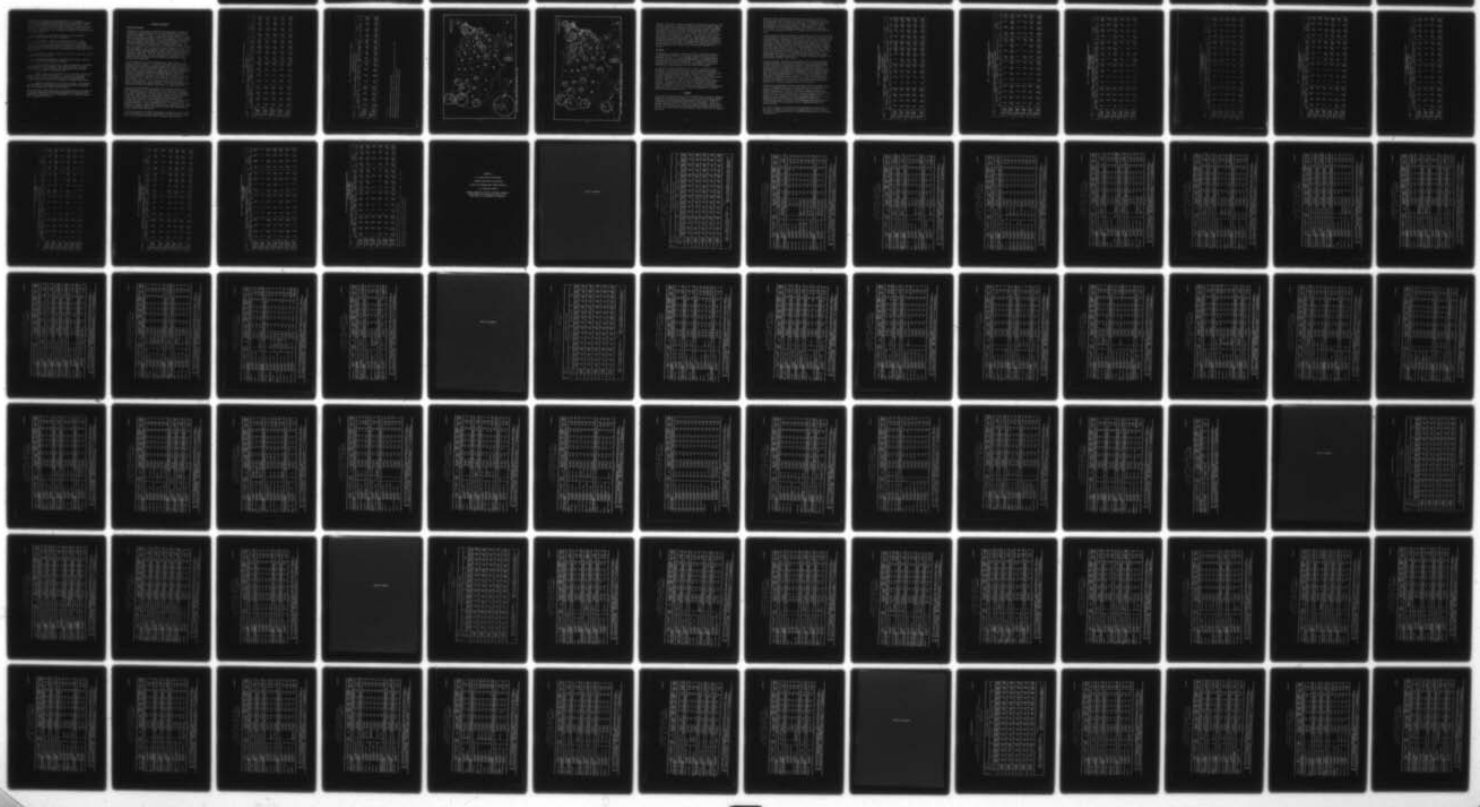
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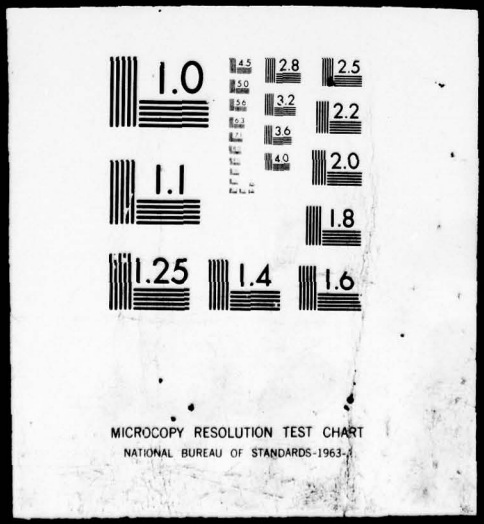




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NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

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The Preliminary Inventory of Hydropower Resources (PIHR) a preliminary product of the National Hydropower Study (NHS), was published in six (6) volumes (regions) to facilitate reproduction and distribution. The PIHR contains general as well as site-specific information on our nation's hydroelectric power potential. It gives estimates of existing, incremental and undeveloped hydropower potential by state and region and furthermore, breaks these categories down into size ranges of small-scale (.05-15 MW) intermediate (15-25 MW) and large-scale (greater than 25MW) sites. Because the inventory is a preliminary product of the NHS, it may CONT →

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be superseded at some future date.

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 estimated 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 compared.

b. The analysis technique of maximum net benefits, using incomplete project costs, 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 unacceptable fluctuations in the surface elevation of the reservoir or downstream flow.

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.

(10) Wayne R. / Sigler,
James R. / Hanchey
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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.

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

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

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

PURPOSE AND SCOPE

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

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

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

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

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

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

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

METHODS OF STUDY

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

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

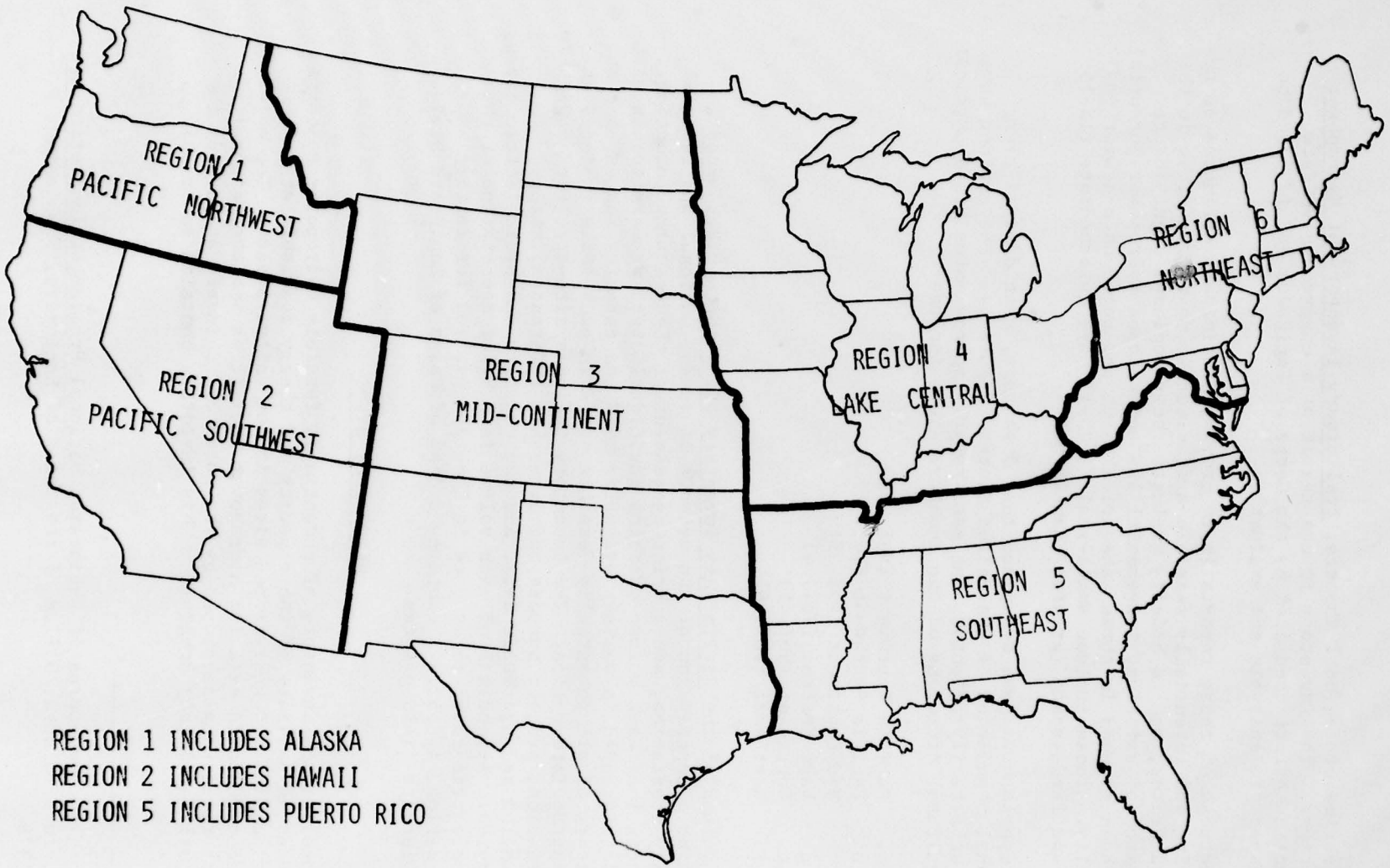


FIGURE 1: REGIONS AS DEFINED FOR THE PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

RESOURCE ASSESSMENT

National Potential

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

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

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

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

TABLE 1. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES

REGIONAL SUMMARIES

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

TABLE 1. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES

REGIONAL SUMMARIES (CONTINUED)

REGION	EXISTING,[1] POTENTIAL INCREMENTAL[2] AND UNDEVELOPED[3] CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	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	387	634	328	445	1,503	2,276	1,251	5,424	4,532	11,207
Cap. (MW)	2,957	5,455	8,010	16,422	1,517	3,320	7,722	12,559	59,230	85,859	338,217	483,306	63,702	94,636	353,948	512,286
Ener (GWH)	15,048	17,267	28,843	61,158	6,717	7,859	23,503	38,079	258,239	198,087	883,519	1,339,845	280,004	223,214	935,867	1,439,085

[1] Existing hydroelectric power facilities currently generating power.

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

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

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

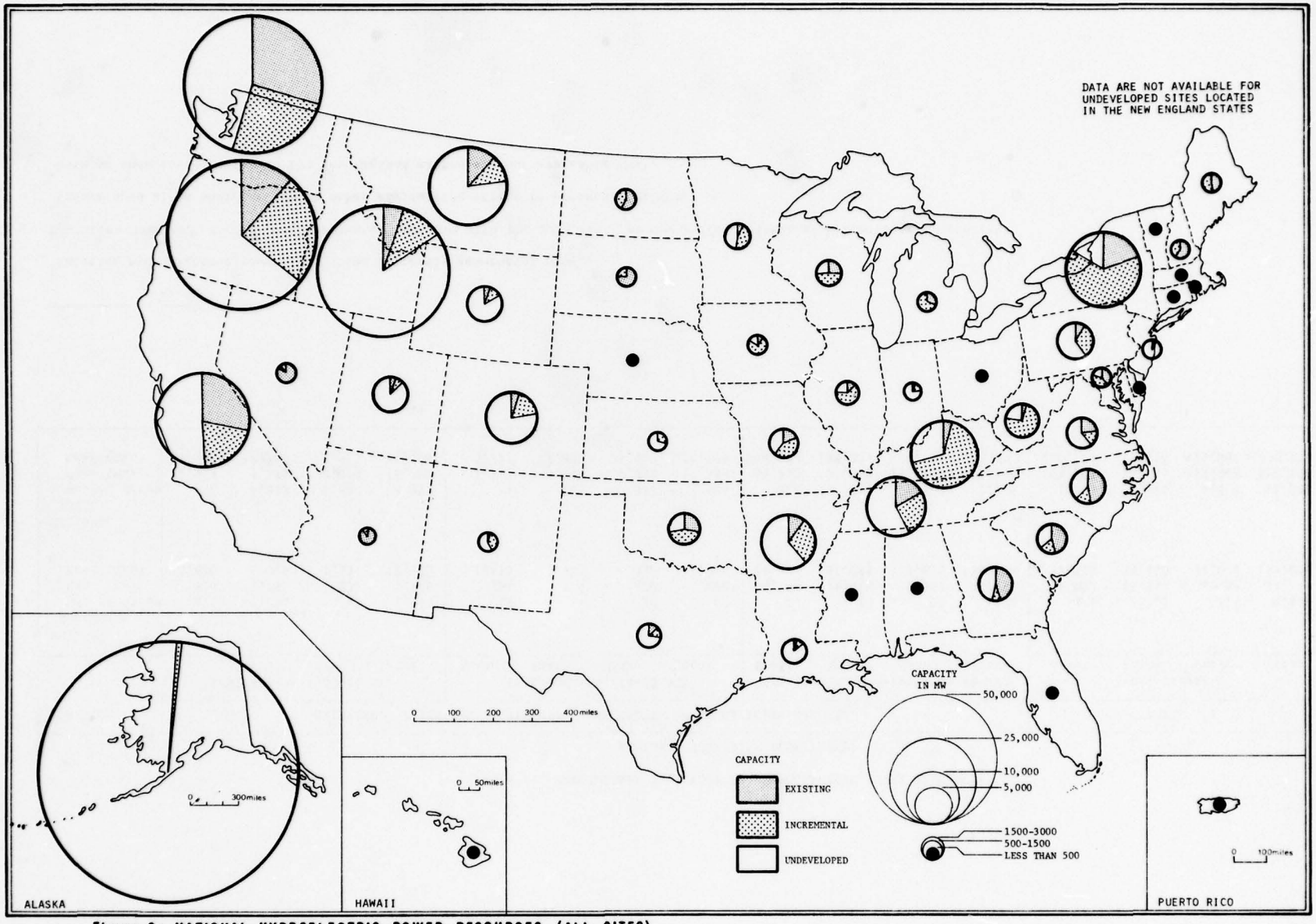


Figure 2: NATIONAL HYDROELECTRIC POWER RESOURCES, (ALL SITES)

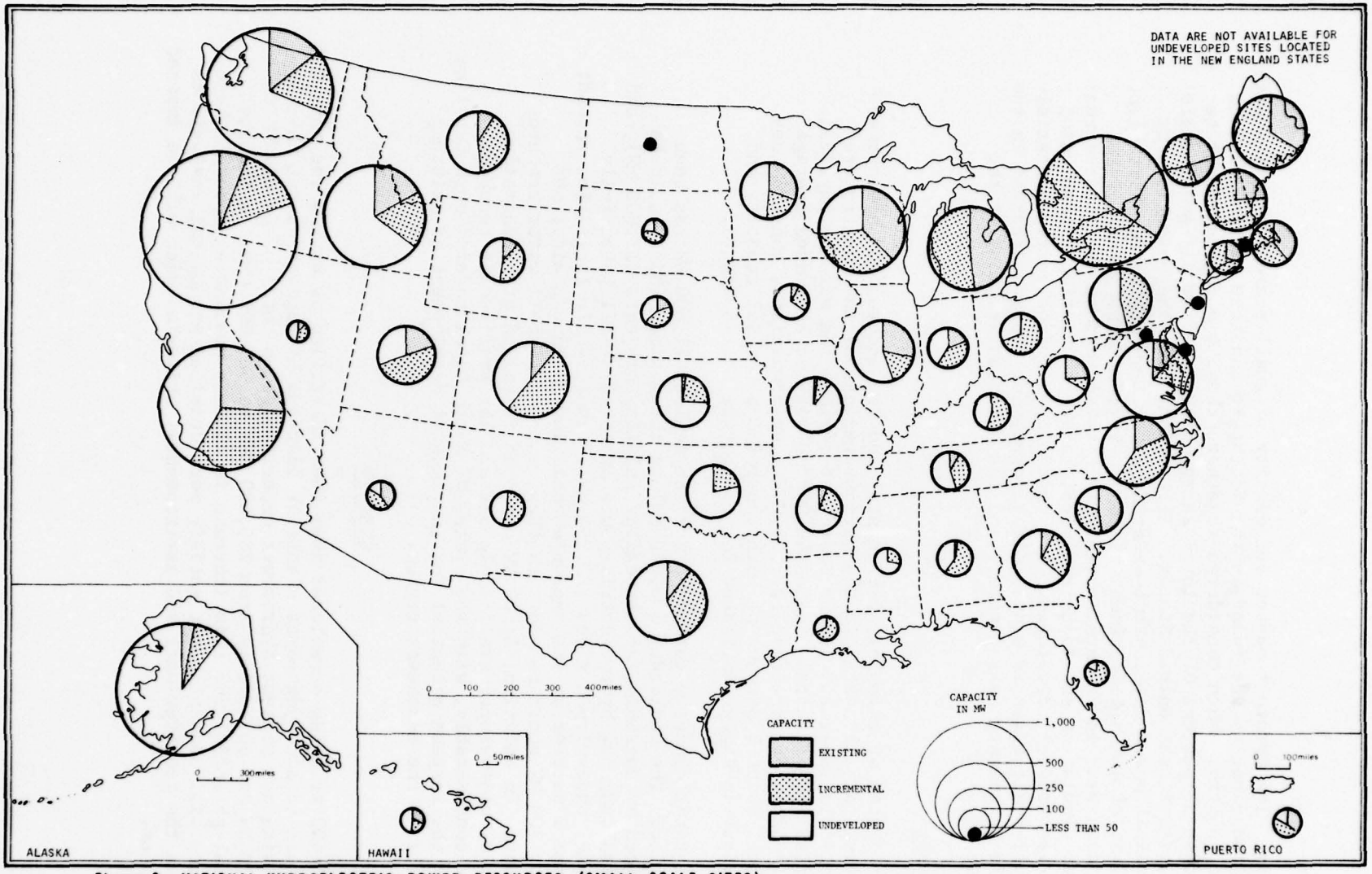


Figure 3: NATIONAL HYDROELECTRIC POWER RESOURCES, (SMALL-SCALE SITES)

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

Southeast

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

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

SUMMARY

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

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

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

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

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

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

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

VOL 1: PACIFIC NORTHWEST

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

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

VOL 2: PACIFIC SOUTHWEST

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[1]Existing hydroelectric power facilities currently generating power.

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

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

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

APPENDIX I

U.S. ARMY CORPS OF ENGINEERS

SUMMARY SHEET AND SITE SPECIFIC

LISTING OF HYDROELECTRIC POWER RESOURCES

BY STATE AND COUNTY

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

STATE OF ALABAMA

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

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

HEAD INCREMENT	CAPACITY/ENERGY	POTENTIAL INCREMENTAL CAPACITY RANGES															
		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP
0-19	NUMBER	0	11	0	11	0	0	0	0	0	0	0	0	0	11	0	11
	CAPCTY	0.0	9.5	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	9.5
	ENERGY	0.0	23.6	0.0	23.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	0.0	23.6
20-49	NUMBER	1	31	0	31	0	0	1	1	5	6	2	10	6	39	3	42
	CAPCTY	2.4	36.5	0.0	36.5	0.0	0.0	21.6	21.6	817	1407	90.1	1497	820	1444	112	1556
	ENERGY	6.5	106	0.0	106	0.0	0.0	55.5	55.5	3360	2778	250	3027	3367	2884	305	3189
50-99	NUMBER	0	10	5	15	0	1	0	1	10	11	3	14	10	22	8	30
	CAPCTY	0.0	23.7	18.3	42.0	0.0	20.7	0.0	20.7	1452	2603	168	2771	1452	2648	186	2833
	ENERGY	0.0	59.9	54.5	114	0.0	47.0	0.0	47.0	6330	4363	376	4740	6330	4470	431	4901
>100	NUMBER	0	0	3	3	0	1	4	5	0	0	3	3	0	1	10	11
	CAPCTY	0.0	0.0	30.3	30.3	0.0	20.3	86.4	107	0.0	0.0	167	167	0.0	20.3	283	304
	ENERGY	0.0	0.0	82.5	82.5	0.0	43.9	188	232	0.0	0.0	369	369	0.0	43.9	640	684
TOTAL	NUMBER	1	52	8	60	0	2	5	7	15	19	8	27	16	73	21	94
	CAPCTY	2.4	69.8	48.7	119	0.0	41.0	108	149	2269	4010	424	4435	2272	4121	581	4702
	ENERGY	6.5	190	137	327	0.0	91.0	244	335	9710	7141	995	8136	9717	7422	1376	8798

LEGEND

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

PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: BALDWIN					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
TCI LAKE	AL00034	ROANS CREEK	R	TENNESSEE CO	30 41.6	8.0	17.	15.	20.	3.	E 0.	E 0.
	SAM0001			AL AND IRON	87 43.5						N .05	N .2
COUNTY NAME: BLOUNT					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT					
SMITHS FORD	AL00006	LOCUST FORK			34 0.	575.0	1063.	135.	163.	508.	U 0.	U 0.
	SAM0002				87 0.						T 45.73	T 83.6
BLOUNTSVILLE	AL00007	LOCUST FORK			34 0.	274.0	396.	114.	154.	393.	U 0.	U 0.
	SAM0003				86 .6						T 8.87	T 25.7
AUSTIN CREEK	AL00008	LOCUST FORK			34 0.	295.0	545.	93.	93.	0.	U 0.	U 0.
	SAM0004				87 0.						T 6.57	T 21.7
INLAND LAKE	AL01167	BLACKBURN FORK L	S H	CITY OF BIRM	33 50.2	69.0	114.	58.	70.	72.	E 0.	E 0.
	SAM0005	ITTLE WARRIOR		INGHAM	86 33.0						N 1.38	N 3.4
HIGHLAND LAKE	AL01166	BLACKBURN FORK L	R	HIGHLAND LAK	33 52.8	29.0	48.	43.	50.	9.	E 0.	E 0.
	SAM0006	ITTLE WARRIOR		E COMPANY	86 26.0						N .51	N 1.1
SKYVIEW LAKE	AL01170	HOGELAND CREEK	R D	H. J. SANKIS	33 50.8	4.0	245.	28.	35.	2.	E 0.	E 0.
	SAM0007			ESTATE	86 46.8						N 1.47	N 3.9
OSBORN LAKE	AL01176	TR-GRAVES CREEK	R	MILDRED OSBO	34 5.9	1.0	61.	50.	60.	2.	E 0.	E 0.
	SAM0008			RN	86 31.9						N .01	N 1.8
COUNTY NAME: CALHOUN					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
NONAME DAM	AL00004	CHOCCOLOCCO CREE	C	TIMBER AND O	33 49.0	21.0	53.	49.	66.	7.	E 0.	E 0.
	SAM0009	K		RE LAND CO	85 37.0						N .29	N 1.0
ANNISTON LAKE	AL00910	HILLABEE CREEK	S C	ANNISTON UTI	33 34.6	15.0	918.	11.	15.	9.	E 0.	E 0.
	SAM0010			LITY BOARD	85 45.2						N 2.71	N 6.1

LEGEND

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

PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH)
COUNTY NAME: CALHOUN					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
HENRY RESERVOIR	AL01416	COOSA RIVER	H R	ALABAMA POWE	33 46,9	6600,0	10967,	48,	57,	109,E	72,90E	210,7
	SAM0011		R CO	R CO	86 3,1					N	73,72N	158,5
COUNTY NAME: CHAMBERS					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
CHAMBERS COUNTY	AL00543	WILCAT CREEK	R	STATE OF ALA	32 49,0	4,0	15,	25,	34,	4,E	0, E	0,
PUBLIC LAKE	SAM0012			BAMA	85 20,9					N	,08N	,2
COUNTY NAME: CHEROKEE					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LITTLE RIVER	AL00004	LITTLE RIVER			34 0,	119,0	172,	325,	440,	33,U	0, U	0,
	SAM0013				86 0,					T	14,71T	34,2
MILLS	AL00014	MILLS CREEK			34 0,	65,0	97,	83,	83,	0,U	0, U	0,
	SAM0014				86 0,					T	1,98T	4,8
TERRAPIN CREEK L	AL00580	FROG CREEK	C	KIMBERLEY CL	33 59,8	21,0	33,	16,	21,	5,E	0, E	0,
AKE NO 5	SAM0015			ARK	85 34,2					N	,09N	,3
WEISS RESERVOIR	AL01415	COOSA	HCR	ALABAMA POWE	34 10,3	5270,0	8757,	47,	64,	1433,E	87,80E	206,0
	SAM0016			R CO	85 45,2					N	26,51N	61,9
COUNTY NAME: CHILTON					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT					
WAXAHATCHEE	AL00012	WAXAHATCHEE CREE			33 0,	174,0	268,	54,	54,	0,U	0, U	0,
	SAM0017	K			87 0,					T	2,95T	8,4
LAY LAKE	AL01418	COOSA	H R	ALABAMA POWE	32 57,8	9087,0	15131,	88,	103,	265,E	177,00E	581,4
	SAM0018		R CO	R CO	86 30,8					N	211,13N	337,2

LEGEND

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

PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

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

LEGEND

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(2) = PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
(3) = E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) = U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: COLBERT					FERC POWER SUPPLY AREA 20					FERC REGIONAL OFFICE CODE AT		
FAWN LAKE	ALU00032	HENSON CK	CR	FAWN FARM ES	34 39.5	1.0	61.	10.	25.	1.	E 0.	E 0.
	DRN00001			TATE	87 53.2						N .30	N .7
COUNTY NAME: COOSA					FERC POWER SUPPLY AREA 22					FERC REGIONAL OFFICE CODE		
HATCHET	ALU00011	HATCHET CREEK			33 0.	359.0	576.	153.	153.	0.	U 0.	U 0.
	SAM00029				86 0.						T 21.88	T 54.5
MEOGUFKA	ALU00019	MEOGUFKA CREEK			33 0.	111.0	178.	95.	95.	0.	U 0.	U 0.
	SAM00030				86 0.						T 3.52	T 10.0
LAKE MITCHELL	ALU01424	COOSA	MRCN	ALABAMA POWE	32 47.0	9778.0	15723.	74.	99.	250.	E 72.50	E 354.5
	SAM00031			N COMPANY	86 30.0						N 260.93	N 446.5
COUNTY NAME: COVINGTON					FERC POWER SUPPLY AREA 22					FERC REGIONAL OFFICE CODE		
GANTT LAKE	ALU01414	CONECUH RIVER	H R	ALABAMA ELEC	31 24.4	647.0	914.	30.	35.	30.	E 2.40	E 6.5
	SAM00032			TRIC COOP	86 28.9						N 2.45	N 8.9
COUNTY NAME: CULLMAN					FERC POWER SUPPLY AREA 22					FERC REGIONAL OFFICE CODE AT		
DORSEY CREEK	ALU00005	MULBERRY FORK			33 50.6	550.0	1017.	100.	135.	420.	U 0.	U 0.
	SAM00033				87 0.						T 32.27	T 59.0
ARKADELPHIA	ALU00017	MULBERRY FORK			34 0.	550.0	1017.	102.	102.	0.	U 0.	U 0.
	SAM00034				87 0.						T 32.99	T 60.3
FOREST INGRAM LAKE	ALU00975	BRINDLEY CREEK	R	FORREST INGR	34 9.0	17.0	1040.	75.	90.	5.	E 0.	E 0.
	SAM00035			AM POULTRY	86 45.6						N 20.74	N 47.1
LAKE GEORGE	ALU00976	BRIDGE CREEK	S R	CITY OF CULL	34 13.4	5.0	306.	37.	45.	5.	E 0.	E 0.
	SAM00036			MAN	86 50.3						N 2.24	N 6.3

LEGEND

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,S)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CULLMAN					FERC POWER SUPPLY AREA 22					FERC REGIONAL OFFICE CODE		
LAKE CATOMA	AL00977	EIGHT MILE CREEK	S R	CITY OF CULL	34 11.0	30.0	50.	75.	90.	24.	E 0.	E 0.
	SAM0037			MAN	86 46.5						N .68	N 2.0
COUNTY NAME: DEKALB					FERC POWER SUPPLY AREA 20					FERC REGIONAL OFFICE CODE AT		
DEKALB COUNTY LAKE	ALU0031	SOUTH SAUTY CK	R	STATE PARK	34 34.6	2.0	122.	27.	37.	2.	E 0.	E 0.
	ORN0002				85 48.4						N .60	N 2.0
COUNTY NAME: ELMORE					FERC POWER SUPPLY AREA 22					FERC REGIONAL OFFICE CODE AT		
WALLAHATCHEE	ALU0021	TALLAPOOSA RIVER			33 0.	3320.0	4915.	32.	32.	0.	U 0.	U 0.
	SAM0038				86 0.						T 28.32	T 107.8
SPEIGNER LAKE	AL00707	HURTOR CREEK	R	STATE OF ALA	32 34.1	45.0	78.	19.	25.	7.	E 0.	E 0.
	SAM0039			BAMA	86 20.8						N .28	N 1.0
JORDAN LAKE DIVERSION	AL01419	COOSA	H	ALABAMA PWR	32 34.6	4.0	15.	44.	52.	230.	E 225.00	E 822.0
	SAM0040			CO	86 16.7						N 0.	N 0.
JORDAN LAKE	AL01423	COOSA	H R	ALABAMA POWE	32 37.1	10092.0	16228.	94.	110.	230.	E 100.00	E 195.5
	SAM0041			R CO	86 15.5						N 333.60	N 846.2
COUNTY NAME: FRANKLIN					FERC POWER SUPPLY AREA 20					FERC REGIONAL OFFICE CODE AT		
BEAR CK RESERVOIR	ALU0024	BEAR CK	CRSU	TVA	34 23.9	231.0	392.	38.	52.	40.	E 0.	E 0.
	ORN0003				87 59.5						N 2.78	N 8.0
LITTLE BEAR CK. RESERV.	ALU0025	LITTLE BEAR CK.	CRU	TVA	34 27.3	61.0	99.	51.	69.	53.	E 0.	E 0.
	ORN0004				87 58.6						N 1.27	N 3.1
CEDAR CK. RESERVOIR	ALU0026	CEDAR CK.	CRU	TVA	34 32.7	179.0	333.	61.	83.	112.	E 0.	E 0.
	ORN0005				87 58.5						N 3.62	N 10.9

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: HALE					FERC POWER SUPPLY AREA 22					FERC REGIONAL OFFICE CODE		
WARRIOR LAKE	AL01429	BLACK WARRIOR RI	N R	DAEN SAM	32 46.7	5800.0	9574.	54.	65.	59.	E 0.	E 0.
	SAM0042	VER			87 50.5						N 127.27	N 285.6
COUNTY NAME: HENRY					FERC POWER SUPPLY AREA 22					FERC REGIONAL OFFICE CODE		
LAKE EUFAULA	AL01432	CHATTAHOOCHEE RI	NHHC	DAEN SAM	31 37.6	7304.0	9749.	86.	101.	934.	E 130.00	E 436.0
	SAM0043	VER			85 3.8						N 68.37	N 120.9
COUNTY NAME: HOUSTON					FERC POWER SUPPLY AREA 22					FERC REGIONAL OFFICE CODE		
GEORGE W ANDREWS LAKE	AL01433	CHATTAHOOCHEE RI	N R	DAEN SAM	31 15.6	8210.0	10869.	37.	43.	18.	E 0.	E 0.
	SAM0044	VER			85 6.6						N 94.53	N 265.4
COUNTY NAME: JEFFERSON					FERC POWER SUPPLY AREA 22					FERC REGIONAL OFFICE CODE AT		
SAYRE	AL00009	LOCUST FORK			33 42.9	150.0	248.	80.	80.	0.	U 0.	U 0.
	SAM0045				87 0.						T 3.34	T 9.6
OAK GROVE	AL00013	VALLEY CREEK			34 0.	190.0	351.	173.	173.	0.	U 0.	U 0.
	SAM0046				87 0.						T 19.33	T 35.3
BAYVIEW LAKE	AL01256	VILLAGE CREEK	S R	T. C. I., US STEEL CO.	33 34.4	69.0	114.	61.	74.	49.	E 0.	E 0.
	SAM0047				86 59.3						N 1.45	N 3.6
LAKE SUEANN	AL01287	TR-GURLEY CREEK	O R	LAKE SUEANN ESTATES	33 46.3	1.0	61.	55.	66.	2.	E 0.	E 0.
	SAM0048				86 40.4						N .88	N 2.0
TAILINGS POND NO. 2	AL01302	TR-COAL CREEK	O	MAXINE MININ G CO.	33 35.0	1.0	61.	57.	70.	1.	E 0.	E 0.
	SAM0049				87 9.1						N .91	N 2.1

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **LAUDERDALE**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
WILSON LAKE	ALU0027	TENNESSEE RIVER	NCHR	TVA	34 47,8	30750,0	52020,	86,	116,	641,	E 629,80	E 3099,9
	ORN0006				87 37,5						N 491,73	N 32,1
WHEELER LAKE	ALU0026	TENNESSEE RIVER	NCHR	TVA	34 47,9	29590,0	50058,	44,	60,	1071,	E 356,40	E 1712,5
	ORN0007				87 22,9						N 0,	N 0,
SHARPS MILL POND	ALU0030	LITTLE CYPRESS C	OR	SHARPS MILL	34 54,5	34,0	55,	13,	18,	0,	E 0,	E 0,
	ORN0008	K		WHITE ESTATE	87 42,3						N ,18	N ,4
COUNTY NAME: **LAWRENCE**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
MASTERSON MILL LAKE	ALU0034	CLEAR CK	SR	MOULTON CITY WATER CO	34 32,3	27,0	44,	26,	35,	1,	E 0,	E 0,
	ORN0009				87 17,0						N ,29	N ,7
COUNTY NAME: **LEE**					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
AUBURN CITY LAKE	AL00380	CHEWALLA-CREEK	S R		32 32,8	31,0	42,	37,	46,	6,	E 0,	E 0,
	SAM0050				85 26,8						N ,35	N ,9
OPELIKA CITY LAKE	AL00363	SOUGAHATCHEE CRE	R S		32 40,0	18,0	24,	32,	38,	9,	E 0,	E 0,
E	SAM0051	EK			85 26,3						N ,17	N ,4
COUNTY NAME: **LIMESTONE**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
SUGAR CREEK	ALU0023	ELK RIVER			34 53,0	1949,0	2974,	77,	80,	1360,	U 0,	U 0,
	ORN0010				87 6,2						T 72,99	T 157,5
COUNTY NAME: **LOWNDES**					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
JONES BLUFF LAKE	AL01434	ALABAMA RIVER	NHR	DAEN SAM	32 19,4	16300,0	25210,	60,	70,	234,	E 0,	E 0,
	SAM0052				86 47,0						N 402,70	N 1047,8

