*LMS0006* * * * 89 24.0 * * * * * * * *N 34.87*N 69.8
*****
COUNTY NAME: CUMBERLAND FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH
*****
LINCOLN LAKE *ILU0355*EMBARRAS RIV * * * 39 22.4 * 915.0* 732.* 51.* 69.* 538.*U 0.*U 0.
*QRL0006* * * * 88 10.9 * * * * * * * *T 3.88*T 15.7
*****
COUNTY NAME: DEKALB FERC POWER SUPPLY AREA 14 FERC REGIONAL OFFICE CODE CH
*****
UDPIL90212 *ILU0634*INDIAN CK *H * * 41 51.0 * 19.0* 11.* 42.* 0.* 0.*U 0.*U 0.
*NCC0044* * * * 88 42.6 * * * * * * * *T .13*T .5
*****
COUNTY NAME: DEWITT FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH
*****
KENNEY *ILU0418*SALT CREEK * * * 40 5.3 * 340.0* 216.* 50.* 57.* 429.*U 0.*U 0.
*NCC0045* * * * 88 58.5 * * * * * * * *T 3.11*T 8.0
*****
WAYNESVILLE *ILU0419*KICKAPOO CK * * * 40 13.1 * 220.0* 139.* 43.* 48.* 212.*U 0.*U 0.
*NCC0046* * * * 89 5.4 * * * * * * * *T 1.92*T 3.6
*****
UDPIL90205 *ILU0628*LONG POINT CK *H * * 40 15.0 * 41.0* 26.* 36.* 0.* 0.*U 0.*U 0.
*NCC0047* * * * 89 2.4 * * * * * * * *T .30*T .6
*****
L E G E N D

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

(07/09/79)

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*****
PROJECT NAME  * IDENT * NAME OF STREAM * PROJ *   *   * AVERAGE * NET * HEIGHT * MAXIMUM *
              * NUMBER * OR RIVER      * PURP *   *   * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
              * (1)   *                * (2)   *   *   * INFLD * HEAD * DAM * (1000 * (MW) * (GWH)
              *                *                * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: DEWITT                FERC POWER SUPPLY AREA 40    FERC REGIONAL OFFICE CODE CH
*****
UDPIL90207    *ILU0630*N FK SALT CK  *H   *   *   * 40 10.1 * 118.0* 74.* 50.* 0.* 0.*U 0.*U 0.
              *NCC0048*                *   *   *   * 88 50.5 *   *   *   *   *   *   *   *   *   *
              *   *   *                *   *   *   *   *   *   *   *   *   *   *   *   *
UDPIL90208    *ILU0631*TRIB-SALT CK *H   *   *   * 40 8.4  * 5.0* 3.* 32.* 0.* 0.*U 0.*U 0.
              *NCC0049*                *   *   *   * 88 49.0 *   *   *   *   *   *   *   *   *   *
              *   *   *                *   *   *   *   *   *   *   *   *   *   *   *   *
UDPIL90210    *ILU0632*COON CK    *H   *   *   * 40 6.0  * 17.0* 10.* 28.* 0.* 0.*U 0.*U 0.
              *NCC0050*                *   *   *   * 89 0.*   *   *   *   *   *   *   *   *   *   *
              *   *   *                *   *   *   *   *   *   *   *   *   *   *   *   *
UDPIL90209    *ILU0683*TENMILE CK  *H   *   *   * 40 6.6  * 46.0* 29.* 46.* 0.* 0.*U 0.*U 0.
              *NCC0051*                *   *   *   * 80 3.6  *   *   *   *   *   *   *   *   *   *
              *   *   *                *   *   *   *   *   *   *   *   *   *   *   *   *
UDPIL90209    *ILU1003*TENMILE CK  *H   *   *   * 40 6.6  * 46.0* 29.* 46.* 0.* 0.*U 0.*U 0.
              *NCC0052*                *   *   *   * 89 3.4  *   *   *   *   *   *   *   *   *   *
              *   *   *                *   *   *   *   *   *   *   *   *   *   *   *   *
*****
COUNTY NAME: DUPAGE                FERC POWER SUPPLY AREA 14    FERC REGIONAL OFFICE CODE CH
*****
UDPIL90213    *ILU0635*W BR DU PAGE *H   *   *   * 41 57.0 * 19.0* 12.* 27.* 0.* 0.*U 0.*U 0.
              *NCC0053*                *   *   *   * 88 12.7 *   *   *   *   *   *   *   *   *   *
              *   *   *                *   *   *   *   *   *   *   *   *   *   *   *   *
UDPIL90214    *ILU0636*SPRING BROOK *H   *   *   * 41 42.6 * 9.0* 6.* 23.* 0.* 0.*U 0.*U 0.
              *NCC0054*                *   *   *   * 88 11.4 *   *   *   *   *   *   *   *   *   *
              *   *   *                *   *   *   *   *   *   *   *   *   *   *   *   *
*****
COUNTY NAME: EFFINGHAM            FERC POWER SUPPLY AREA 43    FERC REGIONAL OFFICE CODE CH
*****
EFFINGHAM     *ILU0345*LIT WABASH RIV *   *   *   * 39 9.0  * 218.0* 174.* 22.* 55.* 135.*U 0.*U 0.
              *ORL0007*                *   *   *   * 88 34.6 *   *   *   *   *   *   *   *   *   *
              *   *   *                *   *   *   *   *   *   *   *   *   *   *   *   *
LAKE SARA     *IL00607*BLUE POINT CREEK *S   *   *   * 39 7.5  * 9.0* 8.* 43.* 55.* 15.*E 0.*E 0.
              *ORL0008*                *   *   *   * 88 37.0 *   *   *   *   *   *   *   *   *   *
              *   *   *                *   *   *   *   *   *   *   *   *   *   *   *   *
*****
LEGEND

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

(07/09/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
*  IDENT * NAME OF STREAM * PROJ *      *      *      *      *      *      *      *      *      *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * NET * HEIGHT * MAXIMUM *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: FAYETTE FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH
*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
VANDALIA CITY LA*IL00623*BEAR CREEK *S *      *      *      *      *      *      *      *      *      *
KE *LMS0007* *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: FRANKLIN FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH
*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
REND LAKE DAM *IL00117*BIG MUDDY RIVER *CRSO *      *      *      *      *      *      *      *      *      *
*LMS0008* *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: FULTON FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH
*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
UDPIL90002 *ILU0425*COAL CK *H *      *      *      *      *      *      *      *      *      *
*NCC0055* *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
UDPIL90004 *ILU0427*TRIB-SHAW CK *H *      *      *      *      *      *      *      *      *      *
*NCC0056* *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
UDPIL90006 *ILU0429*MIDDLE BR *H *      *      *      *      *      *      *      *      *      *
*NCC0057* *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
UDPIL90008 *ILU0431*PUT CK *H *      *      *      *      *      *      *      *      *      *
*NCC0058* *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
UDPIL90009 *ILU0432*SHAW CK *H *      *      *      *      *      *      *      *      *      *
*NCC0059* *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
UDPIL90011 *ILU0434*BARKER CK *H *      *      *      *      *      *      *      *      *      *
*NCC0060* *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
UDPIL90012 *ILU0435*MUDDY CK *H *      *      *      *      *      *      *      *      *      *
*NCC0061* *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
UDPIL90013 *ILU0436*SLUG RUN *H *      *      *      *      *      *      *      *      *      *
*NCC0062* *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I L L I N O I S

(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 *						* .16 * T	* .9
UDPIL90016	* ILU0439*	FRANCIS CK	* H *	*	* 40 23.4 *	* 11.0 *	* 7. *	* 56. *	* 0. *	* 0. *	* 0. *	* 0. *
	* NCC0064 *		* *	*	* 90 19.8 *						* .09 * T	* .3
UDPIL90017	* ILU0440*	SUGAR CK	* H *	*	* 40 19.8 *	* 11.0 *	* 7. *	* 41. *	* 0. *	* 0. *	* 0. *	* 0. *
	* NCC0065 *		* *	*	* 90 26.2 *						* .07 * T	* .2
UDPIL90018	* ILU0441*	OTTER CK	* H *	*	* 40 18.0 *	* 7.0 *	* 4. *	* 39. *	* 0. *	* 0. *	* 0. *	* 0. *
	* NCC0066 *		* *	*	* 90 23.4 *						* .07 * T	* .1
UDPIL90020	* ILU0443*	EAST CK	* H *	*	* 40 19.8 *	* 7.0 *	* 4. *	* 36. *	* 0. *	* 0. *	* 0. *	* 0. *
	* NCC0067 *		* *	*	* 90 9.0 *						* .06 * T	* .1
UDPIL90021	* ILU0444*	WILSON CK	* H *	*	* 40 11.8 *	* 12.0 *	* 7. *	* 51. *	* 0. *	* 0. *	* 0. *	* 0. *
	* NCC0068 *		* *	*	* 90 16.8 *						* .09 * T	* .3
UDPIL90001	* ILU0682*	SWEGLER CK	* H *	*	* 40 40.2 *	* 16.0 *	* 9. *	* 26. *	* 0. *	* 0. *	* 0. *	* 0. *
	* NCC0069 *		* *	*	* 90 15.6 *						* .07 * T	* .1
UDPIL90001	* ILU1000*	SWEGLER CK	* H *	*	* 40 40.2 *	* 16.0 *	* 9. *	* 26. *	* 0. *	* 0. *	* 0. *	* 0. *
	* NCC0070 *		* *	*	* 90 15.6 *						* .07 * T	* .1
ILNNAME 179	* IL00216*	W. BRANCH COPPER	* *	*	* 40 33.6 *	* 14.4 *	* 9. *	* 39. *	* 53. *	* 4. *	* 0. *	* 0. *
	* NCC0071 *	AS	* *	*	* 89 58.2 *						* .12 * N	* .2
COUNTY NAME: GALLATIN					FERC POWER SUPPLY AREA 40		FERC REGIONAL OFFICE CODE CH					
EAGLE SLURRY PON	* ILO0043*	TR- OHIO RIVER	* D *	*	* 37 40.3 *	* 3.0 *	* 2. *	* 51. *	* 60. *	* 0. *	* 0. *	* 0. *
D	* DRL0009 *		* *	*	* 88 13.1 *						* .06 * N	* .1

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

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * * (1) *	* NAME OF STREAM * * OR RIVER *	* PROJ * * PUMP * * (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: GREENE					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				

IL NQNAME 90014	* ILU0014 *	* APPLE CREEK *	* * *		* 35 26.0 *	* 248.0 *	* 145. *	* 70. *	* 80. *	* 0. *U	* 0. *U	* 0. *
	* LMS0009 *		* * *		* 9C 17.4 *					* T	* 2.27 *T	* 4.1 *
IL NQNAME 90049	* ILU0049 *	* APPLE CREEK *	* * *		* 39 21.6 *	* 397.0 *	* 242. *	* 130. *	* 140. *	* 0. *U	* 0. *U	* 0. *
	* LMS0010 *		* * *		* 90 32.3 *					* T	* 6.64 *T	* 11.9 *
IL NQNAME 90051	* ILU0051 *	* MACOUPIN CREEK *	* * *		* 39 11.1 *	* 935.0 *	* 569. *	* 70. *	* 90. *	* 0. *U	* 0. *U	* 0. *
	* LMS0011 *		* * *		* 90 33.1 *					* T	* 6.20 *T	* 13.3 *
IL NQNAME 90052	* ILU0052 *	* MACOUPIN CREEK *	* * *		* 39 15.6 *	* 649.0 *	* 442. *	* 40. *	* 50. *	* 0. *U	* 0. *U	* 0. *
	* LMS0012 *		* * *		* 90 24.0 *					* T	* 2.55 *T	* 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. *U	* 0. *U	* 0. *
	* NCC0072 *		* * *		* 88 28.8 *					* T	* .11 *T	* .2 *
UDPIL90216	* ILU0638 *	* LONG POINT CK *	* H * *		* 41 8.8 *	* 9.0 *	* 5. *	* 45. *	* 0. *	* 0. *U	* 0. *U	* 0. *
	* NCC0073 *		* * *		* 88 34.0 *					* T	* .09 *T	* .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. *U	* 0. *U	* 0. *
	* NCC0007 *		* * *		* 90 37.6 *					* T	* .17 *T	* .3 *
UDPIL90023	* ILU0446 *	* S BR CROOKED CK *	* H * *		* 40 34.8 *	* 14.0 *	* 9. *	* 43. *	* 0. *	* 0. *U	* 0. *U	* 0. *
	* NCC0008 *		* * *		* 90 57.9 *					* T	* .12 *T	* .1 *
UDPIL90024	* ILU0447 *	* SPRING CK *	* H * *		* 40 34.8 *	* 16.0 *	* 10. *	* 40. *	* 0. *	* 0. *U	* 0. *U	* 0. *
	* NCC0009 *		* * *		* 91 3.0 *					* T	* .13 *T	* .2 *
UDPIL90025	* ILU0448 *	* CEDAR CK *	* H * *		* 40 25.8 *	* 15.0 *	* 9. *	* 43. *	* 0. *	* 0. *U	* 0. *U	* 0. *
	* NCC0010 *		* * *		* 90 55.8 *					* T	* .13 *T	* .2 *

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

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * * (1) *	* NAME OF STREAM * * OR RIVER *	* PROJ * * PURP *	* OWNER *	* LATITUDE * * LONGITUDE * * (DM,M) *	* DRAINAGE * * AREA * * (SQ MI) *	* AVERAGE * * ANNUAL * * (CFS) *	* NET * * POWER * * (FT) *	* HEIGHT * * OF * * (FT) *	* MAXIMUM * * STORAGE * * (1000 * * (MW) * * (3) *	* ENERGY * * CAPACITY * * (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 MCINE	*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*	POCKY RUN CREEK	*CD*	*HUNT=LIMA LK*	40 16.1 *	7.0*	4.*	45.*	61.*	4.*E	0.*E 0.
	NCR0002		*	* DRNGE DIST *	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-IROQUEIS	*H*	*	* 40 49.2 *	10.0*	6.*	25.*	0.*	0.*U	0.*U 0.
	NCC0075		*	*	* 87 30.6 *					*T	.07*T .1

L E G E N D											

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

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (OH.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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. *U 0.
*NCC0076 * * * * * 87 38.4 * * * * * *T .07 *T .1
UDPIL90038 *ILU0461*JEFFERSON CK *H * * * 40 42.0 * 21.0 * 13. * 18. * 0. * 0. *U 0. *U 0.
*NCC0077 * * * * * 87 43.8 * * * * * *T .11 *T .2
UDPIL90039 *ILU0462*SPRING CK *H * * * 40 31.8 * 12.0 * 7. * 19. * 0. * 0. *U 0. *U 0.
*NCC0078 * * * * * 88 5.4 * * * * * *T .06 *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. *E 0.
*LMS0013 * * * * * 89 30.0 * * * * * *N 1.48 *N 1.9
CEDAR LAKE *IL00095*CEDAR CREEK *C * * * 37 36.0 * 35.0 * 40. * 73. * 80. * 80. *E 0. *E 0.
*LMS0014 * * * * * 89 6.0 * * * * * *N .95 *N 1.2
*****
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. *E 0.
TION LAKE *DRL0010 * * * * * 88 18.2 * * * * * *N .34 *N .4
*****
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. *U 0.
*DRL0011 * * * * * 88 48.0 * * * * * *T .33 *T .3
*****
COUNTY NAME: JERSEY FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH
*****
IL N0NAME 90020 *ILU0020*PIASA CREEK * * * * * 38 56.6 * 120.0 * 70. * 130. * 150. * 0. *U 0. *U 0.
*LMS0015 * * * * * 90 18.0 * * * * * *T 2.37 *T 3.9
*****
L E G E N D

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: JODAVIESS
*****
IL NO NAME 94 *IL00132*HELLS BRANCH *R *PRIVATE * 42 25.0 * 15.0 * 9. * 50. * 70. * 11. *E 0. *E 0.
*NCR0003* * 90 9.8 * * * * * *N .13*N .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 .14*T .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 6.60 *E 31.0
*NCC0080* * 88 55.0 * * * * * *N 11.77*N 17.3
*****
UDPIL90040 *ILU0463*PIKE CK *H * * 41 11.4 * 23.0 * 14. * 26. * 0. * 0. *U 0. *U 0.
*NCC0081* * 87 36.6 * * * * * *T .17*T .3
*****
UDPIL90041 *ILU0464*TRIB-KANKAKEE *H * * 41 17.4 * 11.0 * 6. * 20. * 0. * 0. *U 0. *U 0.
*NCC0082* * 87 31.8 * * * * * *T .06*T .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 .37*T .6
*****
COUNTY NAME: KNOX FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH
*****
LONDON MILLS *ILU0422*SPOON RIVER * * * 40 41.6 * 1046.0 * 574. * 35. * 62. * 710. *U 0. *U 0.
*NCC0084* * 90 16.4 * * * * * *T 2.41*T 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 .16*T .3
*****
L E G E N D

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

(07/09/79)

PROJECT NAME	* IDENT * NUMBER	* NAME OF STREAM * OR RIVER	* PROJ * PURP	* OWNER	* LATITUDE * LONGITUDE	* DRAINAGE * AREA	* AVERAGE * ANNUAL * INFLOW	* NET * POWER * HEAD	* HEIGHT * OF * DAM	* MAXIMUM * STORAGE * (1000	* CAPACITY * (MW)	* ENERGY * (GWH)
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	AC FT)	(3)	(3)

COUNTY NAME: KNOX												

UDPIL90045	* ILU0468 *	* TRIB=WALNUT CK *	* H *		* 41 3.0 *	* 11.0 *	* 7. *	* 36. *	* 0. *	* 0. *U	* 0. *U	* 0. *
	* NCC0086 *				* 90 3.6 *					* T	* .08 *T	* .2 *
UDPIL90046	* ILU0469 *	* SNAKEDEN HOLLOW *	* H *		* 40 56.4 *	* 10.0 *	* 6. *	* 54. *	* 0. *	* 0. *U	* 0. *U	* 0. *
	* NCC0087 *				* 90 4.2 *					* T	* .14 *T	* .2 *
UDPIL90049	* ILU0472 *	* HAW CK *	* H *		* 40 51.0 *	* 19.0 *	* 11. *	* 43. *	* 0. *	* 0. *U	* 0. *U	* 0. *
	* NCC0088 *				* 90 16.2 *					* T	* .17 *T	* .3 *
UDPIL90052	* ILU0475 *	* INDIAN CK *	* H *		* 40 43.5 *	* 14.0 *	* 9. *	* 40. *	* 0. *	* 0. *U	* 0. *U	* 0. *
	* NCC0089 *				* 90 26.4 *					* T	* .12 *T	* .2 *
UDPIL90053	* ILU0476 *	* LITTLERS CK *	* H *		* 40 43.8 *	* 22.0 *	* 14. *	* 48. *	* 0. *	* 0. *U	* 0. *U	* 0. *
	* NCC0090 *				* 90 9.0 *					* T	* .22 *T	* .4 *
ILNNAME 405	* IL00422 *	* SUGAR CREEK *			* 40 57.0 *	* 17.4 *	* 11. *	* 49. *	* 61. *	* 15. *E	* 0. *E	* 0. *
	* NCC0091 *				* 90 7.8 *					* N	* .17 *N	* .3 *

COUNTY NAME: LAKE												

UDPIL90223	* ILU0645 *	* INDIAN CK *	* H *		* 42 12.2 *	* 19.0 *	* 11. *	* 25. *	* 0. *	* 0. *U	* 0. *U	* 0. *
	* NCC0092 *				* 87 54.0 *					* T	* .08 *T	* .3 *
UDPIL90224	* ILU0646 *	* BUFFALO CK *	* H *		* 42 10.1 *	* 7.0 *	* 4. *	* 29. *	* 0. *	* 0. *U	* 0. *U	* 0. *
	* NCC0093 *				* 88 2.3 *					* T	* .05 *T	* .1 *

COUNTY NAME: LABALLE												

WEDRON	* ILU0408 *	* FOX *	* H *		* 41 27.0 *	* 2550.0 *	* 1665. *	* 61. *	* 58. *	* 0. *E	* 8.00 *E	* 48.0 *
	* NCC0094 *				* 88 45.5 *					* N	* 17.79 *N	* 19.1 *
MARSEILLES	* ILU0409 *	* ILLINOIS *	* H *	* ILLINOIS POW *	* 41 18.0 *	* 7640.0 *	* 5065. *	* 14. *	* 16. *	* 0. *E	* 2.02 *E	* 16.0 *
	* NCC0095 *			* ER CO	* 88 43.0 *					* N	* 24.21 *N	* 83.2 *

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * JR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LABALLE 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 * * * * * * * * * * .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 * * * * * * * * * * .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 * * * * * * * * * * 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 * * * * * * * * * * .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 * * * * * * * * * * .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 * * * * * * * * * * .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 * * * * * * * * * * .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 * * * * * * * * * * .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 * * * * * * * * * * .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 * * * * * * * * * * 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 * * * * * * * * * * 26.02 * N 87.9
DAYTON DAM * IL00008 * FOX RIVER * * * N, COUNTIES * 41 24.6 * 2570.0 * 1611. * 28. * 38. * 1. * E 3.68 * E 15.0
* NCC0107 * * * 88 48.0 * * * * * * * * * * 1.52 * N 9.0
*****

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

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * ANNUAL * NET * HEIGHT * MAXIMUM *          *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * OF * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LASALLE                FERC POWER SUPPLY AREA 4    FERC REGIONAL OFFICE CODE CH
*****
ILNONAME 437    *IL00458* SOMONAUK CREEK    *      *      * 40 36.6 * 64.6 * 39. * 28. * 36. * 4. *E 0. *E 0.
                *NCC0108*                *      *      * 88 40.8 *      *      *      *      *      *      *      *      *
*****
COUNTY NAME: LAWRENCE
*****
DIXON          *IL00108* ROCK RIVER    *H *COMMONWEALTH* 41 50.8 * 8700.0 * 5079. * 9. * 15. * 6. *E 32.00 *E 14.7
                *NCR0004*                *      *      * 89 28.8 *      *      *      *      *      *      *      *      *
*****
COUNTY NAME: LIVINGSTON            FERC POWER SUPPLY AREA 14    FERC REGIONAL OFFICE CODE CH
*****
UDPIL90054     *ILU0477* MUD CREEK    *H *      *      * 41 .6 * 33.0 * 20. * 28. * 0. * 0. *U 0. *U 0.
                *NCC0109*                *      *      * 88 47.4 *      *      *      *      *      *      *      *      *
*****
UDPIL90055     *ILU0478* MUD CREEK    *H *      *      * 40 59.3 * 22.0 * 13. * 21. * 0. * 0. *U 0. *U 0.
                *NCC0110*                *      *      * 88 41.8 *      *      *      *      *      *      *      *      *
*****
UDPIL90056     *ILU0479* S FK VERMILION *H *      *      * 40 40.2 * 12.0 * 7. * 23. * 0. * 0. *U 0. *U 0.
                *NCC0111*                *      *      * 88 17.7 *      *      *      *      *      *      *      *      *
*****
COUNTY NAME: MACON                FERC POWER SUPPLY AREA 40    FERC REGIONAL OFFICE CODE CH
*****
OAKLEY         *ILU0415* SANAGAMON    *      *      * 39 52.4 * 810.0 * 520. * 31. * 42. * 122. *U 0. *U 0.
                *NCC0126*                *      *      * 88 51.6 *      *      *      *      *      *      *      *      *
*****
UDPIL90059     *ILU0482* NORTH FORK    *H *      *      * 40 .6 * 18.0 * 11. * 24. * 0. * 0. *U 0. *U 0.
                *NCC0127*                *      *      * 89 1.8 *      *      *      *      *      *      *      *      *
*****
UDPIL90060     *ILU0483* FRIENDS CK    *H *      *      * 41 0. * 61.0 * 37. * 22. * 0. * 0. *U 0. *U 0.
                *NCC0128*                *      *      * 82 48.0 *      *      *      *      *      *      *      *      *
*****
UDPIL90061     *ILU0484* SAND CREEK    *H *      *      * 39 42.0 * 14.0 * 8. * 44. * 0. * 0. *U 0. *U 0.
                *NCC0129*                *      *      * 86 56.4 *      *      *      *      *      *      *      *      *
*****
L E G E N D

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(07/09/79)

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * FNOJ * * * * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * * * * (DM,M) * AREA * INFLW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * * (3) * (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. * 45. * 57. * 0. *U 0. *U 0.
*NCC0133 * * * * * 89 18.2 * * * * * * * * * *T .79 *T 1.2
* * * * *
UDPIL90064 * ILU0487 * TRIB-CROW CK * H * * * * 41 4.2 * 8.0 * 5. * 43. * 0. * 0. *U 0.
*NCC0134 * * * * * 89 26.4 * * * * * * * * * *T .07 *T .1
* * * * *
UDPIL90065 * ILU0488 * SENACHWINE CK * H * * * * 41 .6 * 40.0 * 24. * 38. * 0. * 0. *U 0.
*NCC0135 * * * * * 89 31.2 * * * * * * * * * *T .32 *T .6
* * * * *
UDPIL90066 * ILU0489 * LITTLE SENACHWIN * H * * * * 40 58.5 * 5.0 * 3. * 42. * 0. * 0. *U 0.
*NCC0136 * E * * * * * 89 33.6 * * * * * * * * * *T .05 *T .1
* * * * *
UDPIL90067 * ILU0490 * SHAW CK * H * * * * 41 3.6 * 12.0 * 7. * 69. * 0. * 0. *U 0.
*NCC0137 * * * * * 89 16.2 * * * * * * * * * *T .18 *T .3
* * * * *
UDPIL90068 * ILU0491 * TRIB-SANDY CK * H * * * * 41 3.6 * 7.0 * 7. * 39. * 0. * 0. *U 0.
*NCC0138 * * * * * 89 12.6 * * * * * * * * * *T .06 *T .1
* * * * *
UDPIL90069 * ILU0492 * JUDD CK * H * * * * 41 3.5 * 14.0 * 9. * 39. * 0. * 0. *U 0.
*NCC0139 * * * * * 89 8.4 * * * * * * * * * *T .12 *T .2
* * * * *
UDPIL90071 * ILU0494 * PIGEON CK * H * * * * 40 56.4 * 7.0 * 4. * 58. * 0. * 0. *U 0.
*NCC0140 * * * * * 89 22.8 * * * * * * * * * *T .09 *T .2
* * * * *
ILNDNAME 96 * ILU0134 * SHAN CREEK * * * * * 41 4.8 * 12.4 * 10. * 68. * 84. * 7. *E 0. *E 0.
*NCC0141 * * * * * 89 17.4 * * * * * * * * * *N .17 *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. *U 0. *U 0.
*NCC0112 * * * * * 90 51.1 * * * * * * * * * *T 2.60 *T 4.9
* * * * *
UDPIL90073 * ILU0496 * E FK LA MOINE * H * * * * 40 34.8 * 15.0 * 9. * 35. * 0. * 0. *U 0.
*NCC0113 * * * * * 90 34.8 * * * * * * * * * *T .08 *T .2
* * * * *
*****

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L E G E N D

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET *HEIGHT* MAXIMUM*
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER *LONGITUDE* AREA * ANNUAL *POWER * OF * STORAGE* CAPACITY* ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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
* * * * *
ILNDNAME 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
* * * * *
ILNDNAME 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* 25.* 58.* 0.* 0.*U 0.*U 0.
*NCC0123* * * * 89 2.1 * * * * *T .52*T .8
* * * * *
*****
L E G E N D

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * ENERGY
* (1) * * (2) * * * * * (DM.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: MCLEAN                FERC POWER SUPPLY AREA 40    FERC REGIONAL OFFICE CODE CH
*****
* 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
* 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
*****
* ILU0510 * CLARY CK           * H *          * 39 55.2 * 39.0 * 24. * 51. * 0. * 0. * U 0. * U 0.
* NCC0142 *                   * *          * 89 10.2 * * * * * * * * T .50 * T .8
* ILU0512 * TAN CREEK          * H *          * 40 5.4 * 5.0 * 3. * 40. * 0. * 0. * U 0. * U 0.
* NCC0143 *                   * *          * 89 53.4 * * * * * * * * T .05 * T .1
* 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
* 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
*****
* IL00135 * TR=MCDAVID BRANC * O *          * 39 0. * 90.0 * 61. * 50. * 60. * 28. * E 0. * E 0.
POWER SERVICE L * LMS0020 * H *          * 89 24.0 * * * * * * * * N .95 * N 1.1
* 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
*****
* ILU0006 * INDIAN CREEK       * *          * 39 51.4 * 150.0 * 88. * 70. * 80. * 0. * U 0. * U 0.
* LMS0022 *                   * *          * 90 22.0 * * * * * * * * T 1.79 * T 2.7
*****
L E G E N D

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

(07/09/79)

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*****
* IDENTITY * NAME OF STREAM * PROJ *
* NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
* (1) * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * * CAPACITY * ENERGY
* * * * * * * * * * * (CM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * * (3) * (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 *SH * * * 39 42.0 * 17.0* 12.* 42.* 49.* 7.*E 0.*E 0.
E *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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(07/09/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ PURP	OWNER	*LATITUDE *LONGITUDE	*DRAINAGE AREA	*AVERAGE ANNUAL INFLUW	*NET POWER OF	*HEIGHT DAM	*MAXIMUM STORAGE	*CAPACITY (1000 (MW)	*ENERGY (3) (GWH)
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	AC FT)	(3)	(3)

COUNTY NAME: PEORIA FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH												

UDPIL90103	*ILU0526* *NCC0149*	SENACHWINE	*H	*	* 40 55.8 * * 69 31.2 *	43.0*	26.*	70.*	0.*	0.*U *T	0.*U .64*T	0.* 1.2
UDPIL90104	*ILU0527* *NCC0150*	JUBILEE CK	*H	*	* 40 51.6 * * 69 48.6 *	7.0*	4.*	63.*	0.*	0.*U *T	0.*U .09*T	0.* .2
UDPIL90106	*ILU0529* *NCC0151*	JOHNSON RUN	*H	*	* 40 43.2 * * 69 45.0 *	12.0*	7.*	38.*	0.*	0.*U *T	0.*U .10*T	0.* .2
UDPIL90107	*ILU0530* *NCC0152*	NIXON RUN	*H	*	* 40 44.4 * * 69 49.2 *	9.0*	5.*	39.*	0.*	0.*U *T	0.*U .08*T	0.* .1
UDPIL90109	*ILU0532* *NCC0153*	TRIB=N FK KICKAP	*H	*	* 40 42.6 * * 89 53.8 *	5.0*	3.*	43.*	0.*	0.*U *T	0.*U .05*T	0.* .1
UDPIL90110	*ILU0533* *NCC0154*	E BR COPPERAS	*H	*	* 40 36.6 * * 89 51.0 *	12.0*	7.*	55.*	0.*	0.*U *T	0.*U .17*T	0.* .2
UDPIL90111	*ILU0534* *NCC0155*	W BR LAMARSH CK	*H	*	* 40 35.9 * * 89 43.8 *	16.0*	9.*	29.*	0.*	0.*U *T	0.*U .10*T	0.* .2
UDPIL90112	*ILU0535* *NCC0156*	LITTLE LAMARSH	*H	*	* 40 33.6 * * 89 45.6 *	4.0*	2.*	54.*	0.*	0.*U *T	0.*U .06*T	0.* .1
UDPIL90113	*ILU0536* *NCC0157*	E BR COPPERAS CK	*H	*	* 41 4.2 * * 39 53.3 *	61.0*	38.*	77.*	0.*	0.*U *T	0.*U 1.00*T	0.* 1.9
UDPIL90250	*ILU0670* *NCC0158*	JUBILEE CK	*H	*	* 40 47.7 * * 39 46.8 *	34.0*	21.*	58.*	0.*	0.*U *T	0.*U .50*T	0.* .7
PEORIA DAM	*IL00938* *NCC0159*	ILLINDIS R.	*	*DAEN NCC	* 40 37.8 * * 39 37.8 *	14455.0*	13300.*	9.*	0.*	0.*E *N	0.*E 19.28*N	0.* 81.3

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

(07/09/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME  * IDENT * NAME OF STREAM * PROJ *      *      *      *      *      *      *      *      *      *
* NUMBER * OR RIVER * PURP * OWNER *      *      *      *      *      *      *      *      *      *
* (1) *      * (2) *      *      *      *      *      *      *      *      *      *      *      *
*****
COUNTY NAME: PIATT
*****
UDPIL90115    *ILU0538*WILDCAT CK *H *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
UDPIL90116    *ILU0539*GOOSE CK *H *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: PIKE
*****
IL NO NAME 90003 *ILU0003*MCKEE CREEK *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
IL NO NAME 717 *IL00741*BLUE CREEK *SCR *C+TY OF PITT* 39 37.9 *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: POPE
*****
BAY CK STR ' 5 *IL00040*BAY CREEK *C *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: PUTNAM
*****
UDPIL90239    *ILU0660*CROW CK *H *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
UDPIL90241    *ILU0661*CLEAR CK *H *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
UDPIL90242    *ILU0662*CLEAR CK *H *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
UDPIL90243    *ILU0663*LITTLE SANDY CK *H *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
*****

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ *   *   *   * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) *   *   *   * (2) *   *   * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
*   *   *   *   *   *   * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
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 *   *   *   *   *   *   *   *   *   *   *
UDPIL90240    *ILU1002*SENACHWINE CK *H *   *   * 41 10.6 * 35.0 * 22. * 76. * 0. * 0. *U 0. *U 0.
               *NCC0167*           *   *   * 89 24.7 *   *   *   *   *   *   *   *   *   *   *
*****
COUNTY NAME: RANDOLPH                FERC POWER SUPPLY AREA 40    FERC REGIONAL OFFICE CODE CH
*****
KASKASKIA RIVER *IL00115*KASKASKIA RIVER *N *   *   * 38 0. * 5839.0 * 4145. * 15. * 53. * 25. *E 0. *E 0.
NAVIGATION POOL *LM30025*           *   *   * 89 54.0 *   *   *   *   *   *   *   *   *   *   *
WALDWIN LAKE    *IL00547*TR-KASKASKIA RIV *O *   *   * 38 12.0 * 90.0 * 61. * 32. * 40. * 26. *E 0. *E 0.
               *LM30026*ER           *   *   * 89 48.0 *   *   *   *   *   *   *   *   *   *   *
*****
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 *   *   *   *   *   *   *   *   *   *   *
*****
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 *   *   *   *   *   *   *   *   *   *   *
BARSTON         *ILU0366*ROCK RIVER       *   *   * 41 30.0 * 9680.0 * 5902. * 28. * 0. * 0. *U 0. *U 0.
               *NCR0007*           *   *   * 90 30.0 *   *   *   *   *   *   *   *   *   *   *
IL NO NAME 98   *IL00136*BIG BRANCH         *R *ROCK IL. CO. * 41 26.1 * 7.0 * 4. * 52. * 63. * 4. *E 0. *E 0.
               *NCR0008*           *   *   * 90 49.9 *   *   *   *   *   *   *   *   *   *   *
NOLINE GENERATIN *IL00798*SYLVAN SLOUGH *H *   *   * 41 30.9 * 88500.0 * 49137. * 9. * 34. * 2. *E 3.60 *E 25.0
G STATION DAM   *NCR0009*           *   *   * 90 32.4 *   *   *   *   *   *   *   *   *   *   *
*****
L E G E N D
*****

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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: SANAGAMON 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 *I * * 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 *I * * 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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(07/09/79)

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(07/09/79)

LEGEND

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

(07/09/79)

PROJECT NAME	* IDENT * NUMBER (1)	* NAME OF STREAM OR RIVER	* PROJ * PUMP (2)	* OWNER	* LATITUDE * LONGITUDE (DM, M)	* DRAINAGE * AREA (SQ MI)	* AVERAGE * ANNUAL * INFLUX (CFS)	* NET * POWER * HEAD (FT)	* HEIGHT * OF * DAM (FT)	* MAXIMUM * STORAGE * CAPACITY (AC FT)	* ENERGY (MWH) (3)	* ENERGY (GWH) (3)

COUNTY NAME: TAZEWELL												

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												

DAM NO 3 CACHE IV	*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 IV	*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												

VERMILLION=DANVI LLE	*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
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 * * DAM * * (FT) *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MW) *	* ENERGY * * (GWH) *	* (3) * * (3) *

COUNTY NAME: WARREN					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH					

UDPIL90164	* ILU0587 * * NCC0023 *	CEDAR FORK	* H *		* 40 48.0 * * 90 27.0 *	11.0*	7.*	29.*	0.*	0.*U	0.*U	0.*	0.1
UDPIL90165	* ILU0588 * * NCC0024 *	CEDAR CK	* H *		* 40 49.2 * * 90 33.6 *	32.0*	19.*	46.*	0.*	0.*U	0.*U	0.*	0.5
UDPIL90166	* ILU0589 * * NCC0025 *	SWAN CK	* H *		* 40 39.0 * * 90 26.4 *	102.0*	64.*	36.*	0.*	0.*U	0.*U	0.*	1.1
UDPIL90167	* ILU0590 * * NCC0026 *	LITTLE SWANCK	* H *		* 40 41.1 * * 90 31.2 *	9.0*	5.*	38.*	0.*	0.*U	0.*U	0.*	0.1
UDPIL90168	* ILU0591 * * NCC0027 *	SWAN CK	* H *		* 40 39.0 * * 90 37.8 *	12.0*	7.*	40.*	0.*	0.*U	0.*U	0.*	0.2
UDPIL90169	* ILU0592 * * NCC0028 *	BIG NIGGER CK	* H *		* 40 40.7 * * 90 37.2 *	10.0*	6.*	31.*	0.*	0.*U	0.*U	0.*	0.1
IL NO NAME 448	* IL00469 * * NCR0010 *K	LITTLE SWAN CREEK	* R *	* PRIVATE *	* 40 40.4 * * 90 31.5 *	7.0*	6.*	29.*	39.*	3.*E	0.*E	0.*	0.1
COUNTY NAME: WAYNE					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH					

BRUSH CR	* ILU0349 * * ORL0022 *	BRUSH CR	* *		* 38 31.2 * * 88 36.3 *	42.0*	34.*	24.*	33.*	30.*U	0.*U	0.*	0.3
ELM RIV	* ILU0350 * * ORL0023 *	ELM RIV	* *		* 38 32.2 * * 88 21.5 *	155.0*	124.*	27.*	36.*	150.*U	0.*U	0.*	2.0
COUNTY NAME: WHITE					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH					

BEAR CREEK	* ILU0362 * * ORL0024 *	BEAR CREEK	* *		* 37 54.8 * * 88 20.2 *	48.0*	38.*	33.*	45.*	60.*U	0.*U	0.*	0.4

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

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * * (1) *	* NAME OF STREAM * * OR RIVER *	* PROJ * * PURP * * (2) *	* OWNER *	* LATITUDE * * (DM,M) *	* DRAINAGE * * AREA * * (SQ MI) *	* AVERAGE * * ANNUAL * * INFLU * * (CFS) *	* NEI * * POWER * * HEAD * * (FT) *	* HEIGHT * * OF * * DAM * * (FT) *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* ENERGY * * CAPACITY * * (MW) *	* ENERGY * * (GWH) *

COUNTY NAME: WILLIAMSON					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				

CRAB ORCHARD LAK E	*IL00083* *LMS0030*	CRAB ORCHARD CRE EK	*RSD *	*	* 37 42.0 * * 89 12.0 *	* 215.0 * *	* 266. * *	* 38. * *	* 45. * *	* 166. * *N	* 0. * * 2.57*N	* 0. * * 5.2 *
LITTLE GRASSY LA KE	*IL00084* *LMS0031*	LITTLE GRASSY CR EEK	*RD *	*	* 37 36.0 * * 89 6.0 *	* 15.0 * *	* 17. * *	* 78. * *	* 85. * *	* 34. * *N	* 0. * * .43*N	* 0. * * .5 *
DEVILS KITCHEN L AKE	*IL00085* *LMS0032*	BIG GRASSY CREEK RS	*RS *	*	* 37 36.0 * * 89 6.0 *	* 20.0 * *	* 23. * *	* 80. * *	* 67. * *	* 106. * *N	* 0. * * .59*N	* 0. * * .7 *

COUNTY NAME: WINNEBAGO					FERC POWER SUPPLY AREA 14			FERC REGIONAL OFFICE CODE CH				

LATHAM PARK	*ILU0370* *NCR0015*	ROCK RIVER	*	*	* 42 20.0 * * 89 0. *	* 6475.0 * *	* 5201. * *	* 11. * *	* 0. * *	* 0. * *T	* 0. * * 8.71*T	* 0. * * 36.1 *
ROCKTON	*ILU0106* *NCR0016*	ROCK RIVER	*H *	*S BELDIT V G *E CC	* 42 27.4 * * 89 4.7 *	* 3425.0 * *	* 1566. * *	* 15. * *	* 14. * *	* 0. * *N	* 1.10* * 2.88*N	* 6.0 * * 8.6 *
FORDAM	*ILU0107* *NCR0017*	ROCK RIVER	*H *	*COMMONWEALTH * EDISON CO	* 42 15.9 * * 89 5.7 *	* 6500.0 * *	* 1559. * *	* 4. * *	* 12. * *	* 0. * *N	* 1.20* * 1.67*N	* 3.3 * * 5.8 *

COUNTY NAME: WOODFORD					FERC POWER SUPPLY AREA 40			FERC REGIONAL OFFICE CODE CH				

MACKINAW DELLS	*ILU0421* *NCC0204*	MACKINAW	*	*	* 40 38.4 * * 89 11.8 *	* 700.0 * *	* 449. * *	* 58. * *	* 65. * *	* 675. * *T	* 0. * * 4.22*T	* 0. * * 12.3 *
UDPIL90170	*ILU0593* *NCC0205*	PARTRIDGE CK	*H *	*	* 40 49.2 * * 89 28.1 *	* 26.0 * *	* 16. * *	* 71. * *	* 0. * *	* 0. * *T	* 0. * * .47*T	* 0. * * .6 *
UDPIL90172	*ILU0595* *NCC0206*	W BR PANTHER	*H *	*	* 40 44.4 * * 89 6.0 *	* 60.0 * *	* 37. * *	* 26. * *	* 0. * *	* 0. * *T	* 0. * * .33*T	* 0. * * .5 *
UDPIL90173	*ILU0596* *NCC0207*	WALNUT CK	*H *	*	* 40 37.8 * * 89 13.8 *	* 72.0 * *	* 43. * *	* 59. * *	* 0. * *	* 0. * *T	* 0. * * .96*T	* 0. * * 1.4 *

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ILLINOIS

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PERP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * (DM,H) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: WOODFORD FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH
*****
* * * * *
UDPIL90174 *ILU0597*HACKINAW=PANTHER*H * * * 40 43.5 * 685.0* 439.* 47.* 0.* 0.*U 0.*U 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.*U 0.*U 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.*U 0.*U 0.
*NCC0210* * * * * 89 59.0 * * * * * *T .07*T .1
* * * * *
UDPIL90177 *ILU0600*WOLF CK * * * * 40 38.8 * 20.0* 12.* 37.* 0.* 0.*U 0.*U 0.
*NCC0211* * * * * 89 59.8 * * * * * *T .15*T .3
* * * * *
UDPIL90178 *ILU0601*DENMAN CK * * * * 40 37.5 * 11.0* 7.* 48.* 0.* 0.*U 0.*U 0.
*NCC0212* * * * * 89 7.6 * * * * * *T .13*T .2
* * * * *
UDPIL90179 *ILU0602*ROCK CK *H * * * 40 13.1 * 28.0* 17.* 39.* 0.* 0.*U 0.*U 0.
*NCC0213* * * * * 89 34.5 * * * * * *T .16*T .5
* * * * *
UDPIL90252 *ILU0671*TRIB=PANTHER *H * * * 40 46.7 * 11.0* 6.* 24.* 0.* 0.*U 0.*U 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
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STATE OF INDIANA

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * CF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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
* * * * *
HURSTOWN 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*EAH * *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 *INU0011*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 *INU0016*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,U *CORDRY-SWEET* 39 17.5 * 2.0* 2.* 73.* 118.* 12.*E 0.*E 0.
*ORL0027* * * * 86 7.5 * * * * *N .05*N .1
*****
COUNTY NAME: CARROLL FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH
*****
DELPHI *INU0047*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 *INU00451*TIPPECANOE RIVER*HR *NORTHERN IN 40 38.9 * 2200.0* 2200.* 57.* 0.* 31.*E 11.00*E 35.0
*ORL0029* * * * 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* * * * 87 3.6 * * * * *N .31*N .6
* * * * *
*****

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L E G E N D

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

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*****
* IDENT * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: DEARBORN                FERC POWER SUPPLY AREA 12    FERC REGIONAL OFFICE CODE CH
*****
HIDDEN VALLEY LA IN00100*DOUBLELICK RUN C*R *HIDDEN VALLE* 39 9.4 *      6.0*      6.* 120.* 130.*      8.*E 0.*E 0.
KE *ORL0031*REEK * * * * * * 84 50.3 *      *      *      *      *      *N .26*N .3
*****
COUNTY NAME: DUBOIS                FERC POWER SUPPLY AREA 12    FERC REGIONAL OFFICE CODE CH
*****
HALTERSVILLE *INU0045*HALL CREEK * * * * * 38 21.5 *      56.0*      56.* 35.* 45.*      73.*U 0.*U 0.
*ORL0032* * * * * * 86 51.1 *      *      *      *      *      *T .89*T 1.3
*****
PATOKA LAKE *INU0050*PATOKA RIVER * * * * * 38 24.0 *     166.0*     166.* 54.* 84.*     302.*U 0.*U 0.
*ORL0033* * * * * * 86 17.1 *      *      *      *      *      *T 2.83*T 5.8
*****
COUNTY NAME: ELKHART                FERC POWER SUPPLY AREA 12    FERC REGIONAL OFFICE CODE CH
*****
ELKHART *IND3010*ST JOSEPH *H *IND-MICH ELE* 41 42.0 *    3370.0*    3081.* 19.* 36.*      0.*E 3.44*E 16.0
*NCE0003* * * * * * 86 0. *      *      *      *      *      *N 4.67*N 23.8
*****
COUNTY NAME: PAYETTE                FERC POWER SUPPLY AREA 12    FERC REGIONAL OFFICE CODE CH
*****
WILLIAMS CREEK *INU0040*WILLIAMS CREEK * * * * * 39 37.4 *      28.0*      28.* 35.* 45.*      29.*U 0.*U 0.
*ORL0034* * * * * * 85 9.9 *      *      *      *      *      *T .25*T .6
*****
COUNTY NAME: MOUNTAIN                FERC POWER SUPPLY AREA 12    FERC REGIONAL OFFICE CODE CH
*****
SILVERWORD *INU0051*COAL CREEK * * * * * 39 58.1 *     256.0*     291.* 31.* 81.*     157.*U 0.*U 0.
*ORL0035* * * * * * 87 23.2 *      *      *      *      *      *T 1.83*T 4.9
*****
COUNTY NAME: FRANKLIN                FERC POWER SUPPLY AREA 12    FERC REGIONAL OFFICE CODE CH
*****
DUCK CREEK *INU0038*DUCK CREEK * * * * * 39 27.6 *      25.0*      25.* 35.* 45.*      18.*U 0.*U 0.
*ORL0036* * * * * * 85 7.5 *      *      *      *      *      *T .32*T .5
*****
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P O T E N T I A L H Y D R O P O W E R S I T E S
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(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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 *INU0017*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*PLUMMER 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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(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ* * * * AVERAGE * NET * HEIGHT* MAXIMUM* *
PROJECT NAME * NUMBER* OR RIVER * PURP* OWNER * LATITUDE * DRAINAGE* ANNUAL * POWER * OF * STORAGE* CAPACITY* ENERGY
* (1) * * (2) * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
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*FLATRUCK 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*INU0025*WESTWOOD RUN *S R C*BIG BLUE RIV* 39 53.6 * 4.0* 4.* 57.* 0.* 5.*E 0.*E 0.
TR #13 *ORL0050* * * CUNSY.DIST.* 85 26.0 * * * * * * *N .09*N .1
*****
COUNTY NAME: HOWARD FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH
*****
KOKOMO WATERWORK*IN00028*WILDCAT CREEK *S *KOKOMO WATER* 40 29.3 * 179.0* 179.* 57.* 50.* 6.*E 0.*E 0.
S RESERVOIR NO 2*ORL0051* * * WORKS CO * 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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(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
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 *IND0133*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-3LACK LAK*IN00240*TR-WEBSTER LAKE *D *IN DEPT NATU * 41 20.3 * 49.0 * 17. * 57. * 0. *E 0. *E 0.
E *ORL0057* * * * 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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I N T H E S T A T E O F I N D I A N A

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * * (1) *	NAME OF STREAM OR RIVER	* PROJ * * PURP * * (2) *	OWNER	*LATITUDE * *LONGITUDE * * (DM,M) *	* DRAINAGE * * AREA * * (SQ MI) *	* AVERAGE * * ANNUAL * * INFLOW * * (CFS) *	* NET * * POWER * * HEAD * * (FT) *	* HEIGHT * * OF * * DAM * * (FT) *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MW) * * (3) *	* ENERGY * * (GWH) * * (3) *

COUNTY NAME: MADISON					FERC POWER SUPPLY AREA 12			FERC REGIONAL OFFICE CODE CH				

KILLBUCK CK	*INU0026*	KILLBUCK CK	*	*	* 40 9.0 *	93.0*	93.*	10.*	28.*	41.*	0.*	0.*
	ORL0060		*	*	* 85 38.0 *					*T	.28*T	.5
FORTVILLE	*INU0027*	FALL CREEK	*	*	* 39 57.2 *	172.0*	172.*	10.*	38.*	76.*	0.*	0.*
	ORL0061		*	*	* 85 51.9 *					*T	.36*T	.9
FRANKTON	*INU0029*	PIPE CREEK	*	*	* 40 13.7 *	105.0*	105.*	10.*	32.*	45.*	0.*	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.*	0.*	0.*
	ORL0063		*	*	* 85 59.9 *					*T	4.21*T	18.9
EAGLE CREEK RESE	*INU0084*	EAGLE CREEK	*C S	*R*DEPT PUBLIC	* 39 49.5 *	168.0*	168.*	57.*	75.*	66.*	0.*	0.*
RVOIR	*ORL0064*		*	*WORK INDPLS.	* 86 18.5 *					*N	2.05*N	4.1
GEIST RESERVOIR	*INU0035*	FALL CREEK	*S	*INDPLS. WATE	* 39 54.6 *	215.0*	215.*	23.*	30.*	27.*	0.*	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.*	0.*	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.*	0.*	0.*
	ORL0067		*	*	* 86 47.5 *					*T	3.35*T	6.2
SWC DIST DAN #2	*INU0065*	SEED TICK CREEK	*C	*SOIL-WATER C	* 38 46.4 *	8.0*	9.*	57.*	55.*	2.*	0.*	0.*
	ORL0068		*	*ONSY.DIST.	* 86 53.6 *					*N	.14*N	.3

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

(07/09/79)

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PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * CAM * (1000 * (MW) * (GWH)
* (1) *          * (2) *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
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 *          *          *          *          *          *          *          *
                *          *                *          *                *          *                *          *                *          *
MISSISSINAWA LA *INO3004*MISSISSINAWA RIV*CR *DAEN ORL * 40 43.4 * 609.0*    609.*    73.*    122.*    368.*E    0.*E    0.
E              *ORL0070*ER              * 85 57.5 *          *          *          *          *          *          *          *
*****
COUNTY NAME: MONROE                FERC POWER SUPPLY AREA 12    FERC REGIONAL OFFICE CODE CH
*****
LAKE LEMON      *INO0010*BEAN BLOSSOM CRE*S R *CITY OF BLO* 39 16.5 * 71.0*    71.*    57.*    50.*    5.*E    0.*E    0.
                *ORL0071*EK              *MINGTON * 86 25.5 *          *          *          *          *          *          *          *
                *          *                *          *                *          *                *          *                *          *
MONROE LAKE     *INO3001*SALT CREEK          *C R *DAEN ORL * 39 .4 * 441.0*    441.*    57.*    75.*    441.*E    0.*E    0.
                *ORL0072*                *          * 86 30.7 *          *          *          *          *          *          *          *
*****
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 *          *          *          *          *          *          *          *
                *          *                *          *                *          *                *          *                *          *
CRAWFORDSVILLE *INU0037*SUGAR CREEK          *          * 40 5.4 * 423.0*    423.*    32.*    51.*    103.*U    0.*U    0.
                *ORL0074*                *          * 86 50.0 *          *          *          *          *          *          *          *
*****
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 *          *          *          *          *          *          *          *
*****
COUNTY NAME: NOBLE                FERC POWER SUPPLY AREA 12    FERC REGIONAL OFFICE CODE CH
*****
NORTHPORT FEEDER*INO0383*TR-N BRANCH ELKH*R *DNR      * 41 30.0 * 33.8*    29.*    17.*    20.*    9.*E    0.*E    0.
DAM            *NCE0004*ART            *          * 85 24.0 *          *          *          *          *          *          *          *
                *          *                *          *                *          *                *          *                *          *
*****
L E G E N D

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * (CH,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ORANGE FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH
*****
SWC DIST FRENCH IN00076 FRENCH LICK CREEK *R C * SPRING VALLE 38 28.9 * 7.0 * 7. * 57. * 75. * 7. *E 0. *E 0.
ICK FV7 *ORL0076 *K * Y CONSY DIST 86 34.2 * * * * *N .17 *N .3
*****
COUNTY NAME: PARKE FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH
*****
ANNAPOLIS *INU0034 *SUGAR CREEK * * * 39 51.6 * 786.0 * 786. * 40. * 80. * 283. *U 0. *U 0.
*ORL0077 * * * 87 17.7 * * * * *T 2.66 *T 10.3
*****
CECIL M HARDEN L IN03003 RACCOON CREEK *C R * DAEN ORL * 39 43.1 * 216.0 * 216. * 70. * 99. * 133. *E 0. *E 0.
AKE *ORL0078 * * * 87 4.3 * * * * *N 3.34 *N 6.8
*****
COUNTY NAME: PERRY FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH
*****
SALINDA LAKE *IN00176 *WINDING BR OF MI *R C * MIDDLE FORK * 38 10.4 * 4.0 * 4. * 57. * 75. * 6. *E 0. *E 0.
*ORL0079 *DULE FORK * * ANDERSON R * 86 8.1 * * * * *N .12 *N .2
*****
SADDLE LAKE *IN03014 *THEIS CREEK *C R * MIDDLE FORK * 38 3.8 * 4.0 * 4. * 57. * 51. * 1. *E 0. *E 0.
*ORL0080 * * * * WATERSHED CO * 86 40.0 * * * * *N .12 *N .2
*****
CELINA LAKE *IN03016 *WINDING BRANCH *C R * MIDDLE FORK * 38 11.0 * 4.0 * 4. * 43. * 76. * 5. *E 0. *E 0.
*ORL0081 * * * * WATERSHED CO * 86 37.8 * * * * *N .09 *N .1
*****
COUNTY NAME: PIKE FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH
*****
PETERSBURG *INU0048 *WHITE RIVER * * * 38 30.1 * 11100.0 * 11519. * 45. * 28. * 0. *U 0. *U 0.
*ORL0082 * * * 87 17.3 * * * * *T 160.22 *T 347.8
*****
COUNTY NAME: PUTNAM FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH
*****
BIG WALNUT CR *INU0020 *BIG WALNUT CR * * * 39 41.4 * 210.0 * 210. * 26. * 62. * 172. *U 0. *U 0.
*ORL0083 * * * 86 48.2 * * * * *T 1.67 *T 2.8
*****
L E G E N D

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

(07/09/79)

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PROJECT NAME * NUMBER * CR RIVER * PUMP * OWNER * LATITUDE * DRAINAGE * ANNUAL * FLOW * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (UM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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 *INU0022*CLEAR CREEK *R *AMERICAN CEN* 39 43.1 * 7.0 * 9. * 46. * 0. * 11. *E 0. *E 0.
*ORL0085* * * * 86 42.7 * * * * * * *N .14*N .2
CAGLES MILL LAKE *IN03002*MILL CREEK *CR *DAEN URL * 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. *L 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* * * * 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 *INU0012*LIT BLUE RIV * * * 39 35.0 * 93.0 * 93. * 41. * 44. * 32. *U 0. *U 0.
2 *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* * * * 86 6.0 * * * * * * *N 9.60*N 49.0
*****

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

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT   *  NAME OF STREAM  *  PROJ*  *  LATITUDE *  DRAINAGE*  ANNUAL *  NET *  HEIGHT*  MAXIMUM*  *
PROJECT NAME * NUMBER*  CR RIVER  *  PURP*  OWNER  *  LONGITUDE*  AREA *  INFLOW *  HEAD *  DAM *  STORAGE*  CAPACITY*  ENERGY
*  (1)    *          *  (2)    *          *  (GM,M) *  (SQ MI) *  (CFS) *  (FT) *  (FT) *  AC FT) *  (3) *  (3)
*****
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 *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *
*****
COUNTY NAME: TIPPECANOE                                FERC POWER SUPPLY AREA 12  FERC REGIONAL OFFICE CODE CH
*****
LAFAYETTE    *INU0032*  WILCAT CK   *  *  * 40 26.2 * 787.0* 787.* 10.* 75.* 333.*U 0.*U 0.
               *ORL0092*  *  *  * 86 48.4 *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *
*****
COUNTY NAME: VERMILION                                FERC POWER SUPPLY AREA 12  FERC REGIONAL OFFICE CODE CH
*****
BROUILLETS CREE *INU0033*  BROUILLETS CREE *  *  * 39 37.5 * 300.0* 300.* 26.* 62.* 169.*U 0.*U 0.
K               *ORL0093*  *  *  * 87 26.9 *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *
*****
LIT VERMILION RI *INU0036*  LIT VERMILION RI *  *  * 39 53.2 * 231.0* 231.* 31.* 96.* 168.*U 0.*U 0.
V               *ORL0094*  *  *  * 87 27.5 *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *
*****
CLINTON       *INU0049*  WABASH RIVER *  *  * 39 39.7 * 11500.0* 11500.* 45.* 62.* 290.*U 0.*U 0.
               *ORL0095*  *  *  * 87 23.7 *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *
*****
COUNTY NAME: WABASH                                FERC POWER SUPPLY AREA 12  FERC REGIONAL OFFICE CODE CH
*****
SALAMONIE LAKE *INO3005*  SALAMONIE RIVER *C R *DAEN ORL * 40 48.5 * 553.0* 553.* 72.* 114.* 264.*E 0.*E 0.
               *ORL0096*  *  *  * 85 40.8 *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *
*****
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 *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *
*****

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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* 38 40.4 * 5.0* 5.* 57.* 0.* 2.*E 0.*E 0.
*ORL0098* * CONSY DIST.* 86 10.0 * * * * *N .11*N .2
*****
COUNTY NAME: WHITE          FERC POWER SUPPLY AREA 12    FERC REGIONAL OFFICE CODE CH
*****
NORWAY DAM *IN00452*TIPPECANOE RIVER*HR *NORTH IN PUB* 40 45.8 * 2200.0* 2200.* 57.* 0.* 25.*E 6.72*E 25.0
*ORL0099* * SERVICE CO * 86 45.6 * * * * *N 21.82*N 49.5
*****
L E G E N D

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STATE OF IOWA

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

POTENTIAL INCREMENTAL CAPACITY RANGES																	
COUNTY	FACILITY TYPE	.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	3	5	7	12	0	1	1	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	605	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 (MEGAWATT)
ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PRGJ *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
* (1) * * * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWF)
* * * * * (DH,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ADAIR FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE CH
*****
FONTANELLE RES *IAU0057*WEST FORK * * * 40 16.4 * 99.0* 40.* 32.* 43.* 65.*U 0.*U 0.
*MRK0002* * * * 94 38.2 * * * * *T .52*T .6
GREENFIELD RES *IAU0059*EAST MIDDLE NODA * * * 41 18.4 * 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 *IAU0062*MIDDLE NODAWAY R * * * 41 5.4 * 246.0* 100.* 63.* 85.* 179.*U 0.*U 0.
*MRK0004*IVER * * * 94 47.5 * * * * *T 1.79*T 3.1
PRESCOTT RES *IAU0064*EAST NODAWAY RIV * * * 41 3.3 * 106.0* 43.* 38.* 51.* 71.*U 0.*U 0.
*MRK0005*EN * * * 94 33.3 * * * * *T .76*T .8
*****
COUNTY NAME: APPANOOSE FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE CH
*****
RATHBUN LAKE *IAU0016*CHARITON RIVER *DNRS *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 *IAU0005*NISHNABOTNA RIVE * * * 41 48.0 * 11.0* 4.* 40.* 45.* 16.*U 0.*U 0.
*MRU0107*R * * * 94 54.0 * * * * *T .06*T .1
DAVIDS CREEK DAM*IAU0010*NISHNABOTNA RIVE * * * 41 36.0 * 57.0* 25.* 57.* 62.* 60.*U 0.*U 0.
*MRQ0108*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.
*NCRO020* * * * 92 26.8 * * * * *N 4.25*N 13.3
*****
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(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

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

(07/09/79)

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*****
*   IDENT * NAME OF STREAM * PROJ *   *   * AVERAGE * NET * HEIGHT * MAXIMUM *   *
PROJECT NAME * NUMBER * OR RIVER * PUNK * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
*   (1) *   *   *   *   *   * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
*   *   *   *   *   *   * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) *   * (3) * (3)
*****
COUNTY NAME: DALLAS FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE CH
*****
ADEL *IAU0068* 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 *IAU0041* 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* * * * *CREATION AS* 91 20.7 * * * * * * * *N 1.66*N 4.3
*****
COUNTY NAME: DES MOINES
*****
MISSISSIPPI RIVE*IA00010* MISSISSIPPI RIVE*N *DAEN NCR * 40 53.0 * 113600.0 * 60254. * 8. * 21. * 90. *E 0. *E 0.
R LOCK + DAM '18*NCR0024*R * * * 91 1.6 * * * * * * * *N 63.91*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*IA00003* MISSISSIPPI RIVE*N *DAEN NCR * 42 32.5 * 81600.0 * 40566. * 9. * 20. * 170. *E 0. *E 0.
R LOCK + DAM '11*NCR0026*R * * * 90 38.5 * * * * * * * *N 64.97*N 247.8
*****
COUNTY NAME: PAYETTE FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE CH
*****
ELDOORADO *IAU0078* 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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L E G E N D

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF IOWA

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ* *LATITUDE * DRAINAGE* ANNUAL *POWER * OF * STORAGE* CAPACITY* ENERGY
PROJECT NAME * NUMBER* OR RIVER * PURP* OWNER *LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: GUTHRIE
*****
IA NO NAME 232 *IA00415*MIDDLE RACCOON R*H *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*IA00004*MISSISSIPPI RIVE*N *DAEN NCR * 42 15.7 * 82400.0* 45750.* 6.* 21.* 92.*E 0.*E 0.
R LOCK + DAM #12*NCR0035*R * * * * 90 25.2 * * * * *N 44.83*N 187.6
*****

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF IOWA

(07/09/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME  * IDENT * NAME OF STREAM * PROJ *      * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
               * NUMBER * OR RIVER      * PURP * OWNER * LONGITUDE * AREA * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
               * (1)   *                * (2)   *      * (DM,M)  * (SQ MI) * (CFS)  * (FT) * (FT) * (1000 * (MW) * (GWH)
               *      *                *      *      *      *      * (AC FT) * (3)   * (3)
*****
COUNTY NAME: JACKSON
*****
IA NO NAME 302 *IA00522*LYTLE CREEK *H *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 MAQUOKER *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 MILLODA *IA00066*IOWA RIVER * * 41 40.0 * 3271.0* 1640.* 10.* 0.* 0.*U 0.*U 0.
M                 *NCR0039*      *      * 91 30.0 *      *      *      *T 4.62*T 10.9
CORALVILLE DAM + *IA00012*IOWA RIVER *CR *DAEN NCR * 41 43.5 * 3084.0* 1546.* 58.* 78.* 585.*E 0.*E 0.
RESERVOIR        *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
*****
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 MAQUOKER * * 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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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I O W A

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LEE FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
AUGUSTA *IAU0070*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 *IAU0071*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*IA00011*MISSISSIPPI RIVE*H N *DAEN NCR, UN* 40 23.9 * 119000.0* 63118.* 36.* 48.* 292.*E 128.00*E 805.0
R LOCK + DAM '19*NCR0045*R * *ION ELECT CO* 91 21.8 * * * * *N 346.78*N 824.4
*****
COUNTY NAME: LINN FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE CH
*****
CENTRAL CITY *IAU0074*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* 41 56.6 * 6520.0* 3269.* 5.* 7.* 1.*E 0.*E 0.
*NCR0047* * *T + POWER CU* 91 37.6 * * * * *N 3.78*N 10.7
*****
COUNTY NAME: LOUISA
*****
MISSISSIPPI RIVE*IA00009*MISSISSIPPI RIVE*N *DAEN NCR * 41 11.5 * 99600.0* 52828.* 4.* 20.* 50.*E 0.*E 0.
R LOCK + DAM '17*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 *IAU0088*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*IA00013*DES MOINES RIVER*CR *DAEN NCR * 41 22.2 * 12323.0* 4600.* 58.* 79.* 1630.*E 0.*E 0.
AKE RED ROCK *NCR0050* * * * 92 58.6 * * * * *N 88.76*N 179.5
* * * * *
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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F I O W A

(07/09/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME  * IDENT * NAME OF STREAM * PROJ *      * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
* NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * ENERGY
* (1) * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: MILLS                                FERC POWER SUPPLY AREA 17    FERC REGIONAL OFFICE CODE CH
*****
SILVER CREEK DAM *IAU0007 * 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 *S C DIS, PCDD * 41 4.2 * 29.0 * 11. * 55. * 60. * 4. *E 0. *E 0.
*MR00112 *      *      *      *      * 95 47.4 *      *      *      *      *      *      *N .12 *N .2
*****
COUNTY NAME: MONTGOMERY                          FERC POWER SUPPLY AREA 17    FERC REGIONAL OFFICE CODE CH
*****
GRAYBILL DAM    *IAU0006 * 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       *IAU0058 * 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 *IAU0061 * 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                          FERC POWER SUPPLY AREA 17    FERC REGIONAL OFFICE CODE CH
*****
MISSISSIPPI RIVE *IA00008 * MISSISSIPPI RIVE *N *DAEN NCR * 41 25.6 * 99400.0 * 55169. * 7. * 21. * 88. *E 0. *E 0.
R LOCK + DAM #16 *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       *IAU0009 * NISHNABOTNA RIVE *      *      * 41 30.0 * 200.0 * 61. * 62. * 67. * 203. *U 0. *U 0.
*MRU0114 *R      *      *      *      * 95 18.0 *      *      *      *      *      *      *T .96 *T 1.9
*      *      *      *      *      *      *      *      *      *      *      *      *      *
SHAMBAUGH RES   *IAU0065 * 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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L E G E N D

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

(07/09/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME * IDENT * NAME OF STREAM * PROJ* OWNER * LATITUDE * DRAINAGE* ANNUAL * POWER * OF * STORAGE* CAPACITY* ENERGY
* NUMBER* OR RIVER * PURP* * * LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * * (DM,M) * (SQ MI) * (CF8) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: PLYMOUTH FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE CH
*****
PERRY CREEK DAM *IAU0002*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 *IAU0085*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 DIVERS *IAU0014*BIG CREEK *C *DAEN NCR * 41 47.5 * 76.0 * 36. * 49. * 66. * 36. *E 0. *E 0.
ION DAM *NCR0053* * * * 93 43.5 * * * * * * *N .62*N 1.0
*****
BIG CREEK TERMIN *IAU0015*BIG CREEK DIVERS *O *DAEN NCR * 41 47.1 * 76.0 * 36. * 71. * 95. * 28. *E 0. *E 0.
AL DAM *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* * * * 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* * * * 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* * * * 92 34.4 * * * * * * *N .05*N .1
*****
COUNTY NAME: RINGGOLD FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE CH
*****
NEW MARKET DAMS *IAU0063*WEST FORK 102 CR * * * 40 42.8 * 192.0 * 99. * 38. * 52. * 143. *U 0. *U 0.
TE *MRK0010*EEK * * * 94 51.8 * * * * * * *T .95*T 1.2
*****
L E G E N D