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: MADISON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
MADISON COUNTY LAKE	ALU0033	TR-HURRICANE CK	R	STATE OF ALABAMA	34 48,3	2.0	122.	26.	35.	2.*E	0. *E	0.
	ORN0011				86 23,7					*N	.76*N	1.9
COUNTY NAME: MARION												
UPPER BEAR CREEK RESERVOIR	ALO1408	BEAR CREEK	RSO	TVA	34 16,5	11.0	17.	52.	71.	37.*E	0. *E	0.
	SAM0053				87 41,7					*N	.25*N	.6
COUNTY NAME: MARSHALL					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
GUNTERSVILLE LAKE	ALU0029	TENNESSEE RIVER	NCHR	TVA	34 25,3	24450.0	41941.	55.	74.	1052.*E	97.20*E	799.7
E	ORN0012				86 23,6					*N	410.05*N	801.3
COUNTY NAME: MONROE					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
CLAIBORNE LAKE	ALO1436	ALABAMA RIVER	N R	DAEN SAM	31 36,9	21520.0	32454.	30.	35.	96.*E	0. *E	0.
	SAM0054				87 33,0					*N	261.26*N	678.8
COUNTY NAME: RANDOLPH					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT					
EAGLE CREEK	ALU0002	TALLAPOOSA RIVER			33 0,	2036.0	3178.	78.	105.	300.*U	0. *U	0.
	SAM0055				86 0,					*T	62.24*T	159.9
MALONE FERRY	ALU0015	TALLAPOOSA RIVER			33 0,	1615.0	2521.	34.	34.	0.*U	0. *U	0.
	SAM0056				86 0,					*T	21.63*T	55.6
COUNTY NAME: SHELBY					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
LAKE PURDY	ALO1311	LITTLE CAHABA RI	SRC	BHAM MUN WAT	33 27,6	37.0	61.	41.	50.	26.*E	0. *E	0.
	SAM0057	VER		ER SERV CORP	86 40,1					*N	.62*N	1.4

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: SHELBY				FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE						
OAK MOUNTAIN NEW LAKE	AL01316 SAM0056	TR CAHABA VALLEY CREEK	R	STATE PARK	33 19,8 86 45,3	2,0	8,*	31,*	40,*	2,*E *N	0, *E .06*N	0, .1
LAKE WEHAPA	AL01337 SAM0059	SHOAL CREEK	R O	WEHAPA REAL ESTATE CO	33 28,6 86 33,9	10,0	612,*	41,*	50,*	4,*E *N	0, *E 4,22*N	0, 13,4
SMYERS LAKE NUMBER ONE	AL01338 SAM0060	SHOAL CREEK	R O	SMYERS LAKE PROPERTY CO	33 27,5 86 35,1	6,0	367,*	41,*	50,*	2,*E *N	0, *E 2,90*N	0, 8,3
FLETCHER ESTATE LAKE	AL01353 SAM0061	TR CAHABA RIVER	R O	FLETCHER PROPERTIES INC	33 24,7 86 43,1	2,0	122,*	28,*	35,*	2,*E *N	0, *E ,83*N	0, 2,0
TULLEYS ESTATE LAKE	AL01354 SAM0062	ACTON CREEK	R O	TULLEYS REAL ESTATE CO	33 22,1 86 46,0	4,0	15,*	28,*	35,*	2,*E *N	0, *E ,10*N	0, ,2
COUNTY NAME: ST CLAIR				FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE						
LOGAN MARTIN RESERVOIR	AL01417 SAM0063	COOSA	HCR	ALABAMA POWER CO	33 25,8 86 20,2	7770,0	12938,*	55,*	75,*	642,*E *N	128,20*E 81,94*N	400,2 97,1
COUNTY NAME: TALLADEGA				FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE						
CHEALA NO, 4	AL00007 SAM0064	FAYNE CREEK	C	US PIPE AND FOUNDRY CO	33 26,0 85 57,0	6,0	367,*	48,*	65,*	2,*E *N	0, *E 3,26*N	0, 9,6
CHEALA NO, 5	AL00008 SAM0065	HORSE CREEK	C	CG ARMSTRONG	33 28,0 85 57,0	11,0	673,*	49,*	66,*	4,*E *N	0, *E 5,19*N	0, 17,2
CHEAHA LAKE NO 6	AL01079 SAM0066	CHEAHA CREEK	C	USDA FS	33 28,2 85 56,8	26,0	43,*	10,*	14,*	10,*E *N	0, *E ,09*N	0, ,2
LAKE HOWARD	AL01044 SAM0067	TR TALLASEEHATCHEE CREEK	R S	SYLACAUGA WATER WORKS	33 12,3 86 11,7	35,0	58,*	52,*	65,*	6,*E *N	0, *E ,72*N	0, 1,6

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER* (1)	NAME OF STREAM OR RIVER	PROJ PURP* (2)	OWNER	LATITUDE LONGITUDE* (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET HEIGHT* POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY* (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: TALLAPOOSA					FERC POWER SUPPLY AREA 22			FERC REGIONAL OFFICE CODE AT				
BRIDGEVIEW	ALU0003	TALLAPOOSA RIVER			34 0,	4637.0	6717,	35,	35,	0,	U 0,	U 0,
	SAM0068				89 0,						T 61.62	T 141.8
EMUCKFAW	ALU0020	TALLAPOOSA RIVER			33 0,	2123.0	3314,	105,	105,	0,	U 0,	U 0,
	SAM0069				86 0,						T 87.80	T 225.6
YATES RESERVOIR	AL01421	TALLAPOOSA	H R	ALABAMA PWR	32 34,5	3265.0	4834,	51,	80,	26,	E 32.00	E 138.3
	SAM0070			CO	85 53,9						N 12.38	N 30.7
COUNTY NAME: TUSCALOOSA					FERC POWER SUPPLY AREA 22			FERC REGIONAL OFFICE CODE AT				
NORTH RIVER	ALU0001	NORTH RIVER			33 0,	418.0	658,	108,	146,	500,	U 0,	U 0,
	SAM0071				87 0,						T 20.93	T 41.6
TUSCALOOSA COUNTY PUBLIC LAKE	AL01108	TH BIG CREEK	R	STATE OF ALA	33 17,2	4.0	9,	33,	40,	3,	E 0,	E 0,
	SAM0072			BAMA	87 41,0						N ,07	N ,2
LAKE NICOL	AL01111	YELLOW CREEK	S R	CITY OF TUSC	33 17,4	23.0	38,	41,	50,	7,	E 0,	E 0,
	SAM0073			ALOOSA	87 29,0						N ,40	N ,9
DREAM LAKE NUMBER THREE	AL01122	ROCKCASTLE CREEK	R D	SHORELINE PR	33 17,2	5.0	19,	29,	35,	2,	E 0,	E 0,
	SAM0074			OPERTY OWNER	87 8,5						N ,13	N ,2
LAKE TUSCALOOSA	AL01137	NORTH RIVER	SCN	CITY OF TUSC	33 16,3	418.0	618,	110,	132,	325,	E 0,	E 0,
	SAM0075			ALOOSA	87 30,7						N 20.31	N 44.0
LAKE HARRIS	AL01150	YELLOW CREEK	R S	CITY OF TUSC	33 15,9	30.0	50,	28,	35,	2,	E 0,	E 0,
	SAM0076			ALOOSA	87 28,0						N ,34	N ,8
HOLT LAKE	AL01426	BLACK WARRIOR RI	NHR	DAEN SAM	33 15,2	4248.0	7012,	91,	108,	118,	E 40.00	E 164.5
	SAM0077	VER			87 27,0						N 121.21	N 192.4
LAKE BANKHEAD	AL01427	BLACK WARRIOR RI	NHR	DAEN SAM	33 27,4	3990.0	6586,	87,	103,	296,	E 45.50	E 160.0
	SAM0078	VER			87 21,3						N 94.15	N 156.2

LEGEND

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ALABAMA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: TUSCALOOSA					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
WILLIAM BACON OLIVER LAKE	AL01428 SAM0079	BLACK WARRIOR RIVER	N R	DAEN SAM	33 12.6 87 35.1	4830.0	7973.	40.	49.	14.	E 0. N 75.13	E 0. N 175.0
COUNTY NAME: WALKER					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT					
BOLDO	AL00016 SAM0080	BLACKWATER CREEK			34 0. 87 0.	232.0	429.	125.	125.	0.	U 0. T 6.78	U 0. T 22.6
WALKER COUNTY LAKE	AL00885 SAM0081	TRIBUTARY OF CHANE CREEK	R	ALA DEPT CONSERVATION	33 47.7 87 13.7	2.0	122.	32.	40.	3.	E 0. N .95	E 0. N 2.3
LITTLE CREEK MINE LAKE	AL00892 SAM0082	LITTLE CREEK	D	PEABODY MINE COMPANY	33 48.7 87 2.6	4.0	245.	31.	40.	2.	E 0. N 1.62	E 0. N 4.4
COUNTY NAME: WILCOX					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE					
WILLIAM "BILL" DANNELLY LAKE	AL01435 SAM0083	ALABAMA RIVER	NHR	DAEN SAM	32 6.1 87 24.0	20700.0	32016.	47.	55.	332.	E 75.00 N 326.82	E 429.0 N 616.5

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STATE OF ARKANSAS

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

HEAD (FT)		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP
0-19	NUMBER	0	25	5	30	0	0	0	0	0	7	4	11	0	32	9	41
	CAPCTY	0.0	3.9	4.5	8.4	0.0	0.0	0.0	0.0	0.0	1209	1913	3122	0.0	1215	1918	3131
	ENERGY	0.0	8.7	18.2	27.0	0.0	0.0	0.0	0.0	0.0	2595	6788	9383	0.0	2604	6806	9410
20-49	NUMBER	0	42	19	61	0	0	0	0	2	4	6	10	2	46	25	71
	CAPCTY	0.0	12.1	15.7	27.9	0.0	0.0	0.0	0.0	224	1394	3441	4835	224	1406	3456	4863
	ENERGY	0.0	20.7	44.3	65.1	0.0	0.0	0.0	0.0	1042	2425	11879	14304	1042	2445	11923	14369
50-99	NUMBER	1	19	11	30	0	1	1	2	1	1	3	4	2	21	15	36
	CAPCTY	11.0	22.9	38.1	61.0	0.0	23.7	15.6	39.4	58.0	120	186	305	69.0	166	240	406
	ENERGY	43.1	84.7	135	220	0.0	30.2	48.6	78.9	89.1	201	466	667	132	316	649	965
>100	NUMBER	0	3	15	18	0	2	10	12	7	1	4	5	7	6	29	35
	CAPCTY	0.0	11.8	84.4	96.2	0.0	43.5	203	246	787	44.7	334	379	787	100	621	721
	ENERGY	0.0	30.8	214	245	0.0	75.1	344	420	1625	17.7	692	709	1625	124	1250	1374
TOTAL	NUMBER	1	89	50	139	0	3	11	14	10	13	17	30	11	105	78	183
	CAPCTY	11.0	50.8	143	194	0.0	67.2	218	286	1069	2768	5874	8641	1080	2886	6235	9121
	ENERGY	43.1	145	412	557	0.0	105	393	498	2756	5239	19024	25062	2800	5489	20629	26118

POTENTIAL INCREMENTAL CAPACITY RANGES

LEGEND

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

PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ARKANSAS					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
DRY LAKE DAM	ARO0537	TR WHITE RIVER	U	DOI BSFW	34 6.0	12.0	15.	14.	18.	5.*E	0. *E	0.
	LMM0001				91 10.0					*N	.07*N	.1
TARLETON CREEK DAM	ARO0539	TR WHITE RIVER	O	DOI BSFW	34 15.0	28.8	86.	20.	23.	2.*E	0. *E	0.
	LMM0002				91 7.0					*N	.51*N	1.0
COUNTY NAME: ASHLEY					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
BEARHOUSE CR RES	ARU0138	BEARHOUSE CR	CR	DAEN LMK	33 21.0	107.0	122.	21.	29.	63.*U	0. *U	0.
	LMK0001				91 38.0					*T	.74*T	1.7
BEECH CR RES	ARU0139	BEECH CR	CR	DAEN LMK	33 8.0	21.0	26.	26.	35.	13.*U	0. *U	0.
	LMK0002				91 39.0					*T	.34*T	.3
COUNTY NAME: BAXTER					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
COTTER	ARU0001	WHITE	CH		36 16.5	7070.0	6150.	44.	38.	0.*U	0. *U	0.
	SWL0001				92 31.0					*T	84.76*T	202.4
CHASTAIN	ARU0172	WHITE RIVER	HN		36 9.5	9911.0	11200.	50.	68.	48.*U	0. *U	0.
	SWL0003				92 15.0					*T	118.83*T	334.5
NORFORK	ARO0159	NORTH FORK OF TH	CH	DAEN SWL	36 15.0	1806.0	2159.	174.	206.	1983.*E	70.00*E	184.0
	SWL0004	E WHITE RIVER			92 14.4					*N	48.79*N	17.7
BULL SHOALS	ARO0160	WHITE RIVER	CH	DAEN SWL	36 21.8	6036.0	6030.	198.	243.	5408.*E	340.00*E	785.0
	SWL0005				92 34.4					*N	0. *N	0.
COUNTY NAME: BENTON					FERC POWER SUPPLY AREA 35		FERC REGIONAL OFFICE CODE FW					
LAKE ANN	ARO0264	PINION CREEK	R		36 28.5	9.0	7.	44.	55.	4.*E	0. *E	0.
	SWT0001				94 13.8					*N	.06*N	.1

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **BENTON**					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
LAKE WINDSOR DAM	AR00265	TANYARD CREEK	R		36 28.2	11.0	9.	63.	81.	7. *E	0. *E	0.
	SWT0002				93 15.5					*N	.11*N	.2
COUNTY NAME: **BOONE**					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
WAR EAGLE	ARU0143	WAR EAGLE CREEK			36 12.0	328.0	366.	100.	100.	0. *U	0. *U	0.
	SWL0006				93 56.0					*T	4.44*T	14.2
COUNTY NAME: **BRADLEY**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
EAST FORK	ARU0173	EAST FORK CROOKE			36 9.0	7.8	6.	73.	73.	0. *U	0. *U	0.
	SWL0007	D CREEK			93 7.0					*T	.09*T	.2
COUNTY NAME: **CARROLL**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
TRIGGER GAP	ARU0144	KINGS RIVER			36 16.0	311.0	347.	140.	140.	0. *U	0. *U	0.
	SWL0009				93 40.0					*T	4.71*T	16.8
BEAVER	AR00174	WHITE RIVER	CH	DAEN SWL	36 25.0	1186.0	1502.	190.	218.	1952. *E	112.00*E	172.0
	SWL0010				93 50.9					*N	0. *N	0.
LAKE LEATHERWOOD DAM	AR00236	WEST LEATHERWOOD CREEK	R		36 27.0	13.1	11.	31.	40.	1. *E	0. *E	0.
	SWL0011				93 45.0					*N	.07*N	.1
COUNTY NAME: **CLARK**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
DEGRAY LAKE	AR00151	CADDO RIVER	HCSRO	DAEN LMK	34 13.2	453.0	738.	175.	238.	1377. *E	68.00*E	97.8
	LMK0003				93 6.6					*N	0. *N	0.

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CLEBURNE					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
QUARRY	ARU0180	LITTLE RED RIVER			35 27,0	1210,0	1870,	60,	60,	0,U	0, U	0,
	SWL0012				91 55,0					T	32,50 T	63,8
GREERS FERRY	AR00173	LITTLE RED	CH	DAEN SWL	35 31,5	1446,0	2235,	184,	126,	2844,E	96,00 E	189,0
	SWL0013				92 0,					N	23,41 N	44,9
COUNTY NAME: COLUMBIA					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
BAYOU DORCHEAT RESERVOIR	ARU0010	BAYOU DORCHEAT			33 12,0	239,0	225,	42,	57,	467,U	0, U	0,
	LMN0001				93 24,0					T	1,96 T	4,5
COUNTY NAME: CONWAY					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
SOLGOHACHIA	ARU0161	EAST FORK POINT			35 15,0	225,0	309,	165,	165,	0,U	0, U	0,
	SWL0014	REMOVE CREEK			92 41,0					T	9,90 T	18,2
LOCK AND DAM NO 9	AR00165	ARKANSAS RIVER	N	DAEN SWL	35 7,5	154949,0	36713,	15,	51,	70,E	0, E	0,
	SWL0015				92 47,2					N	175,17 N	369,9
EAST FORK POINT	AR00319	SHEEPSKIN CREEK	C		35 24,0	74,3	102,	12,	16,	3,E	0, E	0,
	SWL0016				92 38,1					N	,23 N	,4
EAST FORK POINT	AR00320	SUNNYSIDE CREEK	C		35 38,0	16,0	19,	12,	16,	5,E	0, E	0,
	SWL0017				92 39,5					N	,05 N	,1
W FORK PT	AR00329	WEST FORK POINT	C		35 27,2	29,9	35,	10,	13,	3,E	0, E	0,
	SWL0018				92 42,0					N	,07 N	,1
W FORK PT	AR00330	BROCK CREEK	C		35 27,3	43,8	51,	13,	18,	5,E	0, E	0,
	SWL0019				92 45,1					N	,14 N	,3

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **CRAWFORD**					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
NATURAL DAM	ARU0154	LEE CREEK			35 37,0	320,0	469,	125,	125,	0, U	0, U	0,
	SWL0020				94 26,0					T	18,94 T	33,1
LAKE SHEPPARD SP RING DAM	ARU0445	FROG BAYOU	S		35 41,4	66,0	91,	22,	30,	55, E	0, E	0,
	SWL0021				94 6,0					N	,48 N	,9
LAKE FORT SMITH DAM	ARU0446	FROG BAYOU	S		35 39,0	74,2	99,	15,	20,	22, E	0, E	0,
	SWL0022				94 8,2					N	,30 N	,6
LAKE ALMA DAM	ARU0448	LITTLE FROG BAYOU	CS		35 29,4	24,4	33,	33,	45,	9, E	0, E	0,
	SWL0023	U			94 12,5					N	,36 N	,5
COUNTY NAME: **CRITTENDEN**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
LOCK AND DAM NO. 2	ARU0169	MISSISSIPPI RIVE			34 51,0	933100,0	486402,	30,	30,	0, U	0, U	0,
	LMM0003	R			90 21,0					T	2901,39 T	10568,
COUNTY NAME: **OREN**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
PRAIRIE CR RES,	ARU0135	PRAIRIE CR,	CR	DAEN LMK	33 45,0	14,0	18,	18,	25,	9, U	0, U	0,
	LMK0004				91 36,0					T	,10 T	,1
CUTOFF CR RES	ARU0136	CUTOFF CR	CR	DAEN LMK	33 24,0	193,0	219,	24,	33,	97, U	0, U	0,
	LMK0005				91 32,0					T	1,38 T	3,3
WOLF CR RES	ARU0137	WOLF CR	CR	DAEN LMK	33 28,0	75,0	85,	27,	36,	52, U	0, U	0,
	LMK0006				91 35,0					T	,73 T	1,5
COUNTY NAME: **FAULKNER**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
MALLS MILL RES	ARU0140	BAYOU METO	CR	DAEN LMK	34 52,0	59,0	102,	41,	56,	54, U	0, U	0,
	LMK0007				92 8,0					T	1,07 T	2,2

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **FAULKNER**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE		FW		
BEAVER FORK LAKE	AR00042	BEAVER FORK	S	CITY OF CONW	35 8.1	15.3	18.	18.	24.	23.	E 0.	E 0.
	SWL0024			AY	92 26.7						N .06	N .1
LAKE CONWAY DAM	AR00064	PALARM CREEK	S R	ARK GAME FIS	34 57.5	136.0	187.	10.	13.	64.	E 0.	E 0.
	SWL0025			H COMISSION	92 24.5						N .29	N .6
TOAD SUCK FERRY LOCK AND DAM	AR00170	ARKANSAS	N	DAEN SWL	35 4.6	156386.0	40976.	8.	60.	37.	E 0.	E 0.
	SWL0026				92 32.3						N 102.00	N 223.4
COUNTY NAME: **FRANKLIN**					FERC POWER SUPPLY AREA 35			FERC REGIONAL OFFICE CODE		FW		
KINGS FORD	ARU0155	MULBERRY RIVER			35 35.0	360.0	527.	185.	185.	0.	U 0.	U 0.
	SWL0027				93 58.0						T 31.53	T 55.1
CAMP CASS	ARU0156	MULBERRY RIVER			35 36.0	270.0	395.	100.	100.	0.	U 0.	U 0.
	SWL0028				93 54.0						T 5.25	T 16.4
OZARK LOCK AND DAM	AR00164	ARKANSAS RIVER	NH	DAEN SWL	35 28.4	151820.0	32060.	31.	65.	148.	E 100.00	E 429.0
	SWL0029				93 48.6						N 230.69	N 232.7
SHORES LAKE DAM	AR00400	HURRICANE CREEK	R		35 38.0	53.4	71.	54.	63.	1.	E 0.	E 0.
	SWL0030				93 57.7						N .97	N 1.8
SIXMILE CREEK SITE 14 DAM	AR00417	PRAIRIE CREEK	CS		35 16.0	55.5	65.	21.	27.	2.	E 0.	E 0.
	SWL0031				94 1.5						N .35	N .6
OZARK WATER SUPPLY LAKE DAM	AR00562	SOUTH FORK WHITE	S		35 32.0	24.6	33.	65.	80.	5.	E 0.	E 0.
	SWL0032	CREEK			93 50.2						N .70	N 1.1
COUNTY NAME: **FULTON**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE		FW		
MYATT CREEK	ARU0177	MYATT CREEK			36 22.5	142.0	132.	115.	115.	0.	U 0.	U 0.
	SWL0033				91 33.0						T 2.70	T 6.5

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: FULTON					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
WILD HORSE	AR00152	SOUTH FORK SPRIN			36 19,0	260,0	253,	137,	137,	0,U	0, U	0,
	SWL0034	G RIVER			91 37,5					T	3,30 T	11,5
LAKE OMAHA DAM	AR00245	HUBBLE CREEK	R		36 18,5	7,7	8,	31,	40,	4,E	0, E	0,
	SWL0035				91 35,5					N	,07 N	,1
COUNTY NAME: GARLAND					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
LAKE OUACHITA	AR00150	OUACHITA RIVER	HCR	DAEN LMK	34 34,4	1105,0	1317,	168,	229,	3762,E	75,00 E	165,8
	LMK0008				93 11,3					N	2,97 N	10,1
LAKE HAMILTON	AR00534	OUACHITA RIVER	H R C	ARKANSAS PWR	34 26,6	1458,0	2226,	94,	110,	19,E	58,00 E	89,2
	LMK0009		S	+ LIGHT CO,	93 1,6					N	3,51 N	40,8
LAKE DESOTO	AR00719	MILL CREEK	R	JOHN A COOPE	34 40,9	5,0	5,	64,	75,	2,E	0, E	0,
	LMK0010			R CO	93 ,5					N	,13 N	,2
PINEDA LAKE	AR00721	CEDAR CREEK	R	JOHN A COOPE	34 38,6	5,0	5,	34,	46,	2,E	0, E	0,
	LMK0011			R CO	92 59,5					N	,07 N	,1
HOT SPRINGS RES	AR00724	BULL BAYOU	S	CITY OF HOT	34 34,0	3,0	3,	64,	79,	6,E	0, E	0,
	LMK0012			SPRINGS	93 5,6					N	,08 N	,1
COUNTY NAME: GRANT					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
COX CR LAKE	AR00632	COX CREEK	R	ARK GAME + F	34 10,6	9,0	13,	21,	26,	1,E	0, E	0,
	LMK0013			ISH COMM	92 37,3					N	,06 N	,1
COUNTY NAME: HOT SPRING					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
ROCKPORT RES	AR00123	OUACHITA RIVER	HCR	DAEN LMK	34 23,0	1535,0	2344,	16,	22,	18,U	0, U	0,
	LMK0014				92 51,0					T	4,19 T	17,8

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: HOT SPRING					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
LAKE CATHERINE	ARO0535	OUACHITA RIVER	H R D	ARKANSAS PWR + LIGHT CO	34 25,6 92 53,2	1548.0	2364,	50,	75,	35,	11.00E 23.74N	43,2 30,3
	LMK0015											
COUNTY NAME: HOWARD					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
CHURCH FORD RESERVOIR	ARU0012	COSSATOT RIVER	HCSD	DAEN SWT	34 16,5	212.0	338,	119,	130,	0,U	0, U	0,
	SWT0004				94 10,5					T	6,35T	15,5
GILLHAM RESERVOIR	ARU0017	COSSATOT RIVER	CSD	DAEN SWT	34 14,0	271.0	466,	118,	160,	222,E	0, E	0,
	SWT0005				94 14,0					N	20,11N	30,3
RED HILL RESERVOIR	ARU0020	COSSATOT RIVER	HCSD	DAEN SWT	34 7,0	339.0	583,	54,	68,	0,U	0, U	0,
	SWT0006				94 13,0					T	4,05T	11,7
COUNTY NAME: INDEPENDENCE					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
WOLF BAYOU	ARU0003	WHITE	CHR		35 44,5	10796.0	12300,	137,	137,	619,U	0, U	0,
	SWL0036				91 48,5					T	180,00T	420,0
POLK BAYOU	ARU0179	POLK BAYOU	CRS		35 50,0	117.0	108,	61,	82,	80,U	0, U	0,
	SWL0037				91 39,0					T	1,50T	3,1
USMAC CORP LAKE DAM	ARO0362	POLK BAYOU OFFSTR			35 54,0	172.0	167,	18,	24,	5,E	0, E	0,
	SWL0039	REAM			91 40,6					N	,52N	1,2
COUNTY NAME: IZARD					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
LOVE	ARU0149	STRAWBERRY RIVER			36 8,0	200.0	195,	100,	100,	0,U	0, U	0,
	SWL0040				91 42,0					T	3,11T	7,7
PINEY CREEK	ARU0156	PINEY CREEK	CRS		36 5,0	173.0	168,	107,	145,	210,U	0, U	0,
	SWL0041				92 5,0					T	2,98T	7,2

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

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

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **LAWRENCE**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
COOPER CREEK SITE 2 DAM	AR00371 SWL0051<K	EAST COOPER CREE	C		36 8,5 91 17,8	19,0	18, 	14, 	19, 	5, 	E N	0, ,06	E N	0, ,1
COOPER CREEK SITE 5 DAM	AR00374 SWL0052	LITTLE CREEK	C		36 3,3 91 17,4	23,4	22, 	16, 	22, 	2, 	E N	0, ,08	E N	0, ,2
FLAT CREEK SITE 3 DAM	AR00378 SWL0053	FLAT CREEK	CR		36 4,0 91 8,7	17,9	17, 	19, 	26, 	12, 	E N	0, ,07	E N	0, ,1
COUNTY NAME: **LEE**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
BEAR CREEK LAKE DAM	AR00969 LMM0004	BEAR CREEK	R C	USDA FS	34 42,5 90 42,0	7,8	12, 	36, 	42, 	9, 	E N	0, ,08	E N	0, ,2
COUNTY NAME: **LINCOLN**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
TURTLE CR RES	ARU0132 LMK0018	TURTLE CR	CR	DAEN LMK	34 1,0 91 51,0	19,0	24, 	16, 	22, 	11, 	U T	0, ,12	U T	0, ,2
FLAT CR RES	ARU0133 LMK0019	FLAT CR	CR	DAEN LMK	33 51,0 91 40,0	10,0	13, 	15, 	20, 	7, 	U T	0, ,06	U T	0, ,1
ABLES CR RES	ARU0134 LMK0020	ABLES CR	CR	DAEN LMK	33 49,0 91 40,0	52,0	66, 	24, 	32, 	21, 	U T	0, ,64	U T	0, ,7
COUNTY NAME: **LOGAN**					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
PARIS RESERVOIR DAM	AR00880 SWL0054	SHORT MOUNTAIN CREEK	C,S H	CITY OF PARI S ARKANSAS	35 16,5 93 43,6	24,0	28, 	26, 	30, 	3, 	E N	0, ,18	E N	0, ,3
AR NONAME 173	AR00881 SWL0055	SHAVER CREEK	C	WM MAGERLEIN	35 15,9 93 49,9	5,2	5, 	44, 	59, 	1, 	E N	0, ,09	E N	0, ,1

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

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COUNTY NAME: LOGAN					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
ARNONAME 174	AR00882	DRY FORK	C		35 15,7	35,2	41,*	48,*	60,*	1,*E	0. *E	0.
	SWL0056				93 52,9					*N	,63*N	,9
AR NONAME 175	AR00883	CANEY CREEK	C	J C SPAIN	35 14,7	30,0	35,*	33,*	44,*	2,*E	0. *E	0.
	SWL0057				93 53,8					*N	,35*N	,5
AR NONAME 176	AR00884	DRY FORK CREEK	C	M A PHILLIPS	35 14,5	12,6	14,*	38,*	51,*	1,*E	0. *E	0.
	SWL0058				93 52,3					*N	,17*N	,2
COVE LAKE DAM	AR00886	COVE CREEK	C R S	USDA FS	35 14,0	53,6	63,*	53,*	62,*	9,*E	0. *E	0.
	SWL0059				93 37,5					*N	,87*N	1,4
AR NONAME 180	AR00889	ROCKY CREEK	C	JAMES DAGAN	35 12,5	39,9	47,*	27,*	36,*	1,*E	0. *E	0.
	SWL0060				93 57,8					*N	,35*N	,5
AR NO NAME 183	AR00892	SIX MILE CREEK	C	L J WILLIAMS	35 11,9	24,0	28,*	29,*	29,*	2,*E	0. *E	0.
	SWL0061				92 57,1					*N	,24*N	,4
COUNTY NAME: MARION					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
LONE ROCK	ARU0004	BUFFALO	CHR		36 7,5	1331,0	1650,*	135,*	182,*	687,*U	0. *U	0.
	SWL0062				92 26,0					*T	65,41*T	114,9
COUNTY NAME: MILLER					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
AR NO NAME 146	AR00749	DAYS CREEK	R	JULIUS GRABT	33 15,0	140,0	128,*	30,*	40,*	1,*E	0. *E	0.
	LMN0002			REE	93 57,4					*N	,92*N	1,9
COUNTY NAME: NEWTON					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
LITTLE BUFFALO	ARU0147	BUFFALO RIVER			36 1,0	350,0	442,*	105,*	105,*	0,*U	0. *U	0.
	SWL0063				93 7,0					*T	4,68*T	16,8

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

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: PIKE						FERC POWER SUPPLY AREA 35		FERC REGIONAL OFFICE CODE FW				
RIGGSBLUFF DAM	ARU0124	LITTLE MISSOURI	HCR	DAEN LMK	34 30.0	245.0	402.	26.	35.	12.	0. U	0.
	LMK0024	RIVER			93 43.0						2.21 T	5.6
MURFREESBORO RES	ARU0125	MUDDY FORK CR	CR	DAEN LMK	34 5.0	121.0	199.	55.	74.	151.	0. U	0.
	LMK0025				93 40.0						2.26 T	5.8
LAKE GREESON	AR00154	LITTLE MISSOURI	HCR	DAEN LMK	34 8.9	273.0	399.	132.	184.	601.	25.50 E	31.6
	LMK0026	RIVER			93 42.9						0. N	0.
COUNTY NAME: POLK						FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW				
MULTIPURPOSE STR	AR00901	IRONS FORK CREEK	S	CITY OF MENA	34 38.4	34.0	40.	61.	82.	16.	0. E	0.
UCTURE NO 1	LMK0027				94 7.8						.74 N	1.1
LAKE WILMELMENA	AR00905	POWELL CREEK	R O	ARK GAME & F	34 36.0	14.0	20.	49.	66.	3.	0. E	0.
	LMK0028			ISH COMM	94 21.6						.31 N	.5
COUNTY NAME: POPE						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
MAUPIN FLAT	ARU0157	PINEY CREEK			35 30.0	275.0	405.	140.	140.	0.	0. U	0.
	SWL0066				93 9.0						18.52 T	31.7
WHITE OAK	ARU0159	ARKANSAS RIVER			35 28.0	282.0	415.	150.	150.	0.	0. U	0.
	SWL0067				93 1.0						20.35 T	34.8
DOVER	ARU0160	ILLINOIS BAYOU			35 21.0	320.0	339.	100.	100.	0.	0. U	0.
	SWL0068				93 11.0						6.61 T	16.5
LAKE ATKINS DAM	AR00271	KUHN BAYOU	R		35 12.5	19.1	22.	15.	19.	5.	0. E	0.
	SWL0069				92 56.0						.07 N	.1
W FORK PT	AR00339	CLEAR CREEK	C		35 26.2	21.6	25.	13.	18.	4.	0. E	0.
	SWL0070				92 55.0						.07 N	.1

LEGEND

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **POPE**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
W FORK PT	AR00341	CEDAR CREEK	C		35 22,5	19,4	23,*	18,*	24,*	3,*E	0, *E	0,
	SWL0071				92 52,0					*N	.08*N	.2
W FORK PT	AR00343	ISABELLA CREEK	C		35 21,1	23,8	28,*	12,*	16,*	5,*E	0, *E	0,
	SWL0072				92 52,7					*N	.07*N	.1
COUNTY NAME: **PRAIRIE**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
PECKERWOOD LAKE DAM	AR00698	BIG LA GRUE BAYO	I R	QUEEN AND OT	34 39,0	112,6	157,*	5,*	6,*	28,*E	0, *E	0,
	LMM0007			HERS	91 29,5					*N	.18*N	.4
COUNTY NAME: **PULASKI**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
JACKSONVILLE AIR FORCE BASE DAM	AR00076	TR BAYOU METO	R	DOD USAF	34 53,6	22,0	26,*	24,*	24,*	2,*E	0, *E	0,
	LMK0029				92 9,9					*N	.14*N	.2
LAKE MAUMELLE DAM	AR00081	BIG MAUMELLE RIV	S	CITY OF LITT	34 51,3	137,0	188,*	53,*	62,*	220,*E	0, *E	0,
	SWL0073	FR		LE ROCK	92 29,3					*N	1.89*N	3,5
MURRAY LOCK AND DAM	AR00171	ARKANSAS RIVER	N	DAEN SWL	34 47,5	158030,0	41407,*	16,*	68,*	109,*E	0, *E	0,
	SWL0074				92 21,5					*N	206,14*N	491,5
DAVID D TERRY LD CK AND DAM	AR00172	ARKANSAS RIVER	N	DAEN SWL	34 40,0	158288,0	41475,*	14,*	39,*	60,*E	0, *E	0,
	SWL0075				92 9,3					*N	180,67*N	395,7
COUNTY NAME: **RANDOLPH**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
WATER VALLEY	ARU0007	ELEVEN POINT	CHR		36 16,5	1152,0	1150,*	64,*	87,*	175,*U	0, *U	0,
	SWL0076				91 4,5					*T	15,67*T	48,7
JANES CREEK	ARU0176	JANES CREEK	C		36 16,0	82,0	76,*	74,*	100,*	107,*U	0, *U	0,
	SWL0077				91 14,0					*T	1,38*T	2,7