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

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
* PROJECT NAME * IDENT * NAME OF STREAM * PROJ * OWNER * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
*              * NUMBER * OR RIVER * PURP *          * LONGITUDE * AREA * INFLOW * POWER * OF * STORAGE * CAPACITY * ENERGY
*              * (1) *          * (2) *          * (DN,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SCOTT                FERC POWER SUPPLY AREA 17    FERC REGIONAL OFFICE CODE CH
*****
BIG ROCK          *IAU0072*WAPSIPINICUN RIV*          *          * 41 50.0 * 2066.0* 1353.* 15.* 0.* 0.*U 0.*U 0.
                  *NCR0058*ER          *          * 90 50.0 *          *          *          *          *          *          *
MISSISSIPPI RIVE*IA00006*MISSISSIPPI RIVE*N    *DAEN NCR * 41 34.3 * 88400.0* 49081.* 10.* 20.* 82.*E 0.*E 0.
R LOCK + DAM #14*NCR0059*R          *          * 90 23.9 *          *          *          *          *          *          *
MISSISSIPPI RIVE*IA00007*MISSISSIPPI RIVE*N    *DAEN NCR * 41 31.2 * 88500.0* 49137.* 13.* 32.* 30.*E 2.75*E 20.0
R LOCK + DAM #15*NCR0060*R          *          * 90 34.0 *          *          *          *          *          *          *
COUNTY NAME: SHELBY                FERC POWER SUPPLY AREA 17    FERC REGIONAL OFFICE CODE CH
*****
PRAIRIE ROSE LAK*IA01008*TH=EAAT BR WEST *R    *STATE CONSER* 41 36.5 * 189.0* 58.* 47.* 53.* 4.*E 0.*E 0.
E          *MR00116*NISHAABOTNA          *          * 95 13.8 *          *          *          *          *          *          *
COUNTY NAME: STORY
*****
DELTA            *IAU0077*NORTH SKUNK RIVE*          *          * 41 15.0 * 630.0* 369.* 36.* 0.* 0.*U 0.*U 0.
                  *NCR0070*R          *          * 92 15.0 *          *          *          *          *          *          *
GILBERT          *IAU0081*SQUAW CREEK          *          * 42 0. * 173.0* 82.* 30.* 0.* 0.*U 0.*U 0.
                  *NCR0071*          *          * 93 50.0 *          *          *          *          *          *          *
GLASCON          *IAU0082*CEDAR CREEK          *          * 40 50.0 * 405.0* 236.* 47.* 0.* 0.*U 0.*U 0.
                  *NCR0072*          *          * 91 45.0 *          *          *          *          *          *          *
COUNTY NAME: TAMA
*****
IA NO NAME 588   *IA01032*OTTER CREEK          *R    *COUNTY CONSE* 42 3.1 * 28.0* 16.* 40.* 0.* 2.*E 0.*E 0.
                  *NCR0061*          *          * 92 31.5 *          *          *          *          *          *          *
*****
L E G E N D

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

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
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. *U 0. *U 0.
*MRK0011* * * * 94 26.8 * * * * * * *T .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
*NCR0062* * * * 92 24.8 * * * * * *N 21.11 *N 39.1
*****
COUNTY NAME: WASHINGTON
*****
IA NO NAME 798 *IA01381*TR-BKUNK RIVER *R *STATE CONSER* 41 12.3 * 19.0 * 12. * 32. * 0. * 8. *E 0. *E 0.
*NCR0063* * * * 91 54.5 * * * * * *N .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.
*NCR0073* * * * 94 20.0 * * * * * *T 3.61 *T 9.6
*****
COUNTY NAME: WINNEBOSHEE FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE CH
*****
IA NO NAME 703 *IA01288*UPPER IOWA RIVER*R *IOWA CONSERV* 43 16.0 * 570.0 * 0. * 23. * 29. * 1. *E 0. *E 0.
*NCS0001* * * * 91 42.0 * * * * * *N .07 *N .3
*****

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L E G E N D

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

STATE OF KENTUCKY

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

***** POTENTIAL INCREMENTAL CAPACITY RANGES *****																		
H E A D		C M U T A L																
I N F E T E N T		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL				
E I E T		EXIST* EXIST* UNDEV* TOTAL**				EXIST* EXIST* UNDEV* TOTAL**				EXIST* EXIST* UNDEV* TOTAL**				EXIST* EXIST* UNDEV* TOTAL**				
V I E N H		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	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*	1166*	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)

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F K E N T U C K Y

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * (DM,M) * (SQ MI) * (CF8) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ANDERSON FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH
*****
BEAVER LAKE *KY00052*BEAVER CREEK *R *COMMONWEALTH* 37 57.7 * 3.0* 4.* 73.* 58.* 4.*E 0.*E 0.
*ORLO100* * OF KENTUCKY* 85 1.4 * * * * *N .10*N .2
*****
KENTUCKY RIVER L *KY03017*KENTUCKY RIVER *N *DAEN ORL * 38 3.1 * 5225.0* 7838.* 15.* 15.* 0.*E 0.*E 0.
OCK + DAM 05 *ORLO101* * * * 84 49.8 * * * * *N 36.53*N 68.7
*****
COUNTY NAME: BALLARD FERC POWER SUPPLY AREA 40 FERC REGIONAL OFFICE CODE CH
*****
MOUND CITY L+D *KYU0022*OHIO RIVER * * * 37 4.8 * 203915.0* 300000.* 25.* 31.* 0.*U 0.*U 0.
*ORLO102* * * * 89 9.4 * * * * *T 1621.86*T4832.5
*****
OHIO RIVER LOCK *KY03042*OHIO RIVER *N *DAEN ORL * 37 11.9 * 203100.0* 204700.* 13.* 13.* 0.*E 0.*E 0.
+ DAM 53 *ORLO103* * * * 89 2.2 * * * * *N 840.00*N2502.8
*****
COUNTY NAME: BARREN FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH
*****
BARREN RIVER LAK *KY03009*BARREN RIVER *CR *DAEN ORL * 36 53.8 * 940.0* 1410.* 80.* 123.* 815.*E 0.*E 0.
E *ORLO104* * * * 86 7.5 * * * * *N 40.67*N 77.4
*****
COUNTY NAME: BATH FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH
*****
CAVE RUN LAKE *KY03055*LICKING RIVER *CR *DAEN ORL * 38 7.1 * 826.0* 1239.* 90.* 125.* 614.*E 0.*E 0.
*ORLO105* * * * 83 32.0 * * * * *N 34.24*N 60.3
*****
COUNTY NAME: BELL FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE AT
*****
KETTLE ISLAND DA *KYU0040*STRAIGHT CREEK *HR *CORPS * 36 47.3 * 46.0* 88.* 76.* 102.* 0.*E 0.*E 0.
M *ORNO022* * * * 83 35.6 * * * * *N 2.03*N 3.8
*****
CANNON CK LAKE *KYU0061*CANNON CK *S *COMMONWEALTH* 36 41.1 * 5.0* 7.* 92.* 125.* 17.*E 0.*E 0.
*ORNO023* * OF KENTUCKY* 83 41.5 * * * * *N .18*N .4
*****
L E G E N D

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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F K E N T U C K Y

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DN.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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 * * * 32 16.8 * 174.0 * 261. * 35. * 45. * 128. * U 0. * U 0.
* ORLO106 * * * * 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 DRH * 33 47.6 * 70808.0 * 91890. * 30. * 0. * 0. * E 0. * E 0.
MELDAN L * D * ORH0001 * * * * 84 10.3 * * * * * * * N 758.64 * N2219.9
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.
* ORLO107 * * * * 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.
* ORLO108 * * * * 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.
* ORLO109 * * * * 86 54.0 * * * * * * * T 83.26 * T 177.7
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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F K E N T U C K Y

(07/09/79)

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*****
*   IDENT * NAME OF STREAM * PROJ *   *   *   * AVERAGE * NET * HEIGHT * MAXIMUM *   *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
*   (1) *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*****
COUNTY NAME: CAMPBELL
*****
POOLES CREEK * KYU0025 * LICKING RIVER *   *   *   * 39 .7 * 3650.0 * 5480. * 35. * 50. * 64. * U 0. * U 0.
* ORL0110 *   *   *   *   *   *   * 84 28.2 *   *   *   *   *   *   *   *   *   *   *   *   *
*****
COUNTY NAME: CARROLL
*****
KENTUCKY RIVER * KY03013 * KENTUCKY RIVER * N * DAEN ORL * 38 39.8 * 6956.0 * 10434. * 8. * 8. * 0. * E 0. * E 0.
DCK + DAM 01 * ORL0111 *   *   *   *   *   *   * 85 8.6 *   *   *   *   *   *   *   *   *   *   *   *   *
*****
COUNTY NAME: CARTER
*****
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 *   *   *   *   *   *   *   *   *   *   *   *   *
*****
COUNTY NAME: CHRISTIAN
*****
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 *   *   *   *   *   *   *   *   *   *   *   *   *
*****
LAKE BOXLEY * KYU0048 * LOWER BRANCH * SRC * CHRISTIAN CO * 36 53.6 * 10.0 * 14. * 38. * 51. * 8. * E 0. * E 0.
* ORN0026 *   *   *   *   *   *   * 87 26.6 *   *   *   *   *   *   *   *   *   *   *   *   *
*****
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. *   *   *   *   *   *   * 87 27.4 *   *   *   *   *   *   *   *   *   *   *   *   *
*****
COUNTY NAME: CLAY
*****
LIT GOOSE CK * KYU0010 * LIT GOOSE CK *   *   *   * 37 9.1 * 38.0 * 57. * 35. * 45. * 30. * U 0. * U 0.
* ORL0112 *   *   *   *   *   *   * 83 47.3 *   *   *   *   *   *   *   *   *   *   *   *   *
*****
RED BIRD RIV * KYU0011 * RED BIRD RIV *   *   *   * 37 12.8 * 115.0 * 122. * 35. * 45. * 90. * U 0. * U 0.
* ORL0113 *   *   *   *   *   *   * 83 37.5 *   *   *   *   *   *   *   *   *   *   *   *   *
*****

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(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F K E N T U C K Y

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * ANNUAL * NET * HEIGHT * MAXIMUM *
* PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
*          * (1) *          * (2) *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CLAY                                FERC POWER SUPPLY AREA 19    FERC REGIONAL OFFICE CODE CH
*****
BERT COMBS LAKE *KY00043*BEECH CREEK *SR *COMMONWEALTH* 37 10.1 * 2.0* 3.* 73.* 65.* 1.*E 0.*E 0.
(BEECH CK DAM) *ORL0114*          * OF KENTUCKY* 83 42.5 *          *          *          *N .07*N .1
*****
COUNTY NAME: CRITTENDEN                        FERC POWER SUPPLY AREA 19    FERC REGIONAL OFFICE CODE CH
*****
OHIO RIVER LOCK *KY03039*OHIO RIVER *N *DAEN ORL * 37 28.2 * 143400.0* 143400.* 10.* 10.* 0.*E 0.*E 0.
+ DAM 50 *ORL0115*          *          * 88 5.3 *          *          *          *N 456.22*N 359.3
*****
COUNTY NAME: EDMONDSON                        FERC POWER SUPPLY AREA 19    FERC REGIONAL OFFICE CODE CH
*****
NOLIN LAKE *KY03011*NOLIN RIVER *CR *DAEN ORL * 37 16.7 * 703.0* 1054.* 100.* 145.* 609.*E 0.*E 0.
*ORL0116*          *          * 86 14.7 *          *          *          *N 3.87*N 16.2
*****
COUNTY NAME: ESTILL                          FERC POWER SUPPLY AREA 19    FERC REGIONAL OFFICE CODE CH
*****
STATION CAMP CK *KYU0014*STATION CAMP CK *          *          * 37 34.5 * 95.0* 142.* 35.* 45.* 290.*U 0.*U 0.
*ORL0117*          *          * 83 57.0 *          *          *          *T 1.37*T 2.6
*****
KENTUCKY RIVER L *KY03023*KENTUCKY RIVER *N *DAEN ORL * 37 47.1 * 3219.0* 4829.* 18.* 18.* 0.*E 0.*E 0.
OCK + DAM 11 *ORL0118*          *          * 84 6.2 *          *          *          *N 27.55*N 49.6
*****
KENTUCKY RIVER L *KY03024*KENTUCKY RIVER *N *DAEN ORL * 37 40.7 * 2916.0* 4374.* 17.* 17.* 0.*E 0.*E 0.
OCK + DAM 12 *ORL0119*          *          * 83 56.9 *          *          *          *N 23.66*N 43.6
*****
COUNTY NAME: FLOYD                          FERC POWER SUPPLY AREA 10    FERC REGIONAL OFFICE CODE NY
*****
DEWEY *KYU0093*JOHNS CREEK *CRO *DAEN ORH * 37 44.2 * 207.0* 227.* 49.* 86.* 93.*E 0.*E 0.
*ORH0003*          *          * 82 43.8 *          *          *          *N 2.59*N 9.7
*****
*****
L E G E N D

```

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

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F K E N T U C K Y

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: FRANKLIN FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH
*****
KENTUCKY RIVER L* KY03016 * KENTUCKY RIVER * N * DAEN ORL * 38 12.6 * 5412.0 * 6118. * 13. * 13. * 0. * E 0. * E 0.
OCK + DAM 04 * ORL0120 * * * * 84 52.3 * * * * * * * * * * * N 375.23 * N 706.1
*****
COUNTY NAME: FULTON FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE AT
*****
LOCK AND DAM NO. * KYU0002 * MISSISSIPPI RIVE * * * * 36 34.0 * 922500.0 * 246595. * 17. * 17. * 0. * U 0. * U 0.
S * LM0009 * R * * * * 89 23.5 * * * * * * * * * * * T 866.97 * T 3005.4
*****
COUNTY NAME: GRANT FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH
*****
EAGLE CREEK * KYU0030 * EAGLE CREEK * * * * 38 36.6 * 247.0 * 370. * 76. * 102. * 173. * U 0. * U 0.
* ORL0121 * * * * 84 40.8 * * * * * * * * * * * T 4.12 * T 8.2
*****
BOLTZ LAKE * KY00032 * ARNOLDS CREEK * R * COMMONWEALTH * 38 42.4 * 3.0 * 5. * 73. * 68. * 3. * E 0. * E 0.
* ORL0122 * * * * OF KENTUCKY * 84 37.1 * * * * * * * * * * * N .10 * N .1
*****
BULLOCK PEN LAKE * KY00055 * BULLOCK PEN CREE * R * COMMONWEALTH * 38 47.3 * 8.0 * 12. * 73. * 54. * 3. * E 0. * E 0.
* ORL0123 * K * * * * OF KENTUCKY * 84 39.4 * * * * * * * * * * * N .29 * N .5
*****
WILLIAMSTOWN LAK * KY00080 * SOUTH FORK GRASS * S R * CITY OF WILL * 38 40.6 * 9.0 * 13. * 73. * 55. * 9. * E 0. * E 0.
E * ORL0124 * Y CREEK * * * * IANSTOWN * 84 31.1 * * * * * * * * * * * N .30 * N .4
*****
COUNTY NAME: GREENUP FERC POWER SUPPLY AREA 10 FERC REGIONAL OFFICE CODE NY
*****
ARGILLITE * KYU0090 * LITTLE SANDY RIV * C * * * * 38 24.0 * 554.0 * 341. * 50. * 65. * 228. * U 0. * U 0.
* ORH0004 * ER * * * * 82 53.0 * * * * * * * * * * * T 3.31 * T 11.7
*****
ARGENTUM * KYU0091 * TYGARTS CREEK * C * * * * 38 30.0 * 292.0 * 353. * 72. * 87. * 137. * U 0. * U 0.
* ORH0005 * * * * * * * * * * * * * * * * * T 2.91 * T 9.7
*****
GREENUP L+D * KYU0096 * OHIO RIVER * NR * DAEN ORH * 38 38.8 * 52000.0 * 92050. * 30. * 44. * 0. * E 0. * E 0.
* ORH0006 * * * * * * * * * * * * * * * * * N 677.58 * N 1906.9
*****
L E G E N D

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(2) D=DEBRIS CONTROL, P=FAHM 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 KENTUCKY

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (DM.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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 * 35 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 COUNT * 36 44.3 * 25.0 * 48. * 81. * 110. * 17. * E * 0. * E * 0.
* ORN0030 * * * * 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 * KYO3002 * 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 * 111.0
*****
NEWBURG LOCK + DAM * KYO3059 * 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 JERICO ?L * KYO0061 * LITTLE KY RIVER * C R * HENRY COUNTY * 38 26.8 * 10.0 * 15. * 7.5 * 65. * 9. * E * 0. * E * 0.
* KY R. MPS 118 * ORL0127 * * * * 65 16.9 * * * * * * * * N * .53 * N * .7
*****
KENTUCKY RIVER LOCK AND DAM 02 * KYO3014 * KENTUCKY RIVER * N * DAEN ORL * 38 26.3 * 6180.0 * 9270. * 14. * 14. * 0. * E * 0. * E * 0.
* * ORL0128 * * * * 64 57.7 * * * * * * * * N * 43.83 * N * 79.1
*****
KENTUCKY RIVER LOCK + DAM 03 * KYO3015 * 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
*****
LE G E N D

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(07/09/79)

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 (2) D=DERRIS CONTROL, P=FARM POND, O=OTHER
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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F K E N T U C K Y

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT * (3) * (3)
*****
COUNTY NAME: LAUREL FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE AT
*****
LAUREL LAKE *KYU0047*LAUREL R. *CHR *DAEN URN * 36 57.6 * 283.0 * 439 * 208 * 282 * 436 *E 61.00*E 67.0
*ORNO031* * 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.
*ORNO032* *TER DIST '2 * 84 6.0 * * * *N 1.17*N 2.2
WOOD CK LAKE *KYU0078*WOOD CK *SR *COMMONWEALTH* 37 12.8 * 22.0 * 42 * 118 * 160 * 45 *E 0. *E 0.
*ORNO033* * OF KENTUCKY* 84 11.8 * * * *N 1.51*N 2.8
CORBIN RESERVOIR *KYU0083*LAUREL RIVER *S *CITY OF CORB * 36 58.5 * 140.0 * 237 * 37 * 50 * 0 *E 0. *E 0.
*ORNO034* *IN * 84 7.2 * * * *N 2.13*N 4.6
*****
COUNTY NAME: LAWRENCE FERC POWER SUPPLY AREA 10 FERC REGIONAL OFFICE CODE NY
*****
YATESVILLE *KYU0099*BLAINE CREEK *CRD * * 38 3.6 * 208.0 * 234 * 45 * 79 * 100 *U 0. *U 0.
*ORHO009* * 82 52.0 * * * *T 2.38*T 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 * 128 * 143 * 181 *U 0. *U 0.
*ORLO137* * 83 41.4 * * * *T 76.04*T 120.5
FINCASTLE *KYU0019*NO FK KENTUCKY R * * * 37 38.5 * 1300.0 * 1950 * 50 * 70 * 81 *U 0. *U 0.
*ORLO138*IV * 83 36.0 * * * *T 32.38*T 98.9
KENTUCKY RIVER L *KY03025*KENTUCKY RIVER *N *DAEN ORL * 37 36.1 * 2784.0 * 4176 * 18 * 18 * 0 *E 0. *E 0.
OCK + DAM 13 *ORLO139* * 83 50.0 * * * *N 23.92*N 44.1
KENTUCKY RIVER L *KY03026*KENTUCKY RIVER *N *DAEN ORL * 37 33.2 * 2657.0 * 3986 * 17 * 17 * 0 *E 0. *E 0.
OCK + DAM 14 *ORLO140* * 83 46.2 * * * *N 5.16*N 22.1
*****
L E G E N D

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O=DEBRIS CONTROL, P=FARM POND, Q=OTHER
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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF KENTUCKY

(07/09/79)

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*****
*   IDENT * NAME OF STREAM * PROJ *   *   * AVERAGE * NET * HEIGHT * MAXIMUM *
* PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
*   (1) *   *   * (2) *   *   * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
*   *   *   *   *   * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LEBLANCHE      FERC POWER SUPPLY AREA 10      FERC REGIONAL OFFICE CODE CH
*****
CUTSHIN CREEK *KYU0008 * 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 *KYU0038 * POOR FORK * HR * CORPS * 37 0. * 52.0 * 92. * 76. * 102. * C. * E 0. * E 0.
DAM * ORN0035 *   *   * 82 54.7 *   *   *   *   *   *   *   *   * N 1.98 * N 4.4
*****
COUNTY NAME: LINCOLN      FERC POWER SUPPLY AREA 19      FERC REGIONAL OFFICE CODE CH
*****
*KY00208 * BUCK CREEK * C * LINCOLN COUNT * 37 23.6 * 10.0 * 14. * 73. * 50. * 3. * E 0. * E 0.
*ORL0145 *   *   *   * TY SCD * 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 *KY03040 * OHIO RIVER * N * DAEN ORL * 37 21.4 * 143900.0 * 143900. * 8. * 8. * 0. * E 0. * E 0.
+ DAM 51 * ORN0036 *   *   * 88 28.7 *   *   *   *   *   *   *   *   * N 366.25 * N 1091.3
*****

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L E G E N D

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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F K E N T U C K Y

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ* * AVERAGE * NET * HEIGHT* MAXIMUM* *
PROJECT NAME * NUMBER* OR RIVER * PURP* OWNER * LATITUDE * DRAINAGE* ANNUAL * POWER * OF * STORAGE* CAPACITY* ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CF9) * (FT) * (FT) * AC FT) * (3) * (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: LYDN 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.* 8.*E 0.*E 0.
AYLOR FK DAM) *ORL0150* * * TY * 84 21.5 * * * * *N .48*N .8
*****
RED BRICK CK MPS* KY00769* OWLSLEY 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.
UCK + 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
*****
HOYALTON * 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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L E G E N D

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

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F K E N T U C K Y

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * FURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (DM:M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: MARSHALL FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT
*****
KENTUCKY LAKE *KYU0060*TENNESSEE R. *NCHM *TVA * 37 .8 * 40200.0 * 65111. * 140. * 190. * 5129. *E 175.00*E 112.5
*DRN0038* * 88 16.1 * * * * *N 2183.48*N 6387.6
*****
EAST FORK CLARKS *KYU0062*MIDDLE FORK CK. *C *WILLIE HOLME * 36 50.9 * 15.0 * 21. * 20. * 38. * 7. *E 0. *E 0.
R. FRS #28-A *DRN0039* * 88 26.1 * * * * *N .17*N .2
*****
COUNTY NAME: MCCracken FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH
*****
OHIO RIVER LOCK *KY03041*OHIO RIVER *N *DAEN URL * 37 7.3 * 202830.0 * 202830. * 12. * 12. * 0. *E 0. *E 0.
+ DAM 52 *ORL0154* * 88 39.3 * * * * *N 767.10*N 2302.5
*****
COUNTY NAME: McLEAN FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH
*****
GREEN RIVER LOCK *KY03003*GREEN RIVER *N *DAEN URL * 37 31.9 * 7564.0 * 11400. * 14. * 14. * 0. *E 0. *E 0.
+ DAM 02 *ORL0155* * 87 15.9 * * * * *N 50.19*N 107.6
*****
COUNTY NAME: MEADE FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH
*****
DOE VALLEY LAKE *KY00022*DOE RUN *R S *MERRIL LYNCH * 37 59.9 * 36.0 * 54. * 73. * 97. * 19. *E 0. *E 0.
*ORL0156* * 86 7.0 * * * * *N .92*N 1.1
*****
COUNTY NAME: MONROE FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT
*****
CELINA DAM *KYU0046*CUMBERLAND RIVER*HR *CURPS * 36 36.4 * 6308.0 * 10204. * 46. * 60. * 358. *E 0. *E 0.
*DRN0040* * 85 30.2 * * * * *N 134.68*N 334.2
*****
*KY00298*MILL CREEK *R C S *CITY OF TOMP * 36 41.0 * 7.0 * 11. * 73. * 63. * 5. *E 0. *E 0.
*ORL0157* * 85 42.1 * * * * *N .27*N .4
*****
L E G E N D

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(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=FARM POND, O=OTHER
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(07/09/79)

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF KENTUCKY

(07/09/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME  * IDENT * NAME OF STREAM * PROJ *      * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
                * NUMBER * OR RIVER      * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
                * (1) *                  * (2) *      * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
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.* 0.*E 0.*E 0.
                *ORL0165*          * OF KENTUCKY* 84 17.6 *      *      *      *      *      *      *      *
*****
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 *      *      *      *      *      *      *      *
*****
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 *      *      *      *      *      *      *      *
*****
COUNTY NAME: PIKE          FERC POWER SUPPLY AREA 10      FERC REGIONAL OFFICE CODE NY
*****
FISHTRAD      *KYU0094*LEWISA FORK *CRD *DAEN ORH 37 25.9 * 395.0* 465.* 82.* 152.* 164.*E 0.*E 0.
                *ORH0010*          *      *      * 82 25.0 *      *      *      *      *      *      *      *
*****
COUNTY NAME: POWELL        FERC POWER SUPPLY AREA 19      FERC REGIONAL OFFICE CODE CH
*****
RED RIVER     *KYU0029*RED RIVER *      *      * 38 50.0 * 235.0* 392.* 58.* 114.* 168.*U 0.*U 0.
                *ORL0168*          *      *      * 83 45.8 *      *      *      *      *      *      *      *
*****
MILL CREEK LAKE *KY00259*MILL CREEK *P *COMMONWEALTH* 37 46.0 * 5.0* 8.* 73.* 55.* 1.*E 0.*E 0.
                *ORL0169*          * OF KENTUCKY* 83 40.4 *      *      *      *      *      *      *      *
*****
COUNTY NAME: PULASKI      FERC POWER SUPPLY AREA 19      FERC REGIONAL OFFICE CODE AT
*****
ROCKCASTLE NARROW *KYU0035*ROCKCASTLE RIVER*HR *CORPS 37 2.1 * 725.0* 1124.* 76.* 142.* 171.*E 0.*E 0.
                *ORN0041*          *      *      * 84 18.3 *      *      *      *      *      *      *      *
*****
L E G E N D

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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F K E N T U C K Y

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * ANNUAL * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ROCKCASTLE FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE AT
*****
PARKER BRANCH DAM KYU0034 ROCKCASTLE RIVER HR CORPS * 37 18.0 * 292.0 * 453. * 76. * 117. * 317. * E 0. * E 0.
M ORN0042 * 84 8.8 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
LAKE LINVILLE KYU0069 KENFRO CK RS COMMONWEALTH * 37 23.0 * 15.0 * 21. * 53. * 72. * 15. * E 0. * E 0.
ORN0043 * 84 20.1 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
COUNTY NAME: RUSSELL FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT
*****
LAKE CUMBERLAND KYU0059 CUMBERLAND R. HCR DAEN DRN * 36 52.2 * 5789.0 * 9065. * 163. * 220. * 2094. * E 270.00 * E 1317.9
ORN0044 * 85 8.7 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
COUNTY NAME: SHELBY FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH
*****
GUIST CREEK LAKE KY00040 GUIST CREEK R S COMMONWEALTH * 38 12.4 * 29.0 * 44. * 44. * 60. * 12. * E 0. * E 0.
ORL0170 * 85 9.5 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
CEDARMORE LAKE KY00050 SIX MILE CREEK R CEDARMORE AS * 38 19.7 * 27.0 * 41. * 22. * 30. * 3. * E 0. * E 0.
ORL0171 * 85 1.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
TRAILWOOD LAKE KY00315 BACKBONE CREEK K TRAILWOOD LA * 38 19.1 * 4.0 * 6. * 73. * 63. * 3. * E 0. * E 0.
ORL0172 * 84 59.7 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
CEDARMORE RESERV KY00376 TR-SIXMILE CREEK S CEDARMORE AS * 38 18.8 * 27.0 * 41. * 27. * 37. * 0. * E 0. * E 0.
ORL0173 * 85 .9 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
COUNTY NAME: SPENCER FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH
*****
TAYLORSVILLE LAKE KYU0026 SALT RIVER * 38 0. * 353.0 * 530. * 87. * 132. * 292. * U 0. * U 0.
ORL0174 * 85 18.2 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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L E G E N D

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF KENTUCKY

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: TAYLOR FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH
*****
GREEN RIVER LAKE * KY03007 * GREEN RIVER * CR * DAEN ORL * 37 20.3 * 682.0 * 1023. * 84. * 123. * 723. * E 0. * E 0.
* ORL0175 * * 4741 * 85 15.2 * * * * * * * * N 30.70 * N 55.4
*****
COUNTY NAME: UNION FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH
*****
UNIONTOWN LOCK * KY03060 * OHIO RIVER * W * DAEN ORL * 37 46.2 * 108000.0 * 108000. * 22. * 22. * 0. * E 0. * E 0.
DAM * ORL0176 * * * * 87 57.5 * * * * * * * * N 822.21 * N 2217.1
*****
COUNTY NAME: WARREN FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH
*****
DRAKES CREEK * KYU0016 * DRAKES CREEK * * * * 36 55.3 * 500.0 * 750. * 35. * 45. * 307. * U 0. * U 0.
* ORL0177 * * * * 86 23.0 * * * * * * * * T 2.70 * T 10.2
*****
TURNER R L + D * KY03008 * BARREN RIVER * N * DAEN ORL * 37 5.2 * 1966.0 * 2949. * 15. * 15. * 0. * E 0. * E 0.
* ORL0178 * * * * 86 30.2 * * * * * * * * N 4.38 * N 18.4
*****
COUNTY NAME: WASHINGTON FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH
*****
WILLISBURG LAKE * KY00103 * LONG LICK CREEK * SR * COMMONWEALTH * 37 49.6 * 4.0 * 6. * 73. * 77. * 6. * E 0. * E 0.
* ORL0179 * * * OF KENTUCKY * 85 9.8 * * * * * * * * N .12 * N .2
*****
COUNTY NAME: WHITLEY FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE AT
*****
LITTLE CLEAR CRE * KYU0039 * LITTLE CLEAR CRE * HR * CORPS * 36 40.4 * 14.0 * 27. * 76. * 102. * 0. * E 0. * E 0.
EK DAM * ORN0045 * EK * * * * 84 23.1 * * * * * * * * N .62 * N 1.2
*****
COUNTY NAME: WOODFORD FERC POWER SUPPLY AREA 19 FERC REGIONAL OFFICE CODE CH
*****
KENTUCKY RIVER L * KY03018 * KENTUCKY RIVER * N * DAEN ORL * 37 55.6 * 5102.0 * 7653. * 14. * 14. * 0. * E 0. * E 0.
OCK + DAM 06 * ORL0180 * * * * 84 49.2 * * * * * * * * N 34.00 * N 62.2
*****
L E G E N D

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STATE OF MICHIGAN

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

***** POTENTIAL INCREMENTAL CAPACITY RANGES *****																	
HEAD																	
***** I N F E E T *****	***** L A N D *****	***** 0.05 MW - 15 MW *****				***** 15 MW - 25 MW *****				***** GREATER THAN 25 MW *****				***** TOTAL *****			
	***** I G *****	*****				*****				*****				*****			
	***** V I W *****	EXIST*	EXIST*	UNDEV*	TOTAL*	EXIST*	EXIST*	UNDEV*	TOTAL*	EXIST*	EXIST*	UNDEV*	TOTAL*	EXIST*	EXIST*	UNDEV*	TOTAL*
***** T E N H *****		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 *****	***** N U M B E R *****	27*	56*	0*	56*	0*	0*	0*	0*	0*	1*	0*	1*	27*	57*	0*	57*
	***** C A P A C I T Y *****	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*
	***** E N E R G Y *****	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 *****	***** N U M B E R *****	50*	67*	0*	67*	1*	2*	0*	2*	1*	2*	0*	2*	52*	71*	0*	71*
	***** C A P A C I T Y *****	181*	156*	0.0*	156*	18.3*	33.8*	0.0*	33.8*	41.2*	419*	0.0*	419*	241*	608*	0.0*	608*
	***** E N E R G Y *****	713*	619*	0.0*	619*	161*	111*	0.0*	111*	297*	2014*	0.0*	2014*	1171*	2744*	0.0*	2744*

***** 50-99 *****	***** N U M B E R *****	8*	10*	0*	10*	2*	4*	0*	4*	2*	1*	0*	1*	12*	15*	0*	15*
	***** C A P A C I T Y *****	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*
	***** E N E R G Y *****	236*	232*	0.0*	232*	151*	288*	0.0*	288*	141*	57.0*	0.0*	57.0*	528*	576*	0.0*	576*

***** >100 *****	***** N U M B E R *****	1*	3*	0*	3*	0*	0*	0*	0*	0*	0*	0*	0*	1*	3*	0*	3*
	***** C A P A C I T Y *****	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*
	***** E N E R G Y *****	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 *****	***** N U M B E R *****	86*	136*	0*	136*	3*	6*	0*	6*	3*	4*	0*	4*	92*	146*	0*	146*
	***** C A P A C I T Y *****	283*	303*	0.0*	303*	52.4*	121*	0.0*	121*	151*	709*	0.0*	709*	486*	1133*	0.0*	1133*
	***** E N E R G Y *****	1145*	1238*	0.0*	1238*	312*	399*	0.0*	399*	438*	2735*	0.0*	2735*	1895*	4371*	0.0*	4371*

LE G E N D

COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS
COLUMN 3 = UNDEVELOPED POTENTIAL

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

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PLRP * OWNER * LATITUDE * DRAINAGE * ANNUAL * PWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ALCONA FERC POWER SUPPLY AREA 1: FERC REGIONAL OFFICE CODE CH
*****
ALCONA *M100150*AUSABLE R *H *CONSUMERS PO* 44 33.7 * 1469.C* 1332.* 34.* 41.* 6.*E 8.21*E 25.4
*NCE0006* * *HER CO * 83 47.8 * * * * *N 0.*N 0.
* * * * *
HUBBARD LAKE *M100176*S BRANCH THUNDER*S *ALPENA POWER* 44 51.6 * 146.C* 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 1: FERC REGIONAL OFFICE CODE CH
*****
AU TRAIN *M100152*AU TRAIN *H *CLEVELAND CL* 46 19.9 * 80.C* 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 1: FERC REGIONAL OFFICE CODE CH
*****
CALKINS BRIDGE *M100151*KALAMAZOO *H *CONSUMERS PW* 42 34.8 * 1550.C* 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 *M100418*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 PL *M100492*KALAMAZOO *H *CONSUMERS PO* 42 28.3 * 1454.0* 1270.* 15.* 17.* 2.*E 1.73*E 8.4
NT *NCE0011* * *HER CO * 85 45.5 * * * * *N 1.66*N .5.3
* * * * *
TROWBRIDGE *M100493*KALAMAZOO *H *CONSUMERS PO* 42 29.0 * 1497.0* 1308.* 22.* 24.* 1.*E 2.10*E 9.6
*NCE0012* * *HER CO * 85 48.2 * * * * *N 2.35*N 10.6
*****
COUNTY NAME: ALPENA FERC POWER SUPPLY AREA 1: FERC REGIONAL OFFICE CODE CH
*****
FOUR MILE DAM *M100170*THUNDER BAY *H *ALPENA PWR C* 45 5.7 * 1265.0* 1026.* 20.* 25.* 1.*E 2.03*E 6.8
*NCE0013* * *D * 83 30.2 * * * * *N 1.60*N 7.4
* * * * *
NINTH STREET *M100188*THUNDER BAY *H *ALPENA PWR C* 45 4.4 * 1275.0* 1034.* 18.* 19.* 4.*E 1.20*E 6.0
*NCE0014* * *D * 83 26.0 * * * * *N 2.13*N 7.0
* * * * *
*****

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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(07/09/79)

```

*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ*          * LATITUDE * DRAINAGE* AVERAGE * NET * HEIGHT* MAXIMUM*
* PROJECT NAME * NUMBER* OR RIVER * PURP* OWNER * LONGITUDE* AREA * ANNUAL * POWER * OF * STORAGE* CAPACITY* ENERGY
*          * (1) *          * (2) *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * (AC FT) * (3) * (3)
*****
COUNTY NAME: ALPENA FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH
*****
NORWAY POINT *MI00189*THUNDER BAY *H *ALPENA POWER* 45 5.8 * 1260.0* 1022.* 37.* 41.* 30.*E 4.00*E 16.0
*NCE0015* * CO * 83 31.4 * * * * * *N 1.19*N 9.2
UPPER SOUTH DAM *MI00202*UPPER SQ BRANCH *H *ALPENA POWER* 45 1.4 * 160.0* 33.* 13.* 19.* 53.*E 0.*E 0.
*NCE0016*THUNDER BAY * * CO * 83 47.6 * * * * * *N .13*N .3
COUNTY NAME: ANTRIM FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH
*****
ELK RAPIDS DAM *MI00517*ELK *R *CONSUMERS PD* 44 54.0 * 434.0* 92.* 10.* 13.* 90.*E 1.24*E 2.4
*NCE0017* *HER CO * 85 24.7 * * * * * *N 0.*N 0.
COUNTY NAME: BARAGA FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH
*****
BIG FALLS *MIU0004*STURGEON *H * * * 46 42.0 * 322.0* 390.* 99.* 0.* 0.*E 0.*E 0.
*NCE0018* * * * 88 42.0 * * * * * *N 6.31*N 23.1
LOWER PLANT *MIU0014*STURGEON *H * * * 46 42.0 * 322.0* 390.* 90.* 0.* 0.*E 0.*E 0.
*NCE0019* * * * 88 42.0 * * * * * *N 5.70*N 20.9
TIBBETS FALLS *MIU0025*STURGEON *H * * * 46 42.0 * 155.0* 188.* 112.* 0.* 0.*E 0.*E 0.
*NCE0020* * * * 88 42.0 * * * * * *N 3.81*N 12.9
PRICKETT DIVERSI *MI00193*STURGEON *H *U. P. POWER* 46 43.4 * 340.0* 430.* 37.* 50.* 19.*E 2.20*E 9.4
ON DAM *NCE0021* * CO * 88 40.1 * * * * * *N 0.*N 0.
COUNTY NAME: BERRIEN FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH
*****
KINGS LANDING *MIU0013*ST JOSEPH *H * * * 42 6.0 * 4161.0* 3609.* 18.* 0.* 0.*E 0.*E 0.
*NCE0022* * * * 86 24.0 * * * * * *N 8.84*N 43.7
BUCHANAN HYDRO E *MI00016*ST JOSEPH RIVER *H *IND + MICH E* 41 50.3 * 4037.0* 3502.* 13.* 15.* 2.*E 3.89*E 17.6
LECTRIC *NCE0023* * ELECTRIC CO * 86 21.0 * * * * * *N 2.34*N 13.1
*****
L E G E N D

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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PUNP * OWNER * (LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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 5.9
*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* *ELECTRIC CO * 86 19.7 * * * * *N 7.25*N 22.4
*****
COUNTY NAME: BRANCH FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH
*****
MOONK DAM *MI00021*COLDWATER RIVER *H * * * 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
*NCE0028* *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 PD* 45 11.7 * 62.0* 70.* 32.* 35.* 1.*E .56*E 1.4
*NCE0031* *HER CU * 84 57.0 * * * * *N 0.*N 0.
*****
L E G E N D

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P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * (DM,M) * (SQ MI) * (CF8) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CHARLEVOIX FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH
*****
EAST JORDAN DAM *MI00519*DEER CREEK *R * *CONSUMERS PD* 45 8.0 * 33.0* 100.* 25.* 31.* 1.*E 0.*E 0.
*NCE0032* *WER CO * 35 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
*NCE0033* * 84 28.5 * * * * * * *N .63*N 7.7
ALVERNO *MI00521*BLACK *H * *CONSUMERS PD* 45 33.2 * 610.0* 467.* 19.* 22.* 1.*E 1.13*E 3.1
*NCE0034* *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 * *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
*NCE0036* *M 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 *N * *EDISON SAULT* 46 30.0 * 80900.0* 84761.* 21.* 0.* 0.*E 41.30*E 297.2
*NCE0143* * ELECTRIC CO* 84 18.0 * * * * * * *N 219.03*N 999.0
ST MARYS FALLS *MIU0046*ST MARYS RIVER *F * *CORPS OF ENG* 46 30.0 * 80000.0* 55000.* 21.* 0.* 0.*E 18.40*E 161.2
*NCE0144* * * 84 18.0 * * * * * * *N 199.97*N1015.0
*****
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.
*NCE0145* * 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.
*NCE0146* * 84 42.0 * * * * * * *N 21.49*N 117.2
*****

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P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(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: DELTA												

ESCANARA NO. 1	*MI00164*	ESCANARA	*H	*MEAD CORP.	* 45 47.7 *	* 980.0 *	* 1053. *	* 23. *	* 36. *	* 2. *	* 1.95 *	* 6.7 *
	NCE0038				* 87 4.7 *						* 2.56 *	* 8.1 *
ESCANABA NO. 2	*MI00165*	ESCANABA	*H	*MEAD CORP	* 45 48.9 *	* 900.0 *	* 967. *	* 14. *	* 19. *	* 1. *	* 0. *	* 0. *
	NCE0039				* 87 6.1 *						* 3.45 *	* 9.0 *
ESCANABA NO. 3	*MI00166*	ESCANABA	*H	*MEAD CORP	* 45 50.0 *	* 870.0 *	* 935. *	* 30. *	* 46. *	* 5. *	* 2.50 *	* 9.9 *
	NCE0040				* 87 5.6 *						* 2.38 *	* 6.9 *
ESCANABA NO. 4	*MI00167*	ESCANABA	*H	*MEAD CORP	* 45 56.8 *	* 800.0 *	* 860. *	* 49. *	* 68. *	* 2. *	* 4.74 *	* 14.0 *
	NCE0041				* 87 16.2 *						* 1.80 *	* 10.5 *

COUNTY NAME: DICKINSON												

WILSON	*MIU0026*	PINE	*H		* 45 48.0 *	* 272.0 *	* 222. *	* 99. *	* 0. *	* 0. *	* 0. *	* 0. *
	NCE0042				* 88 12.0 *						* 3.70 *	* 14.1 *
BIG GUINNESEC FALLS	*MIU0030*	MENOMINEE	*H	*WIS-MI PWR C	* 45 48.0 *	* 2475.0 *	* 2513. *	* 92. *	* 98. *	* 0. *	* 16.00 *	* 104.9 *
	NCE0043			*O	* 88 0. *						* 31.17 *	* 57.0 *
QUINNESEC FALLS	*MIU0044*	MENOMINEE	*H	*WISCONSIN-MI	* 45 48.0 *	* 2475.0 *	* 2513. *	* 55. *	* 0. *	* 0. *	* 3.53 *	* 4.0 *
	NCE0044			*CH PWR CO	* 88 0. *						* 24.67 *	* 92.8 *
TWIN FALLS	*MIU0047*	MENOMINEE	*H	*WIS ELEC PWR	* 45 50.0 *	* 1790.0 *	* 1650. *	* 44. *	* 0. *	* 0. *	* 6.14 *	* 32.7 *
	NCE0045			*CO	* 88 5.0 *						* 3.99 *	* 14.4 *
FORD DAM	*MI00047*	MENOMINEE RIVER	*H		* 45 48.7 *	* 50.0 *	* 47. *	* 27. *	* 33. *	* 3. *	* 0. *	* 0. *
	NCE0046				* 88 7.5 *						* .23 *	* .9 *
KINGSFORD	*MI00177*	MENOMINEE	*H	*WIS-MI PWR C	* 45 48.5 *	* 2367.0 *	* 2404. *	* 30. *	* 30. *	* 7. *	* 7.20 *	* 31.2 *
	NCE0047			*O	* 88 7.6 *						* 2.47 *	* 15.6 *
STURGEON	*MI00198*	STURGEON	*H	*WIS-MICH PWR	* 45 48.4 *	* 280.0 *	* 216. *	* 43. *	* 54. *	* 7. *	* .80 *	* 4.0 *
	NCE0048			*CO	* 87 47.2 *						* 1.32 *	* 1.9 *

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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(07/09/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
*  IDEN * NAME OF STREAM * PROJ *      *      *      *      *      *      *      *      *      *
*  TION *   OR RIVER    * PURP *      *      *      *      *      *      *      *      *      *
*  (1)  *                * (2)  *      *      *      *      *      *      *      *      *      *
*****
COUNTY NAME: DICKINSON      FERC POWER SUPPLY AREA 13      FERC REGIONAL OFFICE CODE CH
*****
STURGEON FALLS  *MI00199* MENOMINEE      *H  *CITY OF NORW* 45 45.4 * 2940.0* 2711.* 25.* 25.* 4.*E 3.50*E 22.0
                  *NCE0049*      *      *AY      * 87 52.1 *      *      *      *      *      *      *
                  *      *      *      *      *      *      *      *      *      *      *
MINONAME 32     *MI00483* E BRANCH STURGEON *CK *DICKINSON CO* 45 58.6 * 237.0* 205.* 31.* 38.* 2.*E 0.*E 0.
                  *NCE0050*N      *      *UNTY      * 87 41.5 *      *      *      *      *      *      *
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.* 18.* 24.* 3.*E 0.*E 0.
                  *NCE0051*      *      *T      * 83 39.5 *      *      *      *      *      *      *
                  *      *      *      *      *      *      *      *      *      *      *
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 *      *      *      *      *      *      *
                  *      *      *      *      *      *      *      *      *      *      *
MOTT DAM        *MI00469* FLINT          *R  *GENESEE COUN* 43 4.8 * 954.0* 577.* 15.* 19.* 7.*E 0.*E 0.
                  *NCE-IFO*      *      *TY PANK COMM* 83 39.6 *      *      *      *      *      *      *
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 1.05*E 2.9
                  *NCE-IFO*      *      *ERTON      * 84 28.5 *      *      *      *      *      *      *
                  *      *      *      *      *      *      *      *      *      *      *
CHAPPEL DAM     *MI00525* CEDAR RIVER      *R  *      * 44 .3 * 155.0* 67.* 29.* 32.* 5.*E .41*E 1.3
                  *NCE0053*      *      *      * 84 33.0 *      *      *      *      *      *      *
                  *      *      *      *      *      *      *      *      *      *      *
SECORD DAM      *MI00547* TITTIBAWASSEE *H  *WOLVERINE PO* 44 2.6 * 210.0* 205.* 46.* 49.* 51.*E 1.20*E 3.0
                  *NCE0054*      *      *HER CO      * 84 20.5 *      *      *      *      *      *      *
                  *      *      *      *      *      *      *      *      *      *      *
SMALLWOOD DAM   *MI00548* TITTIBAWASSEE *H  *WOLVERINE PO* 43 57.7 * 342.0* 227.* 28.* 35.* 9.*E 1.20*E 2.6
                  *NCE-IFO*      *      *HER CO      * 84 20.0 *      *      *      *      *      *      *
                  *      *      *      *      *      *      *      *      *      *      *
EDENVILLE       *MI00549* TITTIBAWASSEE AT *H *WOLVERINE PO* 43 49.0 * 1050.0* 697.* 43.* 53.* 66.*E 4.80*E 10.0
                  *NCE-IFO* JUNCT TOBACO *      *HER CO      * 84 23.3 *      *      *      *      *      *      *
                  *      *      *      *      *      *      *      *      *      *      *
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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NE * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * (DM,N) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: GOGEBIC FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH
*****
CISCO LAKE RESER*MIU0033*S BR UNTONAGAN *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 *HH *CONSUMERS PO* 44 42.0 * 276.0* 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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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (HW) * (GWH)
* (1) * * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: HOUGHTON                                FERC POWER SUPPLY AREA 11  FERC REGIONAL OFFICE CODE CH
*****
REDRIDGE DAM *MIO0091* 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 .62 *N 1.9
*****
COUNTY NAME: INGHAM                                FERC POWER SUPPLY AREA 11  FERC REGIONAL OFFICE CODE CH
*****
MCORES PARK *MIO0094* GRAND RIVER *H * CITY OF LANS * 42 43.0 * 758.0 * 518. * 14. * 22. * 3. *E 1.50 *E 2.7
*NCE0063* * * ING BD OF WT * 84 33.5 * * * * * *N .47 *N 2.2
*****
COUNTY NAME: IONIA                                FERC POWER SUPPLY AREA 11  FERC REGIONAL OFFICE CODE CH
*****
WEBBER *MIO0206* GRAND *H * CONSUMERS PW * 42 57.4 * 1751.0 * 1169. * 26. * 27. * 9. *E 3.25 *E 9.1
*NCE0064* * * R CO * 84 54.2 * * * * * *N 1.47 *N 9.0
*****
LYONS DAM *MIO0509* GRAND *HR * VILLAGE OF L * 42 58.8 * 1760.0 * 1169. * 9. * 11. * 1. *E .35 *E 1.2
*NCE0065* * * YONS * 84 57.2 * * * * * *N 2.60 *N 6.0
*****
PORTLAND MUNIC *MIO0541* GRAND *H * PORTLAND ELE * 42 54.0 * 1695.0 * 1426. * 9. * 12. * 1. *E .38 *E 2.4
AL *NCE-IFO* * * CTRIC CO. * 84 54.0 * * * * * *N 1.99 *N 6.7
*****
COUNTY NAME: IOSCO                                FERC POWER SUPPLY AREA 11  FERC REGIONAL OFFICE CODE CH
*****
COOKE *MIO0161* AU SABLE R *H * CONSUMERS PW * 44 28.4 * 1641.0 * 1488. * 38. * 48. * 43. *E 9.00 *E 26.3
*NCE0066* * * R CO * 83 34.4 * * * * * *N 0. *N 0.
*****
FIVE CHANNELS *MIO0168* AU SABLE *H * CONSUMERS PW * 44 29.1 * 1613.0 * 1463. * 35. * 45. * 6. *E 6.00 *E 24.7
*NCE0067* * * R CO * 83 40.9 * * * * * *N .94 *N 12.4
*****
FOOTE *MIO0169* AU SABLE R *H * CONSUMERS PW * 44 26.1 * 1644.0 * 1491. * 39. * 47. * 44. *E 9.00 *E 29.2
*NCE0068* * * R CO * 83 26.4 * * * * * *N 0. *N 0.
*****
LOUD *MIO0178* AU SABLE *H * CONSUMERS PD * 44 29.3 * 1602.0 * 1453. * 27. * 35. * 14. *E 4.00 *E 18.0
*NCE0069* * * WER CO * 83 43.2 * * * * * *N 1.37 *N 10.5
*****

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L E G E N D

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

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * (DM,M) * (SQ MI) * (CF8) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: IRON FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH
*****
BRULE ISLAND *M100156*BRULE *H *WIS-MI PWR C* 45 56.8 * 1050.0* 1047.* 50.* 60.* 26.*E 5.34*E 15.1
*NCE0070* * * *D * 88 13.2 * * * *N 2.62*N 24.5
* * * *
HEMLOCK FALLS *M100172*MICHIGAMME *H *WIS-MI PWR C* 46 8.7 * 665.0* 704.* 34.* 34.* 1.*E 2.80*E 13.8
*NCE0071* * * *D * 85 14.6 * * * *N 1.04*N 12.9
* * * *
MICHIGAMME FALLS *M100184*MICHIGAMME *H *WIS-MI PWR C* 45 57.4 * 724.0* 766.* 50.* 60.* 20.*E 9.60*E 42.0
*NCE0072* * * *D * 88 11.8 * * * *N 0.*N 0.
* * * *
PEAVY FALLS *M100191*MICHIGAMME *H *WIS-MI PWR C* 45 59.4 * 715.0* 757.* 94.* 95.* 127.*E 12.00*E 63.9
*NCE0073* * * *D * 88 12.6 * * * *N 0.*N 0.
* * * *
WAY *M100205*MICHIGAMME *H *WIS-MI PWR C* 46 9.5 * 645.0* 683.* 28.* 35.* 141.*E 1.80*E 10.1
*NCE0074* * * *D * 88 14.0 * * * *N 1.28*N 3.2
* * * *
CRYSTAL FALLS *M100530*PAINT *H *CITY OF CRYSTAL FALLS * 46 6.5 * 616.0* 608.* 22.* 25.* 2.*E .90*E 3.0
*NCE0075* * * *D * 88 20.0 * * * *N 1.56*N 5.4
*****
COUNTY NAME: ISABELLA FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH
*****
ISABELLA LAKE *M100434*CHIPPEWA RIVER *R *ISABELLA COU* 43 39.2 * 416.0* 311.* 33.* 45.* 16.*E 0.*E 0.
*NCE-IFO* * * *NTY * 84 59.3 * * * *N 1.69*N 6.6
*****
COUNTY NAME: JACKSON FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH
*****
GRAND LAKE DAM *M100484*GRAND RIVER *R *PESAI AND ASSOCIATES * 42 5.3 * 174.0* 120.* 12.* 15.* 2.*E 0.*E 0.
*NCE0076* * * * * 84 25.5 * * * *N .26*N 1.0
* * * *
MIRROR LAKE DAM *M100654*GRAND RIVER *R *AMERICAN CENTRAL CORP. * 42 6.0 * 16.6* 11.* 16.* 21.* 1.*E 0.*E 0.
*NCE-IFO* * * * * 84 24.0 * * * *N .06*N .1
* * * *
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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET *HEIGHT* MAXIMUM*
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER *LONGITUDE* AREA * ANNUAL *POWER * OF * STORAGE* CAPACITY* ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LENAWEE FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH
*****
BENT OAK DAM *M100594*RIVER RAISIN *S *CITY OF ADRI* 41 54.0 * 460.0* 313.* 18.* 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*M100621*N BR ORE CREEK *O *BOI USFW * 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*M1U0023*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*M100155*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 CRE*M100685*STONEY CREEK *R *MURON-CLINTO* 42 42.0 * 68.2* 37.* 24.* 32.* 13.*E 0.*E 0.
EK LAKE DAM *NCE0085* *N METRO AUTH* 83 6.0 * * * *N .28*N .6
*****
UPPER STONEY CRE*M100686*STONEY CREEK *R *MURON-CLINTO* 42 42.0 * 70.0* 43.* 18.* 24.* 3.*E 0.*E 0.
EK LAKE DAM *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 *M1U0001*MANISTEE *H * * 44 18.0 * 1758.0* 2008.* 17.* 0.* 0.*E 0.*E 0.
*NCE0087* * * 86 12.0 * * * *N 4.67*N 24.8
*****
L E G E N D

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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(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 CAPACITY (1000 AC FT)	ENERGY (MWH) (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	62.0	27.0	34.0	32.0	0.0	0.0
	NCE0101			IFFS IRON CO	87 50.1						.55	1.1

LAKE INDEPENDENCE DAM	MI00436	IRON RIVER	H		46 48.8	97.0	123.0	10.0	13.0	13.0	0.0	0.0
	NCE0102				87 40.7						.41	.8

TILDEN MINE DAM	MI00487	MIDDLE BRANCH	S	CALUMET MECL	46 26.4	46.0	43.0	47.0	57.0	41.0	0.0	0.0
	NCE0103	CANABA RIVER		A MINE CO	87 47.6						.37	1.4

REPUBLIC DAM	MI00562	MICHIGANME	H		46 24.5	240.0	304.0	23.0	26.0	2.0	.77	2.1
	NCE0104				87 58.7						1.51	2.4

SCHWEITZER CREEK DAM	MI00612	SCHWEITZER CREEK	S		46 24.8	24.0	16.0	28.0	38.0	8.0	0.0	0.0
	NCE0106				87 38.8						.15	.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	140.0	19.0	23.0	54.0	0.0	0.0
	NCE0107				86 29.7						.37	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	1469.0	39.0	42.0	13.0	6.75	25.9
	NCE0108			R CO	85 28.7						.93	12.7

COUNTY NAME: MENOMINEE					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				

CHAPPIE RAPIDS	MI00006	MENOMINEE	H		45 24.0	3955.0	3293.0	14.0	0.0	0.0	0.0	0.0
	NCE0109				87 36.0						6.38	29.5

PEMENE DAM	MI00018	MENOMINEE	H		45 36.0	2975.0	2477.0	25.0	0.0	0.0	0.0	0.0
	NCE0110				87 48.0						8.68	39.7

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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(07/09/79)

PROJECT NAME	* IDENT * NUMBER (1)	NAME OF STREAM OR RIVER	* PRUJ * PURP (2)	OWNER	* LATITUDE * LONGITUDE (DM,M)	* DRAINAGE * AREA (SQ MI)	* AVERAGE * ANNUAL INFLOW (CFS)	* NET * HEAD (FT)	* HEIGHT * DAM (FT)	* MAXIMUM * OF 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. *	* 0. *
	* NCE0111 *				* 87 36.0 *						* 17.51 *	* 57.5 *
GRAND RAPIDS	* MIU0039 *	MENOMINEE	* H *	* WISCONSIN PU *	* 45 21.0 *	* 3867.0 *	* 3220. *	* 26. *	* 26. *	* 0. *	* 7.02 *	* 36.5 *
	* NCE0112 *			* BLIC SERV CO *	* 87 35.0 *						* 10.82 *	* 22.1 *
CHALK HILL	* MI00160 *	MENOMINEE	* H *	* WIS-MICH PWR *	* 45 30.8 *	* 3500.0 *	* 3227. *	* 28. *	* 28. *	* 12. *	* 7.80 *	* 36.7 *
	* NCE0113 *			* CO *	* 87 48.2 *						* 10.72 *	* 26.2 *
WHITE RAPIDS	* MIU0207 *	MENOMINEE	* H *	* WIS-MICH PWR *	* 45 30.0 *	* 3228.0 *	* 2976. *	* 29. *	* 29. *	* 7. *	* 8.00 *	* 40.0 *
	* NCE0114 *			* CO *	* 87 48.2 *						* 9.69 *	* 20.0 *
UPPER MENOMINEE RIVER DAM	* MI00531 *	MENOMINEE	* H *	* SCOTT PAPER *	* 45 24.0 *	* 4061.0 *	* 3381. *	* 11. *	* 17. *	* 1. *	* .92 *	* 6.9 *
	* NCE0115 *			* CO *	* 87 36.0 *						* 4.54 *	* 17.2 *
LOWER MENOMINEE	* MIU0532 *	MENOMINEE	* H *	* SCOTT PAPER *	* 45 6.4 *	* 3790.0 *	* 3494. *	* 12. *	* 14. *	* 0. *	* 2.24 *	* 15.9 *
	* NCE0116 *			* CO *	* 87 37.8 *						* 3.44 *	* 11.2 *

COUNTY NAME: MIDLAND FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH												

CARROLL CREEK DAM	* MI00417 *	S BR CARROLL CREEK	* R *		* 43 36.0 *	* 28.3 *	* 87. *	* 42. *	* 51. *	* 1. *	* 0. *	* 0. *
	* NCE0117 *	EK			* 84 30.0 *						* .73 *	* 2.5 *
SANFORD	* MIU0550 *	TITTABAWASSEE	* H *	* WOLVERINE PD *	* 43 40.7 *	* 1090.0 *	* 1245. *	* 24. *	* 35. *	* 35. *	* 3.30 *	* 7.0 *
	* NCE-IFO *			* WER CO *	* 84 23.0 *						* 1.32 *	* 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. *	* 0. *
	* NCE0118 *				* 85 54.0 *						* 5.55 *	* 26.7 *
NEWAYGO HYDRO PLANT	* MIU0041 *	MUSKEGON	* H *	* CONSUMERS PW *	* 43 24.0 *	* 2277.0 *	* 1915. *	* 14. *	* 0. *	* 0. *	* 2.13 *	* 10.9 *
	* NCE0119 *			* R CO *	* 85 48.0 *						* 2.91 *	* 12.7 *

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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * * (3) * (3)
*****
COUNTY NAME: NEWAYGO FERC POWER SUPPLY AREA 11 FERC REGIONAL OFFICE CODE CH
*****
CROTON *MI00162*MUSKEGON *H *CONSUMERS PH* 43 25.3 * 2224.0* 1871.* 40.* 52.* 36.*E 9.00*E 37.1
*NCE0120* * *R CO * 85 48.1 * * * * *N 4.77*N 16.2
* * * * *
HARDY *MI00171*MUSKEGON *H *CONSUMERS PH* 43 29.3 * 1851.0* 1557.* 63.* 78.* 183.*E 30.00*E 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 *MI00002*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=IFU* * *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: OGEMAH 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
* * * * *
OGEMAH LAKE DAM *MI00296*PETERSON CREEK *R *OGEMAH 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 *MI00010*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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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 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: ONTONAGON					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				

HOOPER	*MIU0012* *NCE0126*	*W BR ONTONACAN	*H	*	* 46 36.0 * * 89 30.0 *	* 610.0 *	* 672. * *	* 63. * *	* 0. * *	* 0. * *N	* 0. * * 6.89 *N	* 0. * * 25.1 *
BOND FALLS	*MI00153* *NCE0128*	*ONTANAGAN	*H	*U.P. PWR CO	* 46 24.5 * * 89 7.8 *	* 190.0 *	* 128. * *	* 30. * *	* 40. * *	* 43. * *N	* 0. * * .66 *N	* 0. * * 2.8 *
VICTORIA DIVERSI ON	*MI00203* *NCE0129*	*ONTONAGAN	*H	*U.P. PWR CO	* 46 41.3 * * 89 13.8 *	* 650.0 *	* 519. * *	* 84. * *	* 113. * *	* 20. * *N	* 12.00 * * 0. *N	* 64.0 * * 0. *

COUNTY NAME: OSCODA					FERC POWER SUPPLY AREA 11			FERC REGIONAL OFFICE CODE CH				

BAKER BRIDGE	*MIU0003* *NCE0130*	*AU SABLE	*H	*	* 44 42.0 * * 84 6.0 *	* 1045.0 *	* 948. * *	* 29. * *	* 0. * *	* 0. * *N	* 0. * * 3.76 *N	* 0. * * 20.0 *
THOMPSON	*MIU0024* *NCE0131*	*AU SABLE	*H	*	* 44 42.0 * * 84 6.0 *	* 1588.0 *	* 1440. * *	* 11. * *	* 0. * *	* 0. * *N	* 0. * * 2.17 *N	* 0. * * 11.5 *
MIO	*MI00186* *NCE0132*	*AU SABLE R	*H	*CONSUMERS PD *WER CO	* 44 39.5 * * 84 7.5 *	* 1225.0 *	* 1111. * *	* 28. * *	* 38. * *	* 16. * *N	* 5.00 * * 0. *N	* 15.0 * * 0. *

COUNTY NAME: OTSEGO					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				

FORKS	*MIU0009* *NCE0149*	*ONTONAGAN	*H	*	* 46 42.0 * * 89 12.0 *	* 1290.0 *	* 1396. * *	* 36. * *	* 0. * *	* 0. * *N	* 0. * * 8.22 *N	* 0. * * 29.1 *

COUNTY NAME: SCHOOLCRAFT					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				

PAPER MILL	*MI00377* *NCE0133*	*MANISTIQUE	*H	*MANISTIQUE P *ULP + PAPER	* 45 57.2 * * 86 14.8 *	* 1100.0 *	* 1444. * *	* 23. * *	* 30. * *	* 2. * *N	* 0. * * 5.21 *N	* 0. * * 20.8 *
A#2 POOL	*MI00635* *NCE0134*	*SAND CREEK	*O	*DOI BSW	* 46 18.0 * * 86 0. *	* 50.3 *	* 53. * *	* 9. * *	* 12. * *	* 2. * *N	* 0. * * .11 *N	* 0. * * .3 *

LEGEND												

L E G E N D

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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(07/09/79)

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*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*  IDENT  NAME OF STREAM  PROJ*  *  AVERAGE * NET *HEIGHT* MAXIMUM*      *
PROJECT NAME * NUMBER*   OR RIVER  * PURP*  OWNER  *LATITUDE * DRAINAGE* ANNUAL *POWER * OF * STORAGE* CAPACITY* ENERGY
* (1) *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
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      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
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*      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
LAKE TEMPLENE   *MI00470*PRAIRIE      *R  *ST JOSEPH CO* 41 54.5 * 106.0* 88.* 13.* 18.* 9.*E 0.*E 0.
*NCE=IFO*      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
STURGIS         *MI00534*ST JOSEPH      *H  *CITY OF STUR* 41 58.2 * 944.0* 762.* 26.* 29.* 7.*E .88*E 4.1
*NCE0136*      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
CONSTANTINE HYDR*MI00535*ST JOSEPH      *H  *MICH POWER C* 41 50.5 * 1542.0* 1245.* 11.* 13.* 4.*E 1.20*E 5.5
O      *NCE0137*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
UPPER CONSTANTIN*MI00554*FAWN RIVER      *H  *      *      * 41 48.0 * 22.9* 18.* 8.* 10.* 3.*E 0.*E 0.
E DAM      *NCE0138*      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
LOWER CONSTANTIN*MI00555*FAWN RIVER      *H  *      *      * 41 48.0 * 22.9* 18.* 8.* 10.* 3.*E 0.*E 0.
E DAM      *NCE0139*      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
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.* 28.* 27.* 3.*E 0.*E 0.
*NCE0140*      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME:  WASHTENAW                FERC POWER SUPPLY AREA 11  FERC REGIONAL OFFICE CODE CH
*****
RAWSONVILLE    *MI00194*HURON RIVER      *H  *JYRD      * 42 12.2 * 800.0* 480.* 33.* 44.* 23.*E 1.92*E 8.5
*NCE0141*      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
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L E G E N D

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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(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 * (CFG)	* NET * POWER * HEAD * (FT)	* HEIGHT* * OF * DAM * (FT)	* MAXIMUM* * STORAGE* * (1000 * AC FT)	* CAPACITY* * (MW) * (3)	* ENERGY * (GWH) * (3)
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 * 83 36.0	* 800.0*	* 480.*	* 13.*	* 16.*	* 1.*E *N	* 1.40*E * 0.*N	* 3.3 * 0.
SUPERIOR DAM	*MI00558*	HURON	*H	*DETROIT EDISON	* 42 15.9 * 83 35.5	* 792.0*	* 475.*	* 16.*	* 32.*	* 1.*E *N	* 1.41*E * 0.*N	* 3.3 * 0.
BARTON DAM	*MI00560*	HURON	*H	*CITY OF ANN ARBOR	* 42 18.5 * 83 45.3	* 723.0*	* 434.*	* 26.*	* 29.*	* 5.*E *N	* 1.55*E * .41*N	* 5.2 * 2.1
GEDDES DAM	*MI00561*	HURON	*R	*	* 42 15.9 * 83 38.5	* 757.0*	* 454.*	* 17.*	* 20.*	* 3.*E *N	* .90*E * .44*N	* 3.1 * 1.9
COUNTY NAME: WAYNE					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
NEWBURGH DAM	*MI00396*	MIDDLE BR ROUGE	*R	*WAYNE CNTY	* 42 24.0 * 83 24.0	* 105.0*	* 73.*	* 24.*	* 31.*	* 1.*E *N	* 0.*E * .51*N	* 0. * 1.1
FRENCH LANDING	*MI00557*	HURON	*R	*VAN BUREN TWP	* 42 12.9 * 83 26.9	* 825.0*	* 495.*	* 31.*	* 35.*	* 26.*E *N	* 2.69*E * 0.*N	* 7.5 * 0.
COUNTY NAME: WEXFORD					FERC POWER SUPPLY AREA 11		FERC REGIONAL OFFICE CODE CH					
DUTCH JOHN	*MIU0007*	MANISTEE	*H	*	* 44 24.0 * 85 42.0	* 475.0*	* 563.*	* 40.*	* 0.*	* 0.*E *N	* 0.*E * 3.01*N	* 0. * 16.4
LOWER SIBLEY	*MIU0015*	MANISTEE	*H	*	* 44 24.0 * 85 42.0	* 1086.0*	* 1287.*	* 50.*	* 0.*	* 0.*E *N	* 0.*E * 7.68*N	* 0. * 46.3
MANTON	*MIU0016*	MANISTEE	*H	*	* 44 30.0 * 85 24.0	* 758.0*	* 899.*	* 41.*	* 0.*	* 0.*E *N	* 0.*E * 4.92*N	* 0. * 26.8
SANDS	*MIU0021*	MANISTEE	*H	*	* 44 24.0 * 85 42.0	* 558.0*	* 661.*	* 57.*	* 0.*	* 0.*E *N	* 0.*E * 5.03*N	* 0. * 27.4

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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I C H I G A N

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * * (CM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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. * E 0. * E 0.
* NCE0154 * * * * 85 42.0 * * * * * * * N 7.36 * N 43.5
* * * * * * * * * * * * * * * *
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L E G E N D