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: SALINE					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
BENTON MULTIPURP OSE RES	ARU0127 LMK0030	SALINE RIVER	HCR	DAEN LMK	34 36,0 92 37,0	563,0	768,	88,	119,	980, U T	0. U 5,09 T	0. 19,6
BENTON RES	ARU0128 LMK0031	SALINE RIVER	CSR	DAEN LMK	34 30,0 92 37,0	563,0	768,	82,	111,	668, U T	0. U 4,85 T	0. 18,5
SLOCOMB RES	ARU0129 LMK0032	ALUM FORK	CSR	DAEN LMK	34 33,0 92 44,0	402,0	548,	89,	121,	540, U T	0. U 4,34 T	0. 15,5
LAKE MINONA DAM	AR00001 LMK0033	ALUM FORK CREEK	SR	CITY OF LITT LE ROCK	34 47,8 92 51,0	44,0	51,	98,	98,	63, E N	0. E 1,26 N	0. 2,1
LAKE NORREL DAM	AR00004 LMK0034	BRUSHY CREEK	SR	CITY OF BENT ON	34 37,1 92 31,9	13,0	19,	86,	86,	6, E N	0. E ,51 N	0. ,8
HURRICANE LAKE DAM	AR00013 LMK0035	HURRICANE CREEK	HC	REYNOLDS ALU M CO	34 37,1 92 31,9	52,0	57,	24,	24,	5, E N	0. E ,41 N	0. ,6
FERGUSON LAKE DAM	AR00028 SWL0078	CLEAR CREEK	R	COUNTRY CLUB	34 31,9 92 15,9	31,6	37,	8,	11,	4, E N	0. E ,06 N	0. ,1
COUNTY NAME: SCOTT					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
YELLVILLE	ARU0145 SWL0079	CROOKED CREEK			36 13,0 92 43,0	400,0	505,	135,	135,	0, U T	0. U 20,49 T	0. 36,3
REA	ARU0146 SWL0080	CROOKED CREEK			36 13,0 92 32,0	460,0	550,	135,	135,	0, U T	0. U 22,69 T	0. 39,9
GRAVELLY	ARU0162 SWL0081	FOURCHE LAFAVE RIVER			34 48,5 93 47,0	330,0	427,	105,	105,	0, U T	0. U 5,96 T	0. 15,7
POTEAU RIVER SITE '9	ARU0553 SWT0008	POTEAU RIVER	C	SCS OOA	35 ,3 94 20,0	4,0	4,	32,	43,	1, U T	0. U ,05 T	0. ,1

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: SCOTT					FERC POWER SUPPLY AREA 33					FERC REGIONAL OFFICE CODE FW		
POTEAU RIVER SITE '5	ARU0554 SWT0009	POTEAU RIVER	C	SCS DOA	35 1,0 94 3,0	10.0	9.	35.	47.	0.U T	0. U .14T	0. .2
POTEAU RIVER SITE '6	ARU0555 SWT0010	POTEAU RIVER	C	SCS DOA	35 2,5 94 5,0	7.0	7.	48.	65.	3.U T	0. U .14T	0. .2
POTEAU RIVER SITE '19	ARU0556 SWT0011	POTEAU RIVER	C	SCS DOA	35 54,0 94 5,6	12.0	13.	39.	53.	5.U T	0. U .17T	0. .2
POTEAU RIVER SITE '15	ARU0559 SWT0012	POTEAU RIVER	C	SCS DOA	34 56,5 94 12,7	14.0	15.	41.	55.	6.U T	0. U .21T	0. .3
POTEAU RIVER SITE '10	ARU0560 SWT0013	POTEAU RIVER	C	SCS DOA	34 59,0 94 24,0	10.0	11.	33.	44.	4.U T	0. U .11T	0. .2
POTEAU RIVER SITE '16	ARU0562 SWT0014	POTEAU RIVER	C	SCS DOA	34 59,4 94 14,8	8.0	7.	41.	55.	3.U T	0. U .14T	0. .2
POTEAU RIVER SITE '12	ARU0563 SWT0015	POTEAU RIVER	C	SCS DOA	34 55,8 94 16,5	7.0	7.	48.	65.	3.U T	0. U .14T	0. .2
POTEAU RIVER SITE '13	ARU0564 SWT0016	POTEAU RIVER	C	SCS DOA	34 54,8 94 11,5	5.0	5.	37.	50.	2.U T	0. U .08T	0. .1
ARONAME 150	AR00842 SWT0017	PINEY CREEK	C	USDA FS	34 21,0 94 14,0	5.0	5.	35.	48.	1.E N	0. E .07N	0. .1
	AR00844 SWT0018	ROCK CREEK	C	F-G LUMBER C O	34 57,8 94 4,6	3.0	3.	45.	61.	3.E N	0. E .06N	0. .1
	ARU0847 SWT0019	EAST FORK POTEAU RIVER	C R S	HARRY & FRANCES AYRES	34 56,2 94 2,9	20.0	23.	30.	41.	6.E N	0. E .21N	0. .3
ARONAME 156	AR00849 SWT0021	POTEAU CREEK OFFSTREAM	C	FRANK BELTER & JOE ERWIN	34 56,3 94 2,9	180.0	190.	21.	29.	2.E N	0. E .78N	0. 1.4

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: SCOTT					FERC POWER SUPPLY AREA =0		FERC REGIONAL OFFICE CODE FW					
ARNOMANE 157	AR00850	POTEAU CREEK	C	SCS DOA	33 55.1	5.0	5.	36.	49.	3.	E 0.	E 0.
	SWT0022				94 7.0						N .08	N .1
ARNOMANE 159	ARU0852	CROSS CREEK	C	USDA FS	34 34.6	6.0	6.	40.	54.	3.	E 0.	E 0.
	SWT0023				94 15.0						N .10	N .1
ARNOMANE 160	AR00853	POTEAU CREEK	C	SCS DOA	34 54.5	4.0	4.	31.	42.	1.	E 0.	E 0.
	SWT0024				93 57.8						N .05	N .1
ARONOMANE 162	AR00855	POTEAU RIVER OFF	C	SCS DOA	34 57.0	12.1	13.	34.	46.	5.	E 0.	E 0.
	SWT5000	STREAM			94 18.6						N .15	N .2
	AR00856	DENTON CREEK	C	USDA FS	34 50.9	5.0	5.	49.	66.	3.	E 0.	E 0.
	SWT0026				94 16.8						N .10	N .1
LAKE HINKLE	ARU0857	JONES CREEK	C S R	USDA FS	34 11.0	28.0	45.	47.	63.	6.	E 0.	E 0.
	SWT0027				94 56.0						N .74	N 1.1
ARNONANE 164	AR00858	POTEAU RIVER OFF	C	SCS DOA	34 51.2	30.0	35.	43.	58.	1.	E 0.	E 0.
	SWT0028	STREAM			94 14.5						N .49	N .7
COUNTY NAME: SEARCY					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
GILBERT	ARU0174	BUFFALO RIVER			35 59.0	825.0	1041.	183.	183.	0.	U 0.	U 0.
	SWL0082				92 45.0						T 57.28	T 101.6
COUNTY NAME: SEBASTIAN					FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW					
LOCK AND DAM NO 13	AR00163	ARKANSAS RIVER	N	DAEN SWL	35 21.0	150547.0	31791.	17.	39.	59.	E 0.	E 0.
	SWL0083				94 17.5						N 179.82	N 359.8
SUGAR LOAF LAKE	AR00938	JOHNSON BRANCH	R O	ARKANSAS GAM	35 5.6	6.0	6.	43.	50.	4.	E 0.	E 0.
	SWT0029			E & FISH	94 23.7						N .11	N .1

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **SEVIER**					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
DEQUEEN RESERVOIR	ARU0013	ROLLING FORK RIV	CSRO	DAEN SWT	34 3,5	169.0	270.	118.	160.	371.	0. E	0.
	SWT0030	ER			94 25,0						5.15N	12.4
GENEVA RESERVOIR	ARU0016	COSSATOT RIVER	MC	DAEN SWT	34 6,0	340.0	584.	98.	136.	369.	0. U	0.
	SWT0031				94 13,0						4.67T	17.4
DIERKS RESERVOIR	ARU0911	SALINE RIVER	CSRO	DAEN SWT	34 8,0	114.0	182.	113.	153.	160.	0. E	0.
	SWT0032				94 6,0						3.71N	8.3
COUNTY NAME: **SHARP**					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
HARDY	ARU0008	SPRING	CHR		36 19,0	869.0	1130.	44.	125.	0. U	0. U	0.
	SWL0084				91 28,0						5.28T	22.6
BELL FOLEY	ARU0009	STRAWBERRY	CR		36 7,0	519.0	554.	100.	100.	518. U	0. U	0.
	SWL0085				91 28,0						24.00T	26.4
RAVENDEN	ARU0148	SPRING RIVER			36 14,0	1000.0	998.	50.	50.	0. U	0. U	0.
	SWL0086				91 16,0						6.76T	30.0
SOUTH FORK	ARU0181	SOUTH FORK SPRIN			36 19,0	326.0	357.	150.	150.	0. U	0. U	0.
	SWL0087	G RIVER			91 31,0						14.84T	28.4
LAKE CHEROKEE DAM	AR00246	LITTLE OTTER CRE	R		36 17,5	3.6	4.	67.	83.	1. E	0. E	0.
	SWL0088	EK			91 31,5						.07N	.1
LAKE THUNDERBIRD DAM	ARU0250	BIG OTTER CREEK	R		36 18,0	5.5	6.	65.	83.	12. E	0. E	0.
	SWL0089				91 32,0						.10N	.1
LAKE SHERWOOD DAM	AR00255	FORTY ISLAND CRE	R		36 19,0	9.8	10.	30.	35.	2. E	0. E	0.
	SWL0090	EK			91 28,6						.08N	.1

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ST FRANCIS					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
LAKE ST FRANCIS DAM	AR00427 LMM0006	CROW CREEK	R		35 3.6 90 45.4	14.0	22.	22.	30.	4. 	0. E .10 N	0. .2
COUNTY NAME: STONE					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
HALF MOON	ARU0150 SWL0091	MIDDLE FORK LITT LE RED RIVER			35 45.0 92 25.0	165.0	256.	200.	200.	0. U T	0. U 16.41 T	0. 26.8
COUNTY NAME: UNION					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
KIRKLAND MULTPUR POSE RES	ARU0126 LMK0036	SMACKOVER CR	CR	DAEN LMK	33 22.0 92 48.0	297.0	487.	50.	68.	514. U T	0. U 2.91 T	0. 10.7
FELSENTHAL LOCK AND DAM	ARU0141 LMK0037	OUACHTA RIVER	N	DAEN LMK	33 3.6 92 7.5	10782.0	13358.	18.	36.	0. U T	0. U 60.13 T	0. 172.1
CALION LOCK AND DAM	ARU0142 LMK0038	OUACHITA RIVER	N	DAEN LMK	33 18.4 92 29.0	6569.0	9224.	12.	34.	0. U T	0. U 36.54 T	0. 69.8
COUNTY NAME: VAN BUREN					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
SHIRLEY	ARU0151 SWL0092	MIDDLE FORK LITT LE RED RIVER			35 39.0 92 18.0	200.0	310.	215.	215.	0. U T	0. U 21.38 T	0. 34.9
RACCOON	ARU0152 SWL0093	DEVILS FORK LITT LE RED RIVER			35 37.0 92 3.0	200.0	310.	200.	200.	0. U T	0. U 19.89 T	0. 32.5
ARCHEY	ARU0153 SWL0094	ARCHEY FORK LITT LE RED RIVER			35 37.0 92 30.0	115.0	178.	165.	165.	0. U T	0. U 4.48 T	0. 11.8
EAST FORK POINT	AR00315 SWL0095	EAST POINT	C		35 27.9 92 33.5	58.2	101.	11.	15.	2. E N	0. E .24 N	0. .6

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POTENTIAL HYDROPOWER SITES

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COUNTY NAME: VAN BUREN					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
EAST FORK POINT	AR00316	EF POINT	C		35 28.0	26.7	31.	10.	14.	4.	E 0.	E 0.
	SWL0096				92 34.0						N .07	N .1
W FORK PT	AR00328	BROCK CREEK	C		35 29.1	23.9	28.	14.	19.	5.	E 0.	E 0.
	SWL0097				92 48.1						N .08	N .1
COUNTY NAME: WASHINGTON					FERC POWER SUPPLY AREA 35		FERC REGIONAL OFFICE CODE FW					
LINCOLN LAKE DAM	AR00283	MOORES CREEK	RC		36 .5	12.0	13.	54.	73.	4.	E 0.	E 0.
	SWT0033				94 25.0						N .24	N .3
LAKE SEQUOYAH DA	AR00288	WHITE RIVER	RS		35 54.0	400.0	566.	9.	12.	6.	E 0.	E 0.
M	SWL0098				94 7.0						N .46	N 1.8
COUNTY NAME: WHITE					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
JUDSONIA	AR00006	LITTLE RED	CHR		35 16.5	1463.0	2450.	52.	71.	417.	U 0.	U 0.
	SWL0099				91 37.0						T 34.46	T 67.5
COUNTY NAME: YELL					FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW					
BLUE MOUNTAIN	AR00157	PETIT JEAN	C	DAEN SWL	35 6.1	488.0	518.	59.	80.	258.	E 0.	E 0.
	SWL0100				93 38.6						N 5.86	N 14.8
NIMROD	AR00158	FOURCHE LA FAVE	C	DAEN SWL	34 57.1	680.0	721.	54.	73.	336.	E 0.	E 0.
	SWL0101				93 .5						N 4.34	N 14.0
DARDANELLE LOCK	AR00162	ARKANSAS RIVER	NH	DAEN SWL	35 15.0	153703.0	36417.	49.	66.	486.	E 124.00	E 613.0
AND DAM	SWL0102				93 10.0						N 443.61	N 585.7
SPRING LAKE DAM	AR00754	SPRING CREEK	R	USDA FS	35 9.0	28.0	33.	50.	59.	3.	E 0.	E 0.
	SWL0103				93 25.5						N .53	N .7

LEGEND

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

PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF ARKANSAS

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: YELL					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
MULTIPLE PURPOSE STRUCTURE NO 1	AR00756 SWL0104	EAST CEDAR CREEK	C R S	J C WOODSON C MCBRIDE	35 6.8 93 29.5	13.8	13.	41.	55.	8.	E 0. N .23	E 0. N .3

LEGEND

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STATE OF FLORIDA

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

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

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

POTENTIAL INCREMENTAL CAPACITY RANGES

LEGEND

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

PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF FLORIDA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CITRUS					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
INGLIS SPILLWAY AND DAM	FL00142 SAJ0001	WITHLACOOCHEE R	NRP	DAEN SAJ	29 6.0 / 82 37.1	2020.0	1486.	22.	30.	54.	E 0. / N 6.72	E 0. / N 19.5
COUNTY NAME: GADSDEN					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE AT				
JIM WOODRUFF LOC & DAM & POWER	FL00438 SAM0066 ER	APALACHICOLA RIV	NHR	COE MOD	30 42.5 / 84 51.9	17150.0	8038800.	77.	53.	406.	E 30.00 / N 0.	E 232.4 / N 0.
COUNTY NAME: GLADES					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
STRUCTURE 77	FL00307 SAJ0002 ER	CALOOSAHATCHEE RIV	CSN	DAEN SAJ	26 50.3 / 81 5.2	5000.0	960.	6.	21.	8519.	E 0. / N 4.89	E 0. / N 14.2
ORTONA LOCK	FL00424 SAJ0003 IVER	CALOOSAHATCHEE R	CN	DAEN SAJ	26 46.0 / 81 18.5	5256.0	1000.	8.	16.	101.	E 0. / N .37	E 0. / N 1.1
COUNTY NAME: GULF					FERC POWER SUPPLY AREA 22			FERC REGIONAL OFFICE CODE				
DEAD LAKES DAM	FL00103 SAM0084	CHIPOLA RIVER	RP	DEAD LAKES W ATER MANAGEM	30 7.5 / 85 10.7	1206.0	542390.	16.	22.	43.	E 0. / N 7.52	E 0. / N 26.3
COUNTY NAME: HIGHLANDS					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
STRUCTURE 68	FL00282 SAJ0004	CANAL 41A	CI	C&SF FCD	27 18.1 / 81 15.1	622.0	109604.	7.	15.	418.	E 0. / N .62	E 0. / N 2.2
COUNTY NAME: HILLSBOROUGH					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
CITY OF TAMPA WATERWORKS DAM	FL00169 SAJ0005 ER	HILLSBOROUGH RIV	S A	CITY OF TAMP	28 1.5 / 82 25.9	650.0	598.	20.	27.	11.	E 0. / N 2.25	E 0. / N 5.8

LEGEND

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF FLORIDA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: LAKE					FERC POWER SUPPLY AREA 24					FERC REGIONAL OFFICE CODE		
EUGENE J BURRELL LOCK + D	FL00435 SAJ0006	HAINES CREEK	CN	SWFWMD	28 51.9 81 47.1	648.0	260.	4.	14.	190.	E 0. N .25	E 0. N .7
COUNTY NAME: LEE					FERC POWER SUPPLY AREA 24					FERC REGIONAL OFFICE CODE		
W P FRANKLIN LOC + DAM	FL00310 SAJ0007	CALOOSAHATCHEE R IVER	NCSR	DAEN SAJ	26 43.3 81 41.6	5900.0	1400.	3.	12.	32.	E 0. N .44	E 0. N 1.5
COUNTY NAME: MANATEE					FERC POWER SUPPLY AREA 24					FERC REGIONAL OFFICE CODE		
LAKE MANATEE DAM	FL00280 SAJ0008	MANATEE RIVER	S	MANATEE CO	27 29.4 82 20.0	123.0	166.	37.	50.	47.	E 0. N .69	E 0. N 1.5
COUNTY NAME: MARION					FERC POWER SUPPLY AREA 24					FERC REGIONAL OFFICE CODE		
MOSS BLUFF LOCK AND SPILLWAY	FL00145 SAJ0009	OKLAWAHA R	NOCRP	SJRWMD	29 4.0 81 52.9	879.0	319.	21.	28.	146.	E 0. N 1.58	E 0. N 4.7
COUNTY NAME: MARTIN					FERC POWER SUPPLY AREA 24					FERC REGIONAL OFFICE CODE		
STRUCTURE 80 ST/LUCIE LOCK + DAM	FL00425 SAJ0010	ST LUCIE CANAL	IHCNS R	DAEN SAJ	27 6.5 80 17.3	5225.0	980.	13.	17.	8519.	E .09 N 3.94	E .1 N 24.0
COUNTY NAME: NASSAU					FERC POWER SUPPLY AREA 24					FERC REGIONAL OFFICE CODE AT		
MACCLENNY	FL00004 SAS0001	ST MARYS RIVER	HR		30 21.6 82 5.2	720.0	700.	69.	80.	970.	U 0. T 6.88	U 0. T 22.3
ST GEORGE	FL00005 SAS0002	ST MARYS RIVER	HR		30 28.5 82 1.0	863.0	790.	19.	25.	23.	U 0. T 3.01	U 0. T 8.1

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF FLORIDA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: OKALOOSA					FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT					
CRESTVIEW	FL00001	YELLOW RIVER			30 0,	616.0	1442.	67.	90.	420.	U 0.	U 0.
	SAM0065				87 0,						T 20.40	T 65.8
COUNTY NAME: OKEECHOBEE					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE					
STRUCTURE 65B	FL00286	CANAL 38 KISSIMM	CI	C+SF FCD	27 28,9	2023.0	1355.	6.	19.	8.	E 0.	E 0.
	SAJ0011	EE RIVER			81 9,9						N 2.20	N 6.1
STRUCTURE 65C	FL00287	CANAL 38 KISSIMM	CI	C+SF FCD	27 24,1	2742.0	1823.	7.	20.	6.	E 0.	E 0.
	SAJ0012	EE			81 7,5						N 3.48	N 9.7
STRUCTURE 65D	FL00288	CANAL 38 KISSIMM	CI	C+SF FCD	27 18,9	2879.0	1912.	6.	21.	8.	E 0.	E 0.
	SAJ0013	EE			81 1,5						N 3.13	N 8.7
STRUCTURE 65E	FL00290	CANAL 38 KISSIMM	CI	C+SF FCD	27 13,5	2960.0	1965.	5.	30.	7.	E 0.	E 0.
	SAJ0014	EE RIVER			80 57,5						N 2.68	N 7.5
COUNTY NAME: OSCEOLA					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE					
STRUCTURE 65	FL00271	KISSIMMEE RIVER	CIN	C+SF FCD	27 49,0	1607.0	1084.	4.	19.	730.	E 0.	E 0.
	SAJ0015				81 11,9						N .39	N 2.3
COUNTY NAME: PUTNAM					FERC POWER SUPPLY AREA 24		FERC REGIONAL OFFICE CODE					
RODMAN DAM	FL00156	OKLAWAHA R	NR	DAEN SAJ	29 30,0	2747.0	1630.	13.	24.	220.	E 0.	E 0.
	SAJ0016				81 48,6						N 3.91	N 15.1

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STATE OF GEORGIA

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

HEAD (FT)		POTENTIAL INCREMENTAL CAPACITY RANGES															
		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST INST CAP 1	EXIST INCR CAP 2	UNDEV POTEN CAP 3	TOTAL INCR CAP 4	EXIST INST CAP 1	EXIST INCR CAP 2	UNDEV POTEN CAP 3	TOTAL INCR CAP 4	EXIST INST CAP 1	EXIST INCR CAP 2	UNDEV POTEN CAP 3	TOTAL INCR CAP 4	EXIST INST CAP 1	EXIST INCR CAP 2	UNDEV POTEN CAP 3	TOTAL INCR CAP 4
0-19	NUMBER	0	15	2	17	0	0	0	0	0	1	8	9	0	16	10	26
	CAPCTY	0.0	9.9	3.2	13.2	0.0	0.0	0.0	0.0	0.0	29.1	326	355	0.0	39.1	329	368
	ENERGY	0.0	52.2	10.1	62.4	0.0	0.0	0.0	0.0	0.0	67.5	978	1066	0.0	140	988	1128
20-49	NUMBER	3	34	9	43	2	1	6	7	1	1	18	19	6	36	33	69
	CAPCTY	9.3	52.9	40.0	92.9	32.0	22.0	130	153	60.0	32.7	1085	1118	101	108	1255	1363
	ENERGY	54.7	102	128	229	121	52.5	361	413	266	74.6	3131	3205	442	229	3619	3848
50-99	NUMBER	1	9	10	19	1	0	3	3	4	3	5	8	6	12	18	30
	CAPCTY	4.0	3.6	54.5	58.2	22.5	0.0	57.6	57.6	468	142	205	347	496	145	317	463
	ENERGY	12.0	17.9	153	171	50.7	0.0	157	157	861	161	581	742	924	179	692	1071
>100	NUMBER	1	3	10	13	3	0	0	0	10	1	2	3	14	4	12	16
	CAPCTY	6.1	12.7	83.6	96.4	51.0	0.0	0.0	0.0	1396	100.0	74.3	174	1453	113	158	271
	ENERGY	20.1	144	247	391	139	0.0	0.0	0.0	2698	178	202	380	2857	322	449	771
TOTAL	NUMBER	5	61	31	92	6	1	9	10	15	6	33	39	26	68	73	141
	CAPCTY	20.3	79.3	182	261	106	22.6	188	210	1924	304	1690	1993	2050	406	2059	2465
	ENERGY	86.8	316	538	854	311	52.5	518	570	3825	501	4892	5393	4223	870	5948	6818

LEGEND

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

PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: APPLING					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
BIG SATILLA CREEK	GA00074	BIG SATILLA CREEK	IR		31 31,7	252.0	260.	36.	47.	151.	U 0.	U 0.
	SA80003	K			82 13,5						T 1,53	T 3,9
COUNTY NAME: ATKINSON					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
AXSON	GA00072	SATILLA RIVER	IR		31 18,5	400.0	470.	24.	35.	125.	U 0.	U 0.
	SA80004				82 42,4						T 1,74	T 4,6
PEARSON	GA00133	SATILLA RIVER	H		31 20,0	355.0	993.	25.	34.	44.	U 0.	U 0.
	SA80005				82 46,1						T 1,65	T 4,3
COUNTY NAME: BALDWIN					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
LAKE SINCLAIR	GA00836	OCONEE	HR	GEORGIA POWE	33 0,4	2900.0	3300.	96.	98.	334.	E 45,00	E 160,0
	SA80007			R CO	83 12,2						N 35,68	N 46,0
COUNTY NAME: BARROW					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
MARBURY CREEK NO 24	GA00604	MARBURY CREEK	CSR	STATE	33 57,8	10.0	13.	33.	44.	4.	E 0.	E 0.
	SA80008				83 43,5						N ,09	N ,2
COUNTY NAME: BARTOW					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
KINGSTON	GA00011	ETOWAH RIVER			34 14,0	687.0	1209.	52.	70.	83.	U 0.	U 0.
	SA80087				84 55,9						T 17,69	T 41,9
ALLATOONA LAKE	GA00625	ETOWAH RIVER	CHR	DAEN SAM	34 9,9	1110.0	0.	140.	190.	670.	E 74,00	E 169,0
	SA80088				84 4,4						N 0.	N 0.

LEGEND

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

PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: BIBB					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
LAKE TOBESOFKEE	GA00201	TOBESOFKEE CREEK	RRD	BIBB COUNTY	32 50,0	180.0	200.	41.	54.	46.	E 0.	E 0.
	SA00009				83 46,0						N 1.69	N 4.4
COUNTY NAME: BURKE					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
LOWER BRIER CREEK	GA00094	BRIER CREEK	CSR		33 9,8	472.0	540.	15.	60.	244.	U 0.	U 0.
	SA00010				82 2,5						T 1.66	T 5.1
COUNTY NAME: BUTTS					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
LAMAR FERRY	GA00060	OCMULGEE RIVER	H		33 14,5	1514.0	1800.	38.	45.	20.	U 0.	U 0.
	SA00013				83 49,0						T 12.90	T 44.1
MCKAY CREEK	GA00090	SOUTH RIVER	HR		33 26,0	557.0	650.	52.	59.	130.	U 0.	U 0.
	SA00014				83 55,0						T 7.99	T 22.8
MCINTOSH LAKE	GA01038	BIG SANDY CREEK	R	STATE OF GEO	33 14,9	14.0	17.	43.	46.	1.	E 0.	E 0.
	SA00015			RGIA	83 55,6						N .14	N .3
COUNTY NAME: CAMDEN					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
BURNT FORK	GA00130	SATILLA RIVER	H		30 57,0	3070.0	2790.	40.	54.	1790.	U 0.	U 0.
	SA00016				81 53,5						T 24.37	T 60.2
COUNTY NAME: CARROLL					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
CEDAR CREEK	GA00001	CHATTAHOOCHEE RI			33 29,6	2430.0	4090.	50.	60.	297.	U 0.	U 0.
	SA00089	VER			84 52,9						T 41.91	T 140.5
LAKE BUCKHORN	GA00131	LITTLE TALLAPOOS	CRS		33 42,0	31.0	49.	21.	28.	19.	E 0.	E 0.
	SA00090	A RIVER			85 ,5						N .18	N .6

LEGEND

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CHARLTON					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
SATILLA ST.MARY	GA00134	SATILLA ST.MARY	H		30 52.0	4450.0	2790.	37.	50.	3700.	U 0.	U 0.
	SA50017				81 55.0						T 36.73	T 77.4
COUNTY NAME: CHEROKEE					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
GILMER	GA00014	ETOWAH RIVER			34 0.	395.0	525.	110.	160.	370.	U 0.	U 0.
	SA40091				84 0.						T 14.21	T 39.6
CANTON	GA00015	ETOWAH RIVER			34 0.	590.0	1006.	60.	60.	0.	U 0.	U 0.
	SA40092				85 0.						T 15.11	T 42.1
SHOAL CREEK	GA00021	SHOAL CREEK			35 0.	200.0	332.	100.	100.	0.	U 0.	U 0.
	SA40093				85 0.						T 5.10	T 16.3
COUNTY NAME: CLARKE					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
BARNETT SHOALS	GA01900	OCONEE RIVER	HR	GEORGIA POWE	33 50.3	835.0	1200.	49.	50.	3.	E 2.80	E 15.0
	SA50016			R CO	83 18.4						N 11.31	N 20.9
COUNTY NAME: COBB					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
VININGS	GA00005	CHATTAHOOCHEE RI			33 52.2	1451.0	2897.	39.	43.	0.	U 0.	U 0.
	SA40094	VER			84 29.0						T 23.97	T 77.6
COUNTY NAME: COLUMBIA					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
AUGUSTA CANAL DI	GA00041	SAVANNAH RIVER	SD	CITY OF AUGU	33 33.1	7174.0	9900.	5.	14.	3.	E 0.	E 0.
VERSION	SA50019			STA	82 2.3						N 4.32	N 25.7
CLARK HILL LAKE	GA01701	SAVANNAH RIVER	CNHD	DAEN SAS	33 39.7	6144.0	8860.	138.	168.	3850.	E 280.00	E 735.0
	SA50020				82 11.9						N 0.	N 0.

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CRISP					FERC POWER SUPPLY AREA 23					FERC REGIONAL OFFICE CODE		
GOAT ROCK LAKE	GA00626	CHATTAHOOCHEE	HR	GEORGIA PWR	32 36,6	4520.0	7270.	58.	68.	11.	E 26.00	E 169.4
	SAM0095			CG	85 4,7						N 71.04	N 113.1
LAKE BLACKSHEAR	GA00831	FLINT	HR	CRISP COUNTY	31 51,0	3600.0	4346.	36.	42.	140.	E 15.20	E 55.0
	SAM0096			PWR COMM	83 56,6						N 22.60	N 52.5
COUNTY NAME: DADE					FERC POWER SUPPLY AREA 23					FERC REGIONAL OFFICE CODE AT		
GANONAME560	GA00128	HURRICANE CK	R	DR JOE JOHNS	34 46,3	1.0	61.	32.	43.	0.	E 0.	E 0.
	ORN0013			ON	85 29,5						N .51	N 1.2
COUNTY NAME: DAWSON					FERC POWER SUPPLY AREA 23					FERC REGIONAL OFFICE CODE		
AMICALOLA CREEK WATERSHED NO. 3	GA00147	COCHRAN CREEK	C		34 33,0	6.0	62.	38.	51.	1.	E 0.	E 0.
	SAM0097				84 12,0						N .50	N 1.7
AMICALOLA CREEK WATERSHED NO. 4	GA00148	GAB CREEK	C		34 32,0	3.0	31.	35.	48.	1.	E 0.	E 0.
	SAM0098				84 11,0						N .23	N .8
COUNTY NAME: DEKALB					FERC POWER SUPPLY AREA 23					FERC REGIONAL OFFICE CODE		
STONE MOUNTAIN PARK LAKE	GA01325	TR STONE MOUNTAIN	R	STATE OF GEORGIA	33 47,4	18.0	25.	27.	35.	7.	E 0.	E 0.
	SAM0099	N CREEK			84 7,5						N .17	N .4
COUNTY NAME: DODGE					FERC POWER SUPPLY AREA 23					FERC REGIONAL OFFICE CODE AT		
ABBEYVILLE	GA00070	OCMULGEE RIVER	HRN		32 1,3	4450.0	5100.	40.	55.	1940.	U 0.	U 0.
	SAS0021				83 2,3						T 52.97	T 138.5

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

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COUNTY NAME: DOOLY					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
MOUNTAIN CREEK	GA00019	FLINT RIVER			33 0,	3192.0	3982,	25,	36,	194,	U 0,	U 0.
	SA00100				84 0,						T 23.50	T 64.2
COUNTY NAME: DOUGHERTY					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE					
FLINT RIVER RESE	GA00835	FLINT RIVER	H R	GEORGIA POWE	31 36,1	4180.0	5047,	31,	42,	33,	E 5.40	E 33.9
RVOIR	SA00101			R CO	84 ,8						N 32.77	N 74.7
COUNTY NAME: DOUGLAS					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE					
GEORGE H SPARKS	GA01148	DRY CREEK	H		33 45,5	14.0	22,	24,	30,	4,	E 0.	E 0.
RESERVOIR	SA00102				84 37,8						N ,10	N ,3
COUNTY NAME: ELBERT					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
RICHARD B RUSSEL	GA00064	SAVANNAH RIVER	HCNR	DAEN SAS	34 1,5	2900.0	5100,	161,	178,	1488,	E 300.00	E 365.3
L LAKE	SA00025				82 35,7						N 0.	N 0.
TALLOW HILL	GA00066	BROAD RIVER	HR		34 5,6	749.0	760,	170,	205,	1600,	U 0.	U 0.
	SA00026				83 1,7						T 29.83	T 92.6
BEAVERDAM CREEK	GA00409	LITTLE BEAVERDAM	C		34 12,6	20.0	35,	18,	42,	5,	E 0.	E 0.
ND 30	SA00027	CREEK			82 57,8						N ,18	N ,5
COUNTY NAME: EMANUEL					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
NEAS OLD MILL PO	GA01256	MULEPEN CREEK	R		32 31,4	20.0	21,	16,	20,	7,	E 0.	E 0.
ND	SA00028				82 31,7						N ,07	N ,2

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COUNTY NAME: FANNIN					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
LAKE TOCCOA	GA00114	TOCCOA RIVER	HR	TVA	34 53,0	232,0	626,*	113,*	153,*	196,*E	20,00*E	35,0
	ORN0014				84 16,8					*N	0, *N	0,
COUNTY NAME: FLOYD					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
ARMUCHEE	GA00023	OOSTANAULA RIVER			34 22,3	1900,0	3344,*	44,*	60,*	345,*U	0, *U	0,
	SAM0103				85 7,2					*T	41,94*T	99,3
ROCKY MOUNTAIN	GA00025	ARMUCHEE CREEK			34 21,0	1,0	1,*	501,*	678,*	16,*U	0, *U	0,
	SAM0104				85 18,0					*T	,13*T	,3
COUNTY NAME: FORSYTH												
LAKE SIDNEY LANIER	GA00824	CHATTAHOOCHEE RI	CHR	DAEN SAM	34 9,6	1040,0	0,*	149,*	193,*	2554,*E	86,00*E	170,0
	SAM0105	VER			84 4,4					*N	0, *N	0,
COUNTY NAME: FULTON					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE				
MORGAN FALLS RESERVOIR	GA00842	CHATTAHOOCHEE	HSR	GEORGIA PWR CO	33 58,1	1370,0	2735,*	48,*	56,*	3,*E	16,80*E	66,2
	SAM0106				84 23,1					*N	10,83*N	23,2
COUNTY NAME: GILMER					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
CARTECAY	GA00012	CARTECAY RIVER			35 0,	136,0	338,*	149,*	201,*	160,*U	0, *U	0,
	SAM0107				84 0,					*T	11,81*T	33,4
WATERSHED NO. 5 CARTECAY RIVER	GA00622	STOVER CREEK	C	H. L. BEARDEN	34 40,0	20,0	47,*	45,*	61,*	1,*E	0, *E	0,
	SAM0108			N	84 17,5					*N	,40*N	1,4
NOBLIN DAM	GA00625	ANDERSON CREEK	C	E. NOBLIN	34 37,8	17,0	40,*	41,*	56,*	2,*E	0, *E	0,
	SAM0109				84 19,1					*N	,31*N	1,1

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COUNTY NAME: GILMER					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE				
GIBSON DAM	GA00627	KELLS CREEK	C	W.G. GIBSON	34 44.6	7.0	16.	41.	56.	2.	E 0.	E 0.
	SAM0110				84 29.1						N .13	N .5
THOMAS DAM	GA00630	BOARDTOWN CREEK	C	O. THOMAS	34 47.2	9.0	21.	44.	60.	2.	E 0.	E 0.
	SAM0111				84 25.6						N .18	N .6
ALLEN DAM	GA00631	ROCK CREEK	C	I. ALLEN	34 46.8	10.0	23.	43.	58.	2.	E 0.	E 0.
	SAM0112				84 22.8						N .19	N .7
WATERSHED NO. 10 ELLIJAY RIVER	GA00632	CHERRYLOG CREEK	C	W. PATTERSON	34 47.1	14.0	33.	26.	35.	2.	E 0.	E 0.
	SAM0113				84 24.1						N .16	N .6
DAVENPORT DAM	GA00634	MOUNTAINTOWN CRE	C	F. DAVENPORT	34 47.5	11.0	26.	50.	68.	3.	E 0.	E 0.
	SAM0114	EK TR.			84 31.8						N .24	N .9
COUNTY NAME: GORDON					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
JACKS	GA00013	JACKS RIVER			35 0.	87.0	188.	140.	190.	49.	U 0.	U 0.
	SAM0115				85 0.						T 4.95	T 18.1
COUNTY NAME: HABERSHAM					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
IRWINS BRIDGE	GA00007	CHATTAHOOCHEE RI			35 0.	152.0	378.	88.	103.	24.	U 0.	U 0.
	SAM0116	VER			84 0.						T 7.78	T 22.0
TUGALO LAKE	GA00843	TUGALO RIVER	HR	GEORGIA PWR	34 42.8	464.0	1150.	142.	144.	34.	E 45.00	E 108.0
	SAS0029			CO	83 21.2						N 0.	N 0.
LAKE RUSSELL	GA00855	NANCY TOWN	R	USDA FS	34 29.2	7.0	846.	49.	58.	4.	E 0.	E 0.
	SAS0030				83 30.7						N .31	N .9

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COUNTY NAME: HALL					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
MUD CREEK	GA00004	MUD CREEK			34 0,	377.0	502,	96,	130,	87,	U 0,	U 0,
	SAM0117				84 0,						T 11.02	T 30.7
COUNTY NAME: HARRIS					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
NEW RIVERVIEW	GA00026	CHATTAHOOCHEE RI			32 46,5	3660.0	5867,	39,	39,	0,	U 0,	U 0,
	SAM0118	VER			85 12,3						T 53.02	T 154.4
LAKE HARDING	GA00830	CHATTAHOOCHEE	HR	GEORGIA POWE	32 39,8	4240.0	0,	120,	141,	124,	E 65.00	E 416.9
	SAM0119			R COMPANY	85 5,4						N 100.00	N 178.1
COUNTY NAME: HART					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
HARTWELL LAKE	GA01702	SAVANNAH RIVER	CNHD	DAEN SAS	34 21,4	2088.0	4200,	177,	199,	3439,	E 264.00	E 453.0
	SAS0031				82 49,3						N 0,	N 0,
COUNTY NAME: HEARD					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
FRANKLIN	GA00006	CHATTAHOOCHEE RI			33 0,	2680.0	4311,	55,	56,	176,	U 0,	U 0,
	SAM0120	VER			85 0,						T 54.75	T 159.4
COUNTY NAME: HENRY					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
PEACHSTONE	GA00067	SOUTH RIVER	HR		33 37,0	372.0	500,	106,	116,	230,	U 0,	U 0,
	SAS0032				84 6,8						T 11.09	T 31.7
SPIVEY LAKE	GA01561	TR NUM CREEK	R	DR SPIVEY	33 31,2	13.0	16,	32,	36,	5,	E 0,	E 0,
	SAS0033				84 16,7						N ,09	N .2

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COUNTY NAME: HOUSTON					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
HOUSTON LAKE	GA00023	MOSSY CREEK	R	HOUSTON LAKE	32 30,1	110,0	140,	18,	20,	2,	E 0,	E 0,
	SA30034			COUNTRY CLB	83 39,9						N ,49	N 1,2
COUNTY NAME: JACKSON					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
CURRY CREEK	GA00071	NORTH OCONEE RIV	CSR		34 4,7	181,0	300,	76,	99,	249,	U 0,	U 0,
	SA30035	ER			83 27,8						T 4,18	T 11,7
TALASSEE	GA00087	MIDDLE OCONEE RI	HR		34 ,4	364,0	490,	97,	91,	262,	U 0,	U 0,
	SA30036	VER			83 32,0						T 10,74	T 29,9
COUNTY NAME: JASPER					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
MONTICELLO	GA00085	MURDER CREEK	HR		33 20,5	46,0	120,	61,	75,	40,	U 0,	U 0,
	SA30037				83 40,0						T ,89	T 2,4
LLOYD SHOALS	GA00487	OCMULGEE RIVER	HR	GA POWER CO	33 19,3	1400,0	1700,	100,	102,	107,	E 144,00	E 67,0
	SA30038				83 50,5						N 0,	N 0,
COUNTY NAME: JEFF DAVIS					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
UPPER HURRICANE CREEK	GA00073	HURRICANE CREEK	IR		31 43,7	97,0	130,	20,	30,	102,	U 0,	U 0,
	SA30040				82 36,8						T ,40	T ,9
COUNTY NAME: JEFFERSON					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
BRIER CREEK	GA00095	BRIER CREEK	CR		33 16,8	408,0	490,	17,	53,	446,	U 0,	U 0,
	SA30041				82 17,8						T 1,62	T 5,0

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH)
COUNTY NAME: JONES					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
DAMES FERRY	GA00079	OCMULGEE RIVER	H		33 1.5	2118.0	3000.	27.	32.	29.	U 0.	U 0.
	SA50042				83 43.5						T 16.84	T 46.0
COUNTY NAME: LIBERTY					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
CANOOCHEE CREEK LAKE	GA01718	CANOOCHEE CREEK	CRO		32 1.0	30.0	26.	14.	15.	2.	E 0.	E 0.
	SA50044				81 44.5						N .08	N .2
COUNTY NAME: LUMPKIN					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
NEW BRIDGE	GA00003	CHESTATEE RIVER			35 0.	232.0	530.	115.	156.	250.	U 0.	U 0.
	SAM0121				84 0.						T 12.43	T 41.8
WATERSHED NO. 26 ETOWAH RIVER	GA00545	ETOWAH RIVER	CR	L.DAVIS	34 30.8	58.0	153.	37.	50.	2.	E 0.	E 0.
	SAM0122				84 4.5						N 1.07	N 3.9
WATERSHED NO. 32 ETOWAH RIVER	GA00547	ETOWAH RIVER	C	USDA FS	34 34.9	9.0	21.	42.	57.	3.	E 0.	E 0.
	SAM0123				84 7.8						N .17	N .6
ETOWAH 32	GA00853	JONES CREEK	C	USDA FS	34 35.2	10.0	23.	55.	65.	2.	E 0.	E 0.
	SAM0124				84 8.7						N .24	N .9
COUNTY NAME: MACON					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
MIONA	GA00002	FLINT RIVER			32 0.	2366.0	2981.	39.	48.	414.	U 0.	U 0.
	SAM0125				84 0.						T 26.64	T 78.4
MIGHTOWER SHOALS	GA00008	FLINT RIVER			32 0.	1231.0	25680.	70.	70.	0.	U 0.	U 0.
	SAM0126				84 0.						T 24.88	T 73.2

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: MADISON					FERC POWER SUPPLY AREA 23					FERC REGIONAL OFFICE CODE AT		
SOUTH RIVER NO 2	GA00426	SOUTH RIVER	C		34 9,0	23.0	38.	16.	44.	6.	E 0.	E 0.
7	SAS0045				83 17,0						N .22	N .7
SOUTH RIVER NO 2	GA00427	BRUSH CREEK	C		34 4,0	30.0	46.	9.	37.	7.	E 0.	E 0.
9	SAS0046				83 13,6						N .24	N .7
COUNTY NAME: MERIWETHER					FERC POWER SUPPLY AREA 23					FERC REGIONAL OFFICE CODE		
CANE RIVER CREEK	GA01097	POUNDS BRANCH	SCR	SCS	32 57,9	6.0	11.	25.	34.	3.	E 0.	E 0.
NO. 2	SAM0127				84 36,7						N .07	N .2
COUNTY NAME: MITCHELL					FERC POWER SUPPLY AREA 23					FERC REGIONAL OFFICE CODE AT		
LOWER VADA	GAU0017	FLINT RIVER			31 0,	7112.0	8290.	36.	49.	11.	U 0.	U 0.
	SAM0128				84 0,						T 65.48	T 210.1
COUNTY NAME: MONROE					FERC POWER SUPPLY AREA 23					FERC REGIONAL OFFICE CODE AT		
JACKSON BRIDGE	GAU0089	TOWALIGA RIVER	HR		33 7,2	322.0	440.	73.	80.	92.	U 0.	U 0.
	SAS0047				83 54,7						T 6.49	T 18.5
TOBESOFKEE CREEK	GA01041	LITTLE TOBESOFKE	C		32 57,7	16.0	24.	14.	30.	5.	E 0.	E 0.
NO 70	SAS0048	E CREEK			84 2,6						N .08	N .2
HIGH FALLS LAKE	GA01901	TOWALIGA RIVER	R	STATE PARK	33 6,0	128.0	214.	36.	49.	14.	E 0.	E 0.
	SAS0049				83 47,9						N 1.63	N 4.8
JULIETTE DAM	GA01902	OCMULGEE RIVER	H	TRIU MANUFAC	33 6,0	1960.0	2100.	16.	19.	2.	E 0.	E 0.
	SAS0050			TURING	83 47,8						N 3.45	N 20.4

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: MORGAN					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
LAKE RUTLEDGE	GA00460	HARD LABOR CREEK	R	STATE PARK	33 38,5	52,0	114,	17,	20,	2,	E 0,	E 0,
	SAS0053				83 34,8						N ,29	N ,8
COUNTY NAME: MURRAY					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE					
REREGULATION POO	GA00622	COOSAWATTEE RIVE	OHRC	DAEN SAM	34 36,2	530,0	946,	39,	46,	19,	E 0,	E 0,
L	SAM0129	R			84 41,6						N 5,49	N 18,6
COUNTY NAME: MUSCOGEE					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
COLUMBUS	GAU0010	CHATTAHOOCHEE RI			32 25,7	4640,0	6776,	33,	33,	0,	U 0,	U 0,
	SAM0130	VER			85 0,						T 49,00	T 150,1
OLIVER LAKE	GA00837	CHATTAHOOCHEE	HR	GEORGIA PWR	32 30,9	4600,0	6718,	48,	57,	32,	E 60,00	E 265,9
	SAM0131			CO	85 0,						N 0,	N 0,
ANTHONY DAM	GA01117	TR-BULL CREEK	R	J T ANTHONY	32 31,8	8,0	13,	41,	50,	2,	E 0,	E 0,
	SAM0132				84 52,7						N ,09	N ,3
COUNTY NAME: NEWTON					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
BIG FLAT CREEK	GAU0076	BIG FLAT CREEK	R		33 39,3	38,0	92,	57,	65,	27,	U 0,	U 0,
	SAS0054				83 46,9						T ,76	T 2,2
FACTORY SHOALS	GAU0081	ALCOVY RIVER	HR		33 31,5	254,0	350,	106,	74,	62,	U 0,	U 0,
	SAS0055				83 50,0						T 9,48	T 27,6
LEE SHOALS	GAU0082	YELLOW RIVER	HR		33 25,5	453,0	530,	33,	39,	60,	U 0,	U 0,
	SAS0056				83 53,0						T 4,15	T 11,2
PORTERDALE	GA01903	YELLOW RIVER	H	BIBB MANUFAC	33 34,2	413,0	498,	47,	48,	1,	E 1,20	E 5,8
	SAS0057			TURING CO	83 54,0						N 4,19	N 8,8

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: OCONEE					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
HIGH SHOALS	GA00092	APALACHEE RIVER	HR		33 49,0	151.0	260.	110.	60.	34. U	0. U	0.
	SA00058				83 31,0					T	5.29 T	14.0
COUNTY NAME: PICKENS					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE				
GRANDVIEW LAKE	GA00683	CHAMPION CREEK	R	GRANVIEW LAK	34 30,3	4.0	41.	67.	89.	2. E	0. E	0.
	SA00133			E INC.	84 24,3					N	.59 N	2.0
PETIT LAKE	GA00685	EAST BRANCH	R	BIG CANOE	34 27,6	4.0	41.	59.	73.	4. E	0. E	0.
	SA00134				84 17,8					N	.52 N	1.7
TAMARACK LAKE	GA00688	LONG SWAMP CREEK	R	BENT TREE +	34 30,2	9.0	21.	68.	88.	4. E	0. E	0.
	SA00135			STRATTON ASS	84 31,8					N	.27 N	1.0
NONAME DAM	GA00692	POLECAT CREEK	C		34 26,3	4.0	41.	45.	61.	1. E	0. E	0.
	SA00136				84 26,6					N	.40 N	1.3
JONES DAM	GA00703	TALKING ROCK CRE	C	GRADY JONES	34 30,7	6.0	19.	59.	80.	3. E	0. E	0.
	SA00137	EK			84 28,9					N	.21 N	.8
WATERSHED NO. 14	GA00706	EAST BRANCH	C	T. JONES	34 25,5	9.0	21.	54.	73.	3. E	0. E	0.
LONG SWAMP CREE	SA00138				84 18,0					N	.21 N	.8
COUNTY NAME: PIERCE					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
HURRICANE CREEK	GA00131	SATILLA RIVER	H		31 7,0	1930.0	993.	24.	32.	284. U	0. U	0.
	SA00059				82 15,5					T	5.64 T	18.8
COUNTY NAME: PUTNAM					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
MURDER CREEK	GA00093	MURDER CREEK	HR		33 14,2	226.0	340.	128.	136.	900. U	0. U	0.
	SA00060				83 27,3					T	9.21 T	24.6

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: PUTNAM					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
ROOTY CREEK NO 2	GA00406	ROOTY CREEK	C	MILNER CARNE	33 18,6	18.0	20.	16.	34.	1.	0. E	0. E
7	SAS0061		S		83 21,0						.11 N	.2
WALLACE	GA00839	OCONEE	HR	GEORGIA PWR	33 20,6	1830.0	2420.	94.	107.	470.	324.00 E	341.0
	SAS0062		CO		83 9,1						0. N	0.
COUNTY NAME: RABUN					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
SAND BOTTOM	GAU0077	CHATTOOGA RIVER	HR		34 50,8	178.0	590.	139.	119.	6.	66.00 E	43.0
	SAS0063				83 15,2						0. N	0.
TALLULAH FALLS LAKE	GA00844	TALLULAH RIVER	HR	GEORGIA PWR	34 44,3	186.0	480.	598.	108.	2.	72.00 E	170.6
	SAS0064		CO		83 22,5						6.03 N	107.5
MATHIS-TERRORA	GA00845	TALLULAH	HR	GEORGIA PWR	34 45,9	151.0	410.	187.	190.	31.	16.00 E	46.3
	SAS0065		CO		83 25,0						3.61 N	24.5
NACOOCHEE	GA00846	TALLULAH	HR	GEORGIA PWR	34 45,2	136.0	380.	62.	90.	7.	4.80 E	12.0
	SAS0066		CO		83 30,0						1.12 N	9.1
LAKE BURTON	GA00847	TALLULAH	HR	GEORGIA PWR	34 47,6	115.0	340.	112.	114.	108.	6.12 E	20.2
	SAS0067		CO		83 32,4						2.92 N	12.1
COUNTY NAME: RICHMOND					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
RICHMOND FACTORY POND	GA00922	SPIRIT CREEK	S		33 20,8	57.0	50.	19.	22.	2.	0. E	0.
	SAS0068				82 3,4						.23 N	.7
NEW SAVANNAH BLUFF POOL	GA01703	SAVANNAH RIVER	N	DAEN SAS	33 22,4	7420.0	10200.	13.	27.	11.	0. E	0.
	SAS0069				81 56,5						29.13 N	87.5
WATER RESERVOIR	GA01721	BUTLER CREEK	S		33 25,0	13.0	11.	44.	45.	2.	0. E	0.
	SAS0070				82 5,0						.13 N	.3

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

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COUNTY NAME: ROCKDALE					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
NEW BETHEL	GA00075	YELLOW RIVER	R		33 43.1	191.0	290.	68.	75.	39.	U 0.	U 0.
	SA00071				84 2.5					T	3.47 T	9.8
COUNTY NAME: STEPHENS					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
LAKE LOUISE	GA00482	HALTON CREEK	R		34 36.2	4.0	12.	27.	30.	1.	E 0.	E 0.
	SA00080				83 16.1					N	.09 N	.3
YONAH LAKE	GA00851	TUGALO RIVER	HR	GEORGIA PWR	34 40.9	470.0	1160.	69.	70.	9.	E 22.50	E 90.8
	SA00081			CO	83 20.5					N	0.	N 0.
COUNTY NAME: TALBOT					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
SPEWRELL BLUFF	GA00016	FLINT RIVER			33 0.	1210.0	1609.	107.	144.	361.	U 0.	U 0.
	SA00139				84 0.					T	44.54 T	109.5
COUNTY NAME: TAYLOR					FERC POWER SUPPLY AREA 23		FERC REGIONAL OFFICE CODE AT					
LOWER AUCHUMPKEE	GA00022	FLINT RIVER			32 30.0	1970.0	2620.	62.	84.	124.	U 0.	U 0.
	SA00140				84 0.					T	42.02 T	103.3
COUNTY NAME: TOWNS					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
WATERSHED NO. 25	GA00116	HALL CK.	C	JACK VANNUS	34 57.3	2.0	21.	50.	67.	0.	E 0.	E 0.
	NC00015				83 38.5					N	.22 N	.7
WATERSHED NO.18	GA00117	SCATAWAY CK.	C	IDA BARNES	34 57.5	2.0	21.	38.	52.	0.	E 0.	E 0.
	NC00016				83 40.4					N	.17 N	.6
WATERSHED NO 13	GA00120	HIGHTOWER CK	C	W DAWSON	34 58.0	2.0	21.	55.	75.	0.	E 0.	E 0.
	NC00017				83 36.3					N	.24 N	.8

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

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

LEGEND

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF GEORGIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: WAYNE					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
LITTLE SATILLA C REEK NO 7	GA01694 SA30086	DRY CREEK	IR	WAYNE COUNTY	31 34.5 82 2.6	30.0	26.	14.	18.	2.	0.E N	0.E .08N	0. .2
COUNTY NAME: WHITFIELD					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
DALTON	GA00020 SAM0143	CONASAUGA RIVER			35 0. 85 0.	70.0	117.	50.	50.	0. T	0.U 1.25T	0.U 3.1
TILTON	GA00024 SAM0144	CONASAUGA RIVER			34 39.4 84 55.9	650.0	1160.	48.	65.	430. T	0.U 7.55T	0.U 27.3
WATERSHED NO.7	GA00115 ORN0021	MILL CK.	C	GAIR WOODLAN DS CORP	34 45.7 85 1.8	13.0	30.	20.	27.	2. N	0.E .11N	0. .4
COUNTY NAME: WILKES					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
ANTHONY SHOALS	GA00065 SA80087	BROAD RIVER	HR		33 59.0 82 39.0	1490.0	1860.	63.	70.	320. T	0.U 28.63T	0.U 75.0
COUNTY NAME: WORTH					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
ABRAMS CREEK	GA00009 SAM0145	FLINT RIVER			31 41.1 84 0.	4037.0	4874.	20.	20.	0. T	0.U 23.75T	0.U 67.6

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STATE OF LOUISIANA

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

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

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

LEGEND

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

PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF LOUISIANA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: BEAUREGARD					FERC POWER SUPPLY AREA 35			FERC REGIONAL OFFICE CODE FW				
BUNDICK CREEK	LA00006	BUNDICK CREEK	R	STATE OF LA	30 44,0	200,0	268,	31,	42,	58,	E 0,	E 0,
	LMN0003				93 5,4						N 1,74	N 4,0
COUNTY NAME: BIENVILLE					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
KEPLER CREEK DAM	LA00021	KEPLER CREEK	R	STATE OF LA	32 19,0	46,2	47,	26,	35,	50,	E 0,	E 0,
	LMN0004				93 9,2						N 2,36	N 4,2
COUNTY NAME: BOSSIER					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
LAKE BISTINEAU	LA00002	LOGGY BAYOU	RCS	STATE OF LA	32 19,5	1443,0	1470,	32,	43,	318,	E 0,	E 0,
	LMN0005				93 25,6						N 5,00	N 17,2
CYPRESS BLACK BAYOU SITE NO 1	LA00013	CYPRESS BAYOU	RS	STATE OF LA	32 39,1	130,0	132,	30,	41,	77,	E 0,	E 0,
	LMN0006				93 39,3						N ,62	N 1,0
BAYOU BODCAU DAM	LA00179	BAYOU BODCAU	CR	DAEN LMN	32 42,3	656,0	591,	52,	70,	1198,	E 0,	E 0,
	LMN0007				93 30,8						N 5,02	N 16,0
COUNTY NAME: CADDO					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
BLACK BAYOU DAM	LA00003	BLACK BAYOU	RD	STATE OF LA	32 52,9	231,0	203,	21,	29,	123,	E 0,	E 0,
	LMN0008				93 53,7						N 1,21	N 2,9
WALLACE LAKE DAM	LA00180	CYPRESS BAYOU	CR	DAEN LMN	32 19,0	260,0	236,	32,	43,	268,	E 0,	E 0,
	LMN0009				93 40,2						N 2,11	N 4,8
CADDO DAM	LA00181	CYPRESS BAYOU	NRS	CADDO LEVEE DISTRICT	32 42,4	2744,0	2089,	35,	47,	755,	E 0,	E 0,
	LMN0010				93 55,1						N 26,54	N 54,0

LEGEND

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF LOUISIANA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CALDWELL					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
COLUMBIA LOCK AND DAM	LA00177 LMK0039	OUACHITA RIVER	N	DAEN LMK	32 10.1 92 6.6	24200.0	29982.	18.	41.	0.	0. E N 134.96	0. E N 386.3
COUNTY NAME: CATAHOULA					FERC POWER SUPPLY AREA 35			FERC REGIONAL OFFICE CODE FW				
RED RIVER WATERWAY LOCK + DAM 1	LA00001 LMN0011	RED RIVER			31 15.0 91 57.5	67530.0	17400.	36.	80.	0.	U T 333.90	0. U T 808.3
JONESVILLE LOCK AND DAM	LA00175 LMK0040	BLACK RIVER	N	DAEN LMK	31 29.0 91 51.7	15630.0	7355.	20.	50.	0.	E N 42.93	0. E N 103.9
COUNTY NAME: CLAIBORNE					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
LAKE CLAIBORNE	LA00011 LMK0041	BAYOU DANBUNNE	S	STATE OF LA	32 44.4 92 54.1	133.0	153.	37.	50.	200.	E N 1.37	0. E N 2.9
CORNEY LAKE DAM	LA00094 LMK0042	CORNEY BAYOU	RCO	USDA FS	32 54.0 92 46.0	442.0	407.	18.	25.	24.	E N 1.55	0. E N 3.6
COUNTY NAME: DE SOTO					FERC POWER SUPPLY AREA 35			FERC REGIONAL OFFICE CODE FW				
SMITHPORT DAM	LA00028 LMN0012	SAMPSON CHANNEL	RO	STATE OF LA	32 7.0 93 33.8	205.0	207.	11.	15.	42.	E N .28	0. E N .5
COUNTY NAME: EAST BATON ROUGE					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
HOO SHOO TOO RESERVOIR	LA00010 LMN0013	AMITE RIVER			30 21.6 90 57.3	1370.0	2086.	20.	27.	108.	U T 4.22	0. U T 17.7

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF LOUISIANA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: EAST FELICIANA					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
CLINTON RESERVOIR	LAU0006	COMITE RIVER			30 52,0	81.0	128.	26.	57.	106.	U 0.	U 0.
	LMN0014				91 2,8						T .79	T 1.6
FELIXVILLE RESER VOIR	LAU0007	AMITE RIVER			30 58,3	551.0	870.	43.	90.	710.	U 0.	U 0.
	LMN0015				90 50,9						T 4.71	T 16.5
COUNTY NAME: FRANKLIN					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
TURKEY CR LAKE	LA00029	TURKEY CREEK	RO	STATE OF LA	31 54,3	163.0	216.	25.	34.	52.	E 0.	E 0.
	LMK0043				91 46,3						N 1.35	N 1.9
COUNTY NAME: LIVINGSTON					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
DENHAM SPRINGS RESERVOIR	LAU0011	AMITE RIVER			30 30,6	935.0	1373.	15.	20.	19.	U 0.	U 0.
	LMN0016				90 58,0						T 3.61	T 10.5
COUNTY NAME: NATCHITOCHES					FERC POWER SUPPLY AREA 35			FERC REGIONAL OFFICE CODE FW				
RED RIVER WATERWAY LOCK & DAM 4	LAU0003	RED RIVER			31 51,0	63407.0	17400.	28.	64.	0.	U 0.	U 0.
	LMN0017				93 6,0						T 243.85	T 590.3
KISATCHIE BAYOU RESERVOIR	LAU0008	KISATCHIE BAYOU			31 36,0	277.0	280.	60.	81.	450.	U 0.	U 0.
	LMN0018				93 6,0						T 3.59	T 8.6
ALLEN-CHIVERY	LA00004	BAYOU BOURBEUX	R	STATE OF LA	31 50,9	1325.0	1340.	24.	33.	280.	E 0.	E 0.
	LMN0019				92 57,5						N 3.72	N 14.1
SALINE LAKE DAM	LA00026	SALINE BAYOU	RO	STATE OF LA	31 51,5	1325.0	1130.	15.	20.	122.	E 0.	E 0.
	LMN0020				92 57,0						N 3.88	N 10.6
SIBLEY LAKE DAM	LA00027	OLD RIVER	S	STATE OF LA	31 45,3	40.0	40.	24.	32.	39.	E 0.	E 0.
	LMN0021				93 6,5						N .29	N .4

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF LOUISIANA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: POINTE COUPEE					FERC POWER SUPPLY AREA 35		FERC REGIONAL OFFICE CODE FW					
FALSE RIVER DRAINAGE STRUCTURE	LA00016 LMN0022	FALSE RIVER	R	STATE OF LA	30 37.3 91 28.6	45.0	71.	19.	24.	160.	E 0. N .37	E 0. N .7
COUNTY NAME: RAPIDES					FERC POWER SUPPLY AREA 35		FERC REGIONAL OFFICE CODE FW					
RED RIVER WATERWAY LOCK & DAM 3	LA00004 LMN0023	RED RIVER			31 29.0 92 41.0	66860.0	17400.	29.	74.	0.	U 0. T 266.31	U 0. T 644.7
RED RIVER WATERWAY LOCK & DAM 2	LA00005 LMN0024	RED RIVER			31 11.0 92 18.0	67458.0	17400.	18.	64.	0.	U 0. T 166.77	U 0. T 403.7
COUNTY NAME: RED RIVER					FERC POWER SUPPLY AREA 35		FERC REGIONAL OFFICE CODE FW					
RED RIVER WATERWAY LOCK & DAM 5	LA00002 LMN0025	RED RIVER			32 13.0 93 28.0	64520.0	17400.	30.	53.	0.	U 0. T 243.41	U 0. T 544.0
COUNTY NAME: SABINE					FERC POWER SUPPLY AREA 35		FERC REGIONAL OFFICE CODE FW					
TOLEDO BEND	LA00030 SWF0001	SABINE	IHRC	SABINE RIVER AUTHORITY	31 10.5 93 34.1	7176.0	5850.	72.	102.	5102.	E 81.00 N 48.30	E 215.0 N 73.8
LA NO NAME 85	LA00256 SWF0002	DICK BRANCH	O		31 22.9 93 24.2	20.0	28.	29.	37.	7.	E 0. N .25	E 0. N .4
COUNTY NAME: UNION					FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW					
LAKE DARBONNE	LA00015 LMK0044	BAYOU DARBONNE	R	STATE OF LA	32 42.7 92 20.4	1585.0	1820.	38.	51.	240.	E 0. N 4.93	E 0. N 19.8

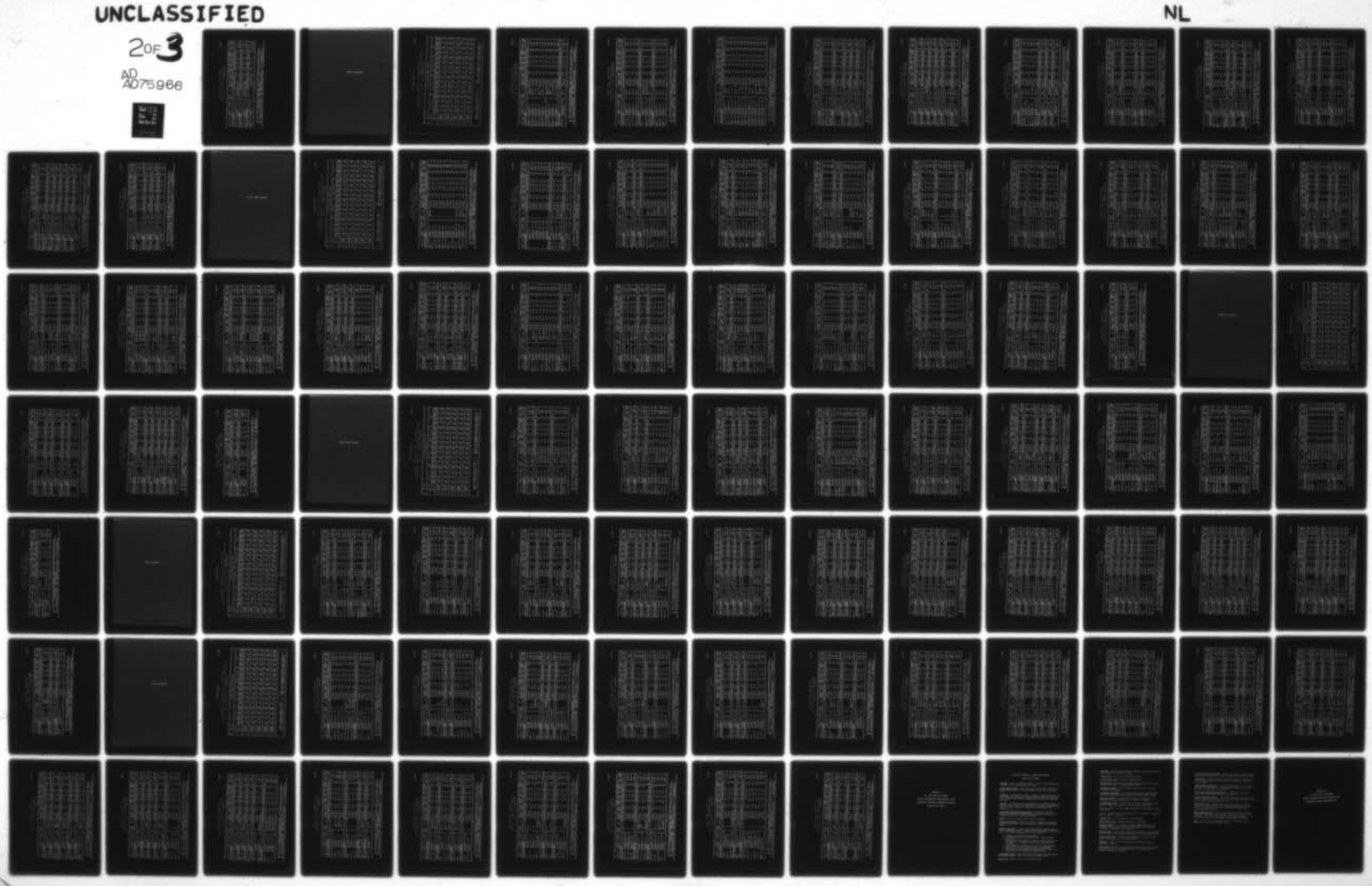
LEGEND

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AD-A075 966 INSTITUTE FOR WATER RESOURCES (ARMY) FORT BELVOIR VA F/G 10/1
NATIONAL HYDROELECTRIC POWER RESOURCES STUDY. PRELIMINARY INVEN--ETC(
JUL 79 W R SIGLEO , J R HANCHEY , D G NOLTON