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STATE OF MINNESOTA

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

POTENTIAL INCREMENTAL CAPACITY RANGES																	
D I N F E T	C U T M O U T A L D T S I V I N E N H	.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	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	26.7	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	318	271	468	739	318	271	598	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	318	1868	1602	3469	854	2346	2408	4754
L E G E N D																	
COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT									COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)								
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS									CAPCTY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)								
COLUMN 3 = UNDEVELOPED POTENTIAL									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	NAME OF STREAM OR RIVER	PRCJ PURP	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA	AVERAGE ANNUAL INFLOW	NET POWER HEAD	HEIGHT OF DAM	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH)
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)		(3)	(3)
COUNTY NAME: AITKIN												
FERC POWER SUPPLY AREA 16												
FERC REGIONAL OFFICE CODE												
MAYHEW LAKE	MN00241	MAYHEW CREEK	0		45 40.7	27.0	6	8	10	5	E	0
	NC90002				94 7.6					N	.05	.1
RIPPLE LAKE	MN00243	RIPPLE RIVER	0		46 27.7	90.0	21	6	8	12	E	0
	NC90003				93 41.4					N	.07	.2
HANGING KETTLE LAKE	MN00244	RIPPLE RIVER	0		46 28.6	93.0	22	4	6	6	E	0
	NC90004				93 42.0					N	.05	.1
SANDY LAKE	MN00583	SANDY RIVER	CR	DAEN NCS	46 47.3	421.0	207	12	16	109	E	0
	NC90005				93 19.2					N	.41	1.9
RICE RIVER POOL	MN00622	RICE RIVER	0	DOI BSW	46 33.5	145.0	48	8	11	38	E	0
	NC90006				93 21.7					N	.11	.4
RICE LAKE POOL	MN00623	RICE RIVER	0	DOI BSW	46 32.4	138.0	46	7	9	14	E	0
	NC90007				93 19.0					N	.08	.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
	NC90008				93 16.7					T	42.14	113.8
CEDAR CREEK	MNU0119	RUM	H		45 18.3	1360.0	561	28	28	4	U	0
	NC90009				93 22.5					T	3.20	9.4
RUM RIVER	MN00549	RUM RIVER	R	CITY OF ANOKA	45 12.0	1484.0	611	22	30	1	E	0
	NC90010			A	93 23.4					N	3.17	8.9
COUNTY NAME: BECKER												
FERC POWER SUPPLY AREA 26												
FERC REGIONAL OFFICE CODE												
TWO INLETS LAKES	MN00020	HAY CREEK	0	STATE OF MN	47 1.8	110.0	52	18	6	14	E	0
	NC90011				95 11.3					N	.11	.3

L E G E N D

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

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * * (1) *	NAME OF STREAM OR RIVER	* PROJ * * PURP *	OWNER	*LATITUDE * *LONGITUDE * * (DN,M) *	* DRAINAGE * * AREA * * (SQ MI) *	* AVERAGE * * ANNUAL * * INFLW * * (CFS) *	* NET * * POWER * * HEAD * * (FT) *	* HEIGHT * * OF * * DAM * * (FT) *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MH) * * (3) *	* ENERGY * * (GWH) * * (3) *

COUNTY NAME: BECKER					FERC POWER SUPPLY AREA 26			FERC REGIONAL OFFICE CODE				

HEIGHT OF LAND	*MN00021*	OTTERTAIL RIVER	*D	*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	*D	*DOI BSW	* 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				

MOUIL LAKE	*MN00015*	TURTLE RIVER	*D	*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 RIVE	*MN00504*	MISSISSIPPI RIVE	*H	*OTTERTAIL PD	* 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	*D		* 45 17.8 *	* 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	*84.60*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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 (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)

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * (DM,M) * (SQ MI) * (CF8) * (FT) * (FT) * AC FT) * (3) * (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 *MNU059E*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 *MNU0603*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 *MNU0604*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 *MNU0605*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 *MNU0606*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 44.26*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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(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

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

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ*          * LATITUDE * DRAINAGE* AVERAGE * NET * HEIGHT* MAXIMUM*          *
* PROJECT NAME * NUMBER* CR RIVER * PURP* OWNER * LONGITUDE* AREA * ANNUAL * POWER * OF * STORAGE* CAPACITY* ENERGY
*          * (1) *          * (2) *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CASS                                FERC POWER SUPPLY AREA 16    FERC REGIONAL OFFICE CODE
*****
MUD-GOOSE LAKE *MN00040*LEECH LAKE RIVER*O *          * 47 16.1 * 1150.0* 345.* 6.* 8.* 45.*E 0.*E 0.
               *NCS0027*          *          * 93 57.3 *          *          *          *          *          *          *          *
               *          *          *          *          *          *          *          *          *          *
BIG RICE LAKE  *MN00041*LAURA BROOK *OI *          * 47 .2 * 81.0* 24.* 5.* 7.* 13.*E 0.*E 0.
               *NCS0028*          *          * 93 54.9 *          *          *          *          *          *          *          *
               *          *          *          *          *          *          *          *          *          *
LEECH LAKE     *MN00585*LEECH LAKE RIVER*CR *DAEN NCS * 47 14.4 * 1163.0* 349.* 7.* 10.* 1000.*E 0.*E 0.
               *NCS0029*R          *          * 94 13.3 *          *          *          *          *          *          *          *
               *          *          *          *          *          *          *          *          *          *
GULL LAKE      *MN00596*GULL RIVER *CR *DAEN NCS * 46 24.7 * 287.0* 104.* 8.* 11.* 111.*E 0.*E 0.
               *NCS0030*          *          * 94 21.2 *          *          *          *          *          *          *          *
               *          *          *          *          *          *          *          *          *          *
SYLVAN         *MN00601*CROW WING *H *MINNESOTA PW* 46 18.3 * 3575.0* 1681.* 22.* 34.* 10.*E 1.80*E 9.8
               *NCS0031*          *          * 94 22.7 *          *          *          *          *          *          *          *
               *          *          *          *          *          *          *          *          *          *
COUNTY NAME: CHIPPEWA                            FERC POWER SUPPLY AREA 16    FERC REGIONAL OFFICE CODE
*****
MONTEVIDEO     *MNU0123*MINNESOTA *H *          * 44 56.6 * 6160.0* 633.* 35.* 35.* 500.*U 0.*U 0.
               *NCS0150*          *          * 95 44.6 *          *          *          *          *          *          *          *
               *          *          *          *          *          *          *          *          *          *
COUNTY NAME: CHISAGO                            FERC POWER SUPPLY AREA 16    FERC REGIONAL OFFICE CODE CH
*****
NEVERS         *MNU0133*ST CROIX *H *          * 45 32.3 * 5850.0* 3976.* 45.* 45.* 419.*U 0.*U 0.
               *NCS0151*          *          * 92 43.3 *          *          *          *          *          *          *          *
               *          *          *          *          *          *          *          *          *          *
COUNTY NAME: CLEARWATER                        FERC POWER SUPPLY AREA 16    FERC REGIONAL OFFICE CODE
*****
LOWER RED LAKE *MN00573*RED LAKE RIVER *CS *DAEN NCS * 47 57.4 * 1950.0* 404.* 7.* 10.* 3985.*E 0.*E 0.
               *NCS0032*          *          * 95 16.6 *          *          *          *          *          *          *          *
               *          *          *          *          *          *          *          *          *          *
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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I N N E S O T A

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * * (1) *	NAME OF STREAM OR RIVER	* PROJ * * PUMP * * (2) *	OWNER	* LATITUDE * * LONGITUDE * * (DM,M) *	* DRAINAGE * * AREA * * (SQ MI) *	* AVERAGE * * ANNUAL * * (CFS) *	* NET * * POWER * * (PT) *	* HEIGHT * * OF * * (FT) *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MW) *	* ENERGY * * (GWH) *
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. *	* 0. *	* 0. *
	NCS0033		*	*	* 90 19.0 *	*	*	*	*	* 1.07 *	*T	* 2.3 *
MILE 5.1	*MNU0075*	DEVIL TRACK	*H*	*	* 47 48.3 *	* 65.0 *	* 17. *	* 50. *	* 50. *	* 1. *	* 0. *	* 0. *
	NCS0034		*	*	* 90 19.2 *	*	*	*	*	* .92 *	*T	* 2.0 *
MILE 2.7	*MNU0076*	CROSS	*H*	*	* 47 33.5 *	* 85.0 *	* 34. *	* 25. *	* 25. *	* 0. *	* 0. *	* 0. *
	NCS0035		*	*	* 90 54.8 *	*	*	*	*	* .85 *	*T	* 1.5 *
TEMPERANCE	*MNU0077*	TEMPERANCE	*H*	*	* 47 35.2 *	* 175.0 *	* 53. *	* 25. *	* 25. *	* 0. *	* 0. *	* 0. *
	NCS0036		*	*	* 90 53.3 *	*	*	*	*	* 1.42 *	*T	* 3.0 *
BRULE NO 3	*MNU0082*	BRULE	*H*	*	* 47 52.7 *	* 235.0 *	* 60. *	* 230. *	* 230. *	* 10. *	* 0. *	* 0. *
	NCS-IF0		*	*	* 90 4.2 *	*	*	*	*	* 23.88 *	*T	* 40.6 *
BRULE NO 4	*MNU0083*	BRULE	*H*	*	* 47 51.8 *	* 240.0 *	* 62. *	* 320. *	* 320. *	* 6. *	* 0. *	* 0. *
	NCS-IF0		*	*	* 90 3.7 *	*	*	*	*	* 33.93 *	*T	* 57.8 *
BRULE NO 5	*MNU0084*	BRULE	*H*	*	* 47 49.7 *	* 245.0 *	* 63. *	* 270. *	* 270. *	* 5. *	* 0. *	* 0. *
	NCS-IF0		*	*	* 90 3.0 *	*	*	*	*	* 29.23 *	*T	* 49.7 *
MILE 3.6	*MNU0085*	CASCADE	*H*	*	* 47 43.2 *	* 80.0 *	* 37. *	* 663. *	* 663. *	* 35. *	* 0. *	* 0. *
	NCS-IF0		*	*	* 90 32.0 *	*	*	*	*	* 23.44 *	*T	* 39.9 *
MILE 1.8	*MNU0086*	CASCADE	*H*	*	* 47 44.1 *	* 94.0 *	* 43. *	* 60. *	* 60. *	* 1. *	* 0. *	* 0. *
	NCS0037		*	*	* 90 32.0 *	*	*	*	*	* 1.89 *	*T	* 3.9 *
LOWER POPLAR	*MNU0087*	POPLAR	*H*	*	* 47 39.8 *	* 90.0 *	* 17. *	* 150. *	* 150. *	* 1. *	* 0. *	* 0. *
	NCS0038		*	*	* 90 43.2 *	*	*	*	*	* 3.55 *	*T	* 8.5 *
UPPER POPLAR	*MNU0088*	POPLAR	*H*	*	* 47 38.7 *	* 100.0 *	* 20. *	* 60. *	* 60. *	* 0. *	* 0. *	* 0. *
	NCS0039		*	*	* 90 43.0 *	*	*	*	*	* 1.97 *	*T	* 4.1 *
HIGH FALLS	*MNU0095*	PIGEON	*H*	*	* 48 .3 *	* 600.0 *	* 497. *	* 225. *	* 225. *	* 1. *	* 0. *	* 0. *
	NCS-IF0		*	*	* 89 35.9 *	*	*	*	*	* 37.79 *	*T	* 75.9 *

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PRELIMINARY ESTIMATES
POTENTIAL HYCROPOWER SITES
IN THE STATE OF MINNESOTA

(07/09/79)

PROJECT NAME	* IDENT NUMBER	* NAME OF STREAM OR RIVER	* PROJ PURP	* OWNER	* LATITUDE LONGITUDE	* DRAINAGE AREA	* AVERAGE ANNUAL INFLOW	* NET HEAD	* HEIGHT DAM	* MAXIMUM STORAGE (1000 AC FT)	* CAPACITY (MW)	* ENERGY (GWH)
	(1)		(2)		(DM.M)	(SQ MI)	(CFS)	(FT)	(FT)		(3)	(3)
COUNTY NAME: COOK					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE				
MILE 9.9	*MNU0096*	*PIGEON	*H	*	* 48 .6 *	* 580.0*	* 480.*	* 65.*	* 65.*	* 15.*U	* 0.*U	* 0.*
	NCS0040		*	*	* 89 42.6 *					*T	* 3.46*T	* 14.3
PARTRIDGE	*MNU0097*	*PIGEON	*H	*	* 47 59.7 *	* 565.0*	* 468.*	* 23.*	* 23.*	* 13.*U	* 0.*U	* 0.*
	NCS0041		*	*	* 89 50.8 *					*T	* 3.64*T	* 7.3
SOUTH FOWL LAKE	*MNU0090*	*PIGEON RIVER	*D	*CANADA	* 48 2.4 *	* 470.0*	* 389.*	* 9.*	* 12.*	* 31.*E	* 0.*E	* 0.*
	NCS0042		*	*	* 89 59.8 *					*N	* .38*N	* 1.6
COUNTY NAME: COTTONWOOD					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
WINDOM	*MNU0136*	*WEST FORK DESMOI	*	*	* 43 50.0 *	* 1110.0*	* 227.*	* 9.*	* 0.*	* 0.*U	* 0.*U	* 0.*
	NCR-IFO	*NES RIVER	*	*	* 95 5.0 *					*T	* .40*T	* .9
TALCOT LAKE	*MNU0161*	*DES MOINES RIVER*	*D	*	* 43 53.1 *	* 457.0*	* 13.*	* 8.*	* 11.*	* 9.*E	* 0.*E	* 0.*
	NCS0043		*	*	* 95 26.2 *					*N	* .22*N	* .4
COUNTY NAME: CROW WING					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
EAGLE LAKE	*MNU0048*	*DAGGETT BROOK	*D	*STATE OF MN	* 46 44.8 *	* 85.0*	* 32.*	* 4.*	* 6.*	* 7.*E	* 0.*E	* 0.*
	NCS0044		*	*	* 94 3.1 *					*N	* .08*N	* .2
ISLAND LAKE	*MNU0054*	*MUD BROOK	*D	*STATE OF MN	* 45 40.7 *	* 81.0*	* 31.*	* 4.*	* 6.*	* 5.*E	* 0.*E	* 0.*
	NCS0045		*	*	* 93 54.4 *					*N	* .08*N	* .2
PINE RIVER LAKE	*MNU0582*	*PINE RIVER	*CR	*DAEN NCS	* 46 40.1 *	* 562.0*	* 212.*	* 11.*	* 15.*	* 194.*E	* 0.*E	* 0.*
	NCS0046		*	*	* 94 6.7 *					*N	* .47*N	* 1.8
COUNTY NAME: DAKOTA					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				
LOCKS AND DAM NO 2	*MNU0594*	*MISSISSIPPI	*N	*DAEN NCS	* 44 45.6 *	* 37100.0*	* 10313.*	* 11.*	* 12.*	* 240.*E	* 0.*E	* 0.*
	NCS-IFO		*	*	* 92 52.1 *					*N	* 31.95*N	* 81.0
L E G E N D												

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: FILLMORE FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
BRIGHTDALE *MNU0132*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 *MNU0514*CANNON RIVER *R *DAKOTA + 600* 44 30.7 * 1116.0 * 414. * 44. * 58. * 25. *E 0. *E 0.
*NCS0048 * * * * * 92 56.4 * * * * * *N 3.22 *N 9.8
*****
COUNTY NAME: FREEBORN FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE
*****
ALBERT LEA LAKE *MNU0362*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 RIVE *MNU0507*MISSISSIPPI RIVE *R * * * 45 8.6 * 19100.0 * 7366. * 17. * 23. * 2. *E 0. *E 0.
R *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 *MNU0524*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 *MNU0165*PORTAGE RIVER *O * * * 46 57.8 * 155.0 * 37. * 6. * 8. * 5. *E 0. *E 0.
*NCS0053 * * * * * 95 6.0 * * * * * *N .05 *N .1
* * * * * * * * * *
STATOE LAKE *MNU0186*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 *MNU0187*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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L E G E N D

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ* * AVERAGE * NET * HEIGHT* MAXIMUM*
PROJECT NAME * NUMBER* OR RIVER * PURP* OWNER * LATITUDE * DRAINAGE* ANNUAL * POWER * OF * STORAGE* CAPACITY* ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ITASCA FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE
*****
BALL CLUB LAKE *MN00075* BALL CLUB RIVER *D * * 47 21.0 * 45.0* 47.* 5.* 7.* 158.*E 0.*E 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.*E 0.
*NCS0057* * * * 93 35.2 * * * * *N 1.84*N 7.9
* * * * *
LAKE WINNIBIGOSH *MN00586* MISSISSIPPI *CR *DAEN NCS * 47 25.8 * 1442.0* 510.* 14.* 19.* 1072.*E 0.*E 0.
ISH *NCS0058* * * * 94 3.0 * * * * *N 1.40*N 6.0
* * * * *
BLANDIN *MN00602* MISSISSIPPI *H *BLANDIN PAPE * 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 * 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-OUTLE *MN00115* HERON LAKE OUTLE *D *STATE OF MIN * 43 47.6 * 457.0* 106.* 5.* 7.* 100.*E 0.*E 0.
T *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 *D *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: KANDIYOH * FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE
*****
CROW RIVER *MN00062* CROW RIVER *D * * 45 18.0 * 53.0* 97.* 18.* 25.* 13.*E 0.*E 0.
*NCS0062* * * * 94 56.9 * * * * *N .09*N .2
* * * * *
KANDIYOH LAKE *MN00064* TR-SOUTH FORK CR *D * * 45 .5 * 97.0* 20.* 7.* 9.* 47.*E 0.*E 0.
*NCS0063* DW RIVER * * * 94 54.8 * * * * *N .06*N .1
* * * * *
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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I N N E S O T A

(07/09/79)

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*****
* AVERAGE * NET * HEIGHT * MAXIMUM *
* IDENT * NAME OF STREAM * PROJ * * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: KANDIYOHI FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE
*****
GREEN LAKE *MN00370*CRDW RIVER *O * * 45 16.0 * 168.0 * 48. * 6. * 8. * 175. *E 0. *E 0.
*NCS0064 * * * 94 52.0 * * * * * *N .09*N .2
*****
COUNTY NAME: KITTON 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: KOOCHECHINGO 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 *T * * 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 *T * * 48 27.5 * 1720.0 * 1030. * 20. * 20. * 16. *U 0. *U 0.
*NCS0069 * * * 93 36.5 * * * * * *T 3.66*T 10.5
*****
MILE 31.1 *MNU0105*LITTLE FORK *T * * 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
*****
L E G E N D

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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: KOOCHICHING					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				

RAINY LAKE	* MN00653 * * NCS0074 *	RAINY RIVER	* H *	* MN-DNT, PAPE * * R COMPANY *	48 36.4 * 93 24.1 *	15176.0 * *	9387. * *	25. * *	34. * *	4000. * *	0. * * N	0. * 47.07 * N 183.9

COUNTY NAME: LAC QUI PARLE					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				

MARSH LAKE	* MN00579 * * NCS0075 *	MINNESOTA	* C *	* DAEN NCS *	45 10.3 * 96 5.6 *	2470.0 * *	241. * *	13. * *	17. * *	121. * * N	0. * .49 * N	0. * 1.7
LAC QUI PARLE	* MN00580 * * NCS0076 *	MINNESOTA	* CR *	* DAEN NCS *	45 1.3 * 95 52.0 *	4050.0 * *	636. * *	18. * *	24. * *	123. * * N	0. * 2.28 * N	0. * 4.5
HIGHWAY 75 DAM AKE	* MN00581 * * NCS0077 *	MINNESOTA RIVER	* CR *	* DAEN NCS *	45 14.9 * 96 17.5 *	1340.0 * *	131. * *	16. * *	22. * *	123. * * N	0. * .53 * N	0. * 1.3

COUNTY NAME: LAKE					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				

MILE 4.4	* MN00078 * * NCS0078 *	MANITOU	* H *	*	47 28.8 * 91 5.9 *	65.0 * *	19. * *	60. * *	60. * *	0. * * T	0. * 1.53 * T	0. * 2.8
MILE 0.5	* MN00079 * * NCS0079 *	MANITOU	* H *	*	47 26.4 * 91 4.0 *	71.0 * *	21. * *	110. * *	110. * *	11. * * T	0. * 2.63 * T	0. * 5.3
MILE 1	* MN00080 * * NCS0080 *	BEAVER BAY	* H *	*	47 16.0 * 91 17.9 *	120.0 * *	163. * *	20. * *	20. * *	1. * * T	0. * .84 * T	0. * 1.7
GOOSEBERRY	* MN00081 * * NCS0081 *	GOOSEBERRY	* H *	*	47 8.8 * 91 28.2 *	70.0 * *	12. * *	15. * *	15. * *	0. * * T	0. * .41 * T	0. * .8
BAPTISM	* MN00089 * * NCS-IFO *	BAPTISM	* H *	*	47 21.7 * 91 13.0 *	130.0 * *	151. * *	598. * *	598. * *	1. * * T	0. * 34.35 * T	0. * 58.5
MCDUGAL LAKE	* MN00087 * * NCS0082 *	STONY RIVER	* O *	* STATE OF MN *	47 38.4 * 91 33.7 *	37.0 * *	26. * *	6. * *	8. * *	4. * * N	0. * .09 * N	0. * .2

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

(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 * (FT)	* MAXIMUM * STORAGE * AC FT	* CAPACITY * (MW)	* ENERGY * (GWH)

COUNTY NAME: LAKE					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				

WILSON LAKE	* MN00088 * NCS0083	* WILSON CREEK	* R	*	* 47 39.7 * 91 2.8	* 33.0	* 13.0	* 9.0	* 10.0	* 10.0	* 0.0	* 0.0
											* .08	* .2
WINTON	* MN00607 * NCS-IF0	* KAWISHIWI	* H	* MINN PWR + L	* 47 57.0 * 91 45.8	* 1200.0	* 956.0	* 21.0	* 41.0	* 12.0	* 4.00	* 21.7
				* T CO							* 0.0	* 0.0
PRAIRIE PORTAGE	* MN00646 * NCS0084	* RAINY RIVER	* RNC	* USDA FS	* 48 3.0 * 91 26.3	* 140.0	* 87.0	* 10.0	* 12.0	* 8.0	* 0.0	* 0.0
											* .36	* .9
GABBRO LAKE NUMB ER TWO	* MN00647 * NCS0085	* ISABELLA RIVER	* HRC	* USDA FS	* 47 51.0 * 91 37.7	* 321.0	* 264.0	* 5.0	* 7.0	* 10.0	* 0.0	* 0.0
											* .27	* .8
BIRCH LAKE	* MN00654 * NCS0086	* BIRCH RIVER	* S	* MINN POWER A	* 47 48.9 * 91 47.0	* 467.0	* 372.0	* 5.0	* 8.0	* 7.0	* 0.0	* 0.0
				* ND LIGHT							* .35	* 1.2
KAWISHIWI RIVER	* MN00655 * NCS-IF0	* KAWISHIWI RIVER	* H	* MINN POWER +	* 47 56.0 * 91 45.8	* 1200.0	* 956.0	* 6.0	* 67.0	* 14.0	* 0.0	* 0.0
				* LIGHT							* 20.52	* 44.6

COUNTY NAME: LE SUEUR					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				

TETONKA	* MN00150 * NCS0087	* BIG CANNON RIVER	* O	* STATE OF MN	* 44 13.4 * 93 34.3	* 110.0	* 55.0	* 0.0	* 9.0	* 76.0	* 0.0	* 0.0
											* .11	* .2

COUNTY NAME: MARSHALL					FERC POWER SUPPLY AREA 26			FERC REGIONAL OFFICE CODE				

THIEF LAKE	* MN00218 * NCS0088	* THIEF RIVER	* H	*	* 48 29.2 * 94 49.1	* 61.0	* 8.0	* 12.0	* 16.0	* 64.0	* 0.0	* 0.0
											* .06	* .1
POOL TWENTY ONE	* MN00625 * NCS0089	* MUD RIVER	* O	* DOI BSW	* 48 22.2 * 95 53.3	* 159.0	* 22.0	* 8.0	* 8.0	* 5.0	* 0.0	* 0.0
											* .08	* .1
POOL TWENTY FIVE	* MN00629 * NCS0090	* WEBSTER CREEK	* O	* DOI BSW	* 48 22.2 * 95 56.6	* 171.0	* 24.0	* 5.0	* 7.0	* 7.0	* 0.0	* 0.0
											* .07	* .1

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

(07/09/79)

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

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

(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 * * (CF8)	* NET * * POWER * * HEAD * * (FT)	* HEIGHT* * OF * * DAM * * (FT)	* MAXIMUM* * STORAGE* * (1000 * * AC FT)	* CAPACITY* * (MW)	* ENERGY * (GWH)
COUNTY NAME: MORRISON					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
TOPEKA ISLAND	*MNU0118*	MISSISSIPPI	*H		* 46 5.1 *	* 9910.0*	* 3706.*	* 20.*	* 20.*	* 3.*U	* 0.*	* 0.*
	NCS0099				* 94 20.0 *					*T	* 17.74*	* 64.3
CROW WING RIVER	*MN00608*	CROW WING RIVER	*H	*MINN PWR + L	* 46 18.9 *	* 3154.0*	* 1483.*	* 22.*	* 30.*	* 6.*E	* 1.52*	* 9.3
	NCS-IF0			*T CO	* 94 29.1 *					*N	* 1.82*	* 2.5
COUNTY NAME: OTTER TAIL					FERC POWER SUPPLY AREA 16		FERC REGIONAL OFFICE CODE					
PRAIRIE LAKE	*MN00192*	PELICAN RIVER	*O		* 46 35.3 *	* 260.0*	* 63.*	* 7.*	* 10.*	* 16.*E	* 0.*	* 0.*
	NCS0101				* 96 4.3 *					*N	* .08*	* .2
LIZZIE LAKE	*MN00193*	PELICAN RIVER	*O		* 46 36.7 *	* 167.0*	* 52.*	* 6.*	* 8.*	* 23.*E	* 0.*	* 0.*
	NCS0102				* 96 1.9 *					*N	* .05*	* .1
HOGY LAKE	*MN00194*	OTTER TAIL RIVER	*H		* 46 17.5 *	* 615.0*	* 434.*	* 52.*	* 70.*	* 3.*E	* 1.00*	* 2.5
	NCS0103				* 96 2.6 *					*N	* .22*	* 1.2
DAYTON HOLLOW	*MN00196*	OTTER TAIL RIVER	*H	*DAYTON-PCLLD	* 46 13.8 *	* 1820.0*	* 543.*	* 26.*	* 35.*	* 4.*E	* 0.*	* 0.*
	NCS-IF0			*H	* 96 7.0 *					*N	* 1.50*	* 5.3
OTTER TAIL RIVER	*MN00199*	OTTER TAIL RIVER	*H		* 46 22.9 *	* 400.0*	* 58.*	* 15.*	* 20.*	* 2.*E	* 0.*	* 0.*
	NCS0104				* 96 2.4 *					*N	* .24*	* .7
OTTER TAIL LAKE	*MN00209*	OTTER TAIL RIVER	*O	*MR EVENSON	* 46 21.6 *	* 550.0*	* 108.*	* 6.*	* 8.*	* 557.*E	* 0.*	* 0.*
	NCS0105				* 95 44.0 *					*N	* .13*	* .4
RUSH LAKE	*MN00211*	OTTER TAIL RIVER	*O		* 46 28.5 *	* 402.0*	* 79.*	* 6.*	* 8.*	* 72.*E	* 0.*	* 0.*
	NCS0106				* 95 35.4 *					*N	* .09*	* .3
PINE LAKE BIG	*MN00212*	OTTER TAIL RIVER	*O		* 46 35.5 *	* 330.0*	* 65.*	* 4.*	* 6.*	* 92.*E	* 0.*	* 0.*
	NCS0107				* 95 30.3 *					*N	* .08*	* .2
ORWELL LAKE	*MN00574*	OTTER TAIL RIVER	*CS	*DAEN NCS	* 46 13.0 *	* 1830.0*	* 263.*	* 36.*	* 49.*	* 28.*E	* 0.*	* 0.*
	NCS0108				* 96 10.8 *					*N	* 2.04*	* 7.4

L E G E N D

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MINNESOTA

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * (AC FT) * (3) * (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 *MNU0500*SNAKE RIVER *D *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 3.60*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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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P W E R S I T E S
I N T H E S T A T E O F M I N N E S O T A

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (MW) * (GWH)
*****
COUNTY NAME: RICE FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE
*****
CANNON RIVER *MNU0353*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 *MNU0516*ELK RIVER *H *ELK RIVER MU* 45 18.2 * 610.0* 248.* 11.* 15.* 3.*E 0.*E 0.
*NCS0112* *N UTJL * 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.* 28.* 28.* 8.*U 0.*U 0.
*NCS0114* * * 92 46.6 * * * * *T 4.03*T 13.1
*****
MILE 76.5 *MNU0092*ST LOUIS *H * * 47 18.5 * 881.0* 589.* 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*CLOUQUET *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*CLOUQUET *H * * 46 57.0 * 698.0* 120.* 45.* 45.* 21.*U 0.*U 0.
*NCS0119* * * 92 28.8 * * * * *T 2.66*T 11.5
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(07/09/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ PURP	OWNER	*LATITUDE* *LONGITUDE*	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH)

COUNTY NAME: ST LOUIS												

MILE 32.4	MNU0100	CLOQUET	H		47 1.7	438.0	75.	35.	35.	4.	0.	0.
	NCS0138				92 5.3						2.88	7.4
CHAIN LAKES	MNU0109	VERMILION	H		48 3.6	610.0	378.	90.	90.	131.	0.	0.
	NCS0139				92 28.6						4.91	21.2
RICE BEDS	MNU0110	VERMILLION	H		48 15.5	910.0	563.	33.	33.	44.	0.	0.
	NCS0140				92 34.5						3.61	12.7
CRANE LAKE	MNU0111	VERMILION	H		48 16.4	927.0	574.	55.	55.	3.	0.	0.
	NCS0141				92 30.8						4.44	19.4
WOLF LAKE	MNO0003	WOLF CREEK	R	STATE OF MN	47 17.6	45.0	29.	8.	11.	4.	0.	0.
	NCS0120				91 56.1						.15	.3
ELY LAKE	MNO0005	TR-ST LOUIS RIVE	R	STATE OF MN	47 26.6	224.0	38.	5.	6.	61.	0.	0.
	NCS0121	R			92 28.4						.27	.5
PIKE RIVER	MNO0092	PIKE RIVER	R	CITY OF TOWE	47 47.5	130.0	85.	16.	22.	3.	0.	0.
	NCS0122		R		92 22.1						.52	.9
KETTLE FALLS	MNO0093	TR-RAINY RIVER	S	MN AND ONTAR	48 30.0	13993.0	8656.	15.	20.	703.	0.	0.
	NCS0123			IO POWER CO.	92 38.3						27.86	101.6
ST LOUIS RIVER	MNO0094	ST LOUIS RIVER	S	OGLEBAY NORT	47 22.2	713.0	578.	14.	19.	2.	0.	0.
	NCS0124			ON COMPANY	92 34.1						1.73	4.7
STURGEON LAKE	MNO0095	STURGEON RIVER	R	STATE OF MN	47 39.6	95.0	59.	6.	8.	76.	0.	0.
	NCS0125				93 1.0						.13	.2
PELICAN LAKE	MNO0097	PELICAN RIVER	D	STATE OF MN	48 2.0	59.0	14.	7.	10.	241.	0.	0.
	NCS0126				92 49.9						.10	.2
WYNNE LAKE	MNO0098	EMBRASS RIVER	D	STATE OF MN	47 32.3	98.0	38.	9.	12.	8.	0.	0.
	NCS0127				92 18.8						.22	.4

LEGEND

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

(07/09/79)

PROJECT NAME	* IDENT NUMBER (1)	* NAME OF STREAM CR RIVER	* PROJ PLRP (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.*	0.*	0.*
	NCS0128		*	*	* 92 23.0 *		*	*	*	*N	.23*N	.4
BEAR ISLAND	*MN00369*	TR-BEAR ISLAND	*R	*	* 47 47.4 *	46.0*	28.*	5.*	6.*	91.*	0.*	0.*
	NCS0129	IVER	*	*	* 91 55.4 *		*	*	*	*N	.05*N	.1
WHITEFACE LAKE	*MN00610*	SKUNK + WHITEFACE	*O	*MINN PWR +	*L 47 16.8 *	116.0*	71.*	27.*	36.*	110.*	0.*	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.*	0.*	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.*	0.*	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.*	0.*	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.*	0.*	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.*	0.*	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.*	0.*	0.*
	NCS0135		*	*	* 94 10.5 *		*	*	*	*T	18.29*T	49.0
CLEARWATER	*MNU0121*	MISSISSIPPI	*H	*	* 45 25.7 *	13465.0*	4835.*	29.*	29.*	53.*	0.*	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.*	3.17*	10.0
	NCS0136		*	*PER CO.	* 94 12.2 *		*	*	*	*N	19.15*N	59.6

LEGEND												

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(07/09/79)

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STATE OF MISSOURI

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

***** * H * C * M * * E * U * T * W * * A * M * O * * D * U * T * A * * I * L * A * N * * N * A * L * D * * F * T * S * * E * I * G * * E * V * I * W * * T * E * N * H * *****																
POTENTIAL INCREMENTAL CAPACITY RANGES																
.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL				
INST*	INCR*	POTEN*	INCR*	INST*	INCR*	POTEN*	INCR*	INST*	INCR*	POTEN*	INCR*	INST*	INCR*	POTEN*	INCR*	INST*
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*	INST*
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
* NUMBER*	1*	1*	2*	3**	0*	0*	0*	0**	0*	6*	0*	6**	1*	7*	2*	9*
* 0-19 *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**
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
* NUMBER*	1*	16*	33*	49**	1*	0*	0*	0**	0*	1*	2*	3**	2*	17*	35*	52*
* 20-49 *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**
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
* NUMBER*	0*	11*	42*	53**	0*	1*	5*	6**	3*	2*	7*	9**	3*	14*	54*	68*
* 50-99 *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**
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
* NUMBER*	0*	3*	16*	19**	0*	1*	3*	4**	1*	0*	8*	8**	1*	4*	27*	31*
* >100 *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*	528**
* ENERGY*	0.0*	19.2*	225*	245**	0.0*	38.4*	148*	185**	495*	0.0*	821*	821**	495*	57.6*	1194*	1292**
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
* NUMBER*	2*	31*	93*	124**	1*	2*	8*	10**	4*	9*	17*	26**	7*	42*	118*	160*
* TOTAL *CAPCTY*	4.5*	22.0*	227*	249**	16.0*	44.8*	150*	194**	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)