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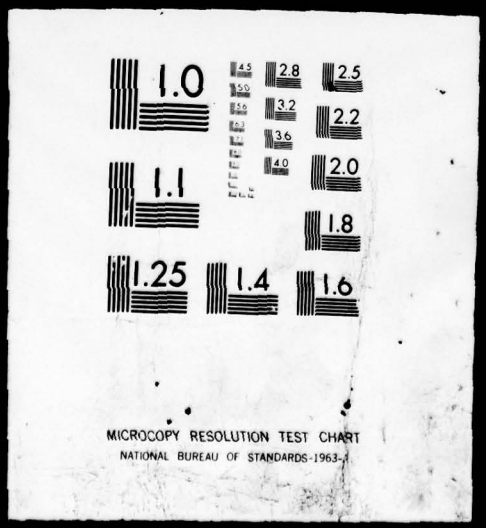
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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF LOUISIANA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: VERNON					FERC POWER SUPPLY AREA 35			FERC REGIONAL OFFICE CODE FW				
VERNON LAKE DAM	LA00022	ANACOCO BAYOU	S	ANACOCO-PRAI	31 10,6	116,0	174,0	41,0	56,0	99,0	E 0,	E 0,
	SWF0003			RIE GAME COM	93 21,5						N 1,65	N 3,8
COUNTY NAME: WEBSTER					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
WILLIAMS LAKE	LA00326	BODCAU BAYOU	S	INTERNATIONA	32 55,5	260,0	272,0	12,0	16,0	3,0	E 0,	E 0,
	LMN0026			L PAPER CO,	93 28,3						N ,60	N 1,6
COUNTY NAME: WEST FELICIANA					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
OLD RIVER CONTRO	LAU0009	MISSISSIPPI RIVE			31 6,0	1126940,0	165000,0	10,0	10,0	0,0	U 0,	U 0,
L STRUCTURE	LMN0027	R			90 36,0						T 1081,48	T 4150,2

LEGEND

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STATE OF MISSISSIPPI

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

HEAD INCREMENT	CAPACITY/ENERGY	POTENTIAL INCREMENTAL CAPACITY RANGES															
		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP
0-19	NUMBER	0	10	1	11	0	0	0	0	0	0	0	0	0	10	1	11
	CAPCTY	0.0	1.6	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	1.7
	ENERGY	0.0	4.1	0.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.2	4.4
20-49	NUMBER	0	38	34	72	0	1	1	2	0	1	1	2	0	40	36	76
	CAPCTY	0.0	11.6	41.3	53.0	0.0	16.1	23.2	39.3	0.0	62.6	45.0	108	0.0	90.6	110	200
	ENERGY	0.0	40.1	103	143	0.0	65.0	54.3	119	0.0	112	87.1	199	0.0	217	244	462
50-99	NUMBER	0	2	3	5	0	0	0	0	0	1	0	1	0	3	3	6
	CAPCTY	0.0	7.3	10.0	17.3	0.0	0.0	0.0	0.0	0.0	33.9	0.0	33.9	0.0	41.2	10.0	51.2
	ENERGY	0.0	26.7	34.0	60.8	0.0	0.0	0.0	0.0	0.0	80.2	0.0	80.2	0.0	107	34.0	141
>100	NUMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAPCTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ENERGY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	NUMBER	0	50	38	88	0	1	1	2	0	2	1	3	0	53	40	93
	CAPCTY	0.0	20.5	51.4	72.0	0.0	16.1	23.2	39.3	0.0	98.8	45.0	142	0.0	134	120	253
	ENERGY	0.0	71.1	137	208	0.0	65.0	54.3	119	0.0	192	87.1	280	0.0	329	278	607

LEGEND

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

PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ADAMS					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
SECOND CR WATERS MED STR 6A	MS00425 LMK0045	SECOND CR	C	RICHARD AYER S CRAIG	31 30,4 91 16,5	6.0	8,	34,	46,	2,E N	0, E .12 N	0, E .1
SECOND CR WATERS MED STR 6B	MS00427 LMK0046	SECOND CR	C	ELOISE RAY	31 30,0 91 16,0	9.0	11,	35,	48,	4,E N	0, E .10 N	0, E .1
SECOND CR WATERS MED STR 7	MS00429 LMK0047	SECOND CR	C	E B ODGEN	31 28,1 91 20,0	17.0	21,	34,	46,	6,E N	0, E .19 N	0, E .3
SECOND CR WATERS MED STR 10B	MS00431 LMK0048	SECOND CR	C	MARY C ARMST RONG	31 24,6 91 20,0	3.0	33,	27,	37,	1,E N	0, E .21 N	0, E .6
SECOND CR WATERS MED STR 10A	MS00432 LMK0049	SECOND CR	C	FORREST FLIN N	31 24,1 91 19,0	3.0	33,	23,	31,	1,E N	0, E .18 N	0, E .5
SECOND CR STRUCTURE 12 WATERSHED	MS00435 LMK0050	LATERAL NUMBER 4	C	JOHN MANVILL E PRODUCT	31 28,1 91 22,0	4.0	45,	21,	28,	2,E N	0, E .21 N	0, E .6
SECOND CR WATERS MED STR 8	MS00436 LMK0051	SECOND CR	C	SIDNEY B MCC ALEB	31 21,8 91 21,8	5.0	56,	21,	28,	2,E N	0, E .27 N	0, E .8
SECOND CR WATERS MED STR 9	MS00439 LMK0052	SECOND CR	C	N L CARPENTE R	31 22,1 91 20,2	3.0	33,	24,	32,	1,E N	0, E .18 N	0, E .5
SECOND CR WATERS MED STR 1	MS00440 LMK0053	SECOND CR	C	T K ARMSTRON G	31 20,8 91 24,4	4.0	45,	27,	36,	1,E N	0, E .27 N	0, E .8
COUNTY NAME: AMITE					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
SANSING LAKE	MS00237 LMN0028	WEST FORK WAGONE R CREEK	R	KENNEN	31 11,5 90 55,8	50.0	79,	13,	17,	1,E N	0, E .22 N	0, E .5

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM 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 (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ATTALA					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
ZILPHA CR RES	MSU0208	ZILPHA CR	C	DAENLMK	33 14.0	89.0	121.	27.	37.	52.	U 0.	U 0.
	LMK0054				89 43.0						T .89	T 1.6
SHARKEY CR RES	MSU0209	SHARKEY CR	C	DAENLMK	33 8.0	21.0	32.	21.	29.	13.	U 0.	U 0.
	LMK0055				89 44.0						T .15	T .3
APOOKTA CR RES	MSU0210	APOOKTA CR	C	DAENLMK	33 6.0	59.0	80.	30.	40.	36.	U 0.	U 0.
	LMK0056				89 44.0						T .74	T 1.3
SENEATCHA CR RES	MSU0211	SENEATCHA CR	C	DAENLMK	32 56.0	100.0	136.	25.	34.	56.	U 0.	U 0.
	LMK0057				89 52.0						T .89	T 1.7
COUNTY NAME: BENTON					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
LT-7-2	MS00941	LITTLE SNOW CR	C	TIPPAH RIV T RI-CO DR DST	34 46.6	17.0	31.	24.	33.	5.	E 0.	E 0.
	LMK0058				89 15.6						N .14	N .3
TIPPAH RI WATERSHED LT-7-4	MS00944	WAGGNER CREEK	C	TIPPAH RIV T RI-CO DR DST	34 45.4	10.0	15.	25.	34.	3.	E 0.	E 0.
	LMK0059				89 15.8						N .07	N .2
TIPPAH RI WATERSHED LT-7-3	MS01462	TR-BIG SNOW CREE	C	USDA FS	34 47.3	13.0	24.	30.	40.	4.	E 0.	E 0.
	LMK0060	K			89 15.2						N .15	N .3
COUNTY NAME: CARROLL					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
PINEBLUFF FLD CNTL RES	MSU0182	ABIACA CR.	C	DAENLMK	33 23.0	95.0	129.	34.	46.	68.	U 0.	U 0.
	LMK0061				90 8.0						T 1.18	T 2.2
VALLEY HILL FLD CNTL RES	MSU0183	PELUCIA CR	C	DAENLMK	33 28.0	67.0	91.	34.	46.	44.	U 0.	U 0.
	LMK0062				90 2.0						T .90	T 1.6
MALMASION FLD CNTL RES	MSU0184	BIG SAND CR	C	DAENLMK	33 32.0	110.0	150.	41.	55.	102.	U 0.	U 0.
	LMK0063				90 0.						T 1.52	T 2.9

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CARROLL					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FR				
TEOC FLD CNTL RES	MSU0185	TEOC CR	C	DAENLMK	33 35,0	33.0	49.	31.	42.	21.	U 0.	U 0.
	LMK0064				90 2,0						T .30	T .7
AVALON FLD CNTL RES	MSU0186	POTACOCOWA CR	C	DAENLMK	33 40,0	62.0	92.	26.	35.	38.	U 0.	U 0.
	LMK0065				90 2,0						T .47	T 1.2
ABIACA WATERSHED Y-34-5	MS01042	TR-COILA CREEK	C	M STONE	32 23,0	0.0	8.	30.	40.	2.	E 0.	E 0.
	LMK0066				90 2,9						N .07	N .1
ABIACA WATERSHED Y-34-6	MS01043	COILA CREEK	C	BILLY DAVES	33 22,8	14.0	19.	30.	41.	5.	E 0.	E 0.
	LMK0067				90 1,8						N .16	N .3
ABIACA WATERSHED Y-34-7	MS01044	TR-COILA CREEK	C	R L BEARD	33 21,5	6.0	8.	29.	39.	2.	E 0.	E 0.
	LMK0068				90 0,						N .06	N .1
ABIACA WATERSHED Y-34-8	MS01045	TR-ABIACA CREEK	C	B B SANDERS	33 19,7	10.0	14.	27.	36.	4.	E 0.	E 0.
	LMK0069				89 57,7						N .09	N .2
ABIACA WATERSHED Y-34-11	MS01046	ABOTCAPUTA CREEK	C	B H MCCARTY	33 26,9	10.0	14.	33.	44.	4.	E 0.	E 0.
	LMK0070				90 3,6						N .12	N .2
BIG SAND WATERSHED Y-32-9A	MSU1056	TR-LITTLE SAND CREEK	C	B T BAILEY	33 28,9	7.0	10.	27.	37.	3.	E 0.	E 0.
	LMK0071				89 50,5						N .07	N .1
BIG SAND WATERSHED Y-32-10	MSU1059	THOMPSON CREEK	C	PIERPONT	33 32,5	14.0	19.	29.	39.	3.	E 0.	E 0.
	LMK0072				89 49,8						N .15	N .3
BIG SAND WATERSHED Y-32-11	MS01060	MAGIC CREEK	C	CHARLIE WALKER	33 33,1	8.0	11.	33.	45.	3.	E 0.	E 0.
	LMK0073				89 51,0						N .10	N .2
BIG SAND WATERSHED Y-32-12	MS01061	BEASLEY CREEK	C	CATHERINE WILLIAMS	33 32,6	9.0	12.	29.	39.	4.	E 0.	E 0.
	LMK0074				89 54,5						N .10	N .2
BIG SAND WATERSHED Y-32-16	MS01064	LITTLE TEOC CREEK	C	SAN LONG	33 34,5	9.0	12.	35.	47.	3.	E 0.	E 0.
	LMK0075	K			90 2,2						N .11	N .2

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CARROLL					FERC POWER SUPPLY AREA 25					FERC REGIONAL OFFICE CODE FW		
BIG SAND WATERSHED Y-32-17	MS0105 LMK0076	TEOC CREEK	C	ROY WEEKS	33 35,2 90 1,4	14,0	19, 	35, 	48, 	5, 	0,E ,18N	0,E ,3
POTACOCAWA WATERSHED Y-31A-13	MS01081 LMK0077	PURNELL CREEK	C	MCDONALD	33 38,2 89 52,2	9,0	12, 	29, 	39, 	2, 	0,E ,10N	0, ,2
PELUCIA CR WATERSHED Y-33A-1	MS01593 LMK0078	TR-PELUCIA CREEK	C	O K GEE	33 27,6 89 56,3	10,0	14, 	27, 	36, 	3, 	0,E ,09N	0, ,2
COUNTY NAME: CHICKASAW					FERC POWER SUPPLY AREA 20					FERC REGIONAL OFFICE CODE		
BIFFLE DAM	MS00304 SAM0146	TR-CHUQUATONCHEE CREEK	CR	SIDNEY BIFFLE	34 3,4 88 55,3	12,0	22, 	27, 	36, 	4, 	0,E ,11N	0, ,2
ARON DAM	MS00305 SAM0147	TR-CHUQUATONCHEE CREEK	CR	BILLY ARON	34 3,4 88 54,0	7,0	13, 	22, 	30, 	2, 	0,E ,05N	0, ,1
COUNTY NAME: CHOCTAW					FERC POWER SUPPLY AREA 25					FERC REGIONAL OFFICE CODE FW		
MCCURTAIN CR RES	MS00204 LMK0079	MCCURTAIN CR	C	DAENLMK	33 26,0 89 22,0	39,0	71, 	22, 	30, 	23, 	0,U ,46T	0,L ,8
COUNTY NAME: CLARKE					FERC POWER SUPPLY AREA 22					FERC REGIONAL OFFICE CODE		
ARCHUSA CREEK	MS01402 SAM0148	CEDAR CREEK	R	CITY OF QUITMAN	32 1,2 88 43,7	60,0	74, 	17, 	23, 	6, 	0,E ,24N	0, ,5
COUNTY NAME: DESOTO					FERC POWER SUPPLY AREA 25					FERC REGIONAL OFFICE CODE FW		
LEWISBURG FD CNT L RES	MS00193 LMK0080	COLDWATER RIVER	C	DAENLMK	34 52,0 89 48,0	445,0	579, 	38, 	51, 	514, 	0,U 3,36T	0, 10,9

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

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COUNTY NAME: DESOTO						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
ARKABUTLA DAM	MS01496	COLDWATER RIVER	CR	DAEN LMK	34 45.4	1000.0	1355.	43.	68.	1383.	E 0.	E 0.
	LMK0081				90 7.4						N 6.49	N 29.1
COUNTY NAME: FORREST						FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE				
JPSP DAM	MS02490	WALLS CREEK	R	PAUL JOHNSON	31 10.5	15.0	19.	19.	26.	7.	E 0.	E 0.
	SAM0149			STATE PARK	89 14.4						N .07	N .1
COUNTY NAME: GEORGE						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE AT				
EDINBURG	MSU0004	PEARL RIVER			33 0.	867.0	1087.	41.	55.	450.	U 0.	U 0.
	SAM0150				89 0.						T 4.76	T 17.3
COUNTY NAME: GRENADA						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
GRENADA DAM	MS01494	YALOBUSHA RIVER	CR	DAEN LMK	33 48.5	1320.0	1672.	47.	86.	2722.	E 0.	E 0.
	LMK0082				89 46.3						N 16.11	N 65.1
COUNTY NAME: HINDS						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
EDWARDS RES	MSU0194	BIG BLACK RIVER	HCR	DAENLMK	32 25.0	2400.0	3057.	43.	58.	2120.	U 0.	U 0.
	LMK0083				90 36.0						T 45.01	T 87.2
PORTERS>COX RES.	MSU0201	PORTERS CR	C.	DAENLMK	32 27.0	35.0	44.	25.	34.	21.	U 0.	U 0.
	LMK0084				90 35.0						T .52	T .5
COUNTY NAME: HOLMES						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
HOWARD FLD CNTL RES	MSU0180	BLACK CR	C	DAENLMK	33 7.0	149.0	203.	36.	49.	105.	U 0.	U 0.
	LMK0085				90 10.0						T 1.73	T 3.4

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

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

LEGEND

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: LAUDERDALE					**FERC POWER SUPPLY AREA 22**			**FERC REGIONAL OFFICE CODE**				
OKATIBBEE LAKE	MS01491	OKATIBBEE CREEK	CRS	DAEN SAM	32 28,5	154,0	190,*	52,*	67,*	59,*E	0, *E	0,
	SAM0153				88 47,9					*N	2,05*N	4,9
DALEWOOD DAM	MS02586	TR-PONTA CREEK	R	DALEWOOD SHO	32 29,6	25,0	31,*	19,*	25,*	20,*E	0, *E	0,
	SAM0154			RE SUBDIVISI	88 30,8					*N	,11*N	,2
COUNTY NAME: MADISON					**FERC POWER SUPPLY AREA 25**			**FERC REGIONAL OFFICE CODE FW**				
DOAKS CR RES,	MSU0198	DOAKS CR	C	DAENLMK	32 43,0	103,0	140,*	26,*	35,*	60,*U	0, *U	0,
	LMK0092				89 55,0					*T	,95*T	1,8
PANTHER CR RES,	MSU0199	PANTHER CR	C	DAENLMK	32 40,0	17,0	26,*	17,*	23,*	10,*U	0, *U	0,
	LMK0093				90 5,0					*T	,09*T	,2
BOGUE-CHITTO RES	MSU0200	BOGUE-CHITTO RIV	C	DAENLMK	32 32,0	151,0	189,*	27,*	36,*	82,*U	0, *U	0,
	LMK0094	ER			90 23,0					*T	1,26*T	2,4
COUNTY NAME: MARSHALL					**FERC POWER SUPPLY AREA 20**			**FERC REGIONAL OFFICE CODE AT**				
LT-7-1 CHEWALLA	MS00943	CHEWALLA CREEK	CR	TIPPAH RIVER	34 46,6	29,0	53,*	24,*	32,*	5,*E	0, *E	0,
	LMK0095			DRAIN DIST	89 20,2					*N	,25*N	,5
COUNTY NAME: MONTGOMERY					**FERC POWER SUPPLY AREA 25**			**FERC REGIONAL OFFICE CODE FW**				
WOLF CR RES	MSU0205	WOLF CR	C	DAENLMK	33 27,0	45,0	82,*	24,*	32,*	26,*U	0, *U	0,
	LMK0096				89 31,0					*T	,57*T	,9
MULBERRY CR RES	MSU0206	MULBERRY CR	C	DAENLMK	33 27,0	45,0	82,*	21,*	28,*	27,*U	0, *U	0,
	LMK0097				89 33,0					*T	,50*T	,8
POPLAR CR RES	MSU0207	POPLAR CR	C	DAENLMK	33 21,0	61,0	110,*	22,*	30,*	47,*U	0, *U	0,
	LMK0098				89 34,0					*T	,67*T	1,2

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: PANOLA					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
MCIVOR FLD CNTL RES	MS00190 LMK0099	MCIVOR CR	C	DAENLMK	34 21,0 90 2,0	69,0	98,*	25,*	34,*	42,*U *T	0,*U ,67*T	0, 1,2
INDIAN FLD CNTL RES	MS00191 LMK0100	INDIAN CR	C	DAENLMK	34 28,0 90 8,0	13,0	19,*	27,*	37,*	78,*U *T	0,*U ,11*T	0, ,3
SARDIS DAM	MS01493 LMK0101	LITTLE TALLAHATC RIE RIVER	CR	DAEN LMK	34 24,0 89 47,5	1545,0	2207,*	53,*	107,*	3017,*E *N	0,*E 33,91*N	0, 80,3
INDIAN CR WATERS MED Y-9A-14	MS01676 LMK0102	INDIAN CREEK	C	DR SNYDER	34 27,1 90 8,7	12,0	16,*	35,*	47,*	4,*E *N	0,*E ,15*N	0, ,3
COUNTY NAME: PIKE					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
PERCY QUINN LAKE	MS00579 LMN0029	TR-TANGIPAHOA RI VER	R	PERCY QUINN STATE PARK	31 10,5 90 31,4	56,6	96,*	21,*	28,*	12,*E *N	0,*E ,50*N	0, 1,1
COUNTY NAME: PONTOTOC					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE				
COX DAM	MS00608 SAM0155	CHIWAPA CREEK	C	J T COX	34 11,2 88 59,1	8,0	15,*	20,*	27,*	2,*E *N	0,*E ,05*N	0, ,1
JACKSON DAM	MS00610 SAM0156	CHIWAPA CREEK	C	W H JACKSON	34 10,2 88 58,6	11,0	20,*	19,*	26,*	4,*E *N	0,*E ,07*N	0, ,2
COUNTY NAME: PRENTISS					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
LOCK E LAKE	MS00007 SAM0166	TOMBIGBEE RIVER			35 0, 88 0,	60,0	97,*	30,*	30,*	0,*U *T	0,*U ,73*T	0, 1,8

LEGEND

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: RANKIN						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE				
PRVW DAM	MS02716	PEARL RIVER	RS	PEARL RIVER	32 24,0	2970.0	3817.	44.	52.	400. E	0. E	0.
	SAM0157			VALLEY WATER	90 3,8					N	62.90 N	112.1
COUNTY NAME: SIMPSON						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE AT				
D-LO	MSU0001	STRONG RIVER			32 0,	360.0	472.	67.	90.	313. U	0. U	0.
	SAM0158				89 0,					T	3.58 T	12.2
LOWER STRONG	MSU0005	STRONG RIVER			32 0,	630.0	846.	50.	68.	220. U	0. U	0.
	SAM0159				89 0,					T	4.37 T	16.9
COUNTY NAME: STONE						FERC POWER SUPPLY AREA 22		FERC REGIONAL OFFICE CODE AT				
BENNDALE	MSU0014	BLACK CREEK			31 0,	530.0	810.	46.	62.	153. U	0. U	0.
	SAM0160				89 0,					T	6.49 T	19.5
NONAME DAM	MS02048	FLINT CREEK	R		30 52,4	2.0	22.	17.	22.	7. E	0. E	0.
	SAM0161				89 7,4					N	.08 N	.3
ROGERS DAM	MS02073	CYPRESS CREEK OF	R	ROGERS	30 45,5	63.0	129.	8.	10.	0. E	0. E	0.
	SAM0162	FSTREAM			89 19,6					N	.20 N	.5
COUNTY NAME: TALLAHATCHIE						FERC POWER SUPPLY AREA 25		FERC REGIONAL OFFICE CODE FW				
PAYNES FLD CNTL RES	MSU0187	ASCALMORE CR	C	DAENLMK	33 50,0	26.0	42.	34.	46.	166. U	0. U	0.
	LMK0103				90 3,0					T	.28 T	.7
CHARLESTON NO 2	MSU0188	SOUTH TILLATOBA	C	DAENLMK	34 0,	56.0	80.	26.	35.	37. U	0. U	0.
	LMK0104	CR			90 3,0					T	.64 T	.9
CHARLESTON NO 1	MSU0189	NORTH TILLATOBA	C	DAENLMK	34 3,0	49.0	89.	30.	41.	29. U	0. U	0.
	LMK0105	CR			90 1,0					T	.75 T	1.3

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DD.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: TALLAHATCHIE					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
ASCALMORE CR STR	MS01683	ASCALMORE CREEK	C	H R WRITTEN	33 55.0	11.0	16.	27.	36.	3.	E 0.	E 0.
UCTURE Y-17A-1	LMK0106				89 59.9						N .09	N .2
ASCALMORE CR STR	MS01684	YOUNG CREEK	C	ANN NEWTON E	33 54.1	6.0	9.	29.	39.	2.	E 0.	E 0.
UCTURE Y-17A-2	LMK0107			STATE	90 2.8						N .05	N .1
COUNTY NAME: TATE					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
ARKABUTLA>STRAYH	MSU0192	ARKABUTLA>STRAYH	C	DAENLMK	34 37.0	158.0	252.	26.	38.	160.	U 0.	U 0.
ORN RES.	LMK0108	ORN CR.			90 12.0						T 1.84	T 4.6
COUNTY NAME: TIPPAH					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
WEST HATCHIE #AT	MS01869	LITTLE HATCHIE R	C	OVERT DUNCAN	34 42.3	9.4	17.	24.	32.	2.	E 0.	E 0.
ERSHED 36	LMM0010	IVER			88 52.5						N .07	N .2
COUNTY NAME: TISHOMINGO					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
BAY SPRINGS LAKE	MSU0006	TOMBIGBEE RIVER			35 0.	66.0	107.	76.	76.	0.	U 0.	U 0.
	ORN0048				88 0.						T 2.05	T 5.0
COUNTY NAME: UNION					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE				
SPECK DAM	MS01897	SAWMILL CREEK	CR	JESSIE D SPE	34 27.3	6.0	15.	27.	36.	7.	E 0.	E 0.
	SAM0153			CK JR	88 50.2						N .08	N .2
COUNTY NAME: WARREN					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW				
BEAR CR RES	MSU0202	BEAR CR	C	DAENLMK	32 26.0	14.0	21.	26.	38.	9.	U 0.	U 0.
	LMK0109				90 38.0						T .14	T .3

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF MISSISSIPPI

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

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STATE OF NORTH CAROLINA

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

HEAD INCREMENT (FEET)	CUMULATIVE HEAD (FEET)		POTENTIAL INCREMENTAL CAPACITY RANGES															
			.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
			EXIST INST CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP
0-19		NUMBER	21	37	2	39	0	1	0	1	0	1	0	1	21	39	2	41
		CAPCTY	11.0	49.9	6.7	56.7	0.0	17.7	0.0	17.7	0.0	26.4	0.0	26.4	11.0	94.1	6.7	101
		ENERGY	28.6	138	15.6	154	0.0	31.2	0.0	31.2	0.0	57.3	0.0	57.3	28.6	227	15.6	243
20-49		NUMBER	23	60	1	61	1	0	0	0	0	3	4	7	24	63	5	68
		CAPCTY	20.6	68.0	2.1	70.1	10.0	0.0	0.0	0.0	0.0	106	166	273	30.6	174	168	343
		ENERGY	77.1	202	5.2	208	10.3	0.0	0.0	0.0	0.0	216	359	575	87.4	418	364	782
50-99		NUMBER	5	16	15	31	2	2	6	8	9	4	5	9	16	22	26	48
		CAPCTY	16.3	24.3	71.7	96.0	43.5	36.1	131	167	506	169	275	444	648	229	477	707
		ENERGY	61.5	77.9	229	307	217	111	309	419	1465	358	712	1070	1762	547	1249	1796
>100		NUMBER	4	4	10	14	2	2	6	8	9	1	13	14	15	7	29	36
		CAPCTY	23.9	19.3	76.9	96.3	41.5	32.2	128	160	1174	103	693	796	1239	154	900	1055
		ENERGY	80.9	10.3	296	306	168	102	436	538	4475	129	2316	2445	4724	242	3048	3290
TOTAL		NUMBER	53	117	28	145	5	5	12	17	18	9	22	31	76	131	62	193
		CAPCTY	72.0	162	160	321	103	86.0	259	345	1762	405	1134	1539	1937	652	1553	2205
		ENERGY	248	429	546	975	396	244	744	989	5956	760	3387	4147	6602	1433	4677	6111

LEGEND

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

PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ALAMANCE					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
CAROLINA COTTON MILL	NCU0017 SAW0001	HAW RIVER	D	CAROLINA COT TON MILL	36 7,0 79 24,9	500,0	500,	12,	12,	0,	,08 E ,99 N	,2 2,9
HOPEDALE MILL	NCU0018 SAW0002	HAW RIVER	D		36 7,0 79 23,0	600,0	600,	12,	12,	0,	,15 E 1,83 N	,3 3,9
HOLT GRANITE MFG CO	NCU0019 SAW0003	HAW RIVER	D		36 6,0 79 22,0	610,0	610,	14,	14,	0,	,37 E 1,97 N	,8 4,2
VIRGINIA COTTON MILL	NCU0020 SAW0004	HAW RIVER	D		36 1,4 79 22,0	700,0	700,	15,	15,	0,	,49 E 2,40 N	1,1 5,1
ALTAMAHAW COTTON MILL	NCU0023 SAW0005	HAW RIVER	D		36 10,5 79 30,7	226,0	226,	19,	19,	0,	,15 E ,70 N	,3 2,1
LATONIA POWER PL ANT	NCU0024 SAW0006	HAW RIVER	D		36 8,0 79 26,8	475,0	475,	4,	4,	0,	,20 E ,14 N	,4 ,3
GLENCO MILL	NCU0025 SAW0007	HAW RIVER	D		36 8,4 79 25,9	495,0	495,	12,	12,	0,	,15 E ,89 N	,3 2,7
SHEPSONVILLE 5/	NCU0043 SAW0008	HAW RIVER	M		36 ,5 79 21,8	960,0	960,	12,	12,	0,	0, E 3,16 N	0, 6,7
NCNONAME579	NC00737 SAW0009	QUAKER CREEK	SR	CITY OF GRAH AM	36 6,5 79 19,6	14,0	14,	17,	21,	1,	0, E ,06 N	0, ,1
BURLINGTON LAKE DAM	NC00739 SAW0010	STONY CREEK	S	CITY OF BURL INGTON	36 10,6 79 24,7	44,0	44,	21,	26,	11,	0, E ,26 N	0, ,5
NC NONAME 588	NC00747 SAW0011	HAW RIVER	R	SELLARS MFG CO	35 56,9 79 19,6	1033,0	1033,	20,	25,	0,	0, E 3,81 N	0, 10,3

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ALLEGHANY					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE NY				
UDP	NCU0149	NEW RIVER	CH		36 30,0	630,0	1054,	205,	220,	0, U	0, U	0,
	ORH0011				81 21,0					T	42,77 T	148,6
UDP	NCU0150	NORTH FORK NEW R	CH		36 29,0	216,0	354,	225,	250,	0, U	0, U	0,
	ORH0012	IVER			81 26,0					T	18,55 T	69,3
UDP	NCU0151	SOUTH FORK NEW R	CH		36 18,0	200,0	405,	157,	170,	0, U	0, U	0,
	ORH0013	IVER			81 24,0					T	11,99 T	44,8
UDP	NCU0152	SOUTH FORK NEW R	CH		36 18,0	148,0	300,	155,	170,	0, U	0, U	0,
	ORH0014	IVER			81 28,0					T	7,23 T	31,7
UDP	NCU0153	SOUTH FORK NEW R	CH		36 18,0	175,0	354,	310,	320,	0, U	0, U	0,
	ORH0015	IVER			81 24,0					T	20,71 T	77,4
UDP	NCU0154	SOUTH FORK NEW R	CH		36 24,0	285,0	577,	235,	250,	0, U	0, U	0,
	ORH0016	IVER			81 20,0					T	25,37 T	95,5
COUNTY NAME: ANSON					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
CRUMPS FORD	NCU0013	ROCKY RIVER	MC	DAEN SAC	35 10,4	1375,0	1318,	96,	135,	0, U	0, U	0,
	SAC0001				80 8,9					T	48,17 T	73,5
BLEWETT FALLS	NC00494	PEE DEE RIVER	HR	CAROLINA POW	34 59,3	6847,0	7940,	50,	51,	100, E	24,60 E	134,0
	SAC0002			ER AND LIGHT	79 52,8					N	67,62 N	128,2
MILLERSVILLE	NC03212	LOWER LITTLE RIV	H	RHODES WHITN	35 51,0	79,0	120,	35,	35,	0, E	,32 E	,2
	SAC0003	ER		ER MILLS	81 10,9					N	,59 N	2,6
COUNTY NAME: BLADEN					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
LOCK AND DAM NO 1	NCU0182	CAPE FEAR RIVER	N	DAEN SAW	34 24,3	5220,0	5362,	16,	21,	20, E	0, E	0,
	SAW0013				78 17,6					N	26,45 N	57,3

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **BLADEN**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
LOCK AND DAM NO 2	NC00205	CAPE FEAR RIVER	N	DAEN SAW	34 37.6	4980.0	5115.	29.	39.	15.	E 0.	E 0.
	SAW0014				78 34.6						N 46.87	N 101.6
WILLIAM O HUSKE LOCK AND DAM	NC00206	CAPE FEAR RIVER	N	DAEN SAW	34 50.1	4810.0	4941.	21.	28.	13.	E 0.	E 0.
	SAW0015				78 49.3						N 32.50	N 70.4
COUNTY NAME: **BRUNSWICK**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
SANFORD DAM	NC01110	ALLEN CREEK	R	BOILING SPRI NG LAKE	34 2.8	10.0	10.	20.	25.	4.	E 0.	E 0.
	SAW0016				78 2.2						N .11	N .2
COUNTY NAME: **BUNCOMBE**					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
NEWFOUND CREEK	NCU0078	FRENCH BROAD RIV			35 39.7	1054.0	1980.	157.	167.	0.	U 0.	U 0.
	ORN0049	ER			82 37.4						T 76.69	T 293.9
BEE TREE RESERVOIR	NCU0101	BEE TREE CK.	S	CITY OF ASHE VILLE	35 38.5	8.0	16.	37.	50.	1.	E 0.	E 0.
	ORN0050				82 24.1						N .14	N .4
NORTH FORK RESERVOIR	NCU0102	NORTH FORK SWANN ANDA R.	S	CITY OF ASHE VILLE	35 39.7	22.0	44.	92.	125.	16.	E 0.	E 0.
	ORN0051				82 20.7						N 1.02	N 2.6
LAKE JULIAN	NCU0103	TR-FRENCH BROAD R.	S	CAROLINA POW ER LIGHT	35 28.6	5.0	10.	67.	90.	1.	E 0.	E 0.
	ORN0052				82 32.9						N .15	N .4
BEAVER LAKE	NCU0117	BEAVER DAM CK.	R	LAKEVIEW PAR K COMMISSION	35 38.2	9.0	18.	52.	70.	2.	E 0.	E 0.
	ORN0053				82 34.2						N .22	N .6
ENKA LAKE	NCU0128	BILL MOORE CK	S	AKZONA INC	35 32.4	6.0	12.	22.	30.	0.	E 0.	E 0.
	ORN0054				82 39.5						N .06	N .2
KENILWORTH LAKE	NCU0130	ROSS CK	R	KENILWORK FO R LAKE COMM	35 35.0	3.0	6.	59.	80.	1.	E 0.	E 0.
	ORN0055				82 31.9						N .08	N .2