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

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *          *          *
*  NUMBER *   OR RIVER    * PURP * OWNER   * LONGITUDE *   AREA   * ANNUAL  * POWER * OF   * STORAGE * CAPACITY * ENERGY
*  (1)   *                * (2)  *        * (DM,M)  * (SQ MI) * (CFS)  * (FT)  * (FT) * AC FT) * (3)  * (3)
*****
COUNTY NAME: ANDREW                                FERC POWER SUPPLY AREA 17    FERC REGIONAL OFFICE CODE CH
*****
*          *          *          *          *          *          *          *          *          *
*  AVE CITY DAMS * MOU0158 * 102 RIVER *          * 39 52.1 * 737.0 * 325. * 60. * 81. * 550. * U 0. * U 0.
*  ITE          * MRK0056 *          *          * 94 44.9 *          *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *
*  COSBY DAMSITE * MOU0168 * PLATTE RIVER *          * 39 52.0 * 678.0 * 300. * 55. * 74. * 506. * U 0. * U 0.
*          * MRK0057 *          *          * 94 41.6 *          *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *
*  NEW POINT RES * MOU0183 * NODAWAY RIVER *          * 40 4.0 * 773.0 * 313. * 43. * 58. * 515. * U 0. * U 0.
*          * MRK0058 *          *          * 95 3.7 *          *          *          *          *          *          *          *
*****
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. * U 0.
*          * SWL0105 *          *          * 93 34.0 *          *          *          *          *          *          *          *
*****
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. * U 0.
*          * MRK0059 *          *          * 94 24.6 *          *          *          *          *          *          *          *
*****
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 160.60 * E 282.0
*          * MRK0060 *          *          *          * 93 23.9 *          *          *          *          *          *          *          *
*****
COUNTY NAME: BOLLINGER                            FERC POWER SUPPLY AREA 25    FERC REGIONAL OFFICE CODE FW
*****
*          *          *          *          *          *          *          *          *          *
*  M- NONAME 90098 * MOU0098 * CASTOR RIVER *          * 37 14.2 * 249.0 * 302. * 90. * 100. * 0. * U 0. * U 0.
*          * LMS0033 *          *          *          * 90 12.2 *          *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *
*  MD NONAME 90101 * MOU0101 * CASTOR RIVER *          * 37 9.4 * 376.0 * 456. * 110. * 120. * 0. * U 0. * U 0.
*          * LMS0034 *          *          *          * 90 9.3 *          *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *
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L E G E N D

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

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * * (DM,M) * (SQ MI) * (CF8) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: BUTLER FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW
*****
POPLAR BLUFF *MDU0146*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 *MDU0198*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
*****
BRAYNER DAMSITE *MDU0161*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 *MD30205*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
*****
NO NAME 90095 *MDU0095*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
* * * * * * * * * * * * * * * *
NO NAME 90106 *MDU0106*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 *MDU0143*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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O=DEBRIS CONTROL, P=FARM POND, Q=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)

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CASS FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE CH
*****
FREEMAN RES *MOU0172* 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 *MOU0174* CEDAR CREEK * * * 37 51.4 * 415.0 * 293. * 61. * 82. * 220. * U 0. * U 0.
RES *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 *MOU0197* FINLEY CREEK * C R * * 37 3.0 * 163.0 * 145. * 78. * 105. * 109. * U 0. * U 0.
*SWLO109* * * * 93 9.5 * * * * * * * * T 2.27 * T 5.4
COUNTY NAME: CLAY FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
SMITHVILLE DAM *MOU0139* 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 *MOU0130* 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
*****
L E G E N D

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

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CRAWFORD FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
MO NNAME 90062 *MOU0062*HERAMEC RIVER * * * 37 57.3 * 349.0* 251.* 110.* 120.* 0.*U 0.*U 0.
* * * 91 31.3 * * * * * * * *T 4.57*T 13.7
* * * * *
MO NNAME 90066 *MOU0066*HERAMEC RIVER * * * 37 53.3 * 290.0* 219.* 70.* 80.* 0.*U 0.*U 0.
* * * 91 29.7 * * * * * * * *T 2.55*T 8.1
* * * * *
MO NNAME 90067 *MOU0067*HERAMEC RIVER * * * 37 49.2 * 198.0* 149.* 130.* 140.* 0.*U 0.*U 0.
* * * 91 25.9 * * * * * * * *T 3.23*T 10.3
* * * * *
MO NNAME 90071 *MOU0071*HERAMEC RIVER * * * 37 59.1 * 764.0* 550.* 90.* 100.* 0.*U 0.*U 0.
* * * 91 23.1 * * * * * * * *T 7.65*T 24.1
* * * * *
MO NNAME 90073 *MOU0073*HUZZAH CREEK * * * 37 58.5 * 255.0* 192.* 150.* 160.* 0.*U 0.*U 0.
* * * 91 12.3 * * * * * * * *T 4.43*T 14.9
* * * * *
INDIAN HILLS LAK *MO30075*BRUSH CREEK *R * * 38 6.0 * 20.0* 16.* 46.* 53.* 7.*E 0.*E 0.
E * * * 91 30.0 * * * * * * * *N .23*N .3
*****
COUNTY NAME: DADE FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE FW
*****
GOLDEN CITY RESE *MOU0115*NORTH FORK * * * 37 22.5 * 52.0* 42.* 61.* 61.* 0.*U 0.*U 0.
RVOIR * * * 94 4.5 * * * * * * * *T .69*T 1.2
* * * * *
GOLDEN CITY RESE *MOU0278*NORTH FORK *C *DAEN SWT * 37 22.5 * 52.0* 42.* 45.* 61.* 65.*U 0.*U 0.
RVOIR * * * 94 4.5 * * * * * * * *T .51*T .9
* * * * *
GOLDEN CITY RESE *MO00115*NORTH FORK *C *DAEN SWT * 37 22.5 * 52.0* 42.* 45.* 61.* 65.*E 0.*E 0.
RVOIR * * * 94 4.5 * * * * * * * *N .51*N .9
*****
COUNTY NAME: DAVIESS FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
PATTONSBURG DAM *MOU0135*GRAND RIVER *HC * * 39 58.0 * 2232.0* 1082.* 77.* 98.* 1040.*U 0.*U 0.
* * * 93 59.0 * * * * * * * *T 32.97*T 40.9
* * * * *
*****
L E G E N D

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: DE KALB FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE CH
*****
CLARKSDALE DAMSI*MOU0165*THIRD FORK * 39 49.4 * 94.0* 42.* 33.* 45.* 70.*U 0.*U 0.
TE *MRK0071* * 94 36.3 * * * * * *T .60*T .6
*****
COUNTY NAME: DENT FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
MO NONAME 90069 *MOU0069*MERAMEC RIVER * 37 42.6 * 134.0* 101.* 90.* 100.* 0.*U 0.*U 0.
* LMS0043* * 91 26.9 * * * * * *T 1.77*T 5.0
*****
COUNTY NAME: FRANKLIN FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
MO NONAME 90055 *MOU0055*BOURBEUSE RIVER * 38 27.6 * 2716.0* 2151.* 30.* 40.* 0.*U 0.*U 0.
* LMS0044* * 90 46.7 * * * * * *T 5.99*T 28.2
*****
MO NONAME 90058 *MOU0058*MERAMEC RIVER * 38 16.9 * 1557.0* 1233.* 70.* 80.* 0.*L 0.*U 0.
* LMS0045* * 90 57.9 * * * * * *T 22.40*T 50.6
*****
MO NONAME 90059 *MOU0059*INDIAN CREEK * 38 15.2 * 153.0* 115.* 110.* 120.* 0.*U 0.*U 0.
* LMS0046* * 90 56.7 * * * * * *T 2.36*T 6.9
*****
COUNTY NAME: GREENE FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE FW
*****
KINSER BRIDGE *MOU0199*JAMES RIVER *SR * 37 7.5 * 245.0* 235.* 81.* 110.* 180.*U 0.*U 0.
* SWL0111* * 93 13.0 * * * * * *T 3.36*T 9.7
*****
LAKE SPRINGFIELD*MO20023*JAMES RIVER *H3RO *CITY OF SPRI* 37 6.7 * 270.0* 259.* 21.* 25.* 2.*E 0.*E 0.
* SWL0112* * * *NGFIELD * 93 15.8 * * * * * *N 1.28*N 3.0
*****
FELLOWS LAKE *MO20036*LITTLE SAC RIVER*SR *CITY OF SPRI* 37 18.9 * 203.0* 18.* 81.* 95.* 28.*E 0.*E 0.
* MRK0072* * * *NGFIELD * 93 13.8 * * * * * *N 2.72*N 6.8
*****
MCDANIEL LAKE *MO20038*LITTLE SAC RIVER*SR *CITY OF SPRI* 37 17.7 * 16.0* 14.* 34.* 44.* 4.*E 0.*E 0.
* MRK0073* * * *NGFIELD * 93 18.8 * * * * * *N .12*N .1
*****

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: GRUNDY FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
TRENTON DAMSITE *MOU0190*THOMPSON RIVER * * * 40 7.5 * 1079.0* 925.* 68.* 92.* 1675.*U 0.*U 0.
*MRK0074* * * * 93 41.1 * * * * * * * *T 5.41*T 13.4
*****
COUNTY NAME: HENRY FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE CH
*****
MONTROSE LAKE *MO20151*DEEPWATER CREEK *H *KANSAS CITY * 38 18.4 * 67.0* 49.* 36.* 45.* 21.*E 0.*E 0.
*MRK0075* * * * *POWER + LIGH* 93 55.0 * * * * * * * *N .61*N .8
*****
COUNTY NAME: HICKORY FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE CH
*****
POMME DE TERRE L *MO30201* POMME DE TERRE *CHN *DAEN MRK * 37 54.1 * 611.0* 365.* 111.* 150.* 650.*E 0.*E 0.
AKE *MRK0076*RIVER * * * * 93 19.2 * * * * * * * *N 5.00*N 18.7
*****
COUNTY NAME: HOWELL FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE FW
*****
ARROW HEAD DAM *MO30079*SPRING CREEK *R *E. T. STOKES* 36 54.3 * 11.8* 12.* 26.* 33.* 2.*E 0.*E 0.
*SWL0113* * * * * 92 6.0 * * * * * * * *N .08*N .1
*****
COUNTY NAME: IRON FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW
*****
BIG CR. DAM *MOU0211*BIG CREEK * * * 37 14.9 * 188.0* 228.* 190.* 190.* 0.*U 0.*U 0.
*LMM0011* * * * 90 30.3 * * * * * * * *T 3.67*T 15.7
*****
LAKE KILLARNEY D *MO30012*STOUTS CREEK *R *J. R. AND J.* 37 35.4 * 52.1* 57.* 26.* 33.* 1.*E 0.*E 0.
AM *LMM0012* * * * *E. GUERTIN * 90 33.8 * * * * * * * *N .45*N .7
*****
COUNTY NAME: JACKSON FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE CH
*****
BLUE SPRINGS DAM *MOU0160*EAST FURK LITTLE*CR *DAEN MRK * 39 1.0 * 34.0* 24.* 41.* 55.* 28.*U 0.*U 0.
*MRK0077* BLUE RIVER * * * * 94 20.2 * * * * * * * *T .23*T .4
*****
L E G E N D

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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 MISSOURI

(07/09/79)

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 * * POWER * * HEAD * * (FT) *	* HEIGHT * * OF * * 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	*CRD	*DAEN MRK	* 38 55.6 *	50.0*	46.*	70.*	95.*	50.*U	0.*U	0.
	MRK0078				* 94 28.1 *					*T	.78*T	1.2
LAKE JACOMO	*MO10045*	EAST FORK LITTLE R	*JACKSON COUN	*TY	* 38 59.6 *	14.0*	9.*	48.*	57.*	24.*E	0.*E	0.
	MRK0079	BLUE RIVER			* 94 18.4 *					*N	.15*N	.1
LAKE LOTAWANA	*MO20040*	SNIPBAR CREEK	*R	*LAKE ASSOCIA	* 38 56.2 *	20.0*	13.*	37.*	49.*	9.*E	0.*E	0.
	MRK0080			*TION	* 94 14.8 *					*N	.16*N	.2
LAKEWOOD LAKE	*MO20242*	MAY BROOK	*R		* 38 59.8 *	11.0*	7.*	68.*	84.*	3.*E	0.*E	0.
	MRK0081				* 94 22.5 *					*N	.16*N	.2
COUNTY NAME: JASPER					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FH					
DRY FORK RESERVOIR	*MOU0114*	DRY FORK	*C	*DAEN SWT	* 37 16.5 *	79.0*	59.*	55.*	75.*	6.*U	0.*U	0.
	SWT0252				* 94 17.0 *					*T	.93*T	1.0
NECK CITY RESERVOIR	*MOU0119*	NORTH FORK SPRING	*CSRO	*DAEN SWT	* 37 16.0 *	988.0*	734.*	64.*	86.*	382.*U	0.*U	0.
	SWT0253	G RIVER			* 94 28.0 *					*T	3.74*T	14.9
PROSPERITY RESERVOIR	*MOU0121*	CENTER CREEK	*CSR	*DAEN SWT	* 32 7.0 *	207.0*	176.*	59.*	80.*	71.*U	0.*U	0.
	SWT0254				* 94 21.5 *					*T	2.12*T	5.5
TURKEY CREEK RESERVOIR	*MOU0123*	TURKEY CREEK			* 37 6.0 *	16.0*	13.*	78.*	78.*	0.*U	0.*U	0.
	SWT0255				* 94 28.0 *					*T	.21*T	.4
WACO RESERVOIR	*MOU0125*	DRY FORK SPRING	*CS	*DAEN SWT	* 37 15.5 *	1150.0*	854.*	51.*	69.*	300.*U	0.*U	0.
	SWT0256	RIVER			* 94 33.0 *					*T	3.50*T	13.9
TURKEY CREEK RESERVOIR	*MO00123*	TURKEY CREEK	*C	*DAEN SWT	* 37 6.0 *	16.0*	12.*	58.*	78.*	20.*E	0.*E	0.
	SWT0257				* 95 14.0 *					*N	.19*N	.2

L E G E N D

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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 *MOU0164*WEST FORK POST O * * * 38 40.3 * 27.0* 22.* 24.* 32.* 7.*U 0.*U 0.
ITE *MRK0082*AK CREEK * * * 93 51.6 * * * * *T .20*T .3
*****
COLUMBUS DAMSITE *MOU0167*NORTH FORK 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 *MOU0181*CLEAR FORK BLACK * * * 38 43.2 * 69.0* 56.* 38.* 51.* 38.*U 0.*U 0.
ITE *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
*****
L E G E N D

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LEWIS FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE
*****
MISSISSIPPI RIVE*MO10303*MISSISSIPPI RIVE*N *CAEN NCR * 40 8.6 * 134000.0* 71074.* 5.* 32.* 58.*E 0.*E 0.
R LOCK + DAM'20 *NCR0077*R * 91 30.7 * * * * *N 59.26*N 242.9
*****
COUNTY NAME: LINCOLN FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
MO NQNAME 90033 *MOU0033*QUIVRE RIVER * * * 39 .3 * 921.0* 662.* 90.* 100.* 0.*U 0.*U 0.
*LM30049* * 90 58.1 * * * * *T 15.86*T 22.3
*****
MO NQNAME 90034 *MOU0034*QUIVRE RIVER * * * 38 57.2 * 978.0* 703.* 30.* 40.* 0.*U 0.*U 0.
*LM30050* * 90 55.1 * * * * *T 3.27*T 6.2
*****
POOL 25 *MO10301*MISSISSIPPI *NR * 39 0. * 142000.0* 82155.* 12.* 41.* 176.*E 0.*E 0.
*LM30051* * 90 42.0 * * * * *N 169.26*N 677.4
*****
COUNTY NAME: LINN FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
BROOKFIELD DAMSI*MOU0162*WEST YELLOW CREE* * * 39 50.6 * 140.0* 105.* 63.* 85.* 300.*U 0.*U 0.
TE *MRK0088*K * 93 4.8 * * * * *T 1.67*T 2.1
*****
LINNEUS DAMSITE *MOU0177*LOCUST CREEK * * 39 55.0 * 546.0* 326.* 59.* 80.* 1035.*U 0.*U 0.
*MRK0089* * 93 13.9 * * * * *T 3.34*T 5.9
*****
ST CATHERINE DAM*MOU0188*EAST YELLOW CREE* * 39 48.5 * 118.0* 92.* 63.* 85.* 255.*U 0.*U 0.
SITE *MRK0090*K * 92 57.9 * * * * *T 1.48*T 1.8
*****
COUNTY NAME: LIVINGSTON FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
CHILLICOTHE DAM *MOU0134*GRAND RIVER *H * 39 42.0 * 4860.0* 2992.* 43.* 50.* 1521.*U 0.*U 0.
*MRK0091* * 92 21.0 * * * * *T 52.96*T 77.0
*****
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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I S S O U R I

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * CAPACITY * ENERGY
* (1) * * (2) * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3) * (GWH)
*****
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.
*LS0052* RIVER * 92 13.6 * * * * * *T 2.02*T 3.0
* * * * *
MO NONAME 90012 *MOU0012*SOUTH FORK SALT * 39 22.2 * 304.0* 207.* 30.* 40.* 0.*U 0.*U 0.
*LS0053*RIVER * 91 47.2 * * * * * *T 1.73*T 2.5
*****
COUNTY NAME: MORGAN                FERC POWER SUPPLY AREA 15    FERC REGIONAL OFFICE CODE CH
*****
SYRACUSE DAMSITE*MOU0149*RICHLAND CREEK * 38 39.3 * 138.0* 105.* 40.* 66.* 76.*U 0.*U 0.
*MRK0095* * 92 56.5 * * * * * *T 1.53*T 2.1
*****
COUNTY NAME: NEWTON                FERC POWER SUPPLY AREA 34    FERC REGIONAL OFFICE CODE FW
*****
GRANBY RESERVOIR*MOU0116*SHOAL CREEK *CSRQ *DAEN SWT * 36 56.5 * 250.0* 239.* 90.* 130.* 377.*U 0.*U 0.
*SWT0258* * 94 15.0 * * * * * *T 3.96*T 12.5
* * * * *
JORDIN 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 3.05*T 8.9
* * * * *
LOST CREEK SITE *MOU0214*LOST CREEK *C *SCS DUA * 36 51.0 * 10.0* 8.* 37.* 50.* 3.*U 0.*U 0.
' A-1 *SWT0260* * 94 33.0 * * * * * *T .06*T .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 2.99*T 9.1
* * * * *
SMACKOUT RESERVOIR*MOU0280*SHOAL CREEK *C *DAEN SWT * 36 54.5 * 141.0* 135.* 64.* 113.* 182.*U 0.*U 0.
*SWT0262* * 94 8.0 * * * * * *T 2.36*T 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 .54*T 1.0
* * * * *

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
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 FH
*****
RIVERTON *MOU0140* ELEVEN POINT RIV * * * * * 36 49.0 * 793.0 * 761. * 125. * 125. * 0. *U 0. *U 0.
*SWL0114* EH * * * * * 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 FH
*****
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.
*LSN0054* * * * * 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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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 *P* INFLOW (CF3)	* NET HEAD (F")	* HEIGHT DAM (FT)	* MAXIMUM STORAGE AC FT	* ENERGY CAPACITY (3)	* ENERGY (GWH) (3)

COUNTY NAME: PETTIS												

MISSION DAMSITE												
	MOU0180	*HEATHS CREEK	*	*	* 38 53.0 *	* 36.0 *	* 29. *	* 51. *	* 42. *	* 10. *	* 0. *	* 0. *
	MRK0100		*	*	* 93 15.4 *					* *T	* .18 *T	* .2

SEDALIA DAMSITE												
	MOU0185	*FLAT CREEK	*	*	* 38 37.6 *	* 129.0 *	* 105. *	* 39. *	* 53. *	* 72. *	* 0. *	* 0. *
	MRK0101		*	*	* 93 18.0 *					* *T	* 1.21 *T	* 1.6

SITE B DAM												
	MOU0186	*FLAT CREEK	*	*	* 38 34.1 *	* 61.0 *	* 49. *	* 38. *	* 51. *	* 48. *	* 0. *	* 0. *
	MRK0102		*	*	* 93 21.4 *					* *T	* .51 *T	* .8

SPRING FORK DAMSITE												
	MOU0187	*SPRING FORK RIVE	*	*	* 38 37.3 *	* 35.0 *	* 28. *	* 39. *	* 51. *	* 17. *	* 0. *	* 0. *
	MRK0103	*R	*	*	* 93 14.5 *					* *T	* .32 *T	* .5

WALNUT GROVE DAMSITE												
	MOU0191	*LITTLE MUDDY CRE	*	*	* 38 46.3 *	* 25.0 *	* 20. *	* 27. *	* 37. *	* 7. *	* 0. *	* 0. *
	MRK0104	*EK	*	*	* 93 17.3 *					* *T	* .14 *T	* .3

COUNTY NAME: PHELPS												

MO NDNAME 90061												
	MOU0061	*NORMAN CREEK	*	*	* 38 58.4 *	* 369.0 *	* 265. *	* 90. *	* 100. *	* 0. *	* 0. *	* 0. *
	LMS0055		*	*	* 91 31.4 *					* *T	* 4.10 *T	* 7.3

MO NDNAME 90063												
	MOU0063	*NORMAN CREEK	*	*	* 37 55.4 *	* 344.0 *	* 259. *	* 90. *	* 100. *	* 0. *	* 0. *	* 0. *
	LMS0056		*	*	* 91 35.0 *					* *T	* 3.71 *T	* 12.2

MO NDNAME 90064												
	MOU0064	*DRY FORK	*	*	* 37 50.6 *	* 226.0 *	* 170. *	* 80. *	* 80. *	* 0. *	* 0. *	* 0. *
	LMS0057		*	*	* 91 41.1 *					* *T	* 2.11 *T	* 6.4

RICH FOUNTAIN DAM												
	MOU0127	*GASCONADE RIVER	*HC	*	* 38 22.1 *	* 3223.0 *	* 2825. *	* 58. *	* 78. *	* 1078. *	* 0. *	* 0. *
	MRK0105		*	*	* 91 49.5 *					* *T	* 51.37 *T	* 108.4

ARLINGTON DAM												
	MOU0128	*GASCONADE RIVER	*HC	*	* 37 56.0 *	* 2580.0 *	* 2260. *	* 39. *	* 120. *	* 769. *	* 0. *	* 0. *
	MRK0106		*	*	* 92 51.0 *					* *T	* 57.09 *T	* 109.8

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

(07/09/79)

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*****
*   IDENT   * NAME OF STREAM * PROJ*   *   AVERAGE * NET * HEIGHT* MAXIMUM*   *
PROJECT NAME * NUMBER*   OR RIVER * PURP*   OWNER * LATITUDE * DRAINAGE* ANNUAL * POWER * OF * STORAGE* CAPACITY* ENERGY
*   (1)   *   *   *   (2) *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*****
COUNTY NAME: PIKE                                FERC POWER SUPPLY AREA 15    FERC REGIONAL OFFICE CODE CH
*****
MO NO NAME 90020 *MOU0020*SALT RIVER      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*LMS0058*       *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
POOL 24         *MO10300*MISSISSIPPI RIVE*NR *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*LMS0059*R      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
COUNTY NAME: PULASKI                            FERC POWER SUPPLY AREA 34    FERC REGIONAL OFFICE CODE CH
*****
RICHLAND DAM   *MOU0129*GASCONADE RIVER *HC *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*MRK0107*      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
COUNTY NAME: RALLS                              FERC POWER SUPPLY AREA 15    FERC REGIONAL OFFICE CODE CH
*****
MO NO NAME 90016 *MOU0016*SPENCER CREEK   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*LMS0060*       *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
MO NO NAME 90017 *MOU0017*SALT RIVER      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*LMS0061*       *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
MO NO NAME 90018 *MOU0018*SPENCER CREEK   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*LMS0062*       *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
CLARENCE CANNON *MOU0300*SALT RIVER      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
DAM             *LMS0063*       *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
MISSISSIPPI RIVE*MO10305*MISSISSIPPI RIVE*N *DAEN NCR * 39 38.3 * 137500.0* 72931.* 8.* 27.* 80.*E 0.*E 0.
R LOCK + DAM #22*MR0079*R      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
COUNTY NAME: RANDOLPH                          FERC POWER SUPPLY AREA 15    FERC REGIONAL OFFICE CODE CH
*****
THOMAS HILL RESE*MO10134*MIDDLE FORK CHAR*SR *ASSOC. ELECT* 39 33.1 * 147.0* 87.* 38.* 52.* 86.*E 0.*E 0.
RVOIR           *MRK0108*ITON RIVER      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*****
L E G E N D

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

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSOURI

(07/09/79)

```

*****
* IDENT * NAME OF STREA * PRCJ *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * NET * HEIGHT * MAXIMUM *
* (1) * * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * * (3) * (3)
*****
COUNTY NAME: RAY FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
EAST FORK DAMSIT*MOU0170*EAST FORK FISHIN* * * * 39 21.0 * 19.0* 11.* 88.* 119.* 27.*U 0.*U 0.
E *MRK0109*G RIVER * * * * 94 12.4 * * * * * * *T .36*T .4
* * * * * * * * * * * * * * * *
MONDNONE 165 *MO10580* FISHING RIVER *R * * * 39 21.4 * 18.0* 13.* 56.* 70.* 3.*E 0.*E 0.
*MRK0110* * * * * 94 11.6 * * * * * * *N .19*N .2
*****
COUNTY NAME: REYNOLDS FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE FW
*****
RIVERSIDE *MOU0148*BLACK RIVER * * * * 37 20.3 * 484.0* 568.* 117.* 117.* 0.*U 0.*U 0.
*SWL0119* * * * * 90 47.0 * * * * * * *T 17.91*T 38.3
* * * * * * * * * * * * * * * *
LESTERVILLE *MOU0149*MIDDLE FORK BLAC* * * * 37 28.0 * 320.0* 376.* 115.* 115.* 0.*U 0.*U 0.
*SWL0120*K RIVER * * * * 90 52.5 * * * * * * *T 6.14*T 21.0
* * * * * * * * * * * * * * * *
TAUM SAUK LOWER *MO30041*EAST FORK BLACK *H *UNION ELECT* 37 29.8 * 94.5* 106.* 44.* 60.* 12.*E 0.*E 0.
DAM *SWL0121*RIVER * * * * 90 49.6 * * * * * * *N 1.08*N 2.8
* * * * * * * * * * * * * * * *
MO NNAME 51 DAM*MO30166*ADAIR CREEK *O * * * 37 22.2 * 5.8* 6.* 40.* 50.* 4.*E 0.*E 0.
*SWL0122* * * * * 91 8.4 * * * * * * *N .07*N .1
* * * * * * * * * * * * * * * *
CLEARWATER *MO30203*BLACK *C *DAEN SWL * 37 6.1 * 898.0* 896.* 84.* 113.* 391.*E 0.*E 0.
*SWL0123* * * * * 90 46.5 * * * * * * *N 21.44*N 49.4
*****
COUNTY NAME: RIPLEY FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW
*****
GOOSE LAKE *MOU0142*CURRENT RIVER * * * * 36 30.3 * 2116.0* 2815.* 55.* 55.* 0.*U 0.*U 0.
*SWL0128* * * * * 90 48.5 * * * * * * *T 32.11*T 103.0
* * * * * * * * * * * * * * * *
DONIPHAN *MOU0195*CURRENT RIVER * * * * 36 40.0 * 2015.0* 2681.* 125.* 125.* 0.*U 0.*U 0.
*SWL0129* * * * * 91 8.0 * * * * * * *T 69.49*T 223.0
* * * * * * * * * * * * * * * *
FAIRDEALING *MOU0196*LITTLE BLACK RIV*C * * * 36 38.0 * 182.0* 323.* 49.* 66.* 110.*U 0.*U 0.
*SWL0130*ER * * * * 90 35.0 * * * * * * *T 2.59*T 7.0
*****

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LEGEND

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SALINE FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
BLUE LICK DAMSIT*MQU0159*FINNEY CREEK * 39 .6 * 49.0 * 40. * 31. * 42. * 18. *U 0. *U 0.
E *MRK0111* * 93 13.5 * * * * * *T .25*T .3
*****
WILTON SPRINGS D*MQU0192*CAMP CREEK * 39 4.4 * 26.0 * 21. * 27. * 37. * 9. *U 0. *U 0.
AMSITE *MRK0112* * 93 6.4 * * * * * *T .17*T .2
*****
COUNTY NAME: SHANNON FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE FW
*****
JACKS FORK *MQU0144*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 *MQU0145*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 *MQU0193*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 *MQU0003*BEAR CREEK * 39 50.7 * 371.0 * 216. * 70. * 80. * 0. *U 0. *U 0.
*LMS0064* * 92 15.7 * * * * * *T 3.35*T 9.3
*****
MO NONAME 90005 *MQU0005*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 *MQU0133*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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L E G E N D

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

(07/09/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME  * IDENT * NAME OF STREAM * PROJ *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: STONE
*****
GALENA        *MOU0111*JAMES          *CHSR *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: ST. CHARLES
*****
LAKE ST. LOUIS D *MO10545*PERUQUE CREEK *R      *      *      *      *      *      *      *      *      *
AM              *LMS0066*          *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: ST. FRANCIS
*****
MO NONAME 90079 *MOU0079*BIG RIVER          *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
MO NONAME 90081 *MOU0081*BIG RIVER          *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
CARLYLE DAM     *MO30274*KASKASKIA RIVER *O      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
SLIME POND      *MO30277*SHAW BRANCH        *O      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: ST. GENEVIEVE
*****
MO NONAME 90088 *MOU0088*ESTABLISHMENT CR *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
MO NONAME 90091 *MOU0091*SALINE CREEK          *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*****
L E G E N D

```

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MISSOURI

(07/09/71

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: WASHINGTON FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
INDIAN CREEK MIN*MO30717*TR-GOOSE CREEK *D * * * 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 *D * * * 38 6.0 * 6.0* 5. * 68. * 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 FH
*****
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* *DAEN LHM * 36 55.8 * 1310.0* 1502. * 73. * 99. * 1135. *E .01 *E 0.
*LMM0018* * C * 90 16.7 * * * * *N 34.57*N 57.3
*****
COUNTY NAME: WEBSTER FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE FH
*****
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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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I S S O U R I

(07/09/79)

```

*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ST. LOUIS FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
POOL 27 *MO10302*MISSISSIPPI *N * 36 48.0 * 700910.0 * 175201. * 12. * 50. * 0. *E 0. *E 0.
*LMS0073 * 90 12.0 * * * * * *N 437.98 *N 1514.1
*****
COUNTY NAME: TANEY FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE FM
*****
LONE PILGRIN *MOU0152*BEAVER CREEK * 36 40.0 * 375.0 * 359. * 130. * 130. * 0. *J 0. *U 0.
*SWL0124 * 93 2.0 * * * * * *T 4.56 *T 19.3
*****
OZARK BEACH DAM *MO30088*WHITE RIVER *HR *EMPIRE DISTR 36 40.1 * 4500.0 * 4495. * 47. * 62. * 28. *E 16.00 *E 94.4
*SWL0125 * ICT ELECT CO 93 7.3 * * * * * *N 41.37 *N 42.5
*****
TABLE ROCK DAM *MO30202*WHITE RIVER *CH *DAEN SWL 36 35.7 * 4020.0 * 4016. * 204. * 225. * 3462. *E 200.00 *E 495.0
*SWL0126 * 93 18.5 * * * * * *N 23.46 *N 38.5
*****
COUNTY NAME: VERNON FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE CH
*****
NEVADA RES *MOU0182*LITTLE DRY WOOD * 37 46.0 * 123.0 * 91. * 29. * 39. * 76. *U 0. *U 0.
*MRK0114*CREEK * 94 23.8 * * * * * *T .61 *T .8
*****
COUNTY NAME: WASHINGTON FERC POWER SUPPLY AREA 15 FERC REGIONAL OFFICE CODE CH
*****
MO NONAME 90076 *MOU0076*COURTOIS CREEK * 37 50.2 * 83.0 * 63. * 190. * 200. * 0. *U 0. *U 0.
*LMS0074 * 91 3.6 * * * * * *T 2.22 *T 6.5
*****
NONAME *MO30473*MARYS CREEK-OFFS *D * 38 6.0 * 10.0 * 8. * 100. * 109. * 7. *E 0. *E 0.
*LMS0075*TREAM * 91 0. * * * * * *N .25 *N .3
*****
NONAME *MO30474*TR-MILL CREEK *D * 38 0. * 6.0 * 5. * 110. * 125. * 7. *E 0. *E 0.
*LMS0076 * 90 42.0 * * * * * *N .16 *N .3
*****
NONAME *MO30482*TR-HAZEL CREEK *D * 37 48.0 * 4.0 * 3. * 68. * 75. * 4. *E 0. *E 0.
*LMS0077 * 90 54.0 * * * * * *N .08 *N .1
*****
L E G E N D

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STATE OF OHIO

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

*****																					*	
*	H	*	C	M	*	POTENTIAL INCREMENTAL CAPACITY RANGES															*	
*	E	*	U	T	*																*	
*	A	*	M	O	*																*	
*	D	*	L	T	*	*****															*	
*	I	*	L	A	N	*	*****															*
*	N	*	A	L	D	*	.05 MW = 15 MW	*	15 MW = 25 MW	*	GREATER THAN 25 MW	*	TOTAL	*							*	
*	F	*	T	S	*			*			*			*							*	
*	E	*	I	G	*	*****															*	
*	E	*	V	I	W	*	EXIST	EXIST	UNDEV	TOTAL	*	EXIST	EXIST	UNDEV	TOTAL	*	EXIST	EXIST	UNDEV	TOTAL	*	
*	T	*	E	N	H	*	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	*		

*		*		*	*			*			*			*			*			*		
*		*	NUMBER	*	0*	12*	0*	12**	0*	5*	0*	5**	0*	2*	0*	2**	0*	19*	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*		

*		*	NUMBER	*	0*	47*	10*	57**	0*	0*	0*	0**	0*	0*	0*	0**	0*	47*	10*	57*		
*	20-49	*	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*		

*		*	NUMBER	*	0*	8*	7*	15**	0*	1*	0*	1**	0*	0*	1*	1**	0*	9*	8*	17*		
*	50-99	*	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*		

*		*	NUMBER	*	0*	1*	1*	2**	0*	1*	0*	1**	0*	0*	0*	0**	0*	2*	1*	3*		
*	>100	*	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*		

*		*	NUMBER	*	0*	68*	18*	86**	0*	7*	0*	7**	0*	2*	1*	3**	0*	77*	19*	96*		
*	TOTAL	*	CAPCTY	*	0.0*	105*	46.6*	152**	0.0*	153*	0.0*	153**	0.0*	55.6*	43.0*	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)

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ* * AVERAGE * NET * HEIGHT* MAXIMUM*
PROJECT NAME * NUMBER* CH RIVER * PURP* OWNER * LATITUDE * DRAINAGE* ANNUAL * POWER * OF * STORAGE* CAPACITY* ENERGY
* (1) * * (2) * * * * LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ADAMS FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY
*****
BUZZARD ROOST *OHU0065*BRUSH CREEK *C * * * 38 36.0 * 402.0* 462.* 78.* 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 *OHU0059*BLACK FORK *CRO *DAEN GRM * 40 44.4 * 215.0* 196.* 16.* 40.* 88.*E 0.*E 0.
*ORH0018* * * * * 82 21.6 * * * * * *N .69*N 1.9
* * * * * * * * * * * * * * *
PLEASANT HILL *OHU0077*CLEAR FORK *CRO *DAEN GRM * 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.
*NCB0190* * *SERVICES INC* 80 50.4 * * * * * *N 1.28*N 2.1
* * * * * * * * * * * * * * *
GENEVA LOW HEAD *OH00810*GRAND RIVER *S *VILLAGE OF G* 41 45.3 * 563.0* 800.* 8.* 0.* 0.*E 0.*E 0.
DAM *NCB0191* * *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 *OHU0080*EAST BRANCH OF S*CRS *DAEN GRM * 39 32.5 * 33.0* 34.* 33.* 57.* 27.*E 0.*E 0.
OAK LAKE *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 OHIO* 40 0. * 5.0* 6.* 48.* 65.* 6.*E 0.*E 0.
*DRP0020* * *D * 81 .6 * * * * * *N .08*N .2
* * * * * * * * * * * * * * *
BARNESVILLE RESE*OH00753*SLOPE CREEK *S *VILLAGE OF B* 39 54.5 * 6.0* 7.* 57.* 77.* 4.*E 0.*E 0.
RVOIR NO 3 *DRP0021* * *ARNESVILLE * 81 9.6 * * * * * *N .14*N .3
* * * * * * * * * * * * * * *
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L E G E N D

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(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLUOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
(2) D=DEBRIS CONTROL, P=FAHM POND, O=OTHER
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(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: BELMONT FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY
*****
ST CLAIRSVILLE RE*OH00793*LITTLE MCMAHON C&S *OGLEBAY NORT* 40 0. * 15.0* 17,* 22,* 29,* 0,*E 0,*E 0.
S NO 1 SOUTH *ORP0022*N * * * * * ON COAL CO. * 80 55.3 * * * * * *N .12*N .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,*U 0,*U 0.
*ORH0021* * * * * 83 55.0 * * * * * *T 6.53*T 11.8
LAKE WAYNOKA *OH00162*STRAIGHT CREEK *R *LAKE WAYNOKA* 38 55.9 * 7.0* 7,* 44,* 55,* 5,*E 0,*E 0.
*ORL0181* * * * * 83 47.8 * * * * * *N .13*N .2
COUNTY NAME: BUTLER FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE OH
*****
DRY FORK *OHU0006*DRY FK WHITEWATER * * * 39 18.8 * 45.0* 45,* 35,* 45,* 37,*U 0,*U 0.
*ORL0182*N RIVER * * * * * 84 45.1 * * * * * *T .39*T .9
ACTON LAKE *OH00575*FOUR MILE CREEK *R *STATE OF OHI* 39 33.4 * 102.0* 102,* 44,* 45,* 15,*E 0,*E 0.
*ORL0183* * * * * 84 44.1 * * * * * *N 1.23*N 2.0
COUNTY NAME: CARROLL FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY
*****
LEESVILLE *OHU0071*MC GUIRE CREEK *CR *DAEN ORH * 40 28.1 * 48.0* 52,* 47,* 62,* 37,*E 0,*E 0.
*ORH0022* * * * * 81 11.7 * * * * * *N .81*N 1.7
COUNTY NAME: CLARK FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE OH
*****
CLARENCE J BROWN*OH00028*BUCK CREEK *CR *DAEN ORL * 39 57.0 * 82.0* 82,* 44,* 55,* 64,*E 0,*E 0.
RESERVOIR *ORL0184* * * * * 83 44.8 * * * * * *N .60*N 2.0
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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)

(07/09/79)

(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=FANN POND, O=OTHER
 (3) - E=INSTALLED CAPACITY AND ENERGY T=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

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

(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	*DHU0066 *DRH0024	*SCIOTO RIVER	*C	*	* 40 24.0 * 83 8.0	* 768.0	* 618. *	* 45. *	* 60. *	* 50. *T	* 0. * 3.22	* 0. * 10.0
DELAWARE	*DHU0066 *DRH0025	*OLENTANGY RIVER	*CRSQ	*DAEN DRH	* 40 21.6 * 83 4.2	* 381.0	* 347. *	* 34. *	* 67. *	* 132. *N	* 0. * 2.51	* 0. * 5.2
OSHAUGNESSY	*DH01310 *DRH0026	*SCIOTO	*SR	*COLUMBUS	* 40 6.0 * 83 7.5	* 979.0	* 787. *	* 75. *	* 90. *	* 16. *N	* 0. * 24.40	* 0. * 35.6
COUNTY NAME: FRANKLIN					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
BIG DARBY	*DHU0082 *DRH0027	*BIG DARBY CREEK	*C	*	* 39 42.0 * 83 15.0	* 448.0	* 372. *	* 65. *	* 80. *	* 93. *T	* 0. * 2.55	* 0. * 9.1
HOOVER	*DHU0091 *DRH0028	*BIG WALNUT CREEK	*SR	*COLUMBUS	* 40 6.0 * 82 52.9	* 190.0	* 184. *	* 65. *	* 91. *	* 90. *N	* 0. * 2.47	* 0. * 5.0
J GRIGGS	*DH03000 *DRH0029	*SCIOTO	*SR	*COLUMBUS	* 40 0. * 83 5.6	* 1044.0	* 839. *	* 25. *	* 52. *	* 15. *N	* 0. * 3.64	* 0. * 8.9
COUNTY NAME: GALLIA					FERC POWER SUPPLY AREA 9		FERC REGIONAL OFFICE CODE NY					
CORA LAKE	*DHU0062 *DRH0030	*RACCON CREEK	*C	*	* 38 54.0 * 82 25.0	* 611.0	* 677. *	* 51. *	* 66. *	* 240. *T	* 0. * 3.24	* 0. * 13.0
COUNTY NAME: GREENE					FERC POWER SUPPLY AREA 12		FERC REGIONAL OFFICE CODE CH					
WASHINGTON MILLS	*DHU0004 *ORL0188	*LIT MIAMI RIVER	*	*	* 39 38.9 * 84 2.8	* 308.0	* 308. *	* 35. *	* 45. *	* 61. *T	* 0. * 2.27	* 0. * 5.4
HUFFMAN RESERVOIR	*DH00426 *ORL0189	*MAD RIVER	*C	*MIAMI CONSERV *VANCY DISTR.	* 39 47.8 * 84 5.4	* 512.0	* 512. *	* 44. *	* 55. *	* 297. *N	* 0. * 3.25	* 0. * 13.0
L E G E N D												

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF OHIO

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: GUERNSEY FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY
*****
SENECAVILLE *OHU0078*SENECA FORK *CRD *DAEN DRH * 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 *CRD *DAEN DRH * 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 MILL *OHU0029*W FORK OF MILL C*CR *DAEN ORL * 39 15.6 * 30.0 * 30. * 48. * 66. * 11. *E 0. *E 0.
L CREEK LAKE *ORL0190*REEK * * * * 84 29.8 * * * * * *N .43*N .7
*****
COUNTY NAME: HARRISON FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY
*****
GLENDENING *OHU0060*BRUSHY FORK *CRU *DAEN DRH * 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*CRD *DAEN DRH * 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 STILLWATER*CRD *DAEN ORA * 40 21.5 * 71.0 * 75. * 33. * 44. * 62. *E 0. *E 0.
*ORH0035*N CREEK * * * * 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 DRH * 39 15.1 * 573.0 * 600. * 45. * 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*OHU0063*HOCKING RIVER *C * * 39 24.0 * 569.0 * 552. * 43. * 58. * 61. *U 0. *U 0.
SERVOIR *ORH0037* * * * * 82 28.0 * * * * * *T 2.42*T 10.2
*****
L E G E N D

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: HOCKING FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY
*****
LOGAN LAKE *OH00084* CLEAR CREEK *CSRD * * * 39 35.0 * 84.0 * 81. * 73. * 92. * 78. *U 0. *U 0.
*ORH0038* * * * 82 36.0 * * * * * * *T 1.73 *T 3.6
*****
COUNTY NAME: HOLMES FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY
*****
MILLERSBURG LAKE *OH00086* KILLBUCK CREEK *C * * * 40 30.0 * 381.0 * 328. * 30. * 45. * 77. *U 0. *U 0.
*ORH0039* * * * 81 57.0 * * * * * * *T 3.17 *T 6.6
*****
COUNTY NAME: JEFFERSON FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY
*****
FRIENDSHIP PARK *OH00123* LITTLE MCINTIRE *R * JEFFERSON CO * 40 17.0 * 3.0 * 3. * 69. * 87. * 2. *E 0. *E 0.
LAKE *ORP0025* CREEK * * UNTY * 80 45.9 * * * * * * *N .05 *N .1
*****
COUNTY NAME: KNOX FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY
*****
NORTH BRANCH OF *OH00074* NORTH BRANCH OF *CRD * DAEN DRH * 40 30.4 * 45.0 * 45. * 30. * 60. * 15. *E 0. *E 0.
KOKOSING *ORH0040* KOKOSING * * * * 82 34.6 * * * * * * *N .48 *N .7
*****
UTICA LAKE *OH00088* NORTH FORK LICKI *CSRD * * * 40 15.0 * 112.0 * 128. * 39. * 52. * 76. *U 0. *U 0.
*ORH0041* NG RIVER * * * * 82 27.0 * * * * * * *T 1.47 *T 2.8
*****
COUNTY NAME: LAWRENCE FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY
*****
GETAWAY LAKE *OH00067* SYMMES CREEK *C * * * 38 18.0 * 327.0 * 327. * 53. * 68. * 140. *U 0. *U 0.
*ORH0042* * * * 82 31.0 * * * * * * *T 3.28 *T 8.6
*****
COUNTY NAME: MAHONING FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY
*****
NEWPORT LAKE *OH00415* HILL CREEK *N * YOUNGSTOWN T * 41 0. * 66.0 * 58. * 13. * 15. * 1. *E 0. *E 0.
*ORP0026* * * * * 80 40.7 * * * * * * *N .28 *N .4
*****

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L E G E N D

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

(07/09/79)

LEGEND

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(07/09/79)

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * CF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: PORTAGE FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY
*****
BERLIN DAM *OH00032*MAHONING RIVER *CRSO *DAENOWP * 41 2.8 * 249.0* 229.* 48.* 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.* 25.* 0.* 0.*E 0.*E 0.
*NCB0194* * 81 19.8 * * * * * *N 2.25*N 5.1
*****
COUNTY NAME: PREBLE FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE OH
*****
LAKE LAKENGREN *OH00156*PAINT CREEK *R *LAKE LAKENGREN* 39 40.5 * 18.0* 18.* 44.* 55.* 4.*E 0.*E 0.
*ORL0195* * 84 41.2 * * * * * *N .29*N .5
*****
COUNTY NAME: SANDUSKY FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY
*****
FREMONT LOW HEAD *OH00809*SANDUSKY RIVER *R *CITY OF FREM* 41 19.6 * 1251.0* 940.* 21.* 0.* 0.*E 0.*E 0.
DAM *NCB0195* * 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 *OH00801*SANDUSKY RIVER *S *OHIO CITIES * 41 7.4 * 1000.0* 900.* 7.* 0.* 0.*E 0.*E 0.
DAM 1031-007 *NCB0196* * * WATER CO * 83 10.3 * * * * * *N .38*N 1.5
*****
TIFFIN LOW HEAD *OH00802*SANDUSKY RIVER *S *OHIO CITIES * 41 6.0 * 966.0* 650.* 8.* 0.* 0.*E 0.*E 0.
DAM 1031-008 *NCB0197* * * WATER CO * 83 11.4 * * * * * *N .40*N 1.5
*****
L E G E N D

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SHELBY FERC POWER SUPPLY AREA 12 FERC REGIONAL OFFICE CODE CH
*****
LOCKINGTON DRY R*OH00391*LORAMIE CREEK *C *MIAMI CONSER* 40 12.9 * 232.0* 232.* 44.* 55.* 126.*E 0.*E 0.
ESERVOIR *ORL0196* * *VANCY DISTR.* 84 14.7 * * * * *N 2.07*N 3.7
* * * * *
LAKE LORAMIE *OH00442*LORAMIE CREEK *R *STATE OF OHIO* 40 21.5 * 70.0* 70.* 44.* 30.* 17.*E 0.*E 0.
*ORL0197* * *O * 84 21.5 * * * * *N .99*N 1.4
*****
COUNTY NAME: STARK FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY
*****
UPPER DEER CREEK*OH00241*DEER CREEK *S *CITY OF ALLI* 40 58.4 * 33.0* 22.* 26.* 35.* 15.*E 0.*E 0.
RES. *ORP0035* * *ANCE * 81 10.7 * * * * *N .39*N .7
* * * * *
DEER CREEK RESER*OH00779*DEER CREEK *S *CITY OF ALLI* 40 58.1 * 33.0* 22.* 26.* 34.* 4.*E 0.*E 0.
VOIR *ORP0036* * *ANCE * 81 7.0 * * * * *N .40*N .7
*****
COUNTY NAME: TRUMBULL FERC POWER SUPPLY AREA 9 FERC REGIONAL OFFICE CODE NY
*****
MOSQUITO CREEK D*OH00031*MOSQUITO CREEK *CRSQ *DAENDHP * 41 18.0 * 97.0* 86.* 35.* 42.* 176.*E 0.*E 0.
AM *ORP0037* * * * * 80 45.5 * * * * *N 1.02*N 2.0
* * * * *
MEANDER CREEK RE*OH00337*MEANDER CREEK *SR *MAHONING VAL* 41 6.0 * 84.0* 87.* 33.* 45.* 53.*E 0.*E 0.
SERVIOR *ORP0038* * *LEY SANITARY* 80 46.8 * * * * *N .94*N 1.7
* * * * *
NEWTON FALLS DAM*OH00339*EAST BR MAHONING*H *OHIO EDISON * 41 11.8 * 276.0* 238.* 8.* 11.* 1.*E 0.*E 0.
*ORP0039* RIVER * *CO. * 80 58.0 * * * * *N .38*N 1.2
* * * * *
LIBERTY LAKE *OH00633*SQUAW CREEK *SR *OHIO WATER S* 41 11.1 * 15.0* 16.* 32.* 40.* 2.*E 0.*E 0.
*ORP0040* * *ERVICE CO. * 80 42.3 * * * * *N .20*N .2
* * * * *
LAKE GIRARD *OH00634*SQUAW CREEK *SR *OHIO WATER S* 41 11.6 * 11.0* 12.* 41.* 54.* 4.*E 0.*E 0.
*ORP0041* * *ERVICE CO. * 80 43.2 * * * * *N .19*N .2
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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F M I N N I S O T A

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * * (1) *	* NAME OF STREAM * * CR 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 * * CAPACITY * * (1000 * * (AC FT) *	* ENERGY * * (MWH) * * (3) *	* ENERGY * * (GWH) * * (3) *
COUNTY NAME: TUSCARAWAS					FERC POWER SUPPLY AREA 9			FERC REGIONAL OFFICE CODE NY				
ATWOOD LAKE	*DHU0056*	INDIAN FORK	*CRD *	*DAEN DRH	* 40 31.6 *	70.0*	72.*	41.*	55.*	50.*E	0.*E	0.*
	DRH0052				* 81 17.1 *					*N	1.11*N	2.1
BEACH CITY	*DHU0057*	SUGAR CREEK	*CRD *	*DAEN DRH	* 40 38.2 *	300.0*	140.*	17.*	46.*	72.*E	0.*E	0.*
	DRH0053				* 81 33.4 *					*N	1.88*N	4.0
DOVER	*DHU0070*	TUSCARAWAS RIVER	*C *	*DAEN DRH	* 40 33.4 *	1379.0*	1387.*	9.*	51.*	203.*E	0.*E	0.*
	DRH0054				* 81 24.8 *					*N	3.78*N	8.7
COUNTY NAME: VINTON					FERC POWER SUPPLY AREA 9			FERC REGIONAL OFFICE CODE NY				
SALT CREEK	*DHU0087*	SALT CREEK	*C *		* 39 30.0 *	270.0*	270.*	56.*	83.*	130.*U	0.*U	0.*
	DRH0055				* 82 37.0 *					*T	1.93*T	7.9
COUNTY NAME: WARREN					FERC POWER SUPPLY AREA 12			FERC REGIONAL OFFICE CODE CH				
TODD FORK	*DHU0002*	TODD FK LIT MIAM			* 39 20.8 *	245.0*	245.*	35.*	45.*	95.*U	0.*U	0.*
	DRL0198	I RIVER			* 84 4.8 *					*T	2.26*T	4.7
MORROW	*DHU0003*	LIT MIAMI RIVER			* 39 21.5 *	685.0*	685.*	35.*	45.*	244.*U	0.*U	0.*
	DRL0199				* 84 7.0 *					*T	4.11*T	15.6
COWAN CREEK	*DHU0005*	COWAN CREEK			* 39 24.8 *	51.0*	51.*	35.*	45.*	14.*U	0.*U	0.*
	DRL0200				* 83 57.4 *					*T	.53*T	1.0
ARMCO PARK RESERVOIR	*DHU00553*	SHAKER CREEK	*R *	*ARMCO STEEL	* 39 27.0 *	8.0*	8.*	94.*	55.*	5.*E	0.*E	0.*
	DRL0201			*CORPORATION	* 84 17.6 *					*N	.08*N	.1
CAESAR CREEK LAKE	*DHU00927*	CAESAR CREEK	*CR *	*DAEN DRH	* 39 27.5 *	237.0*	237.*	110.*	144.*	242.*E	0.*E	0.*
E	*DRL0202*				* 83 58.4 *					*N	4.22*N	12.1

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

(07/09/79)

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* (1) * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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.*E 0.*E 0.
*ORH0056* * * * 81 29.5 * * * * *N 23.31*N 55.9
LOCK + DAM NO.3 *OHU0093*MUSKINGHAM RIVER*R *OHIO * 39 31.8 * 7985.0* 7878.* 12.* 0.* 0.*E 0.*E 0.
*ORH0057* * * * 81 31.0 * * * * *N 27.86*N 66.9
LOCK + DAM NO.4 *OHU0094*MUSKINGHAM RIVER*R *OHIO * 39 33.2 * 7940.0* 7834.* 8.* 0.* 0.*E 0.*E 0.
*ORH0058* * * * 81 38.8 * * * * *N 6.97*N 31.4
LOCK + DAM NO.5 *OHU0095*MUSKINGHAM RIVER*R *OHIO * 39 32.2 * 7744.0* 7641.* 9.* 0.* 0.*E 0.*E 0.
*ORH0059* * * * 81 43.3 * * * * *N 20.26*N 48.6
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STATE OF WISCONSIN

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

POTENTIAL INCREMENTAL CAPACITY RANGES																	
FUNCTION		0.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
EXISTING		UNDEVELOPED				UNDEVELOPED				UNDEVELOPED				UNDEVELOPED			
TOTAL		TOTAL				TOTAL				TOTAL				TOTAL			
INST		INST				INST				INST				INST			
CAP		CAP				CAP				CAP				CAP			
NUMBER		NUMBER				NUMBER				NUMBER				NUMBER			
CAPACITY		CAPACITY				CAPACITY				CAPACITY				CAPACITY			
ENERGY		ENERGY				ENERGY				ENERGY				ENERGY			
0-19		0-19				0-19				0-19				0-19			
20-49		20-49				20-49				20-49				20-49			
50-99		50-99				50-99				50-99				50-99			
100+		100+				100+				100+				100+			
TOTAL		TOTAL				TOTAL				TOTAL				TOTAL			

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)

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

(07/10/79)

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* IDENT * NAME OF STREAM * PROJ *   *   * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * CF * STORAGE * CAPACITY * ENERGY
* (1) *   *   *   * (2) *   *   * (DN,M) * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
*   *   *   *   *   *   * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ADAMS                FERC POWER SUPPLY AREA 13    FERC REGIONAL OFFICE CODE
*****
SHERWOOD      *WI00001*FOURTEEN MILE CR*H*   *   *   * 44 12.2 *   64.0*   58.*   21.*   29.*   4.*E   0.*E   0.
               *NCS0193*EEK               *   *   *   * 89 48.4 *   *   *   *   *   *   *   *   *   *   *   *   *
               *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
CASTLE ROCK 24 *WI000724*WISCONSIN *HCR *WI RIVER POW* 43 54.0 * 6845.0* 4077.* 28.* 32.* 241.*E 15.00*E 75.0
               *NCS0194*               *   *ER CO * 89 57.3 *   *   *   *   *   *   *   *   *   *   *   *   *
*****
COUNTY NAME: ASHLAND              FERC POWER SUPPLY AREA 16    FERC REGIONAL OFFICE CODE
*****
BAKER          *WIU0119*BAD              *H*   *   *   * 46 33.7 *   570.0* 576.* 104.* 104.* 44.*U   0.*U   0.
               *NCS0195*               *   *   *   * 90 40.6 *   *   *   *   *   *   *   *   *   *   *   *   *
               *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
WHITE RIVER 1893 *WIU00725*WHITE *HR *LAKE SUPERIOR* 46 29.9 * 269.0* 280.* 50.* 49.* 1.*E   0.*E   0.
               *NCS0196*               *   *R DIST PWR * 90 54.5 *   *   *   *   *   *   *   *   *   *   *   *   *
*****
COUNTY NAME: BARRON              FERC POWER SUPPLY AREA 16    FERC REGIONAL OFFICE CODE CH
*****
CHETEK         *WI00098*CHETEK          *HR *BARRON COUNTY* 45 18.8 * 190.0* 95.* 10.* 11.* 42.*E   0.*E   0.
               *NCS0197*               *   *Y * 91 38.9 *   *   *   *   *   *   *   *   *   *   *   *   *
               *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
CEDAR LAKE     *WI00100*RED CEDAR        *R *BARRON COUNTY* 45 35.4 * 132.0* 39.* 8.* 11.* 69.*E   0.*E   0.
               *NCS0198*               *   *Y * 91 36.0 *   *   *   *   *   *   *   *   *   *   *   *   *
               *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
RICE LAKE      *WI00102*RED CEDAR        *HR *BARRON COUNTY* 45 30.0 * 410.0* 121.* 11.* 12.* 11.*E   0.*E   0.
               *NCS0199*               *   *Y * 91 44.0 *   *   *   *   *   *   *   *   *   *   *   *   *
*****
COUNTY NAME: BAYFIELD            FERC POWER SUPPLY AREA 16    FERC REGIONAL OFFICE CODE
*****
WHITE RIVER    *WIU0118*WHITE           *H*   *   *   * 46 28.4 *   269.0* 280.* 50.* 50.* 18.*U   0.*U   0.
               *NCS0326*               *   *   *   * 91 0. *   *   *   *   *   *   *   *   *   *   *   *
               *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
DRUMMOND LAKE  *WIU0503*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 *   *   *   *   *   *   *   *   *   *   *   *   *
               *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F W I S C O N S I N

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: BAYFIELD FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE
*****
MIDDLE EAU CLARE *W100523*EAU CLAIRE *R *BAYFIELD COU* 46 17.1 * 89.0* 72.* 11.* 15.* 24.*E 0.*E 0.
LAKE 2WP366 *NCS0201* * *NTY * 91 32.6 * * * * *N .24*N 1.0
NAMEKAGON *W100623*NAMEKAGON *R *TOWN OF LAKE* 46 13.4 * 33.0* 30.* 7.* 10.* 71.*E 0.*E 0.
*NCS0202* * *NAMEKAGON * 91 8.8 * * * * *N .06*N .3
PORT WING 2WP689 *W100726*IRON *HR *LAKE SUPERIO* 45 44.8 * 60.0* 173.* 41.* 55.* 3.*E 0.*E 0.
*NCS0203* * *R DIST PWR * 91 29.1 * * * * *N .59*N 2.5
*****
COUNTY NAME: BROWN FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH
*****
WEST DEPERE *W1U0140*FOX * *NICOLET PAPE* 44 27.0 * 6240.0* 4392.* 7.* 0.* 0.*E 1.12*E 6.4
*NCC0215* * *K CORP * 88 3.0 * * * * *N 3.16*N 13.1
*****
COUNTY NAME: BURNETT FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE CH
*****
DANBURY *W100003*YELLOW *HR * * 45 59.8 * 310.0* 381.* 30.* 38.* 1.*E 1.08*E 6.0
*NCS0204* * * * 92 22.4 * * * * *N .35*N .3
CLAM RIVER *W100004*CLAM *HR *NW WISE ELEC* 45 56.8 * 378.0* 311.* 35.* 35.* 6.*E 1.20*E 4.0
*NCS0205* * *CO * 92 32.3 * * * * *N .83*N 5.0
LOOV LAKE *W100243*LOON CREEK *RD *BURNETT COUN* 45 59.0 * 40.0* 32.* 6.* 8.* 4.*E 0.*E 0.
*NCS0206* * *TY * 92 10.5 * * * * *N .06*N .2
CLAM LAKE 2WP233 *W100260*CLAM *R *BURNETT COUN* 45 50.0 * 320.0* 260.* 6.* 8.* 16.*E 0.*E 0.
*NCS0207* * *TY * 92 18.7 * * * * *N .29*N 1.3
CLAM LAKE 2WP233 *W100619*CLAM *R *BURNETT COUN* 45 50.5 * 296.0* 240.* 6.* 8.* 16.*E 0.*E 0.
*NCS0208* * *TY * 92 18.9 * * * * *N .27*N 1.2
*****
L E S E N D

```

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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)

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CHIPPEWA FERC POWER SUPPLY AREA 15 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-IFO * *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 73.9
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
*****
HEAD *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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L E G E N D

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ* * AVERAGE * NET * HEIGHT* MAXIMUM*
PROJECT NAME * NUMBER* OR RIVER * PURP* OWNER * LATITUDE * DRAINAGE* ANNUAL * POWER * OF * STORAGE* CAPACITY* ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CRAWFORD FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE
*****
BOSCOREL *WIU0122*WISCONSIN *H * * * 43 9.0 * 10790.0* 7895.* 22.* 22.* 95.*U 0.*U 0.
*NCS0216* * * * 90 43.0 * * * * *T 37.18*T 136.8
LYNXVILLE UNITED *WI00733*MISSISSIPPI *N *DAEN NCS * 43 12.7 * 66800.0* 31539.* 5.* 9.* 270.*E 0.*E 0.
STATES 9 *NCS-IFO* * * * 91 5.7 * * * * *N 29.87*N 113.0
*****
COUNTY NAME: DANE FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE
*****
MENDOTA LOCKS 2W*WI00621*YAHARA *NR *CITY OF MADI* 43 5.7 * 233.0* 154.* 8.* 8.* 295.*E 0.*E 0.
P1286 *NCR0080* *SON * 89 22.2 * * * * *N .21*N .8
*****
COUNTY NAME: DODGE FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH
*****
HORIZON *WIU0114*ROCK RIVER * * * 43 50.0 * 465.0* 358.* 9.* 0.* 0.*U 0.*U 0.
*NCR-IFO* * * * 88 50.0 * * * * *T .48*T 2.1
UPPER BEAVER *WI00119*BEAVERDAM *R *CITY OF BEAV* 43 27.3 * 300.0* 140.* 11.* 35.* 57.*E 0.*E 0.
*NCR0082* *ER DAM * 88 50.7 * * * * *N .27*N 1.0
FOX LAKE *WI00253*BEAVERDAM *R *VILLAGE OF F* 43 33.6 * 70.0* 40.* 7.* 35.* 28.*E 0.*E 0.
*NCR0083* *OX LAKE * 88 55.1 * * * * *N .09*N .2
HUSTISFORD *WI00254*ROCK *R *VILLAGE OF H* 43 20.8 * 482.0* 235.* 7.* 35.* 19.*E 0.*E 0.
*NCR0084* *USTISFORD * 88 35.9 * * * * *N .37*N .9
THERESA MARSH 2W*WI00612*EAST BRANCH ROCK*R *WI DNR * 43 31.5 * 151.0* 87.* 8.* 8.* 21.*E 0.*E 0.
P2537 *NCR0085* * * * 88 25.3 * * * * *N .23*N .4
*****
COUNTY NAME: DOUGLAS FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE
*****
SAINT CROIX *WI00504*SAINT CROIX *R *DOUGLAS COUN* 46 15.2 * 488.0* 393.* 7.* 9.* 20.*E 0.*E 0.
*NCS0217* *TY * 91 55.6 * * * * *N .50*N 2.2
*****
L E G E N D

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * * (DH.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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 *WI00734*RED CEDAR *I *NORTHERN STA* 44 51.1 * 1690.0 * 50. * 52. * 37. *E 6.00 *E 29.1
C3 *NCS0221* * * *TES POWER CO* 91 53.3 * * * * * *N 1.63 *N 9.4
MEMONNEE 1861C36 *WI00735*RED CEDAR *HR *NORTHERN STA* 44 53.0 * 1760.0 * 1134. * 32. * 32. * 21. *E 5.40 *E 21.9
*NCS0222* * * *TES POWER CO* 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 21.97 *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 * 44 49.6 * 5752.0 * 5179. * 26. * 26. * 10. *E 9.50 *E 43.8
*NCS-IFO* * * *CLAINÉ * 91 30.7 * * * * * *N 26.48 *N 48.8
*****
COUNTY NAME: FLORENCE FERC POWER SUPPLY AREA 1 FERC REGIONAL OFFICE CODE CH
*****
PINE #P 146 *WI00738*PINE RIVER * *WI - MI POWE* 45 49.8 * 520.0 * 424. * 79. * 104. * 3. *E 3.60 *E 19.0
*NCC0217* * * *R CO * 88 15.6 * * * * * *N 2.15 *N 12.7
*****
L E G E N D

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

(07/10/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME  * IDENT * NAME OF STREAM * PROJ *      * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
* NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * * (DM,4) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: GRANT FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE CH
*****
BRIDGEPORT *WIU0121*WISCONSIN *H * * * 42 57.0 * 11660.0 * 6544. * 25. * 25. * 0. *U 0. *U 0.
*NC80323 * * * * 91 4.0 * * * * * * *T 41.10*T 164.8
* * * * * * * * * *
MUSCODA *WIU0123*WISCONSIN *H * * * 43 12.0 * 10300.0 * 8423. * 20. * 20. * 61. *U 0. *U 0.
*NC80324 * * * * 90 26.0 * * * * * * *T 32.71*T 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.
*NC80092 * * * * 90 15.0 * * * * * * *T .43*T 1.2
*****
COUNTY NAME: IRON FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE
*****
FLAMBEAU RESERVOIR *WI00041*FLAMBEAU *SR *CHIPPEWA FLA* 46 4.2 * 666.0 * 635. * 20. * 27. * 370. *E 0. *E 0.
*NC80229 * * * * 90 13.4 * * * * * * *N 1.99*N 9.1
* * * * * * * * * *
GILE RESERVOIR *WI00042*WEST FORK MONTRE*SCR *LAKE SUPERIOR* 46 25.6 * 65.0 * 77. * 17. * 23. * 55. *E .92*E 2.2
*NC80230*AL * * * * 90 13.6 * * * * * * *N 0. *N 0.
* * * * * * * * * *
LAKE OF THE FALLS *WI00618*TURTLE *R *TOWN OF MERC* 46 9.0 * 110.0 * 105. * 8. * 11. * 5. *E 0. *E 0.
S 2WP257 *NC80231 * * * * 90 9.8 * * * * * * *N .23*N .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.
*NC80232 * * * * 91 18.5 * * * * * * *T 6.30*T 30.0
* * * * * * * * * *
HATFIELD *WI00016*BLACK *HR * * * 44 24.7 * 1326.0 * 993. * 68. * 92. * 23. *E 3.84*E 16.0
*NC80233 * * * * 90 43.3 * * * * * * *N 23.65*N 22.9
* * * * * * * * * *
BLACK RIVER FALLS *WI00043*BLACK *HR *CITY BLACK R* 44 17.8 * 1674.0 * 1253. * 18. * 20. * 4. *E .92*E 2.2
S *NC8-IFO * * * * 90 50.8 * * * * * * *N 2.89*N 6.9
* * * * * * * * * *
*****

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF WISCONSIN

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * GR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * CF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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 CG * 90 4.2 * * * * *N .37*N 1.2
* * * * *
PETENWELL *WI00740*WISCONSIN *MCR *WI RIVER POW* 44 3.4 * 5860.0* 4920.* 42.* 42.* 547.*E 20.00*E 102.0
*NCS0235* * * ER CC * 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 .65*T 2.9
* * * * *
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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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 (DP,M)	* DRAINAGE * AREA (SQ MI)	* AVERAGE * ANNUAL (CFS)	* NET * POWER (FT)	* HEIGHT * OF (FT)	* MAXIMUM * STORAGE (1000 AC FT)	* CAPACITY * (MW) (3)	* ENERGY * (GWH) (3)

COUNTY NAME: LANGLADE					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				

NORTH POST LK	*WIU0054*	WOLF	*	*	* 45 27.6 *	101.0*	65.*	16.*	18.*	19.*	0.*	0.*
	NCC0225		*	*	* 89 5.0 *					*T	.32*T	1.2
LOWER POST LK	*WIU0147*	WOLF	*	*	* 45 24.0 *	278.0*	184.*	11.*	12.*	10.*	0.*	0.*
	NCC0284		*	*	* 88 54.0 *					*T	.49*T	1.8
HANSON RIPS	*WIU0170*	WOLF	*	*	* 45 7.0 *	485.0*	324.*	35.*	39.*	0.*	0.*	0.*
	NCC0226		*	*	* 88 40.3 *					*T	2.78*T	12.1
GARDNER	*WIU0171*	WOLF	*	*	* 45 6.0 *	482.0*	322.*	54.*	60.*	0.*	0.*	0.*
	NCC0285		*	*	* 88 41.0 *					*T	4.05*T	18.3
WHITE LK CK	*WIU0172*	WOLF	*	*	* 45 6.0 *	466.0*	311.*	44.*	49.*	0.*	0.*	0.*
	NCC0227		*	*	* 88 44.0 *					*T	3.31*T	14.5
LANGLADE	*WIU0173*	WOLF	*	*	* 45 13.0 *	462.0*	309.*	36.*	40.*	0.*	0.*	0.*
	NCC0228		*	*	* 88 43.0 *					*T	2.71*T	11.8
SHERRY RAPIDS	*WIU0174*	WOLF	*	*	* 45 12.0 *	459.0*	269.*	42.*	47.*	0.*	0.*	0.*
	NCC0229		*	*	* 88 45.0 *					*T	3.12*T	13.7
LILY	*WIU0175*	WOLF	*	*	* 45 18.0 *	394.0*	262.*	27.*	30.*	0.*	0.*	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.*	0.*	0.*
	NCS0237		*	*	* 89 33.8 *					*N	.89*N	2.7
LITTLE SOMO RIVE	*WI00710*	LITTLE SOMO	*R	*LINCOLN COUN	* 45 29.8 *	138.0*	133.*	5.*	7.*	5.*	0.*	0.*
R 2WP46	*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.*	0.*	0.*
	NCS0239		*PROVEMENT CO		* 89 44.7 *					*N	.72*N	3.7