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: BUNCOMBE					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
LAKE ASHNOCA	NCU0131	RAGSDALE CK	R	ASHEVILLE SC	35 33,4	4.0	8.	41.	55.	0.*E	0. *E	0.
	ORN0056			HOOL INC	82 37,1					*N	.08*N	.2
COUNTY NAME: BURKE					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
MORGANTON	NCU0003	CATAWBA RIVER	H	DAEN SAC	35 47,2	920.0	1380.	70.	70.	0.*U	0. *U	0.
	SAC0004				81 37,9					*T	21.48*T	76.2
BROUGHTON HOSPIT	NC00092	CLEAR CREEK	S	BROUGHTON HO	35 38,7	2.0	3.	61.	70.	1.*E	0. *E	0.
AL DAM	SAC0005			SPITAL	81 45,4					*N	.06*N	.2
RHODHISS	NC00104	CATAWBA RIVER	H	DUKE POWER C	35 46,5	1088.0	1700.	59.	72.	114.*E	25.50*E	56.7
	SAC0006			OMPANY	81 26,1					*N	0. *N	0.
BRIDGEWATER-LAKE	NC00141	CATAWBA RIVER	H	DUKE POWER C	35 45,0	380.0	650.	135.	141.	289.*E	20.00*E	48.9
JAMES	SAC0007			OMPANY	81 50,0					*N	0. *N	0.
HENRY RIVER	NC00373	HENRY FORK	HS	HENRY RIVER	35 42,0	80.0	127.	35.	35.	0.*E	.13*E	.5
	SAC0008			MILLS CO.	81 25,5					*N	.80*N	2.4
CATAWBA DAM ?LAK	NC00374	CATAWBA RIVER	C	DUKE POWER C	35 43,8	380.0	650.	141.	141.	289.*E	0. *E	0.
E JAMES&	SAC0009			OMPANY	81 53,7					*N	16.12*N	51.2
PADDYS CREEK DAM	NC00375	CATAWBA RIVER	C	DUKE POWER C	35 44,4	380.0	650.	141.	141.	289.*E	0. *E	0.
?LAKE JAMES&	SAC0010			OMPANY	81 51,0					*N	16.12*N	51.2
COUNTY NAME: CABARRUS					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
LAKE FISHER DAM	NC00520	COLD WATER CREEK	S	CITY OF CONC	35 29,2	19.0	19.	31.	36.	5.*E	0. *E	0.
	SAC0011			ORD	80 34,7					*N	.21*N	.8

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CALDWELL					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
LITTLE RIVER DAM (SHUFORD POND)	NC01219 SAC0012	UPPER LITTLE RIV ER	H	DUKE POWER COMPANY	35 48.8 81 20.4	37.0	45.	31.	31.	3. E 0. N	.50 E 0. N	.5 0.
GUNPOWDER NO1 (OLD MILLPOND)	NC03273 SAC0013	GUNPOWDER CREEK S	S	SHUFORD MILL S	35 48.0 81 24.7	35.0	45.	72.	75.	0. E .47 N	.40 E .47 N	1.0 1.9
GUNPOWDER NO2 (LITTLE DAM)	NC03274 SAC0014	GUNPOWDER CREEK		DUKE POWER COMPANY	35 47.6 81 24.4	36.0	46.	25.	27.	0. E .19 N	.13 E .19 N	.2 .9
COUNTY NAME: CATAWBA					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
OXFORD-LAKE HICKORY	NC00329 SAC0015	CATAWBA RIVER	H	DUKE POWER CO.	35 43.9 81 11.3	1310.0	2025.	90.	97.	367. E 0. N	36.00 E 0. N	93.9 0.
COUNTY NAME: CHATHAM					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
PACES MILL	NCU0021 SAH0017	HAW RIVER	O		35 46.0 79 10.0	1270.0	1270.	12.	12.	0. U T	0. U 3.39 T	0. 8.1
CHATHAM ROLLER MILL	NCU0022 SAH0018	HAW RIVER	O		35 45.5 79 8.8	1290.0	1290.	15.	15.	0. E 3.67 N	.03 E 3.67 N	.1 9.7
LOCKVILLE	NCU0030 SAH0019	DEEP RIVER	H	CAROLINA POW ER AND LIGHT	35 37.4 79 5.9	1410.0	1410.	49.	49.	0. E N	0. E 26.94 N	0. 43.7
MOORES MILL	NCU0038 SAH0020	HAW	H	DAEN SAW	35 44.2 79 6.6	1350.0	1350.	52.	70.	9. U T	0. U 27.23 T	0. 44.2
MANDALE	NCU0039 SAH0021	HAW	H	DAEN SAW	35 51.5 79 15.0	1170.0	1170.	59.	80.	237. U T	0. U 19.97 T	0. 39.5
BYNUM 5/	NCU0040 SAH0022	HAW RIVER	O	ODELL J H MFG CO	35 46.5 79 8.9	1290.0	1290.	18.	18.	0. E 4.14 N	0. E 4.14 N	0. 11.5

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

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

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

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

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: DAVIDSON					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
TOM-A-LEX DAM	NC00178	HRUSHY FORK AND	S	THOMASVILLE	35 52,5	138,0	126,	25,	32,	12,	E 0,	E 0,
	SAC0020	ABBOTTS CREEK		+ LEXINGTON	80 11,6						N ,85	N 1,8
HIGH ROCK	NC00388	YADKIN RIVER	H	YADKIN INC	35 36,0	3930,0	4626,	59,	65,	386,	E 33,00	E 115,0
	SAC0021				80 14,1						N 28,79	N 89,1
COUNTY NAME: DAVIE					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
STYERS	NCU0008	YADKIN RIVER	HC	DAEN SAC	36 2,9	1870,0	2654,	54,	65,	0,	U 0,	U 0,
	SAC0022				80 27,5						T 26,91	T 88,9
JUNCTION	NCU0009	YADKIN RIVER	HC	DAEN SAC	35 45,5	2430,0	2887,	52,	61,	0,	U 0,	U 0,
	SAC0023				80 27,2						T 33,67	T 111,2
COOLEEMEE	NCU0012	SOUTH YADKIN RIV	HC	DAEN SAC	35 49,3	534,0	596,	71,	86,	0,	U 0,	U 0,
	SAC0024	ER			80 35,6						T 4,17	T 22,9
DUTCHMANS CREEK WATERSHED DAM	NC00370	ELLSWORTH CREEK	C	T HOLT HAYWO	35 53,4	6,0	8,	65,	85,	1,	E 0,	E 0,
	SAC0025			OD	80 29,5						N ,11	N ,2
COUNTY NAME: DURHAM					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
LAKE MICHIE DAM	NC01027	FLAT RIVER-NEUSE	SR	CITY OF DURH	36 9,0	170,0	162,	65,	81,	2,	E 0,	E 0,
	SAW0030			AM	78 49,6						N 2,23	N 4,9
COUNTY NAME: FORSYTH					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
SALEM LAKE DAM	NC00327	SALEM CREEK	S	CITY OF WINS	36 5,7	26,0	30,	30,	36,	7,	E 0,	E 0,
	SAC0026			TON-SALEM	80 11,5						N ,22	N ,4
IDOLS	NC00791	YADKIN RIVER	H	DUKE POWER C	35 58,5	1876,0	2383,	10,	15,	0,	E 1,41	E 6,1
	SAC0027			OMPANY	80 23,9						N 3,59	N 10,4

LEGEND

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(2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **FRANKLIN**				FERC POWER SUPPLY AREA 21				FERC REGIONAL OFFICE CODE				
NC NONAME 759	NC00821	CYPRESS CREEK-TA	R	AMERICAN REA	35 56,9	27.0	31.	26.	33.	5.	E 0.	E 0.
	SAW0031	R		LTY SVC CORP	78 11,4						N .23	N .5
COUNTY NAME: **GASTON**				FERC POWER SUPPLY AREA 21				FERC REGIONAL OFFICE CODE AT				
MOUNTAIN ISLAND	NC00787	CATAWBA RIVER	H	DUKE POWER C	35 20,1	1860.0	2700.	76.	90.	140.	E 60.00	E 104.1
	SAC0028			O	80 59,1						N 0.	N 0.
MCADENVILLE DAM	NC01076	SOUTH FORK CATAW	S	PHARR YARNS	35 15,7	633.0	796.	18.	20.	0.	E .40	E 3.2
	SAC0029	BA RIVER		INC	81 4,6						N 3.40	N 10.3
DALLAS	NC01209	SOUTH FORK CATAW	S	HARDING MANU	35 22,8	513.0	675.	20.	20.	0.	E .20	E .7
	SAC0030	BA RIVER		FACTURING CO	81 11,5						N 3.22	N 11.4
CAROLINIAN HIGHS	NC01210	SOUTH FORK CATAW	H	MCNEIL INDUS	35 23,8	509.0	670.	30.	30.	0.	E 1.70	E 5.4
COALS DAM	SAC0031	BA RIVER		TRIES	81 12,4						N 3.39	N 12.7
SPENCER MOUNTAIN	NC04000	SOUTH FORK CATAW	HS	DUKE POWER C	35 18,6	550.0	707.	23.	12.	3.	E .64	E 4.1
	SAC0032	BA RIVER		OMPANY	81 6,7						N 3.58	N 10.9
COUNTY NAME: **GRAHAM**				FERC POWER SUPPLY AREA 20				FERC REGIONAL OFFICE CODE AT				
CHEOAH LAKE	NCU0094	LITTLE TENNESSEE	H	TAPOCO INC.	35 26,9	1608.0	3743.	164.	222.	42.	E 110.00	E 678.9
	ORN0065	R.			83 56,2						N 0.	N 0.
SANTEETLAH LAKE	NCU0107	CHEOAH R	H	TAPOCO	35 22,6	176.0	437.	146.	197.	271.	E 45.00	E 219.8
	ORN0066				83 52,6						N 0.	N 0.
FONTANA LAKE	NCU0108	LITTLE TENNESSEE	H	TVA	35 27,1	1571.0	3695.	340.	460.	59.	E 225.00	E 1229.3
	ORN0067	R.			83 48,3						N 0.	N 0.

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: GRANVILLE					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
GREY ROCK LAKE	NCU0062	TAR RIVER	CSRO	DAEN SAW	36 11.4	172.0	158.	63.	85.	260.	U 0.	U 0.
	SAW0032				78 35.0						T 2.27	T 4.5
BUTNER WATER SUPPLY DAM	NC01008	KNAP OF REEDS CR-EEKS-NEUSE	SR	STATE OF N.C.	36 9.8 78 46.4	29.0	29.	64.	80.	13.	E 0. N .45	E 0. N .8
COUNTY NAME: GUILFORD					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
RICHLAND LAKE	NC00679	RICHLAND CREEK	S	CONE MILLS	36 9.5	8.0	8.	36.	45.	6.	E 0.	E 0.
	SAW0034				79 47.9						N .07	N .2
LAKE HIGGINS	NC00698	BRUSH CREEK	S	CITY OF GREE	36 10.1	12.0	12.	40.	50.	7.	E 0.	E 0.
	SAW0037			NSBORO	79 52.8						N .12	N .3
OAK HOLLOW LAKE	NC00704	DEEP RIVER	S	CITY OF HIGH	36 .7	22.0	22.	29.	37.	14.	E 0.	E 0.
	SAW0039			PUINT	79 59.2						N .18	N .3
COUNTY NAME: HALIFAX					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
WHITE OAK LAKE	NCU0059	FISHING CREEK-TA	CSRO	DAEN SAW	36 8.8	442.0	430.	58.	79.	300.	U 0.	U 0.
	SAW0040	R			77 50.4						T 4.45	T 13.8
COUNTY NAME: HARNETT					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
BUCKHORN FALLS	NCU0035	CAPE FEAR RIVER	HO	CAROLINA POW	35 32.0	3196.0	3196.	19.	19.	0.	E 2.90	E 6.4
	SAW0043			ER AND LIGHT	78 59.0						N 17.70	N 31.3
LILLINGTON	NCU0036	CAPE FEAR	H	FERC	35 26.0	3410.0	3410.	33.	45.	13.	U 0.	U 0.
	SAW0044				78 52.0						T 38.48	T 70.2
SMILEY FALLS	NCU0037	CAPE FEAR	H	DAEN SAW	35 17.0	3700.0	3700.	30.	40.	8.	U 0.	U 0.
	SAW0045				78 41.0						T 37.11	T 67.8

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: HARNETT					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
SMILEY FLS REREG	NCU0041	CAPE FEAR RIVER			35 20.0	3800.0	3800.	28.	28.	0. U	0. U	0.
	SAN0046				78 42.0					T	36.10 T	65.9
COUNTY NAME: HAYWOOD					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
JONATHANS CREEK	NCU0082	PIGEON RIVER			35 37.5	282.0	580.	165.	185.	134. U	0. U	0.
	ORN0068				82 59.8					T	19.26 T	61.7
LAKE JUNALUSK	NCU0098	RICHLAND CK.	R	LAKE JUNALUS	35 31.6	64.0	127.	21.	29.	4. E	0. E	0.
	ORN0069			KA ASSEMBLY	82 57.8					N	.56 N	1.9
LAKE LOGAN	NCU0100	WEST FORK OF PIG	S	CHAMPION PAP	35 25.3	33.0	107.	37.	50.	2. E	0. E	0.
	ORN0070	EON CK.		ER	82 55.5					N	.78 N	2.7
WATERVILLE LAKE	NCU0120	PIGEON RIVER	H	CAROLINA LIG	35 41.7	455.0	890.	132.	178.	30. E	108.00 E	467.0
	ORN0071			HT + POWER	83 3.0					N	0. N	0.
COUNTY NAME: HENDERSON					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
SALUDA	NCU0001	GREEN RIVER	HR	DAEN SAC	35 17.0	78.0	170.	689.	210.	17. U	0. U	0.
	SAC0033				82 21.3					T	26.49 T	94.4
OSCEOLA LAKE	NCU0138	SHEPARD CK	R	BILL HARPER	35 17.9	4.0	8.	48.	65.	1. E	0. E	0.
	ORN0072				82 28.4					N	.09 N	.3
TUXEDO DAM (LAKE SUMMIT)	NC00311	GREEN RIVER	HR	DUKE POWER C	35 14.0	42.0	90.	286.	297.	10. E	5.00 E	21.3
	SAC0034			OMPANY	82 23.9					N	0. N	0.
COUNTY NAME: HYDE					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LAKE CEDAR CLIFF	NCU0095	TUCKASEGEE R.	H	NANTAHALA PO	35 15.2	80.0	208.	120.	163.	7. E	6.38 E	20.8
	ORN0073			ER + LIGHT	83 6.0					N	0. N	0.

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **HYDE**				FERC POWER SUPPLY AREA 20				FERC REGIONAL OFFICE CODE AT				
THORPE LAKE	NCU0109	WEST FORK TUCKAS	H	NANTAHALA PO	35 11.8	37.0	120.	103.	140.	71.	E 21.60	E 119.0
	DRN0075	EGEE R.		WER + LIGHT	83 9.2						N 0.	N 0.
TUCKASEGEE LAKE	NCU0121	WEST FORK TUCKAS	H	NANTAHALA PO	35 14.4	55.0	143.	45.	61.	0.	E 3.00	E 10.6
	DRN0076	EGEE R		WER + LIGHT	83 7.5						N 0.	N 0.
BEAR CK RESERVOI R	NCU0122	TUCKASEGEE R	H	NANTAHALA PO	35 14.5	75.0	195.	152.	205.	35.	E 9.00	E 28.8
	DRN0077			WER + LIGHT	83 4.3						N 0.	N 0.
COUNTY NAME: **IREDELL**				FERC POWER SUPPLY AREA 21				FERC REGIONAL OFFICE CODE				
THIRD CREEK WATE RSHED DAM 37	NC00144	THIRD CREEK	C	T S STEWART	35 47.6	25.0	26.	27.	36.	3.	E 0.	E 0.
	SAC0035				80 57.4						N .23	N .8
NCNONAME273	NC00383	TR ROCKY CREEK	R	THOMAS A ALL	35 54.8	8.0	9.	37.	47.	1.	E 0.	E 0.
	SAC0036			ISON	80 49.6						N .08	N .2
LOOKOUT SHOALS	NC00394	CATAWBA	H	DUKE POWER C	35 45.1	1449.0	2300.	77.	100.	37.	E 18.72	E 83.4
	SAC0037			O.	81 5.1						N 11.95	N 32.5
COUNTY NAME: **JACKSON**				FERC POWER SUPPLY AREA 21				FERC REGIONAL OFFICE CODE AT				
UPPER WHITEWATER	NCU0066	WHITEWATER RIVER	HR		35 2.2	13.0	60.	780.	195.	8.	U 0.	U 0.
	SAS0088				83 1.2						T 6.51	T 22.4
COUNTY NAME: **LEE**				FERC POWER SUPPLY AREA 21				FERC REGIONAL OFFICE CODE				
CAROLINA POWER & LIGHT CO	NCU0031	DEEP RIVER	H		35 31.2	970.0	970.	12.	12.	0.	E 1.00	E 2.2
	SAW0050				79 20.9						N 2.26	N 4.4
LAKE TRACE	NC00017	LITTLE RIVER	R	CAROLINA TRA	35 25.0	51.0	51.	25.	30.	4.	E 0.	E 0.
	SAW0051			CE CORP	79 5.6						N .42	N .9

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: LINCOLN					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
LINCOLNTON	NCU0002	SOUTH FORK CATAW	HC	DAEN SAC	35 28.7	300.0	390.	75.	80.	311.	U 0.	U 0.
	SAC0038	BA RIVER			81 16.9						T 3.18	T 18.3
COWANS FORD-LAKE NORMAN	NC00132	CATAWBA RIVER	HR	DUKE POWER C	35 26.0	1790.0	2600.	110.	113.	1094.	E 350.00	E 140.0
	SAC0039			O	80 57.5						N 0.	N 0.
LONG SHOALS	NC00372	SOUTH FORK CATAW	H	CONSOLIDATED	35 24.8	472.0	621.	16.	19.	1.	E .38	E .5
	SAC0040	BA RIVER		KNIT MILLS	81 14.4						N 2.14	N 8.4
COUNTY NAME: MACON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
NESSER	NCU0074	NANTAHALA RIVER			35 16.5	133.0	460.	280.	0.	0.	U 0.	U 0.
	ORN0078				83 40.8						T 21.77	T 61.6
NANTAHALA RESERV OIR	NCU0110	NANTAHALA RIVER	H	NANTAHALA PO WER + LIGHT	35 11.9	91.0	226.	177.	240.	139.	E 43.20	E 298.0
	ORN0079				83 39.3						N 0.	N 0.
QUEENS CK. LAKE	NCU0113	QUEENS CK.	H	NANTAHALA PO WER + LIGHT	35 16.5	4.0	13.	50.	67.	1.	E 1.44	E 4.9
	ORN0080				83 39.4						N 0.	N 0.
FRANKLIN RESERVO IR	NCU0115	LITTLE TN RIVER	H	NANTAHALA PO WER + LIGHT	35 13.2	310.0	716.	26.	35.	2.	E 1.04	E 7.6
	ORN0081				83 22.3						N 2.34	N 5.4
COUNTY NAME: MADISON					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
PINE CREEK	NCU0077	FRENCH BROAD RIV			35 47.7	1391.0	2570.	198.	0.	0.	U 0.	U 0.
	ORN0082	ER			82 43.9						T 127.65	T 422.6
BRUSH CREEK	NCU0086	FRENCH BROAD RIV			35 50.7	1405.0	2400.	150.	0.	0.	U 0.	U 0.
	ORN0083	ER			82 45.5						T 97.68	T 323.4
MARSHALL RESERVO IR	NCU0116	FRENCH BROAD R.	H	CAROLINA POW ER + LIGHT	35 47.6	1343.0	3001.	29.	39.	0.	E 3.00	E 20.0
	ORN0084				82 42.6						N 14.94	N 39.4

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: MCDOWELL						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
LAKE TAHOMA	NC00316	BUCK CREEK	HR	DUKE POWER C	35 43.4	23.0	44.	61.	63.	0. *E	.24 *E	1.0
	SAC0041			OMPANY	82 4.7					*N	.46 *N	.8
COUNTY NAME: MITCHELL						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
POPLAR	NCU0076	NOLICHUCKY RIVER			36 4.8	619.0	1080.	270.	60.	0. *U	0. *U	0.
	ORN0085				82 21.5					*T	62.18 *T	193.0
COUNTY NAME: MONTGOMERY						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
EURY DAM	NC00480	LITTLE RIVER	R	MONTGOMERY C	35 15.2	243.0	254.	45.	45.	1. *E	.60 *E	.8
	SAC0042			O HUNT CLUB	79 54.6					*N	1.67 *N	4.7
COUNTY NAME: MOORE						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
HIGH FALLS MFG C O	NCU0034	DEEP RIVER	O		35 28.2	746.0	748.	18.	18.	0. *E	.19 *E	.4
	SAW0052				79 31.5					*N	2.85 *N	6.5
HOWARDS MILL LAK E	NCU0046	DEEP RIVER	C&RO	DAEN SAW	35 29.1	639.0	620.	82.	111.	341. *U	0. *U	0.
	SAW0053				79 34.9					*T	9.95 *T	25.7
NCNONAME51	NC00002	CRANE CREEK	R	LAKE SURF IN	35 13.3	95.0	95.	12.	16.	10. *E	0. *E	0.
	SAW0054			C	79 11.4					*N	.32 *N	1.2
NCNONAME77	NC00073	LITTLE RIVER	R	WHISPERING P	35 15.8	64.0	64.	19.	25.	3. *E	0. *E	0.
	SAW0055			INES INC	79 21.7					*N	.37 *N	.7
THAGARDS LAKE	NC00077	LITTLE RIVER OFF	R	WHISPERING P	35 15.2	64.0	64.	52.	65.	3. *E	0. *E	0.
	SAW0056	STREAM		INES INC	79 22.1					*N	.99 *N	2.8

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PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **NASH**					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
SALEM LAKE	NCU00600	SWIFT CREEK-TAR	CSRD	DAEN SAW	36 2,6	170,0	142,	45,	61,	110,	0, U	0,
	SAW0057				77 55,3						2,10 T	5,2
SPRING HOPE	NCU00610	TAR RIVER	CSRD	DAEN SAW	35 54,7	668,0	700,	55,	75,	290,	0, U	0,
	SAW005d				78 8,3						6,59 T	20,9
TAR RIVER DAM	NC00913	TAR RIVER	SR	CITY OF ROCK	35 52,8	777,0	777,	28,	33,	13,	0, E	0,
	SAW0059			Y MOUNT	77 53,4						4,29 N	12,6
COUNTY NAME: **ORANGE**					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
UNIVERSITY DAM	NC00782	MORGAN CREEK	S	UNIV OF N,C,	35 53,8	29,0	29,	37,	46,	5,	0, E	0,
	SAW0060				79 5,5						,30 N	,5
COUNTY NAME: **PERSON**					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
SITE =F=	NCU00890	S HYCO CR	S	CITY OF ROXB	36 21,0	23,0	23,	41,	55,	0,	0, E	0,
	SAW0061			ORO	79 8,0						,28 N	,5
LAKE HYCO DAM	NC00656	HYCO RIVER	HSR	CAROLINA POW	36 30,5	190,0	190,	46,	60,	77,	0, E	0,
	SAW0062			ER AND LIGHT	79 2,5						1,87 N	4,1
COUNTY NAME: **POLK**					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
TURNER SHOALS DA M (LAKE ADGER)	NC00208	GREEN RIVER	HR	DUKE POWER C OMPANY	35 20,1	126,0	280,	83,	89,	12,	5,50 E	14,6
	SAC0043				82 11,2						0, N	0,
COUNTY NAME: **RANDOLPH**					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE					
RANDOLPH MILLS NO, 2	NCU00260	DEEP RIVER	O		35 44,6	278,0	278,	16,	16,	0,	,14 E	,3
	SAW0064				79 41,5						,71 N	1,9

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: RANDOLPH					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
COX POWER PLANT	NC00028	DEEP RIVER	H		35 45.0	250.0	254.	12.	12.	0.	.30E	.7
	SAW0065				79 45.0						.20N	.8
SAPONA COTTON MILLS	NC00029	DEEP RIVER	O	SOPONA COTTON MILLS	35 45.0	257.0	257.	10.	10.	0.	.14E	.3
	SAW0066				79 44.1						.30N	.9
RANDLEMAN LAKE	NC00045	DEEP RIVER	CRSO	DAEN SAW	35 50.1	169.0	167.	78.	106.	238.	0. U	0.
	SAW0067				79 48.8						2.69T	6.5
COX LAKE	NC00445	DEEP RIVER	R	JORDAN SPINNING	35 45.5	250.0	250.	16.	20.	0.	0. E	0.
	SAW0068				79 45.2						.75N	1.9
WORTHVILLE LAKE	NC00446	DEEP RIVER	R	BAXTER KELLY AND FAUST I	35 47.7	231.0	231.	13.	16.	0.	0. E	0.
	SAW0069				79 46.6						.50N	1.4
LAKE DAM NO.4 (CLYDE LUCAS LAK	NC00453	BACK CREEK	SR	CITY OF ASHEBURO	35 44.1	15.0	14.	50.	57.	7.	0. E	0.
	SAC0044				79 52.7						.21N	.4
RANDOLPH MILL NO. 1.	NC00707	DEEP RIVER	R	RANDOLPH MILL	35 44.6	278.0	278.	20.	25.	0.	0. E	0.
	SAW0070			L	79 42.2						1.24N	2.9
ENTERPRISE MFG CO	NC00709	DEEP RIVER	R	D B WALKER SHOE LO	35 38.5	391.0	391.	12.	15.	0.	0. E	0.
	SAW0071				80 11.1						.79N	2.2
COLUMBIA MFG CO (RAMSEUR LAKE)	NC00725	DEEP RIVER	R	TOM HILL	35 43.9	343.0	343.	11.	14.	0.	0. E	0.
	SAW0072				79 39.1						.61N	1.8
COUNTY NAME: RICHMOND					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
GREATER BLEWETT FALLS	NCU0010	PEE DEE RIVER	H	DAEN SAC	34 59.3	6860.0	7940.	75.	80.	0. U	0. U	0.
	SAC0045				79 52.8						138.59T	394.1
MORVEN	NCU0011	PEE DEE RIVER	H	DAEN SAC	34 49.0	7240.0	8073.	28.	34.	45. U	0. U	0.
	SAC0046				79 55.0						54.61T	155.3

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

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

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POTENTIAL HYDROPOWER SITES

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COUNTY NAME: SCOTLAND												
LAUREL HILL(RICH	NC01080	GUM SWAMP CREEK	R	MORGAN COTTO	34 49,2	55.0	80.	11.	15.	1.*E	.20*E	.0
MOND MILL POND)	SAC0053			N MILLS INC.	79 31,9					*N	0. *N	0.
COUNTY NAME: STANLY					FERC POWER SUPPLY AREA 21					FERC REGIONAL OFFICE CODE AT		
TILLERY	NC00547	PEE DEE RIVER	H	CAROLINA POW	35 12,4	4688.0	5494.	59.	73.	168.*E	84.00*E	202.0
	SAC0054			ER AND LIGHT	80 3,9					*N	0. *N	0.
YADKIN FALLS DAM	NC00548	YADKIN RIVER	H	YADKIN INC	35 23,7	4190.0	4923.	55.	74.	2.*E	29.50*E	115.0
(FALLS RESERVOI	SAC0055				80 4,5					*N	32.58*N	61.5
NARROWS DAM (BAD	NC00549	YADKIN RIVER	H	YADKIN INC	35 25,2	4180.0	4911.	177.	196.	455.*E	96.50*E	437.6
IN LAKE)	SAC0056				80 5,7					*N	102.80*N	129.1
TUCKERTOWN	NC00550	YADKIN RIVER	H	YADKIN INC	35 29,2	4080.0	4798.	55.	70.	52.*E	42.00*E	130.4
	SAC0057				80 10,7					*N	17.80*N	67.1
COUNTY NAME: STOKES					FERC POWER SUPPLY AREA 21					FERC REGIONAL OFFICE CODE		
DANBURY	NCU0093	DAN RIVER	CHRD	DAEN SAW	36 26,0	261.0	313.	169.	202.	566.*U	0. *U	0.
	SAW0079				80 14,0					*T	10.12*T	34.8
TOWN FORK CREEK	NC00349	TOWN FORK CREEK	C	R TILLY AND	36 18,7	13.0	13.	37.	46.	1.*E	0. *E	0.
	SAW0080			T SMITH	80 16,8					*N	.13*N	.3
TOWN CREEK	NC00350	HEATHENS CREEK	C	T N PULP	36 19,4	10.0	10.	40.	50.	1.*E	0. *E	0.
	SAW0081				80 15,8					*N	.11*N	.2
WALNUT COVE	NC15610	DAN RIVER	H		36 22,0	344.0	413.	22.	22.	0.*E	0. *E	0.
	SAW0082				80 8,0					*N	1.74*N	6.0

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POTENTIAL HYDROPOWER SITES

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PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: SURRY												
MT. AIRY NO.1	NCU0156	ARARAT RIVER		DUKE POWER C	36 28.0	203.0	263.	16.	18.	0.E	.16E	.6
	SAC0056			OMPANY	80 35.6					N	.62N	3.2
PILOT MOUNTAIN	NCU0159	ARARAT RIVER		DUKE POWER C	36 21.7	274.0	356.	18.	18.	0.E	.50E	1.5
	SAC0059			OMPANY	80 32.3					N	.62N	3.7
MT. AIRY NO.2	NCU0160	ARARAT RIVER		DUKE POWER C	36 26.5	208.0	269.	18.	18.	0.E	.45E	1.3
	SAC0060			OMPANY	80 35.6					N	.56N	2.6
MITCHELL RIVER R ESERVOIR	NCU0170	MITCHELL RIVER	CRSO	DAEN SAC	36 18.6	77.0	123.	131.	185.	74.U	0. U	0.
	SAC0061				80 48.6					T	2.65T	10.9
FISHER RIVER RES ERVOIR	NCU0171	FISHER RIVER	CRSO	DAEN SAC	36 19.2	135.0	202.	128.	170.	224.U	0. U	0.
	SAC0062				80 40.7					T	4.94T	17.0
COUNTY NAME: SWAIN				FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT					
NEEDMORE	NCU0079	LITTLE TENNESSEE			35 20.9	439.0	1040.	155.	187.	140.U	0. U	0.
	ORN0086	RIVER			83 30.8					T	32.83T	115.3
BRYSON	NCU0085	TUCKASEGEE RIVER			35 25.9	603.0	1600.	154.	205.	530.U	0. U	0.
	ORN0087				83 25.0					T	44.80T	157.4
OCONALUFTEE LAKE	NCU0114	OCONALUFTEE RIVE	H	NANTAHALA POW	35 26.7	188.0	434.	26.	35.	1.E	1.00E	6.6
	ORN0088	R		ER + LIGHT	83 22.5					N	1.05N	1.3
COUNTY NAME: TRANSYLVANIA				FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT					
HORSEPASTURE	NCU0067	HORSEPASTURE RIV	HR		35 5.6	25.0	93.	1780.	190.	68.U	0. U	0.
	SAS0049	ER			82 58.2					T	28.59T	98.2
CASCADE LAKE	NCU0124	LITTLE RIVER	H	CASCADE POWER	35 13.1	41.0	133.	44.	60.	2.E	1.00E	4.3
	ORN0089			R CO	82 38.4					N	0. N	0.

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COUNTY NAME: TRANSYLVANIA						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
LAKE TOXAWAY	NC00167	TOXAWAY RIVER	R	LAKE TOXAWAY	35 7.5	8.0	32.	27.	35.	11.*E	0. *E	0.
	SAS0090			CORP	82 56.0					*N	.17*N	.6
COUNTY NAME: UNION						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
NANCES FORD	NCU0014	ROCKY RIVER	H	DAEN SAC	35 10.0	760.0	728.	56.	68.	0.*U	0. *U	0.
	SAC0063				80 21.3					*T	6.51*T	17.1
LOVES FORD	NCU0015	ROCKY RIVER	HC	DAEN SAC	35 9.9	675.0	647.	95.	108.	0.*U	0. *U	0.
	SAC0064				80 27.2					*T	22.93*T	35.0
NCNONAME378 (CANE CREEK LAKE)	NC00516	CANE CREEK	RS	UNION COUNTY	34 50.0	11.0	17.	25.	31.	6.*E	0. *E	0.
	SAC0065				80 41.6					*N	.09*N	.2
LAKE TWITTY DAM	NC00532	STEWART AND CHIN	SR	CITY OF MONR	35 2.2	27.0	27.	20.	25.	5.*E	0. *E	0.
	SAC0066	KAPIN CREEKS		OE	80 28.7					*N	.16*N	.3
COUNTY NAME: WAKE						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
FALLS L N.C.	NCU0053	NEUSE RIVER	CSRU	DAEN SAW	35 56.3	760.0	754.	69.	93.	1128.*U	0. *U	0.
	SAW0083				78 34.5					*T	10.23*T	26.0
MILBURNIE PROJECT	NCU0054	NEUSE RIVER	CRU	DAEN SAW	35 48.0	906.0	906.	13.	17.	46.*U	0. *U	0.
	SAW0084				78 32.4					*T	3.39*T	7.5
MILBURNIE LAKE DAM	NCU0057	NEUSE RIVER	R	HOWARD TWIGG	35 48.0	875.0	875.	30.	40.	10.*E	0. *E	0.
	SAW0085		S		78 32.4					*N	5.01*N	15.0
LAKE BENSON DAM	NC00861	SWIFT CREEK-NEUS	S	CITY OF RALE	35 39.7	67.0	67.	15.	19.	2.*E	0. *E	0.
	SAW0086	E		IGH	78 36.7					*N	.33*N	.7
JOHNSON LAKE DAM	NC00862	WALNUT CREEK-NEU	SR	CITY OF RALE	35 45.7	7.0	7.	29.	37.	3.*E	0. *E	0.
	SAW0087	SE		IGH	78 42.4					*N	.05*N	.1

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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)

PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: WAKE					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
WHEELER LAKE DAM	NC00864	SWIFT CREEK-NEUS	SR	CITY OF RALE	35 41.6	38.0	38.	24.	30.	9.	E 0.	E 0.
	SAW0088	E		IGH	78 41.6						N .30	N .7
COUNTY NAME: WATUGA					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
BEECH CREEK	NCU0087	WATAUGA RIVER			36 15.9	147.0	250.	621.	160.	23.	U 0.	U 0.
	ORN0090				81 53.6						T 33.23	T 101.5
COUNTY NAME: WILKES					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
ELKIN	NCU0005	YADKIN RIVER	MC	DAEN SAC	36 14.7	844.0	1375.	62.	77.	0.	U 0.	U 0.
	SAC0067				80 52.4						T 17.33	T 60.2
CARTER FALLS	NCU0157	ELKIN CREEK		DUKE POWER C	36 17.1	23.0	35.	77.	77.	0.	E .18	E .6
	SAC0068			OMPANY	80 53.0						N .20	N .5
REDDIES RIVER LAKE	NCU0168	REDDIES RIVER	CSRO	DAEN>SAC	36 10.2	94.0	142.	99.	165.	111.	U 0.	U 0.
	SAC0069				81 10.1						T 2.58	T 9.6
ROARING RIVER LAKE	NCU0169	ROARING RIVER	CSRO	DAEN SAC	36 13.8	127.0	199.	139.	180.	171.	U 0.	U 0.
	SAC0070				81 1.9						T 4.79	T 18.7
W. KERR SCOTT	NC00300	YADKIN RIVER	CRS	DAEN SAC	36 9.0	348.0	430.	70.	137.	153.	E 0.	E 0.
	SAC0071				81 14.0						N 4.14	N 24.2
COUNTY NAME: WILSON					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
BUCKHORN LAKE	NCU0056	CONTENTNEA CREEK	CSRO	DAEN SAW	35 41.5	153.0	149.	52.	71.	210.	U 0.	U 0.
	SAW0089				78 6.5						T 2.00	T 4.8
BUCKHORN LAKE	NCU0058	CONTENTNEA CREEK	SR	CITY OF WILS	35 41.5	153.0	149.	15.	20.	7.	E 0.	E 0.
	SAW0090	-NEUSE		ON	78 6.6						N .51	N 1.3

LEGEND

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

PRELIMINARY ESTIMATES (07/09/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLO (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: YADKIN					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
UPPER DONNAHA	NCU0006	YADKIN RIVER	HC	DAEN SAC	36 15,2	1560,0	2410,	104,	124,	0,U	0, U	0,
	SAC0072				80 29,5					T	43,23 T	142,8
LOWER DONNAHA	NCU0007	YADKIN RIVER	HC	DAEN SAC	36 12,7	1620,0	2487,	119,	148,	0,U	0, U	0,
	SAC0073				80 25,4					T	91,37 T	169,7
COUNTY NAME: YANCEY					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
LANGFORD BRANCH	NCU0081	CANE RIVER			35 56,5	109,0	210,	86,	115,	57,U	0, U	0,
	ORN0091				82 23,5					T	3,35 T	10,4
HIGGINS	NCU0083	CANE RIVER			35 58,0	125,0	235,	62,	83,	5,U	0, U	0,
	ORN0092				82 23,2					T	2,82 T	8,6

LEGEND

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TERRITORY OF PUERTO RICO

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

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

HEAD (FT)	INSTALLATION	.05 MW - 15 MW EXIST INST 1 CAP	.05 MW - 15 MW EXIST INCR 2 CAP	.05 MW - 15 MW UNDEV POTEN 3 CAP	.05 MW - 15 MW TOTAL INCR 4 CAP	15 MW - 25 MW EXIST INST 1 CAP	15 MW - 25 MW EXIST INCR 2 CAP	15 MW - 25 MW UNDEV POTEN 3 CAP	15 MW - 25 MW TOTAL INCR 4 CAP	GREATER THAN 25 MW EXIST INST 1 CAP	GREATER THAN 25 MW EXIST INCR 2 CAP	GREATER THAN 25 MW UNDEV POTEN 3 CAP	GREATER THAN 25 MW TOTAL INCR 4 CAP	TOTAL EXIST INST 1 CAP	TOTAL EXIST INCR 2 CAP	TOTAL UNDEV POTEN 3 CAP	TOTAL TOTAL INCR 4 CAP
0-19	NUMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAPCTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ENERGY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-49	NUMBER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CAPCTY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	ENERGY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50-99	NUMBER	0	4	1	5	0	1	0	1	0	0	0	0	0	5	1	6
	CAPCTY	0.0	9.5	0.8	10.4	0.0	18.8	0.0	18.8	0.0	0.0	0.0	0.0	0.0	28.4	0.8	29.2
	ENERGY	0.0	16.8	6.4	23.2	0.0	32.9	0.0	32.9	0.0	0.0	0.0	0.0	0.0	49.6	6.4	56.2
>100	NUMBER	5	6	5	11	2	2	0	2	0	0	0	0	7	8	5	13
	CAPCTY	28.2	27.4	12.6	40.0	35.5	36.1	0.0	36.1	0.0	0.0	0.0	0.0	63.7	63.6	12.6	76.2
	ENERGY	63.9	31.6	56.9	88.6	54.4	44.6	0.0	44.6	0.0	0.0	0.0	0.0	118	76.3	56.9	133
TOTAL	NUMBER	5	10	6	16	2	3	0	5	0	0	0	0	7	15	6	19
	CAPCTY	28.2	37.0	13.4	50.5	35.5	54.9	0.0	54.9	0.0	0.0	0.0	0.0	63.7	92.0	13.4	106
	ENERGY	63.9	48.5	63.3	112	54.4	77.6	0.0	77.6	0.0	0.0	0.0	0.0	118	126	63.3	190

POTENTIAL INCREMENTAL CAPACITY RANGES

LEGEND

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

PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF **PUERTO RICO**

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ADJUNTAS					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO GARZAS	PR00006	VACA	HS	PRWRA	18 8.5	7.0	16.	2008.	192.	6.	12.24E	20.7
	SAJ0017				66 44.5						0. N	0.
LAGO ADJUNTAS	PR00007	ARECIBO	H	PRWRA	18 12.1	15.0	41.	190.	77.	1.	4.00E	2.2
	SAJ0018				66 43.9						1.11N	2.8
COUNTY NAME: ARECIBO					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO DOS BOCAS	PR00009	ARECIBO	H	PRWRA	18 20.3	170.0	345.	145.	184.	50.	18.00E	28.4
	SAJ0019				66 40.1						2.04N	3.2
COUNTY NAME: CIALES					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
7-5	PR00003	RIO GRANDE DE MA			18 18.0	127.0	0.	122.	162.	0.	0. U	0.
	SAJ0020	NATI			66 30.0						1.81T	12.1
LAGO EL GUINEO	PR00012	TORO NEGRO	HI	PRWRA	18 9.7	2.0	5.	2226.	120.	2.	1.92E	9.7
	SAJ0021				66 31.6						0. N	0.
COUNTY NAME: CIDRA					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO DE CIDRA	PR00020	BAYAMON	S	PRASA	18 12.0	6.6	20.	55.	75.	6.	0. E	0.
	SAJ0022				66 6.0						.53N	.9
COUNTY NAME: COMERIO					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
CE-15	PR00005	RIO DE LA PLATA			18 12.0	99.0	0.	154.	-0.	0. U	0. U	0.
	SAJ0023				66 12.0						.69T	4.9
COMERIO 1	PR00019	LA PLATA	H	PRWRA	18 16.2	135.0	308.	190.	45.	1.	2.04E	17.9
	SAJ0024				66 12.4						19.03N	19.1

L E G E N D

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF PUERTO RICO

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,S)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: JUANA DIAZ					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO GUAYABAL	PR00013	JACAGUAS	IS	COMMENWEALTH OF P. R.	18 6,2	21.0	57,	92,	117,	8,*E	0,	0,
	SAJ0025				66 29,3					*N	2.41	4,2
LAGO TOA VACA	PR00014	TOA VACA	IS	PRWRA	18 6,2	22.4	47,	152,	206,	60,*E	0,	0,
	SAJ0026				66 29,3					*N	3.45	6,1
COUNTY NAME: LAS MARIAS					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
8-2	PR00004	RIO GRANDE DE AN			18 18,0	127.0	0,	165,	-0,	0,*U	0,	0,
	SAJ0027	ASCO			67 6,0					*T	4,43	30,0
COUNTY NAME: MOCA					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
CE-1	PR00006	RIO CULEBRINAS			18 24,0	61.0	0,	72,	-0,	0,*U	0,	0,
	SAJ0028				66 6,0					*T	.86	6,4
COUNTY NAME: PATILLAS					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO PATILLAS	PR00023	PATILLAS	I	COMM P.R.	18 1,3	25.0	77,	112,	138,	17,*E	0,	0,
	SAJ0029				66 1,3					*N	3.82	6,7
COUNTY NAME: SANTA ISABEL					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO COAMO	PR00016	COAMO	I	COMMENWEALTH OF P. R.	18 0,	58.0	121,	53,	64,	3,*E	0,	0,
	SAJ0030				66 24,0					*N	2.78	4,9
COUNTY NAME: TOA ALTA					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO LA PLATA	PR00017	LA PLATA	S	PRASA	18 16,0	175.0	399,	99,	131,	33,*E	0,	0,
	SAJ0031				66 12,0					*N	18.83	33,0

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(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF PUERTO RICO

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

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STATE OF SOUTH CAROLINA

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

HEAD INCREMENT (FEET)	CUTMO UTAN LAND STATE	POTENTIAL INCREMENTAL CAPACITY RANGES															
		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST INST CAP 1	EXIST INCR CAP 2	UNDEV POTEN CAP 3	TOTAL INCR CAP 4	EXIST INST CAP 1	EXIST INCR CAP 2	UNDEV POTEN CAP 3	TOTAL INCR CAP 4	EXIST INST CAP 1	EXIST INCR CAP 2	UNDEV POTEN CAP 3	TOTAL INCR CAP 4	EXIST INST CAP 1	EXIST INCR CAP 2	UNDEV POTEN CAP 3	TOTAL INCR CAP 4
0-19	NUMBER	4	16	0	16	0	1	0	1	0	0	0	0	4	17	0	17
	CAPCTY	2.9	12.5	0.0	12.5	0.0	20.9	0.0	20.9	0.0	0.0	0.0	0.0	2.9	33.5	0.0	33.5
	ENERGY	9.0	58.0	0.0	58.0	0.0	59.6	0.0	59.6	0.0	0.0	0.0	0.0	9.0	118	0.0	118
20-49	NUMBER	18	22	1	23	1	2	1	3	0	5	3	8	19	29	5	34
	CAPCTY	61.2	31.6	4.5	36.2	18.8	33.1	20.8	53.9	0.0	170	213	383	80.1	234	239	473
	ENERGY	275	157	26.9	184	90.0	85.2	69.0	154	0.0	322	685	1007	365	564	781	1345
50-99	NUMBER	7	9	2	11	3	0	2	2	7	8	6	14	17	17	10	27
	CAPCTY	23.5	13.4	19.0	32.4	57.0	0.0	41.6	41.6	403	343	574	917	484	357	634	991
	ENERGY	107	126	66.6	192	143	0.0	146	146	1454	879	1561	2440	1683	1005	1773	2778
>100	NUMBER	0	2	2	4	0	0	1	1	3	0	4	4	3	2	7	9
	CAPCTY	0.0	3.7	10.8	14.6	0.0	0.0	17.9	17.9	965	0.0	274	274	965	3.7	303	307
	ENERGY	0.0	13.0	36.5	49.5	0.0	0.0	65.1	65.1	683	0.0	847	847	683	13.0	948	961
TOTAL	NUMBER	29	49	5	54	4	3	4	7	10	13	13	26	43	65	22	87
	CAPCTY	87.7	61.4	34.4	95.8	75.8	54.1	80.4	135	1368	513	1061	1574	1532	628	1176	1805
	ENERGY	390	354	130	484	233	145	280	425	2117	1201	3093	4294	2740	1700	3503	5202

LEGEND

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

PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ABBEVILLE						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
UPPER HARE SHOALS	SC00007	SALUDA RIVER	HC	DAEN SAC	34 26.0	530.0	976.	60.	66.	54.	U 0.	U 0.
	SAC0074				82 16.0						T 14.74	T 48.8
ROCKY RIVER	SC00247	ROCKY RIVER	HRO	CITY OF ABBE	34 15.5	196.0	450.	78.	52.	31.	E 2.80	E 9.2
	SAS0091			VILLE	82 36.6						N 1.16	N 2.6
COUNTY NAME: AIKEN						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
LANGLEY POND	SC00287	HORSE CREEK	O	UNITED MERCH	33 31.2	86.0	46.	17.	22.	3.	E 0.	E 0.
	SAS0092			ANTS INC.	81 50.7						N .43	N 1.3
VAUCLUSE	SC00290	HORSE CREEK	HO	GRANITEVILLE	33 36.8	30.0	45.	52.	33.	1.	E .48	E .8
	SAS0093			MAN CO	81 48.4						N 0.	N 0.
GRANITEVILLE	SC00291	HORSE CREEK	HO	GRANITEVILLE	33 34.7	56.0	71.	41.	18.	1.	E .45	E 1.2
	SAS0094			MAN. CO.	81 48.6						N .22	N .8
SCNONAME02090	SC00361	GIDDY SWAMP CREE	R	COOPER REALI	33 42.0	13.0	15.	42.	45.	4.	E 0.	E 0.
	SAC0075	K		TY	81 18.0						N .25	N .7
COUNTY NAME: ANDERSON						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
BROADWAY LAKE	SC00539	BROADWAY CREEK	R	ANDERSON COU	34 27.0	44.0	60.	17.	21.	3.	E 0.	E 0.
	SAS0095			NTY	82 35.0						N .20	N .6
ANDERSON RESERVOIR	SC00540	BEAVERDAM CREEK	RS	H G ANDERSON	34 37.5	10.0	21.	24.	26.	1.	E 0.	E 0.
	SAS0096				82 35.0						N .06	N .2
SCNONAME04008 (B	SC00546	BIG CREEK	O	CITY OF HILL	34 37.7	5.0	9.	24.	31.	1.	E 0.	E 0.
IG CR WATERSHED	SAC0076			IAMSTON	82 29.0						N .06	N .2
LOWER PELZER	SC01076	SALUDA RIVER	H	THE KENDALL	34 37.2	414.0	800.	38.	42.	0.	E 3.28	E 10.0
	SAC0077			COMPANY	82 27.2						N 2.04	N 21.5

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ANDERSON					FERC POWER SUPPLY AREA 21					FERC REGIONAL OFFICE CODE AT		
UPPER PELZER	SC01079	SALUDA RIVER	H	THE KENDALL	34 39,8	409.0	750.	25.	25.	0. E	1.65 E	6.0
	SAC0078			COMPANY	82 27,8					N	2.02 N	14.9
COUNTY NAME: BERKELEY					FERC POWER SUPPLY AREA 21					FERC REGIONAL OFFICE CODE AT		
ST STEVEN	SC00003	SANTEE COOPER	H	DAEN SAC	33 24,0	15000.0	14000.	70.	70.	0. U	0. U	0.
	SAC0079				79 55,0					T	77.00 T	78.4
JEFFERIES	SC01076	DIVERSION CANAL	HRNC	S C PUBLIC S	33 16,7	15000.0	14000.	68.	77.	1110. E	132.62 E	657.0
	SAC0080			ERV ARTH	79 58,7					N	0. N	0.
COUNTY NAME: CHEROKEE					FERC POWER SUPPLY AREA 21					FERC REGIONAL OFFICE CODE AT		
GREATER CHEROKEE FALLS	SC00002	BROAD RIVER	H	DAEN SAC	35 4,1	1500.0	2350.	30.	30.	0. U	0. U	0.
	SAC0081				81 34,3					T	20.86 T	69.0
GREATER GASTON SHOALS	SC00014	BROAD RIVER	HC	DAEN SAC	35 6,4	1420.0	2357.	123.	130.	733. U	0. U	0.
	SAC0082				81 34,4					T	80.95 T	268.0
SCNONAME11001 (LAKE WHELCHEL)	SC00261	CHEROKEE CREEK	O	GAFFNEY BOAR	35 6,5	15.0	24.	52.	60.	4. E	0. E	0.
	SAC0083			D OF PUBLIC	81 37,4					N	.27 N	.5
NINETY-NINE ISLANDS	SC01074	BROAD	HR	DUKE POWER C	35 1,8	1550.0	2400.	68.	74.	19. E	18.00 E	65.6
	SAC0084			OMPANY	81 29,7					N	30.85 N	96.1
GASTON SHOALS	SC01075	BROAD	HR	DUKE POWER C	35 8,4	1250.0	2030.	47.	52.	4. E	9.14 E	30.1
	SAC0085			OMPANY	81 36,3					N	16.09 N	60.0
CHEROKEE FALLS	SC01081	BROAD RIVER	H	BURLINGTON I	35 3,8	1500.0	2350.	19.	20.	0. E	1.75 E	5.0
	SAC0086			NDUSTRIES	81 33,3					N	4.37 N	31.7

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CHESTER					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
ROCKY CREEK-CEDA	SC01071	CATAWBA	HR	DUKE PWR CO	34 32.3	4360.0	5425.	58.	59.	2.*E	28.00*E	11.1
R CREEK	SAC0087				80 52.6					*N	50.16*N	201.8
GREAT FALLS-DEAR	SC01073	CATAWBA	H	DUKE PWR CO	34 33.5	4100.0	5150.	71.	71.	2.*E	24.00*E	29.9
BORN	SAC0088				80 53.6					*N	65.97*N	215.1
COUNTY NAME: CHESTERFIELD					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
SCNONAME13004 (E	SC00028	JUNIPER CREEK	R	STATE OF SOU	34 38.2	66.0	110.	9.	16.	2.*E	0. *E	0.
UREKA LAKE)	SAC0089			TH CAROLINA	79 54.0					*N	.18*N	.3
COUNTY NAME: CLARENDON					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
SPILLWAY (LAKE M	SC00732	SANTEE RIVER	HCR	S C PUBLIC S	33 28.8	14700.0	2200.	47.	50.	1400.*E	1.92*E	12.0
ARION)	SAC0090			ERV AUTH	80 10.0					*N	28.42*N	27.8
COUNTY NAME: DARLINGTON					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
HARTSVILLE (PRES	SC00611	BLACK CREEK	ROH	SUNOCO WOOD	34 23.4	215.0	301.	15.	10.	1.*E	.32*E	.8
TWOOD LAKE)	SAC0091			PRODUCTS	80 9.0					*N	.26*N	.2
SCNONAME16028 (K	SC00629	PEE DEE RIVER	O	KLOPMAN MILL	34 31.6	7461.0	8610.	10.	13.	0.*E	0. *E	0.
LOPMAN MILL POND	SAC0092			S	79 50.0					*N	20.99*N	59.7
SCNONAME16033 LA	SC00632	BLACK CREEK	HRO	CAROLINA POW	34 24.2	173.0	242.	35.	40.	31.*E	0. *E	0.
KE ROBINSON	SAC0093			ER COMPANY	80 9.0					*N	1.41*N	3.2
COUNTY NAME: DORCHESTER					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
WALTERBORO	SCU0005	EDISTO			33 4.5	1970.0	2241.	80.	80.	0.*U	0. *U	0.
	SAC0094				80 30.0					*T	36.49*T	77.0

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: EDGEFIELD						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
STEVENS CREEK RESERVOIR	SC01070 SAS0097	SAVANNAH RIVER	HRD	S C ELECTRIC + GAS CO	33 37.4 82 3.0	7173.0	9900.	26.	29.	18. *E *N	18.88 *E 41.78 *N	90.0 92.3
COUNTY NAME: GREENVILLE						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
THE FORKS	SC00016 SAC0095	SALUDA RIVER	HC	DAEN SAC	34 55.4 82 31.1	300.0	655.	95.	100.	348. *U *T	0. *U 19.01 *T	0. 66.4
SCNONAME23001 (LAKE LANIER)	SC00001 SAC0096	VAUGHN CREEK	RS	SOUTHERN MER CERIZING CO	35 11.0 82 14.5	7.0	13.	42.	50.	2. *E *N	0. *E .14 *N	0. .4
SCNONAME23002 (LAKE CUNNINGHAM)	SC00002 SAC0097	SOUTH TYGER RIVER	S	GREEN PUBLIC WORKS	34 59.1 82 15.5	67.0	107.	19.	22.	1. *E *N	0. *E .82 *N	0. 2.8
SCNONAME23003 (NORTH SALUDA RESERVOIR)	SC00003 SAC0098	NORTH SALUDA RIVER	S	GREENVILLE WATER SYSTEM	35 8.4 82 24.4	26.0	57.	160.	160.	76. *E *N	0. *E 2.67 *N	0. 9.2
HOLIDAYS BRIDGE	SC00023 SAC0099	SALUDA RIVER	HS	DUKE POWER COMPANY	34 31.6 82 22.5	531.0	880.	42.	44.	7. *E *N	3.50 *E 1.38 *N	12.7 16.2
SALUDA	SC00024 SAC0100	SALUDA RIVER	HSR	DUKE POWER COMPANY	34 51.1 82 29.1	315.0	600.	41.	47.	8. *E *N	2.40 *E 2.04 *N	7.8 18.2
SCNONAME23026 (TABLE ROCK COVE)	SC00025 SAC0101	SOUTH SALUDA RIVER	S	GREENVILLE WATER SYSTEM	35 3.9 82 40.3	14.0	31.	125.	146.	30. *E *N	0. *E 1.12 *N	0. 3.9
PIEDMONT	SC01068 SAC0102	SALUDA	HR	J P STEVENS CO INC	34 42.1 82 27.6	375.0	740.	24.	28.	1. *E *N	1.00 *E 5.00 *N	6.7 14.3
COUNTY NAME: GREENWOOD						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
BUZZARDS ROOST-LAKE GREENWOOD	SC00109 SAC0103	SALUDA RIVER	HSR	GREENWOOD COUNTY	34 10.4 81 54.3	1150.0	1650.	54.	65.	270. *E *N	15.00 *E 3.55 *N	47.0 15.0

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

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COUNTY NAME: HAMPTON					FERC POWER SUPPLY AREA 21				FERC REGIONAL OFFICE CODE			
SCNONAME25001 (L	SC00994	BLACK CREEK	R		32 49.5	46.0	44.	8.	12.	4.	E 0.	E 0.
AKE WARREN)	SAC0104				81 10.5						N .11	N .2
COUNTY NAME: KERSHAW					FERC POWER SUPPLY AREA 21				FERC REGIONAL OFFICE CODE			
SCNONAME28005 (H	SC00460	BIG PINE TREE CR	R	HERMITAGE MI	34 14.8	53.0	66.	10.	14.	3.	E 0.	E 0.
ERMITAGE MILL PO	SAC0105	EEK		LL	80 34.5						N .16	N .3
LAKE WATEREE	SC00485	WATEREE RIVER	HSR	DUKE POWER C	34 20.0	4750.0	5825.	77.	83.	304.	E 56.00	E 221.2
	SAC0106			O.	80 42.0						N 57.04	N 86.7
COUNTY NAME: LANCASTER					FERC POWER SUPPLY AREA 21				FERC REGIONAL OFFICE CODE AT			
FISHING CREEK	SC00138	CATAWBA RIVER	HR	DUKE POWER C	34 36.0	3810.0	4860.	58.	62.	60.	E 36.72	E 138.8
	SAC0107			O.	80 53.2						N 31.58	N 47.2
CEDAR CREEK-ROCK	SC00139	CATAWBA RIVER	HR	DUKE POWER C	34 32.4	4360.0	5425.	58.	59.	2.	E 45.00	E 131.9
Y CREEK	SAC0108			O.	80 52.5						N 33.16	N 81.0
DEARBORN-GREAT F	SC00140	CATAWBA RIVER	H	DUKE POWER C	34 33.4	4100.0	5150.	71.	71.	2.	E 45.00	E 137.6
ALLS	SAC0109			OMPANY	80 53.5						N 44.97	N 107.4
COUNTY NAME: LAURENS					FERC POWER SUPPLY AREA 21				FERC REGIONAL OFFICE CODE			
SCNONAME30001 (C	SC00248	BEARDS CREEK	O	CLINTON MILL	34 29.3	3.0	4.	50.	55.	1.	E 0.	E 0.
LINTON MILL POND	SAC0110			S	81 54.1						N .07	N .2
TUMBLING SHOALS	SC00259	REEDY RIVER	HR	DUKE POWER C	34 30.4	250.0	375.	16.	20.	0.	E .30	E 1.1
(SCNONAME30016)	SAC0111			OMPANY	82 13.4						N 2.37	N 8.2
BOYDS MILL	SC01066	REEDY RIVER	H	DUKE POWER C	34 27.2	224.0	315.	47.	49.	3.	E .96	E 5.2
	SAC0112			O.	82 11.7						N 2.72	N 16.1

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COUNTY NAME: LAURENS					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
WARE SHOALS	SC01067	SALUDA RIVER	HR	KIEGEL TEXTI	34 24,1	564.0	1000,	51,	52,	0,*E	5.00*E	19.0
	SAC0113			LE CORP	82 14,6					*N	1.23*N	18.2
COUNTY NAME: LEXINGTON					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
SCNONAME 32003 L	SC00143	TWELVE MILE CREE	S	BURLINGTON I	33 58,5	34.0	40,	30,	36,	0,*E	.30*E	.4
EXINGTON MILL PO	SAC0114	K		NDUSTRIES	81 14,0					*N	.06*N	.2
SCONAME 32006 BA	SC00148	TWELVE MILE CREE	RH	LEXINGTON WI	33 57,5	31.0	36,	12,	12,	1,*E	0, *E	0,
RR LAKE	SAC0115	K		LDLIFE	81 15,5					*N	.11*N	.2
SALUDA-LAKE MURR	SC00224	SALUDA RIVER	HR	S CAR ELECTR	34 3,0	2400.0	2700,	172,	188,	2096,*E	197.50*E	225.0
AY	SAC0116			IC AND GAS	81 13,0					*N	0, *N	0,
COUNTY NAME: MARLBORO					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
SCNONAME35002(AN	SC00636	PHILS CREEK	HRSU	PALMETTO BRI	34 41,5	23.0	36,	8,	9,	0,*E	0, *E	0,
DERSON MILL POND	SAC0117			CK CO,	79 50,1					*N	.05*N	.1
COUNTY NAME: NEWBERRY					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
BLAIR	SCU0008	BROAD RIVER	HR	DAEN SAC	34 25,4	4475.0	5520,	70,	80,	965,*U	0, *U	0,
	SAC0118				81 24,4					*T	96.82*T	263.7
PARR SHOALS,	SC00110	BROAD RIVER	HRC	S CAR ELEC A	34 15,5	4700.0	5600,	28,	38,	50,*E	14.88*E	88.0
	SAC0119			ND GAS	81 20,0					*N	25.92*N	23.1
COUNTY NAME: OCONEE					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				
HOGUES FORD	SCU0023	CHATTOOGA RIVER	HR		34 48,9	193.0	620,	243,	128,	13,*U	0, *U	0,
	SAS0098				83 18,0					*T	28.79*T	104.7

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IN THE STATE OF SOUTH CAROLINA

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COUNTY NAME: OCONEE					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
WAR WOMAN	SCU00024	CHATTOOGA RIVER	HR		34 52.7	163.0	550.	179.	187.	162.	U 0.	U 0.
	SAS00099				83 14.0						T 17.91	T 65.1
CAMP CREEK	SCU00025	CHATTOOGA RIVER	HR		34 45.5	258.0	760.	177.	99.	6.	U 0.	U 0.
	SAS00100				83 19.3						T 28.03	T 101.9
LOWER WHITEWATER	SCU00026	WHITEWATER RIVER	HR		35 1.0	17.0	70.	890.	165.	12.	U 0.	U 0.
	SAS00101				82 59.7						T 9.72	T 33.4
BAD CREEK	SCU00028	BAD CREEK	H		35 .4	2.0	5.	1205.	325.	36.	U 0.	U 0.
	SAS00102				83 1.1						T 1.11	T 3.1
MOUNTAIN LAKE	SC00515	JERRY CREEK	R	LAKE BECKY D EVELOPMENT	34 51.0	3.0	9.	38.	40.	1.	E 0.	E 0.
	SAS00103				83 7.2						N .05	N .1
CONEROSS CREEK N O 8	SC00521	CONEROSS CREEK	RC	W J HARVEY E ST. + OTHERS	34 43.0	18.0	69.	7.	30.	4.	E 0.	E 0.
	SAS00104				83 5.0						N .18	N .7
LAKE JOCASSE	SC00529	KEOWEE RIVER	H	DUKE POWER	34 57.6	146.0	300.	307.	385.	1316.	E 610.00	E 374.0
	SAS00105				82 55.2						N 0.	N 0.
COUNTY NAME: PICKENS					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
LAKE ISSAQUENNA	SC00691	SIX MILE CREEK	R	CLEMSON UNIV ERSITY	34 44.1	10.0	21.	28.	31.	1.	E 0.	E 0.
	SAS00106				82 51.9						N .07	N .2
TWELVE MILE CREE K NO 16	SC00699	RICES CREEK	CR	ROY WHITLOCK + OTHERS	34 50.5	12.0	24.	14.	26.	2.	E 0.	E 0.
	SAS00107				82 43.0						N .07	N .2
WOLF CREEK LAKE	SC00700	WOLF CREEK	CR	RUBERT WELBU RN + OTHERS	34 51.3	17.0	31.	13.	26.	3.	E 0.	E 0.
	SAS00108				82 44.5						N .10	N .3
LAKE KEOWEE	SC00706	KEOWEE RIVER	HRO	DUKE POWER C OMPANY	34 48.0	451.0	650.	138.	150.	960.	E 157.50	E 84.0
	SAS00109				82 53.3						N 0.	N 0.

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: RICHLAND					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
FROST SHOALS	SCU00001	BROAD RIVER	H	DAEN SAC	34 1.7	5130.0	6833.	75.	75.	0.	U 0.	U 0.
	SAC0120				81 4.1						T 118.91	T 323.9
SCNONAME40001 (LAKE COLUMBIA)	SC00046	RICE CREEK	R	BOINEAU REAL TY	34 10.5 80 56.0	6.0	7.	25.	30.	1.	E 0. N .05	E 0. N .1
SCNONAME40051 (COLUMBIA RESERVOI	SC00087	CONGAREE RIVER	S	CITY OF COLUMBIA	34 .5 81 3.2	5240.0	6550.	20.	25.	0.	E 0. N 32.39	E 0. N 88.2
WESTON LAKE DAM =FT JACKSON=	SC00233	CEDAR CREEK	R	DOD USA	33 59.9 80 49.9	9.0	9.	25.	28.	5.	E 0. N .08	E 0. N .1
COLUMBIA	SC01064	BROAD	H	S C ELECT AND GAS CO	34 2.0 81 4.2	5230.0	6300.	32.	14.	1.	E 10.60 N 41.13	E 50.5 N 90.4
COUNTY NAME: SPARTANBURG					FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT					
BURNT FACTORY	SCU0011	TYGER RIVER	HC	DAEN SAC	34 41.6	420.0	588.	52.	52.	0.	U 0.	U 0.
	SAC0125				81 49.9						T 4.27	T 17.8
NESBIT	SCU0012	TYGER RIVER	HC	DAEN SAC	34 45.2	365.0	511.	93.	98.	103.	U 0.	U 0.
	SAC0126				81 55.5						T 22.64	T 79.1
TROUGH	SCU0013	PACOLET RIVER	H	DAEN SAC	34 55.2	460.0	690.	45.	45.	17.	U 0.	U 0.
	SAC0127				81 45.1						T 4.57	T 26.9
VAN PATTON	SCU0030	ENOREE RIVER		DUKE POWER COMPANY	34 45.2	170.0	231.	55.	60.	0.	E .75	E 1.0
	SAC0128				82 6.5						N 2.01	N 7.4
APALACHEE MILL S CNONAME 42001	SC00734	SOUTH TYGER	O	J P STEVENS CO INC	34 57.9 82 12.2	45.0	68.	46.	26.	1.	E 1.30 N .03	E 2.3 N 2.3
	SAC0129											
BERRY SHOALS DAM	SC00736	SOUTH TYGER RIVER	O	STARTEX MILLS	34 53.3 82 6.2	100.0	160.	46.	31.	1.	E 2.00 N 0.	E 3.4 N 0.
	SAC0130	R		S								

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: SPARTANBURG						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE				
SCNONAME42004 (L	SC00737	MIDDLE TYGER RIV	UR	LOWENSTEIN C	34 57.9	46.0	71.	35.	40.	6.*E	0. *E	0.
YMAN LAKE)	SAC0131	ER		ORP.	82 12.1					*N	1.03*N	3.6
SCNONAME42006 (W	SC00739	SOUTH PACOLET RI	SRO	SPARTANBURG	35 6.5	90.0	145.	35.	50.	32.*E	0. *E	0.
.C. BOWEN LAKE)	SAC0132	VER		WATER WORKS	82 1.0					*N	1.52*N	4.4
PACOLET	SC01060	PACOLET RIVER	HR	PACOLET INDU	34 55.2	460.0	620.	26.	27.	0.*E	.80*E	2.7
	SAC0133			STRIES INC	81 44.2					*N	3.19*N	11.4
CLIFTON NO 1	SC01061	PACOLET RIVER	HR	DAN RIVER MI	34 58.9	319.0	440.	21.	22.	0.*E	.60*E	3.0
	SAC0134			LLS INC	81 49.4					*N	3.67*N	12.6
CLIFTON NO 2	SC01062	PACOLET RIVER	HR	DAN RIVER MI	34 58.8	320.0	440.	17.	18.	0.*E	.53*E	2.1
	SAC0135			LLS INC	81 48.9					*N	3.10*N	10.6
CLIFTON NO 3	SC01063	PACOLET	HR	DAN RIVER MI	34 59.7	318.0	440.	27.	28.	0.*E	1.10*E	2.8
	SAC0136			LS INC	81 50.1					*N	4.63*N	17.2
R B SIMMS IS PAC	SC01077	SOUTH PACOLET RI	SH	SPARTANBURG	35 6.6	93.0	150.	56.	58.	4.*E	1.00*E	4.4
OLET RIVER RESER	SAC0137	VER		WATER WORKS	81 58.2					*N	1.51*N	2.9
PRINT CRASH	SC01080	MIDDLE TYGER RIV	H	STARTEX MILL	34 55.8	72.0	95.	54.	54.	0.*E	1.20*E	2.3
	SAC0138	ER		S	82 6.2					*N	1.30*N	6.3
COUNTY NAME: UNION						FERC POWER SUPPLY AREA 21		FERC REGIONAL OFFICE CODE AT				
NEAL SHOALS	SC01058	BROAD	HR	S C ELECTRIC	34 39.9	2730.0	3800.	24.	29.	6.*E	5.20*E	30.0
	SAC0139			AND GAS CO	81 26.9					*N	15.05*N	25.2
LOCKHART	SC01059	BROAD RIVER	H	LOCKHART POW	34 47.9	2600.0	3640.	52.	53.	1.*E	12.30*E	70.0
	SAC0140			ER COMPANY	81 27.6					*N	29.49*N	43.8

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: YORK					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE				
GREATER LOCKHART	SC00029	BROAD RIVER	HCR	DAEN SAC	34 48.6	2600.0	3640.	170.	112.	2250.	U 0.	U 0.
	SAC0141				81 28.0						T 136.61	T 372.1
SCNONAME46008 (F	SC00667	FISHING CREEK	C		35 0.	11.0	14.	18.	25.	3.	E 0.	E 0.
ISHING CR WSHED	SAC0142				81 12.3						N .06	N .1
CATAWBA DAM LAKE	SC00687	CATAWBA	HR	DUKE POWER C	35 1.3	3020.0	4100.	68.	75.	282.	E 60.00	E 136.7
WYLIE	SAC0143			O.	81 .5						N 2.35	N 72.8