LEGEND												

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LINCOLN FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH
*****
MERRILL 1874C118 *WI00742*WISCONSIN *HR *I PUBLIC SE* 45 10.7 * 2780.0* 2672.* 14.* 15.* 12.*E .84*E 6.0
*NCS0240* *RVICE CORP * 89 41.2 * * * *N 4.61*N 18.9
*
UPPER GRANDFATHER *WI00743*WISCONSIN *HR *I PUBLIC SE* 45 18.8 * 2293.0* 2204.* 95.* 94.* 10.*E 17.24*E 101.0
R FALLS 2WP35 *NCS0241* *RVICE CORP * 89 47.1 * * * *N 28.37*N 49.0
*
KINGS 1853C30 *WI00744*WISCONSIN *HR *TOMAHAWK POW* 45 28.9 * 1297.0* 1198.* 23.* 23.* 14.*E .32*E 1.0
*NCS0242* *ER AND PULP * 89 40.8 * * * *N 4.04*N 18.2
*
JERSEY 2WP33 *WI00745*TOMAHAWK *HR *I PUBLIC SE* 45 29.5 * 557.0* 543.* 15.* 15.* 3.*E .51*E 2.8
*NCS0243* *RVICE CORP * 89 45.0 * * * *N .82*N 3.2
*
TOMAHAWK 2WP320 *WI00746*WISCONSIN *HR *I PUBLIC SE* 45 26.5 * 2028.0* 1949.* 16.* 15.* 15.*E 2.60*E 14.0
*NCS0244* *RVICE CORP * 89 43.8 * * * *N 2.12*N 6.9
*
GRANDMOTHER FALL *WI00747*WISCONSIN *HR *CHENS ILLINO* 45 22.0 * 2269.0* 2200.* 19.* 19.* 6.*E 3.00*E 18.2
S WP185 *NCS0245* *IS INC * 89 43.7 * * * *N 2.81*N 9.1
*
ALEXANDER WP200 *WI00748*WISCONSIN *HR *I PUBLIC SE* 45 11.3 * 2520.0* 2400.* 24.* 23.* 8.*E 4.20*E 22.6
*NCS0246* *RVICE CORP * 89 45.3 * * * *N 3.90*N 15.7
*
SPIRIT RIVER RES *WI00749*SPIRIT *JR *I VALLEY IM* 45 26.3 * 174.0* 167.* 10.* 14.* 27.*E 0.*E 0.
ORVOIR 2WP585 *NCS0247* *FROVEMENT CO* 89 44.5 * * * *N .33*N 1.1
*****
COUNTY NAME: MARATHON FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH
*****
TRAPPE RAPIDS *WIU0058*WISCONSIN *H * * 45 5.0 * 2790.0* 2682.* 24.* 24.* 1.*U 0.*U 0.
*NCS=IF0* * * 89 37.2 * * * *T 9.09*T 42.5
*
TRAPPE RAPID *WIU0126*WISCONSIN *H * * 45 5.0 * 2790.0* 2682.* 24.* 24.* 13.*U 0.*U 0.
*NCS0248* * * 89 37.2 * * * *T 9.09*T 42.5
*
MOSINEE 1893C138 *WI00750*WISCONSIN *HR *MOSINEE PAPE* 44 47.5 * 4126.0* 3400.* 22.* 22.* 3.*E 3.40*E 23.0
*NCS0249* *N COMPANY * 89 41.8 * * * *N 9.14*N 26.1
*****

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * (DM,N) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: MARATHON FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH
*****
* * * * *
ROTHSCHILD 1903C * WI00751 * WISCONSIN * HR * MEYERHAEUSER * 44 53.5 * 4016.0 * 2874. * 21. * 20. * 20. *E 3.64 *E 21.0
155 * NCS0250 * * * COMPANY * 89 37.6 * * * * * *N 6.74 *N 23.5
* * * * *
MAUSAU 1854C82 * WI00752 * WISCONSIN * HR * WI PUBLIC SE * 44 57.4 * 3092.0 * 2900. * 28. * 27. * 3. *E 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. *E 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. * 18. * 0. * 0. *E 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. *E 7.00 *E 15.0
* NCC0232 * * * * CORP * 88 12.0 * * * * * *N 0. *N 0.
* * * * *
LITTLE QUINNESEC * WI00755 * MENUMINEE RIVER * * * * NIAGARA OF W * 45 46.2 * 2502.0 * 2541. * 60. * 81. * 2. *E 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. *E .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. *E 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. *E 3.52 *E 12.0
* NCC0236 * * * * CORP * 88 9.6 * * * * * *N .33 *N 2.3
* * * * *
CALDRON FALLS * WI00759 * PESHTIGO * * * * O. * 45 21.6 * 496.0 * 428. * 68. * 90. * 22. *E 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. *E 3.84 *E 15.0
* NCC0238 * * * * CORP * 88 4.2 * * * * * *N 0. *N 0.
* * * * *
*****

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: MARQUETTE FERC POWER SUPPLY AREA 1 FERC REGIONAL OFFICE CODE CH
*****
LAWRENCE *W100020*DUCK CREEK * *PIIONEER 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 *W100074*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 *W100075*DUCK CREEK * *MONTELLO GRA* 43 47.4 * 160.0* 140.* 15.* 20.* 3.*E .38*E .5
*NCC0241* * *NITE CC * 89 19.8 * * * * *N 0. *N 0.
*****
COUNTY NAME: MENOMINEE FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH
*****
KESHENA FALLS *W100136*WOLF * * * 44 53.0 * 812.0* 54.* 33.* 37.* 0.*U 0. *U 0.
*NCC0242* * * * 88 38.0 * * * * *T 4.11*T 18.0
DALLAS *W100137*WOLF * * * 45 2.0 * 604.0* 40.* 75.* 83.* 9.*E 10.20*E 27.2
*NCC0243* * * * 88 40.0 * * * * *N 0. *N 0.
SHOTGUN RAPIDS *W100138*WOLF * * * 45 5.0 * 508.0* 34.* 48.* 56.* 0.*E 5.80*E 15.3
*NCC0244* * * * 88 37.3 * * * * *N 0. *N 0.
NEOPIT *W100143*W BR WOLF * *MENOMINEE IN* 44 58.0 * 108.0* 7.* 12.* 13.* 0.*E .11*E .4
*NCC0245* * *JIAN MILLS * 88 50.0 * * * * *N .12*N .5
BIG EDDY FALLS *W100168*WOLF * * * 44 57.0 * 629.0* 42.* 12.* 0.* 0.*U 0. *U 0.
*NCC0246* * * * 88 37.0 * * * * *T 1.31*T 5.2
SMOKY FALLS *W100169*WOLF * * * 45 0. * 617.0* 4.* 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 *W100806*TR MORRIS CREEK *CR *MONROE COUNT* 43 51.2 * 33.0* 21.* 17.* 23.* 2.*E 0. *E 0.
ONE 3WR1378 *NCS0253* * *Y SUCD * 90 37.6 * * * * *N .05*N .2
*****

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

(07/10/79)

PROJECT NAME	* IDENT NUMBER	* NAME OF STREAM OR RIVER	* PROJ* PURP	* OWNER	* LATITUDE LONGITUDE	* DRAINAGE AREA	* AVERAGE ANNUAL INFLOW	* NET POWER	* HEIGHT OF DAM	* MAXIMUM STORAGE	* CAPACITY (1000 MW)	* ENERGY (GWH)
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: OCONTO					FERC POWER SUPPLY AREA 1		FERC REGIONAL OFFICE CODE CH					
STILES	*W100762*	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 FALLS	*W100763*	OCONTO	*MI - 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	*W100684*	RICE CREEK	*VILLAGE OF		45 36.5	29.0*	28.*	7.*	10.*	3.*E	0.*E	0.
	NCS0254		*OODBORO		39 38.3					*N	.09*N	.1
BURNT ROLLWAYS 1909C36	*W100764*	EAGLE	*MI 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 1909C361	*W100766*	SUGAR CAMP CREEK	*MI 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 1909C361	*W100767*	TOMAHAWK	*MI 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 1903C239	*W100770*	WISCONSIN	*MI PUBLIC SE*		45 34.3	1143.0*	1055.*	21.*	20.*	4.*E	1.12*E	7.5
	NCS0258		*RVIC CORP		89 28.8					*N	2.83*N	8.3
RHINELANDER 1907C280	*W100771*	WISCONSIN	*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 LAKE 1909C36	*W100772*	NORTH BRANCH PELICAN	*MI VALLEY IM*		45 38.1	71.0*	66.*	4.*	6.*	10.*E	0.*E	0.
	NCS0260	ICAN	*PROVEMENT CO*		89 14.6					*N	.06*N	.2
WILLOW RIVER RESERVOIR 2WP50	*W100774*	TOMAHAWK	*MI VALLEY IM*		45 42.7	327.0*	319.*	11.*	15.*	74.*E	0.*E	0.
	NCS0261		*PROVEMENT CO*		89 50.7					*N	.58*N	2.6
RAINBOW RESERVOIR 2WP76	*W100775*	WISCONSIN	*MI VALLEY IM*		45 50.0	740.0*	688.*	16.*	21.*	86.*E	0.*E	0.
	NCS0262		*PROVEMENT CO*		89 32.7					*N	1.63*N	7.8

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

(07/10/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * ANNUAL * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * CAPACITY * ENERGY
* (1) * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ONEIDA FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE
*****
PICKERAL 2WP185 *WI00776*SAINT GERMAIN *OR *WI VALLEY IM* 45 52.4 * 109.0* 100.* 5.* 7.* 7.*E 0.*E 0.
*NCS0263* *PROVEMENT CO* 89 31.8 * * * * *N .12*N .4
*****
COUNTY NAME: OUTAGAMIE FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE CH
*****
APPLETON 03500 *WIU0129*FOX *H *CONSOLIDATED* 44 15.3 * 6100.0* 4292.* 7.* 0.* 0.*E .48*E 2.6
*NCC0250* * PAPERS INC * 88 25.0 * * * * *N 3.73*N 16.5
* * * * *
APPLETON 03520 *WIU0130*FOX * *APPLETON WCO* 44 15.3 * 6100.0* 4291.* 9.* 0.* 0.*E .10*E .7
*NCC0251* *LEN MILLS * 88 25.0 * * * * *N 5.06*N 23.6
* * * * *
ATLAS MILL *WIU0131*FOX * * * 44 15.3 * 6090.0* 4284.* 13.* 0.* 0.*U 0.*U 0.
*NCC0252* * * 88 25.0 * * * * *T 6.92*T 34.6
* * * * *
APPLETON 03540 *WIU0132*FOX * *WISCONSIN MI* 44 15.3 * 6065.0* 4267.* 9.* 0.* 0.*E 1.44*E 9.8
*NCC0253* *CHIGAN POWER* 88 25.0 * * * * *N 3.72*N 14.4
* * * * *
APPLETON 03550 *WIU0133*FOX * * * 44 15.3 * 6090.0* 4284.* 14.* 0.* 0.*U 0.*U 0.
*NCC0254* * * 88 25.0 * * * * *T 7.55*T 37.3
* * * * *
LEEMAN *WIU0134*WOLF * * * 44 34.3 * 1230.0* 838.* 18.* 20.* 0.*E 5.00*E 12.4
*NCC0255* * * 88 33.0 * * * * *N 0.*N 0.
* * * * *
BADGER *WIU0139*FOX * *KAUKAUNA ELE* 44 23.0 * 6138.0* 4319.* 22.* 0.* 0.*E 5.60*E 35.0
*NCC0256* *CTIRC WATER* 88 16.0 * * * * *N 9.39*N 26.7
* * * * *
FIGOR *WIU0141*DUCK CREEK * *FIGOR, D.J. * 44 23.0 * 25.0* 16.* 16.* 0.* 0.*E .04*E .1
*NCC0257* * * 80 20.0 * * * * *N .20*N .5
* * * * *
KAUKAUNA *WI00080*FOX * *KAUKAUNA ELE* 44 16.8 * 6138.0* 4111.* 19.* 26.* 1.*E 4.80*E 31.8
*NCC0258* *C WTR DEPT * 88 16.2 * * * * *N 11.21*N 24.1
* * * * *
MIDDLE APPLETON *WI00166*FOX * *FOX RIVER PA* 44 15.6 * 6100.0* 4085.* 15.* 20.* 0.*E 1.16*E 7.0
*NCC0259* *PER CORR * 88 24.6 * * * * *N 6.67*N 32.3
* * * * *
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 (3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE* AVERAGE * NET *HEIGHT* MAXIMUM*
PROJECT NAME * NUMBER* OR RIVER * PURP* OWNER *LONGITUDE* AREA * ANNUAL *POWER * OF * STORAGE* CAPACITY* ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: OUSAAMIE 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
*****
UDPWIS0001 *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
EAU GALLE RIVER *WI00780*EAU GALLE RIVER *CR *DAEN NCS * 44 51.5 * 60.0* 25.* 86.* 117.* 57.*E 0.*E 0.
LAKE *NCS0267* * * 92 14.4 * * * * *N .42*N 1.0
*****
L E G E N D

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF WISCONSIN

(07/10/79)

PROJECT NAME	* IDENT * * NUMBER *	* NAME OF STREAM * CR RIVER *	* PRPJ * * PURP *	* OWNER *	* LATITUDE * * LONGITUDE *	* DRAINAGE * * AREA *	* AVERAGE * * ANNUAL * * INFLON *	* NET * * POWER * * HEAD *	* HEIGHT * * OF * * DAM *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MW) *	* ENERGY * * (GWH) *
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	AC FT	(3)	(3)

COUNTY NAME: POLK				FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE CH					

CLAM FALLS	*W100022*	CLAM	*HR	*	45 41.2	45.0	32.	30.	32.	1.*E	.11.*E	.5
	NCS0268		*	*	92 17.7	*	*	*	*	*N	0. *N	0.

SAINT CROIX FALLS	*W100023*	SAINT CROIX	*HR	*	45 24.7	5930.0	3547.	59.	60.	13.*E	23.20.*E	114.3
	NCS0269		*	*	92 38.9	*	*	*	*	*N	41.25.*N	53.3

LOWER BALSAM LAKE	*W100024*	BALSAM BRANCH	*HR	*	45 26.9	240.0	131.	24.	32.	47.*E	0. *E	0.
	NCS0270		*	*	92 27.0	*	*	*	*	*N	.57.*N	2.1

BLACK BROOK	*W100050*	APPLE	*R	*POLK COUNTY	45 15.8	240.0	131.	18.	24.	1.*E	0. *E	0.
	NCS0271		*	*	92 24.2	*	*	*	*	*N	.41.*N	1.6

AMERY	*W100172*	APPLE	*R	*NORTHERN SUPPLY COMPANY	45 18.5	240.0	151.	7.	10.	5.*E	0. *E	0.
	NCS0272		*	*	92 21.6	*	*	*	*	*N	.17.*N	.7

COUNTY NAME: PORTAGE				FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH					

COB TOWN	*W100154*	HAUPACA	*	*	44 22.0	154.0	101.	11.	0.	0.*U	0. *U	0.
	NCC0218		*	*	89 12.0	*	*	*	*	*T	.21.*T	1.0

AMHERST	*W100155*	HAUPACA	*DR	*WIS POWER + LIGHT CO	44 25.0	92.0	60.	8.	9.	0.*U	0. *U	0.
	NCC0219		*	*	89 17.0	*	*	*	*	*T	.09.*T	.5

PAGEL MILL	*W100156*	HAUPACA	*	*	44 26.0	90.0	58.	9.	0.	0.*U	0. *U	0.
	NCC0220		*	*	89 17.0	*	*	*	*	*T	.10.*T	.5

NELSONVILLE	*W100157*	HAUPACA	*HR	*WIS POWER + LIGHT CO	44 29.0	62.0	40.	8.	9.	0.*U	0. *U	0.
	NCC0221		*	*	89 19.0	*	*	*	*	*T	.06.*T	.3

STEVENS POINT 2ND P43	*W100781*	WISCONSIN	*HR	*CONSOLIDATED WATER POWER	44 31.0	4964.0	4600.	18.	17.	12.*E	3.84.*E	25.0
	NCS0273		*	*	89 35.3	*	*	*	*	*N	16.89.*N	29.7

DUBAY 2WPS33	*W100784*	WISCONSIN	*HR	*CONSOLIDATED WATER POWER	44 39.9	4822.0	4317.	27.	25.	103.*E	7.20.*E	40.0
	NCS0274		*	*	89 39.0	*	*	*	*	*N	19.05.*N	37.2

L E G E N D

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(07/10/79)

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF WISCONSIN

(07/10/79)

PROJECT NAME	* IDENT * NUMBER	* NAME OF STREAM * OR RIVER	* PROJ * PURP	* OWNER	* LATITUDE * LONGITUDE	* DRAINAGE * AREA	* AVERAGE * ANNUAL * POWER	* NET * HEAD	* HEIGHT * DAM	* MAXIMUM * (1000 * AC FT)	* ENERGY * CAPACITY * (MW) * (3)
	(1)		(2)		(DM,M)	(SQ MI)	(CF3)	(FT)	(FT)		(3)

COUNTY NAME: RUSH				FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE				

MURRY	*WI00101*	*CHIPPEWA	*A		* 45 35.4 *	* 1265.0 *	* 1124. *	* 35. *	* 35. *	* 7. *U	* 0. *U
	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
	NCS0285				* 91 14.1 *					*T	* 6.22 *T
											* 27.6
AMACDY	*WI00422*	*TR CHIPPEWA	*CR	*TOWN OF STUB	* 45 24.5 *	* 1705.0 *	* 1471. *	* 15. *	* 20. *	* 9. *E	* 0. *E
	NCS0225			*BS	* 91 17.9 *					*N	* 3.72 *N
											* 14.6
LADYSMITH	*WI00791*	*FLAMBEAU	*HR	*LAKE SUPERIO	* 45 27.4 *	* 1940.0 *	* 1873. *	* 17. *	* 17. *	* 3. *E	* 1.80 *E
	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 *	* 1747. *	* 14. *	* 13. *	* 3. *E	* 1.40 *E
	NCS-IF0			*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
	NCS0227			*R DIST POWER	* 90 57.6 *					*N	* 9.06 *N
											* 21.6
FLAMBEAU 2WP683	*WI00794*	*FLAMBEAU	*HR	*DAIRYLAND PD	* 45 29.5 *	* 1910.0 *	* 1760. *	* 66. *	* 68. *	* 58. *E	* 15.00 *E
	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
	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
	NCS-IF0			* LIGHT CO	* 89 43.5 *					*N	* 26.85 *N
											* 74.2
DELL CREEK	*WI00055*	*DELL CREEK	*R	*UNIV OF WI A	* 43 36.2 *	* 81.0 *	* 49. *	* 16. *	* 22. *	* 2. *E	* 0. *E
	NCS0287			*LUMNI ASSOC	* 89 46.1 *					*N	* .14 *N
											* .6
DUTCH HOLLOW LAK	*WI00193*	*DUTCH HOLLOW CRE	*R	*BRANIGAR LAK	* 43 36.4 *	* 223.0 *	* 130. *	* 35. *	* 47. *	* 6. *E	* 0. *E
E	*NCS0288*	*EK		*E PRGP OF WI	* 90 10.7 *					*N	* .90 *N
											* .3
											* 1

L E G E N D

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SAWYER FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE
*****
SITE NO 28 *WI00089*FLAMBEAU *H * * 45 46.9 * 1080.0 * 1039. * 19. * 19. * 4. *U 0. *U 0.
*NCS0289 * * * 90 45.2 * * * * * * * *T 2.97 *T 12.4
SITE NO 27 *WI00090*FLAMBEAU *H * * 45 41.2 * 1744.0 * 1664. * 22. * 22. * 0. *U 0. *U 0.
*NCS0290 * * * 90 48.6 * * * * * * * *T 5.71 *T 24.2
SITE NO 26 *WI00091*FLAMBEAU *H * * 45 38.9 * 1619.0 * 1581. * 20. * 20. * 2. *U 0. *U 0.
*NCS0291 * * * 90 47.6 * * * * * * * *T 4.79 *T 20.5
SITE NO 25 *WI00092*FLAMBEAU *H * * 45 38.0 * 1794.0 * 1732. * 22. * 22. * 4. *U 0. *U 0.
*NCS0292 * * * 99 53.0 * * * * * * * *T 5.52 *T 24.6
SITE NO 24 *WI00093*FLAMBEAU *H * * 45 36.4 * 1789.0 * 1756. * 25. * 25. * 3. *U 0. *U 0.
*NCS0293 * * * 90 55.6 * * * * * * * *T 6.05 *T 27.7
LOWERS *WI00097*CHIPPEWA *H * * 45 48.7 * 790.0 * 703. * 29. * 29. * 8. *U 0. *U 0.
*NCS0294 * * * 91 4.7 * * * * * * * *T 3.26 *T 13.7
SITE NO 2 *WI00098*CHIPPEWA *H * * 45 47.4 * 795.0 * 707. * 19. * 19. * 2. *U 0. *U 0.
*NCS0295 * * * 91 9.3 * * * * * * * *T 2.18 *T 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 .32 *N 1.4
MOOSE LAKE *WI00195*WEST FORK CHIPPEWA *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 .31 *N 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 .13 *N .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 .28 *N .5
ARPIN *WI00796*CHIPPEWA *HR *NORTH CENTRA * 45 45.6 * 929.0 * 825. * 34. * 35. * 2. *E 1.45 *E 15.8
*NCS0300 * * * *L POWER CO * 91 12.1 * * * * * * * *N 2.93 *N 13.0
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L E G E N D

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * (10M.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ST CROIX FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE
*****
MOUND PLANT *W100028*WILLOW *R *STATE OF WI* 45 1.7 * 199.0* 41.* 32.* 43.* 1.*E 0.*E 0.
*NCS0304* * * *DNR * 92 38.9 * * * * *N .64*N 2.3
LITTLE FALLS NUM *W100053*WILLOW *R *WI DNR * 45 1.0 * 289.0* 60.* 17.* 23.* 2.*E 0.*E 0.
BER 3 *NCS0305* * * * * 92 42.4 * * * * *N .45*N 1.8
LOWER POWER *W100187*WILLOW *R *NORTHERN STA* 44 59.3 * 293.0* 60.* 10.* 14.* 2.*E 0.*E 0.
*NCS0306* * * *TES POWER CO* 92 45.8 * * * * *N .28*N 1.1
*****
COUNTY NAME: TAYLOR FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE
*****
MONDEAUX RIVER 2*W100824*MONDEAUX *R *USDA FS * 45 20.0 * 33.0* 30.* 7.* 10.* 6.*E 0.*E 0.
WP262 *NCS0307* * * * 90 27.0 * * * * *N .09*N .1
CHEQUAMEGON WATE *W100854*YELLOW *R *TAYLOR COUNT* 45 12.0 * 134.0* 77.* 9.* 12.* 30.*E 0.*E 0.
RS 2WP206 *NCS0308* * * *Y * 90 42.6 * * * * *N .21*N .3
*****
COUNTY NAME: TREMPLEALEU FERC POWER SUPPLY AREA 16 FERC REGIONAL OFFICE CODE
*****
TREMPLEALEU UNIT *W100602*MISSISSIPPI *N *DAEN NCS * 44 0. * 60000.0* 25800.* 5.* 7.* 57.*E 0.*E 0.
ED STATES NUMBER *NCS-IFO* * * * 91 26.3 * * * * *N 23.53*N 84.7
*****
COUNTY NAME: VERNON FERC POWER SUPPLY AREA 48 FERC REGIONAL OFFICE CODE
*****
WEST FORK KICKAP *W100416*WEST FORK KICKAP*CR *VERNON COUNT* 46 28.0 * 40.0* 1084.* 39.* 39.* 2.*E .04*E .2
DO 1 *NCS0309*DO * *Y SWCD * 11 0. * * * * *N 0.*N 0.
GENOA UNITED STA *W100803*MISSISSIPPI *N *DAEN NCS * 43 34.2 * 64700.0* 29115.* 7.* 11.* 197.*E 0.*E 0.
TES NUMBER 8 *NCS-IFO* * * * 91 13.9 * * * * *N 39.86*N 156.0
*****
L E G E N D

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

(07/10/79)

PROJECT NAME	* IDENT * * NUMBER * * (1) *	* NAME OF STREAM * * CK RIVER *	* PROJ * * PURP * * (2) *	* OWNER *	* LATITUDE * * LONGITUDE * * (DM,M) *	* DRAINAGE * * AREA * * (SQ MI) *	* AVERAGE * * ANNUAL * * (CFS) *	* NET * * POWER * * (FT) *	* HEIGHT * * OF * * (FT) *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MW) * * (3) *	* ENERGY * * (GWH) * * (3) *

COUNTY NAME: VILAS					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE				

BUCKATABON 1909C 361	*WI00804*	*BUCKATABON CREEK*	*OR	*WI VALLEY IM*	46 1.2	163.0	151.	6.	8.	14.	0.	0.
	NCS0310			*PROVEMENT CO*	89 18.7					*N	.17*	.7

COUNTY NAME: WASHBURN					FERC POWER SUPPLY AREA 16			FERC REGIONAL OFFICE CODE CH				

BIRCH LAKE	*WI00065*	*RED CEDAR	*R	*WASHBURN COU*	45 39.6	61.0	18.	14.	19.	11.	0.	0.
	NCS0311			*NTY	91 33.4					*N	.21*	.9
MINONG FLOWAGE	*WI00087*	*TOTAGATIC	*RH	*WASHBURN COU*	46 7.2	325.0	262.	13.	18.	22.	0.	0.
	NCS0312			*NTY	91 56.1					*N	.66*	2.9
TOTAGATIC WILDLIFE	*WI00217*	*TOTAGATIC	*R	*WI DNR	46 7.8	57.0	46.	7.	10.	3.	0.	0.
	NCS0313				91 33.6					*N	.10*	.4
LONG LAKE	*WI00325*	*BRILL	*R	*WASHBURN COU*	45 40.1	82.0	56.	6.	8.	110.	0.	0.
	NCS0314			*NTY	91 40.8					*N	.12*	.5
TREGO WP376	*WI00812*	*NAHEKAGON	*HR	*NORTHERN STA*	45 56.9	503.0	464.	31.	29.	6.	1.20*	7.0
	NCS0315			*TES POWER CO*	91 53.3					*N	1.19*	3.6

COUNTY NAME: WAUPACA					FERC POWER SUPPLY AREA 13			FERC REGIONAL OFFICE CODE CH				

GMEINER	*WIU0152*	*WAUPACA			44 20.0	191.0	125.	10.	0.	0.	0.	0.
	NCC0272				89 3.0					*T	.24*	1.2
FISHER-FALL GATT	*WIU0153*	*WAUPACA			44 21.0	186.0	122.	12.	0.	0.	0.	0.
ER	*NCC0273*				89 4.0					*T	.28*	1.4
CRYSTAL	*WIU0158*	*WAUPACA			44 19.0	90.0	58.	8.	9.	0.	0.	0.
	NCC0274				89 7.0					*T	.09*	.4
RURAL	*WIU0159*	*CRYSTAL			44 18.0	85.0	55.	7.	8.	0.	0.	0.
	NCC0275				89 9.0					*T	.07*	.4

L E G E N D												

- (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,
 U=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)

(07/10/79)

(1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
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 (2) O=DEBRIS CONTROL, P=FARM POND, Q=OTHER
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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F W I S C O N S I N

(07/10/79)

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*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: WINNEBAGO FERC POWER SUPPLY AREA 1 FERC REGIONAL OFFICE CODE CH
*****
MENASHA *WIO0814*FOX * *WHITING PAPE* 44 12.0 * 6040.0* 4045.* 10.* 14.* 1515.*E .25*E .5
*NCC0224* * *R CO * 88 27.0 * * * * *N 5.47*N 27.0
*****
COUNTY NAME: WOOD FERC POWER SUPPLY AREA 13 FERC REGIONAL OFFICE CODE
*****
FOUR MILE CREEK *WIO0032*FOUR MILE CREEK *HR * * 44 20.5 * 5502.0* 33.* 19.* 26.* 6.*E 2.92*E 14.0
*NCS0316* * * * 89 51.6 * * * * *N 21.62*N 50.7
*****
SOUTH WOOD COUNT *WIO0060*FOUR MILE CREEK *R *WOOD COUNTY * 44 21.4 * 69.0* 62.* 17.* 23.* 2.*E 0.*E 0.
Y PARK *NCS0317* * * * 89 45.4 * * * * *N .33*N .4
*****
DEXTERVILLE 2WP1 *WIO0659*YELLOW *R *WOOD COUNTY * 44 22.7 * 195.0* 106.* 11.* 15.* 4.*E 0.*E 0.
566 *NCS0318* * * * 90 7.0 * * * * *N .31*N .5
*****
BIRON WP71 *WIO0815*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 *WIO0616*WISCONSIN *HR *NEKOOSA EDWA* 44 22.1 * 5400.0* 4834.* 16.* 15.* 2.*E 3.20*E 13.2
9 *NCS0320* * *RDS PAPER CO* 89 51.3 * * * * *N 16.85*N 39.7
*****
WISCONSIN RAPIDS *WIO0617*WISCONSIN *HR *CONSOLIDATED* 44 23.8 * 5391.0* 4826.* 31.* 32.* 6.*E 4.68*E 25.0
2WP44 *NCS0321* * *WTR PWR CO * 89 49.3 * * * * *N 34.10*N 77.3
*****
NEKOOSA WP348 *WIO0818*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 *WIO0120*KICKAPOO *H * * 43 35.0 * 263.0* 739.* 10.* 10.* 91.*E .12*E .1
*NCS5000* * * * 90 39.0 * * * * *N .14*N .9
*****
L E G E N D

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(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 electrical 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 aggregate rating of all the generating equipment installed in the plant.

POTENTIAL HYDROELECTRIC POWER: The aggregate capacity capable of being developed by practical use of available 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

NATIONAL HYDROPOWER STUDY

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

U.S. Army Engineer Division
Missouri River
ATTN: Chris Garvey, MRDPD
P.O. Box 103 Downtown Station
Omaha, NE 68101
402-221-7267

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

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

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

U.S. Army Engineer Division
North Pacific
ATTN: Tom White, NPDPL
P.O. Box 2870
Portland, OR 97208
503-221-2088

U.S. Army Engineer Division
Ohio River
ATTN: Daniel E. Steiner, ORDPD-F
P.O. Box 1159
Cincinnati, OH 45201
513-684-3043

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

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

U.S. Army Engineer Division
South Pacific
ATTN: Ted Albrecht, SPDED-M
630 Sansome Street, Room 1216
San Francisco, CA 94111
415-556-5709

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

DISTRICT REPRESENTATIVES

NATIONAL HYDROPOWER STUDY

U.S. Army Engineer District
Vicksburg
ATTN: Hydro Study Rep
P.O. Box 60
Vicksburg, MS 39180
601-636-6744

U.S. Army Engineer District
Memphis
ATTN: Hydro Study Rep
668 Clifford Davis
Federal Building
Memphis, TN 38103
901-521-3233

U.S. Army Engineer District
New Orleans
ATTN: Hydro Study Rep
P.O. Box 60267
New Orleans, LA 70160
504-865-1121, x220

U.S. Army Engineer District
St. Louis
ATTN: Hydro Study Rep
210 North 12th Street
St. Louis, MO 63101
314-268-3385

U.S. Army Engineer District
Kansas City
ATTN: Hydro Study Rep
700 Federal Building
Kansas City, MO 64106
816-374-3062

U.S. Army Engineer District
Omaha
ATTN: Hydro Study Rep
6014 USPO & Courthouse
215 North 17th Street
Omaha, NE 68102
402-221-3900

U.S. Army Engineer District
Baltimore
ATTN: Hydro Study Rep
P.O. Box 1715
Baltimore, MD 21203
301-962-4713

U.S. Army Engineer District
New York
ATTN: Hydro Study Rep
26 Federal Plaza
New York, NY 10007
214-264-3567

U.S. Army Engineer District
Norfolk
ATTN: Hydro Study Rep
803 Front Street
Norfolk, VA 23510
804-446-3772

U.S. Army Engineer District
Philadelphia
ATT: Hydro Study Rep
U.S. Custom House
2nd & Chestnut Street
Philadelphia, PA 19106
215-597-4839

U.S. Army Engineer District
Buffalo
ATTN: Hydro Study Rep
1776 Niagara Street
Buffalo, NY 14207
716-876-5454, X2147

U.S. Army Engineer District
Chicago
ATTN: Hydro Study Rep
219 South Dearborn Street
Chicago, IL 60604
312-353-0789

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

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

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

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

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

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

U.S. Army Engineer District
Walla Walla
ATTN: Hydro Study Rep
Bldg 602
City-County Airport
Walla Walla, WA 99362
509-525-5500

U.S. Army Engineer District
Huntington
ATTN: Hydro Study Rep
P.O. Box 2127
Huntington, WV 25721
304-529-5639

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

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

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

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

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

U.S. Army Engineer District
Mobile
ATTN: Hydro Study Rep
P.O. Box 2288
Mobile, AL 36228
205-690-2781

U.S. Army Engineer District
Savannah
ATTN: Hydro Study Rep
P.O. Box 889
Savannah, GA 31402
912-233-8822, X378

U.S. Army Engineer District
Wilmington
ATTN: Hydro Study Rep
P.O. Box 1890
Wilmington, NC 28401
919-343-9971, X447

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

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

U.S. Army Engineer District
San Francisco
ATTN: Hydro Study Rep
211 Main Street
San Francisco, CA 94105
415-556-8550

U.S. Army Engineer District
Albuquerque
ATTN: Hydro Study Rep
P.O. Box 1580
Albuquerque, NM 87103
505-766-3225

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

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

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

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