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STATE OF TENNESSEE

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

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

HEAD INCREMENT	CUMULATIVE TOTAL	POTENTIAL INCREMENTAL CAPACITY RANGES																	
		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
		EXIST INCR 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP	EXIST INST 1 CAP	EXIST INCR 2 CAP	UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP
0-19	NUMBER	0	4	0	4	1	0	0	0	0	0	1	1	1	4	1	5
	CAPCTY	0.0	1.6	0.0	1.6	21.0	0.0	0.0	0.0	0.0	0.0	306	306	21.0	1.6	306	308
	ENERGY	0.0	4.5	0.0	4.5	45.5	0.0	0.0	0.0	0.0	0.0	1062	1062	45.5	4.5	1062	1066
20-49	NUMBER	0	22	0	22	0	0	0	0	3	2	2	4	3	24	2	26
	CAPCTY	0.0	8.2	0.0	8.2	0.0	0.0	0.0	0.0	183	590	5664	6255	183	599	5664	6263
	ENERGY	0.0	23.5	0.0	23.5	0.0	0.0	0.0	0.0	1091	1179	20483	21662	1091	1203	20483	21686
50-99	NUMBER	1	3	5	8	1	3	1	4	11	8	9	17	13	14	15	29
	CAPCTY	10.6	24.4	33.5	57.9	18.0	64.1	24.1	88.2	1012	2279	503	2782	1041	2368	561	2929
	ENERGY	35.2	29.3	95.4	125	65.0	55.9	79.7	136	6036	3784	1429	5213	6134	3869	1605	5473
>100	NUMBER	0	2	4	6	0	1	1	2	10	4	11	15	10	7	16	23
	CAPCTY	0.0	12.6	36.5	49.2	0.0	15.6	21.3	36.9	851	273	675	948	851	301	733	1034
	ENERGY	0.0	0.0	111	111	0.0	0.0	65.1	65.1	3937	150	2031	2181	3937	150	2207	2358
TOTAL	NUMBER	1	31	9	40	2	4	2	6	24	14	23	37	27	49	34	83
	CAPCTY	10.6	46.9	70.1	117	39.0	79.8	45.4	125	2046	3142	7149	10291	2096	3269	7264	10533
	ENERGY	33.2	57.4	207	264	111	55.9	145	201	11064	5113	25004	30118	11208	5227	25356	30583

LEGEND

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

PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: BEDFORD					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
COUNTY LINE	TN00037	DUCK RIVER			35 34,7	717.0	1150.	53.	60.	0.*U	0. *U	0.
	ORN0093				86 39,1					*T	10.68*T	29.8
COUNTY NAME: BLOUNT					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
NALE CREEK	TN00023	LITTLE RIVER			35 48,2	268.0	510.	51.	68.	71.*U	0. *U	0.
	ORN0094				83 53,5					*T	6.35*T	21.3
MOUNT NEBO	TN00024	LITTLE RIVER			35 44,0	188.0	360.	114.	152.	190.*U	0. *U	0.
	ORN0095				83 49,1					*T	9.96*T	33.5
CHILHOWEE LAKE	TN00059	LITTLE TENNESSEE	HR	TAPOCO INC	35 32,7	1977.0	4602.	46.	65.	40.*E	50.00*E	256.8
	ORN0096				84 3,0					*N	0. *N	0.
CALDERWOOD LAKE	TN00083	LITTLE TENNESSEE	HR	TAPOCO INC.	35 29,5	1656.0	4320.	140.	200.	55.*E	121.50*E	756.3
	ORN0097				83 58,8					*N	0. *N	0.
COUNTY NAME: CAMPBELL					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
NORRIS LAKE	TN00056	CLINCH RIVER	CHNR	TVA	36 13,5	2912.0	4367.	176.	238.	2552.*E	100.80*E	655.3
	ORN0098				84 5,5					*N	0. *N	0.
LAFOLLETTE CITY RESERVOIR NO 1	TN00118	OLLIS CK	S	CITY OF LAFOLLETTE	36 23,4	13.0	43.	18.	25.	0.*E	0. *E	0.
	ORN0099				84 8,5					*N	.18*N	.5
LAFOLLETTE CITY RESERVOIR NO 2	TN00119	OLLIS CK	S	CITY OF LAFOLLETTE	36 22,2	11.0	36.	26.	35.	1.*E	0. *E	0.
	ORN0100				84 10,5					*N	.21*N	.6
COUNTY NAME: CARTER					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
PINE CAMP	TN00020	ELK RIVER			36 13,5	49.0	90.	548.	150.	23.*U	0. *U	0.
	ORN0101				81 58,2					*T	12.93*T	37.4

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CARTER					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
HAMPTON	TN00032	DOE RIVER			36 17,8	120.0	225.	465.	325.	205.	U 0.	U 0.
	ORN0102				82 10,5						T 21.33	T 65.2
ELK MILLS	TN00034	ELK RIVER			36 15,3	69.0	100.	238.	130.	10.	U 0.	U 0.
	ORN0103				81 59,4						T 7.91	T 22.9
WATAUGA LAKE	TN00063	WATAUGA RIVER	CHNR	TVA	36 19,3	468.0	1046.	210.	295.	677.	E 50.00	E 194.0
	ORN0104				82 7,3						N 0.	N 0.
WILBUR LAKE	TN00064	WATAUGA RIVER	HR	TVA	36 20,5	471.0	803.	52.	70.	1.	E 10.70	E 33.3
	ORN0105				82 7,6						N 0.	N 0.
COUNTY NAME: CHEATHAM					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
THREE ISLANDS DAM	TN00013	HARPETH RIVER	HCR	CORPS	36 15,2	854.0	1190.	87.	120.	715.	E 0.	E 0.
	ORN0106				87 11,3						N 25.45	N 56.4
CHEATHAM	TN00047	CUMBERLAND	HNR	DAEN ORN	36 16,9	14159.0	22274.	47.	64.	104.	E 36.00	E 166.0
	ORN0107				87 13,2						N 266.40	N 530.2
COUNTY NAME: CLAIBORNE					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
WAR RIDGE	TN00014	CLINCH RIVER			36 24,6	1480.0	2058.	170.	180.	620.	U 0.	U 0.
	ORN0108				83 26,5						T 106.55	T 233.2
CUMBERLAND GAP	TN00036	POWELL RIVER			36 32,5	685.0	1130.	172.	190.	0.	U 0.	U 0.
	ORN0109				83 38,3						T 59.25	T 127.1
COUNTY NAME: CLAY					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
DALE HOLLOW	TN00043	OBEY	HCR	DAEN ORN	36 32,3	936.0	1854.	120.	163.	1706.	E 54.00	E 195.3
	ORN0110				85 27,1						N 0.	N 0.

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ 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: **COFFEE**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LAKE TULLAHOMA	TNU0121	CARROLL CK	OP	ROBERT G RAT	35 24,0	2,0	21,	21,	29,	1,*E	0, *E	0,
	ORN0111			CLIFFE	86 12,4					*N	,09*N	,3
MORTON LAKE	TNU0126	DUCK RIVER	R	ROWLIN MORTO	35 29,8	55,0	96,	12,	16,	0,*E	0, *E	0,
	ORN0112			N	86 6,1					*N	,22*N	,5
COUNTY NAME: **COOKE**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
OLD TOWN	TNU0021	FRENCH BROAD RIV			35 58,9	1856,0	2822,	72,	75,	0,*U	0, *U	0,
	ORN0113	ER			83 8,1					*T	47,47*T	150,8
LONG CREEK	TNU0027	FRENCH BROAD RIV			35 56,6	1842,0	3400,	118,	157,	350,*U	0, *U	0,
	ORN0114	ER			83 3,8					*T	77,22*T	245,3
HARTFORD	TNU0031	PIGEON RIVER			35 48,4	546,0	990,	372,	130,	0,*U	0, *U	0,
	ORN0115				83 8,4					*T	98,00*T	344,2
COUNTY NAME: **CUMBERLAND**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
DADDYS CREEK	TNU0035	DADDYS CREEK			36 2,4	168,0	320,	260,	290,	233,*U	0, *U	0,
	ORN0116				84 48,6					*T	25,53*T	72,3
HOLIDAY LAKE	TNU0078	OBED RIVER	RS	HENRY ROGERS	35 57,4	8,0	19,	22,	30,	4,*E	0, *E	0,
	ORN0117				85 3,6					*N	,08*N	,3
BYRD LAKE	TNU0107	BYRD CK	R	STATE OF TEN	35 54,1	9,0	21,	19,	26,	1,*E	0, *E	0,
	ORN0116			NESSEE	84 59,9					*N	,08*N	,3
COUNTY NAME: **DAVIDSON**					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
UDPTN90000	TNU0008	MILL CREEK			36 2,2	52,0	91,	77,	0,	0,*U	0, *U	0,
	ORN0119				86 40,4					*T	1,46*T	3,5

LEGEND

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: DAVIDSON					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
OLD HICKORY	TN00045	CUMBERLAND	HNCR	DAEN ORN	36 17,8	11673,0	18363,	58,	78,	545,E	100,00E	621,1
	ORN0120				86 39,3						210,71N	83,2
J PERCY PRIEST	TN00046	STONES	CRH	DAEN ORN	36 9,4	692,0	1483,	95,	129,	652,E	28,00E	85,2
	ORN0121				86 37,1						0, N	0,
COUNTY NAME: DEKALB					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
CENTER HILL	TN00044	CANEY FORK	CHR	DAEN ORN	36 5,8	2174,0	4307,	159,	215,	2092,E	135,00E	512,0
	ORN0122				85 49,6						0, N	0,
COUNTY NAME: DICKSON					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
ACORN LAKE	TN00087	TR-JONES CR	R	STATE OF TEN	36 6,0	1,0	61,	28,	38,	1,E	0, E	0,
	ORN0123			NESSEE	87 16,6						,45N	1,0
COUNTY NAME: DYER					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE AT				
LOCK AND DAM NO. 4	TN00006	MISSISSIPPI RIVE			36 1,7	923465,0	469578,	30,	30,	0,U	0, U	0,
	LM00019	R			89 41,7					2820,66T	10200,	
COUNTY NAME: FRANKLIN					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
TIMS FORD LAKE	TN00069	ELK RIVER	CHSRO	TVA	35 11,8	529,0	993,	110,	160,	608,E	45,00E	98,9
	ORN0124				86 16,7						0, N	0,
WOODS RESERVOIR	TN00070	ELK RIVER	SCR	DOD USAF	35 17,9	263,0	473,	49,	66,	88,E	0, E	0,
	ORN0125				86 5,8						3,98N	12,3
JACKSON LAKE	TN00117	BETHEL CK	S	UNIVERSITY O	35 11,3	1,0	10,	34,	46,	0,E	0, E	0,
	ORN0126			F THE SOUTH	85 53,4						,07N	,3

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: FRANKLIN					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
TNNONAME 474	TNU0140	BETHEL CK	R	CLARENCE DAY	35 11.1	2.0	21.	36.	49.	0.	E 0.	E 0.
	DRN0127				85 52.3						N .16	N .5
COUNTY NAME: GILES					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
LAKE LOGAN	TNU0124	TN-ELKS RIVER	R	LAKE LOGAN I	35 4.0	1.0	61.	26.	35.	1.	E 0.	E 0.
	DRN0128			NC	86 51.4						N .42	N 1.0
COUNTY NAME: GRAINGER					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
BEAVER CREEK	TNU0040	HOLSTON RIVER			36 6.0	3550.0	4920.	50.	53.	68.	U 0.	U 0.
	DRN0129				83 37.9						T 65.22	T 178.7
COUNTY NAME: GREENE					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
LOWER NOLICHUCKY	TNU0026	NOLICHUCKY RIVER			36 10.2	1630.0	2150.	95.	115.	1361.	U 0.	U 0.
	DRN0130				83 10.1						T 55.01	T 174.7
BUCKINGHAM FERRY	TNU0039	NOLICHUCKY RIVER			36 8.7	1096.0	1710.	103.	105.	77.	U 0.	U 0.
	DRN0131				82 45.1						T 52.32	T 173.2
COUNTY NAME: GRUNDY					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
GRUNDY CO LAKE N D 2	TNU0116	LITTLE FIERY GIZ	R	STATE OF TEN	35 16.0	1.0	10.	26.	35.	0.	E 0.	E 0.
	DRN0132	ZARD CK		NESSEE	85 43.0						N .06	N .2
TNNONAME145	TNU0134	BIG FIERY GIZZAR	R	DR CHARLES L	35 15.8	1.0	10.	23.	31.	0.	E 0.	E 0.
	DRN0133	D CK		ITTELL	85 46.5						N .05	N .2

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: HAMILTON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
CHICKAMAUGA LAKE	TNU0075	TENNESSEE RIVER	NCHR	TVA	35 6,1	20790.0	36477.	76.	103.	739.	E 108.00	E 867.3
	ORN0134				85 13,7						N 507.38	N 1058.1
BOSTON BRANCH LAKE	TNU0106	BOSTON BRANCH	R	NEIL THOMAS	35 14,7	1.0	10.	32.	43.	1.	E 0.	E 0.
	ORN0135				85 16,5						N .07	N .2
COUNTY NAME: HARDIN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
PICKWICK LAKE	TNU0068	TENNESSEE RIVER	NCHR	TVA	35 4,3	38620.0	65672.	67.	91.	1105.	E 220.00	E 1363.2
	ORN0136				88 15,1						N 890.72	N 1738.6
COUNTY NAME: HAWKINS					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
SURGOINSVILLE	TNU0017	HOLSTON RIVER			36 28,3	2870.0	3560.	71.	72.	227.	U 0.	U 0.
	ORN0137				82 50,8						T 72.39	T 229.9
COUNTY NAME: HENDERSON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
PIN OAK LAKE	TNU0072	BROWNS CR	CRI	TVA	35 40,8	8.0	13.	24.	33.	13.	E 0.	E 0.
	ORN0138				88 16,8						N .08	N .2
BEECH LAKE	TNU0102	BEECH RIVER	CRS	TVA	35 39,6	16.0	26.	21.	28.	16.	E 0.	E 0.
	ORN0139				88 24,9						N .14	N .3
COUNTY NAME: HICKMAN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
TOTTY	TNU0015	DUCK RIVER			35 47,3	1820.0	2820.	96.	100.	720.	U 0.	U 0.
	ORN0140				87 23,2						T 77.77	T 160.0

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: JEFFERSON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
CHEROKEE LAKE	TNU00061	HOLSTON RIVER	CHNR	TVA	36 10.0	3429.0	5143.	124.	168.	1541.	E 120.00	E 535.0
	ORN0141				83 29.9						N 0.	N 0.
COUNTY NAME: JOHNSON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
HOPPER CREEK	TNU00030	ROAN CREEK			36 23.6	106.0	170.	150.	160.	0.	U 0.	U 0.
	ORN0142				81 54.4						T 5.79	T 17.7
COUNTY NAME: KNOX					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
RIVERDALE	TNU00019	FRENCH BROAD RIV			35 57.4	5100.0	7562.	50.	53.	172.	U 0.	U 0.
	ORN0143	ER			83 45.8						T 75.89	T 262.3
COUNTY NAME: LAKE					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
BESSIE CUT-OFF	TNU00004	MISSISSIPPI RIVE			36 25.0	923225.0	246789.	6.	6.	0.	U 0.	U 0.
	LMM0020	R			89 30.0						T 306.23	T 1061.6
COUNTY NAME: LAWRENCE					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LAUREL HILL LAKE	TNU00074	PETER CAVE CREEK	R	TN GAME FISH	35 21.1	8.0	13.	38.	52.	8.	E 0.	E 0.
	ORN0144			COMM	87 32.0						N .13	N .3
DAVID CROCKETT LAKE	TNU00111	CRAWFISH CK	R	STATE OF TEN	35 16.1	8.0	13.	23.	31.	1.	E 0.	E 0.
	ORN0145			NESSEE	87 21.5						N .07	N .2
VFW LAKE	TNU00133	WEAVER BR	R	TN GAME AND	35 21.4	1.0	61.	29.	39.	0.	E 0.	E 0.
	ORN0146			FISH COMM	87 29.1						N .46	N 1.1

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POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: LEWIS					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
TNNONAME351	TNU0139	SQUAW BR	R	DAN W MADDOX	35 25.5	3.0	184.	24.	33.	0. *E	0. *E	0.
	ORN0147				87 29.1					*N	1.00 *N	2.6
COUNTY NAME: LINCOLN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
KELSO	TNU0028	ELK RIVER			35 7.8	697.0	1190.	57.	70.	0. *U	0. *U	0.
	ORN0148				86 26.6					*T	11.86 *T	31.7
COUNTY NAME: LOUDON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
MELTON HILL LAKE	TNU0057	CLINCH RIVER	NHR	TVA	35 53.1	3343.0	5014.	72.	97.	126. *E	72.00 *E	264.5
	ORN0149				84 18.0					*N	0. *N	0.
FORT LOUDON LAKE	TNU0060	TENNESSEE RIVER	NCHR	TVA	35 47.5	9550.0	14118.	85.	115.	393. *E	135.60 *E	803.9
	ORN0150				84 14.6					*N	105.97 *N	31.0
COUNTY NAME: MARION					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
NICKAJACK LAKE	TNU0071	TENNESSEE RIVER	NCHO	TVA	35 .1	21870.0	38372.	50.	67.	252. *E	97.20 *E	668.4
	ORN0151				85 37.2					*N	323.89 *N	649.1
COUNTY NAME: MARSHALL					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LEWISBURG RESERV DIR	TNU0073	TURNER BRANCH	SR	CITY OF LEWI SBURG	35 24.2	1.0	61.	21.	28.	0. *E	0. *E	0.
	ORN0152				86 50.3					*N	.34 *N	.8
COUNTY NAME: MCMINN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
CHARLESTON	TNU0038	HIWASSEE RIVER			35 15.3	2189.0	4650.	50.	60.	238. *U	0. *U	0.
	ORN0153				84 44.0					*T	56.48 *T	128.9

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

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COUNTY NAME: MEIGS					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
WATTS BAR LAKE	TN00066	TENNESSEE RIVER	NCHR	TVA	35 37,2	17310.0	30372.	78.	105.	1175.	E 153.30	E 1061.8
	ORN0154				84 47,0						N 369.02	N 572.4
COUNTY NAME: MONTGOMERY					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
ROSSVIEW DAM	TN00012	RED RIVER	C	CORPS	36 33,2	955.0	1420.	77.	86.	372.	E 0.	E 0.
	ORN0155				87 12,4						N 23.24	N 55.9
COUNTY NAME: MORGAN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
NEMO	TN00022	OBED RIVER			36 5,8	517.0	950.	335.	335.	411.	U 0.	U 0.
	ORN0156				84 41,1						T 70.49	T 288.1
COUNTY NAME: PERRY					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
SINKING CREEK	TN00018	BUFFALO RIVER			35 31,2	449.0	710.	134.	155.	700.	U 0.	U 0.
	ORN0157				87 50,6						T 26.64	T 60.1
COUNTY NAME: POLK					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
TODD MOUNTAIN	TN00016	OCOEE RIVER			35 7,5	615.0	1260.	120.	126.	271.	U 0.	U 0.
	ORN0158				84 40,4						T 29.54	T 116.9
AUSTRAL	TN00041	HIWASSEE RIVER			35 13,4	1223.0	2620.	103.	140.	158.	U 0.	U 0.
	ORN0159				84 31,7						T 62.70	T 148.4
PARKSVILLE LAKE	TN00065	OCEE RIVER	HR	TVA	35 5,7	595.0	1422.	95.	129.	87.	E 18.00	E 65.0
	ORN0160				84 38,9						N 5.09	N 29.4
OCOEE NUMBER 3 LAKE	TN00061	OCOEE RIVER	HR	TVA	35 2,4	492.0	1123.	75.	102.	4.	E 27.00	E 238.5
	ORN0161				84 28,0						N 0.	N 0.

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POTENTIAL HYDROPOWER SITES

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PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: POLK					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
OCOEE NUMBER 2 LAKE	TN00062 ORN0162	OCOEE RIVER	H	TVA	35 5.0 84 29.5	512.0	1169.	13.	18.	0. 	21.00E 0.	45.5 0.
COUNTY NAME: PUTNAM					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
MONTEREY LAKE NO 1	TN00093 ORN0163	STAMPS HOLLOW CK	R	JE WALKER SR	36 6.7 85 13.5	1.0	10.	26.	35.	1. 	0. .06N	0. .2
COUNTY NAME: SCOTT					FERC POWER SUPPLY AREA 19		FERC REGIONAL OFFICE CODE AT					
DEVILS JUMPS DAM	TN00007 ORN0164	BIG SOUTH FORK	HR	CORPS	36 36.6 84 32.2	957.0	1756.	77.	464.	0. 	0. 43.32N	0. 78.2
HELENWOOD DAM	TN00011 ORN0165	BIG SOUTH FORK			36 26.4 84 38.6	705.0	1196.	77.	0.	0. 	0. 27.17T	0. 58.5
COUNTY NAME: SEVIER					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
DOUGLAS LAKE	TN00067 ORN0166	FRENCH BROAD RIVER	HNCR	TVA	35 57.7 83 32.3	4541.0	6713.	144.	195.	1475. 	115.00E 79.77N	522.8 150.3
COUNTY NAME: SMITH					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
CORDELL HULL	TN00042 ORN0167	CUMBERLAND	HNCR	DAEN ORN	36 17.4 85 56.7	8095.0	13389.	61.	83.	311. 	100.00E 126.05N	398.2 165.7
COUNTY NAME: SULLIVAN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
MORRILL SPRING	TN00025 ORN0168	SOUTH FORK HOLST ON RIVER			36 28.0 82 14.2	786.0	1100.	94.	96.	80. 	0. 27.56T	0. 85.5

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: SULLIVAN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
BOONE LAKE	TN00062	SOUTH FORK HOLST	CHNR	TVA	36 26.4	1840.0	3049.	113.	153.	193.*E	75.00*E	258.8
	ORN0169	ON RIVER			82 26.5					*N	0. *N	0.
SOUTH HOLSTON LAKE	TN00064	SOUTH FORK HOLST	CHNR	TVA	36 31.3	703.0	1199.	194.	262.	764.*E	35.00*E	208.8
	ORN0170	ON RIVER			82 5.3					*N	0. *N	0.
FORT PATRICK HENRY LAKE	TN00098	SOUTH FORK HOLST	HR	TVA	36 29.9	1903.0	3153.	65.	88.	27.*E	36.00*E	156.4
	ORN0171	ON RIVER			82 30.5					*N	0. *N	0.
COUNTY NAME: TIPTON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
LOCK AND DAM NO. 3	TN00005	MISSISSIPPI RIVE			35 27.5	951000.0	473410.	30.	30.	0.*U	0. *U	0.
	LMM0021	R			90 0.					*T	2643.69*T	10283.
COUNTY NAME: VANBUREN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
FALL CREEK FALLS LAKE	TN00052	FALL CR	R	FALLS CR FAL	35 39.7	7.0	16.	46.	62.	7.*E	0. *E	0.
	ORN0172			LS ST. PK	85 21.6					*N	.14*N	.5
COUNTY NAME: WARREN					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
GREAT FALLS LAKE	TN00049	CANEY FORK	HR	TVA	35 48.4	1677.0	3323.	59.	80.	51.*E	31.90*E	175.9
	ORN0173				85 37.9					*N	0. *N	0.
COUNTY NAME: WASHINGTON					FERC POWER SUPPLY AREA 20		FERC REGIONAL OFFICE CODE AT					
INDIAN BEND	TN00029	WATAUGA RIVER			36 23.4	800.0	1220.	65.	1000.	0.*U	0. *U	0.
	ORN0174				82 19.0					*T	24.10*T	79.8
ERWIN	TN00033	NOLICHUCKY RIVER			36 11.2	851.0	1390.	170.	150.	366.*U	0. *U	0.
	ORN0175				82 31.7					*T	67.05*T	222.0

LEGEND

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

PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF TENNESSEE

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: WAYNE					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
TNNONAME80	TNU0101	WEATHERFORD CK	R	STATE OF TEN	35 5,9	10,0	16,*	38,*	52,*	1,*E	0, *E	0,
	ORN0176			NESSEE	87 52,5					*N	,16*N	,4
TNNONAME81	TNU0104	BEAR CK	R	STATE OF TEN	35 8,8	6,0	9,*	35,*	47,*	1,*E	0, *E	0,
	ORN0177			NESSEE	87 52,6					*N	,07*N	,2
COUNTY NAME: WHITE					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
WHEATS CURVE LAKE	TNU0046	CALFKILLER RIVER	R	ED KNOWLES	35 54,7	175,0	315,*	18,*	25,*	0,*E	0, *E	0,
	ORN0178				85 28,6					*N	1,16*N	3,2
COUNTY NAME: WILLIAMSON					FERC POWER SUPPLY AREA 20			FERC REGIONAL OFFICE CODE AT				
UDPTN90000	TNU0009	HARPETH RIVER			35 52,4	142,0	217,*	77,*	0,*	0,*U	0, *U	0,
	ORN0179				86 46,6					*T	3,18*T	9,1

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STATE OF VIRGINIA

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

HEAD INTERVAL	CUTMW DATA	.05 MW - 15 MW EXIST INST 1 CAP	.05 MW - 15 MW EXIST INCR 2 CAP	.05 MW - 15 MW UNDEV POTEN 3 CAP	.05 MW - 15 MW TOTAL INCR 4 CAP	15 MW - 25 MW EXIST INST 1 CAP	15 MW - 25 MW EXIST INCR 2 CAP	15 MW - 25 MW UNDEV POTEN 3 CAP	15 MW - 25 MW TOTAL INCR 4 CAP	GREATER THAN 25 MW EXIST INST 1 CAP	GREATER THAN 25 MW EXIST INCR 2 CAP	GREATER THAN 25 MW UNDEV POTEN 3 CAP	GREATER THAN 25 MW TOTAL INCR 4 CAP	TOTAL EXIST INST 1 CAP	TOTAL EXIST INCR 2 CAP	TOTAL UNDEV POTEN 3 CAP	TOTAL INCR 4 CAP
0-19	NUMBER	5	14	4	18	0	1	3	4	0	1	0	1	5	16	7	23
	CAPCTY	6.3	34.0	16.7	52.6	0.0	15.2	61.1	76.4	0.0	31.5	0.0	31.5	6.3	80.9	79.9	161
	ENERGY	32.3	120	65.6	186	0.0	31.1	154	185	0.0	77.3	0.0	77.3	32.3	229	219	448
20-49	NUMBER	5	44	24	68	0	4	2	6	0	4	12	16	5	52	38	90
	CAPCTY	21.6	32.1	65.0	97.1	0.0	81.3	36.2	118	0.0	148	528	675	21.6	261	629	890
	ENERGY	39.3	105	193	298	0.0	241	85.0	326	0.0	371	1296	1667	39.3	717	1574	2291
50-99	NUMBER	0	10	40	50	0	0	1	1	2	1	6	7	2	11	47	58
	CAPCTY	0.0	23.9	167	191	0.0	0.0	18.7	18.7	244	26.6	535	562	244	50.5	721	771
	ENERGY	0.0	84.7	533	618	0.0	0.0	45.4	45.4	462	86.4	1321	1407	462	171	1900	2071
>100	NUMBER	4	3	15	18	0	2	3	5	2	1	5	6	6	6	23	29
	CAPCTY	24.8	3.6	97.3	101	0.0	40.0	57.2	97.3	369	59.8	193	253	416	104	347	451
	ENERGY	57.0	7.8	302	309	0.0	77.0	134	211	70.1	166	421	587	127	251	857	1107
TOTAL	NUMBER	14	71	83	154	0	7	9	16	4	7	23	30	18	85	115	200
	CAPCTY	52.8	93.6	348	442	0.0	137	173	310	653	266	1256	1521	686	496	1777	2273
	ENERGY	129	316	1094	1412	0.0	349	419	768	532	701	3037	3738	661	1366	4550	5918

POTENTIAL INCREMENTAL CAPACITY RANGES

LEGEND

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

PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ALBERMARLE					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
HATTON	VA00064	JAMES RIVER	H		37 45,3	4503.0	5004.	21.	0.	0.	U 0.	U 0.
	NA00001				78 31,1						T 27.36	T 70.1
TOOTERS CREEK	VA00056	TOOTERS CREEK	H		37 44,8	27.0	29.	30.	51.	30.	U 0.	U 0.
	NA00002				78 31,0						T .21	T .5
ADVANCED MILLS	VA00061	RIVANNA RIVER	HC		38 10,7	109.0	117.	47.	65.	76.	U 0.	U 0.
	NA00003				78 26,4						T 1.31	T 3.4
RIO MILLS	VA00062	RIVANNA RIVER	H		38 6,0	263.0	281.	40.	0.	0.	U 0.	U 0.
	NA00004				78 28,3						T 2.32	T 6.6
BEAVER CREEK NO. 1	VA00301	BEAVER CREEK	CSR	ALBEMARLE COUNTY	38 4,2	10.0	14.	43.	58.	4.	E 0.	E 0.
	NA00005				78 39,1						N .15	N .4
SOUTH RIVANNA DAM	VA00302	SOUTH FORK RIVANNA RIVER	S	CITY OF CHARLOTTESVILLE	38 6,0	263.0	281.	48.	65.	18.	E 0.	E 0.
	NA00006				78 28,0						N 2.72	N 7.9
SUGAR HOLLOW DAM	VA00303	MOORMANS RIVER	SR	CITY OF CHARLOTTESVILLE	38 8,2	18.0	26.	49.	66.	11.	E 0.	E 0.
	NA00007				78 44,3						N .40	N .8
COUNTY NAME: ALLEGHANEY					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
KING DAM	VA00033	JACKSON RIVER	H		37 46,8	812.0	958.	54.	0.	0.	U 0.	U 0.
	NA00009				79 55,7						T 8.97	T 29.4
GRIFFITH DAM	VA00034	COWPASTURE RIVER	CH		37 52,6	376.0	425.	140.	190.	545.	U 0.	U 0.
	NA00010				79 44,8						T 17.42	T 37.4
HAYS	VA00082	POTTS CREEK	H		37 44,5	163.0	188.	75.	118.	65.	U 0.	U 0.
	NA00011				80 1,8						T 2.99	T 8.0
STACKMINE	VA00084	DUNLAP CREEK	H		37 45,3	103.0	103.	85.	128.	56.	U 0.	U 0.
	NA00012				80 6,0						T 2.57	T 6.2

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: ALLEGHANEY					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE AT				
CALLAGHAN	VA00085	OGLE CREEK	HC		37 48,4	44,0	44,	83,	115,	22,U	0, U	0,
	NA00013				80 3,9					T	1,14T	2,2
OGLE	VA00046	OGLE CREEK	H		37 49,0	34,0	34,	78,	112,	16,U	0, U	0,
	NA00014				80 5,8					T	,83T	1,6
FALLING SPRINGS	VA00115	FALLING SPR CR	H	BANC	37 52,1	10,0	12,	535,	0,	0,E	,42E	1,4
	NA00015				79 56,8					N	,96N	1,7
GATHRIGHT DAM	VA00501	JACKSON RIVER	HC	DAEN-NAO	37 57,3	344,0	180,	169,	228,	426,E	0, E	0,
	NA00016				79 57,3					N	23,81N	47,0
COUNTY NAME: AMELIA					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE AT				
GENITO DAM	VA00037	APPOMATTOX RIVER	CH		37 27,5	716,0	712,	77,	104,	790,U	0, U	0,
	NA00017				77 52,2					T	13,30T	32,2
COUNTY NAME: AMHERST					FERC POWER SUPPLY AREA 10			FERC REGIONAL OFFICE CODE AT				
KELLY	VA00045	JAMES RIVER	H		37 24,0	3425,0	3883,	11,	0,	0,U	0, U	0,
	NA00018				79 5,4					T	4,75T	22,2
WALKER FORD	VA00046	JAMES RIVER	H		37 30,3	3607,0	4089,	23,	0,	0,U	0, U	0,
	NA00019				78 54,6					T	25,43T	62,6
ALLENS CREEK	VA00047	JAMES RIVER	H		37 32,1	3649,0	4137,	13,	0,	0,U	0, U	0,
	NA00020				78 52,7					T	9,09T	31,8
PEDLAR MILLS	VA00059	PEDLAR RIVER	HC		37 32,4	101,0	114,	60,	92,	34,U	0, U	0,
	NA00021				79 15,6					T	1,13T	4,0
CLIFFORD	VA00060	BUFFALO RIVER	H		37 38,6	72,0	81,	41,	66,	26,U	0, U	0,
	NA00022				79 4,9					T	,60T	2,0

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: AMHERST					FERC POWER SUPPLY AREA 10			FERC REGIONAL OFFICE CODE AT				
TYE RIVER DEPOT	VA00067	TYE RIVER	H		37 39,8	177,0	294,	79,	114,	73,	U 0,	U 0,
	NA00023				78 57,8						T 3,60	T 13,5
CUSHAW DAM	VA00901	JAMES RIVER	H	VEPCO	37 35,5	3060,0	3333,	27,	25,	2,	E 0,	E 0,
	NA00024				79 23,0						N 25,60	N 60,1
BIG ISLAND	VA00902	JAMES RIVER	HN	BEDFORD PULP	37 32,2	3100,0	3376,	15,	14,	1,	E 0,	E 0,
	NA00025			& PAPER CO,	79 21,5						N 8,45	N 29,4
REUSENS	VA00904	JAMES RIVER	H	APP PWR	37 27,8	3264,0	3555,	32,	39,	5,	E 12,50	E ,0
	NA00026				79 11,2						N 19,96	N 75,9
COUNTY NAME: APPOMATTOX					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE AT				
HOLIDAY DAM	VA01101	HOLIDAY CREEK	R	VA, DIVISION	37 24,0	14,0	13,	20,	23,	2,	E 0,	E 0,
	NA00027			OF PARKS	78 38,0						N ,06	N ,1
COUNTY NAME: AUGUSTA					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE NY				
STAUNTON	VA00002	S FORK SHENANDOA	RDS		38 11,0	325,0	275,	71,	92,	143,	U 0,	U 0,
	NA00163	H			78 55,0						T 3,68	T 11,4
COUNTY NAME: BATH					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE AT				
MCCLUNG	VA00081	COWPASTURE RIVER	H		38 0,	218,0	246,	93,	120,	56,	U 0,	U 0,
	NA00028				77 40,0						T 4,44	T 12,8
WILLIAMSVILLE NO 1	VA00063	BULLPASTURE RIVE	HC		38 12,2	108,0	139,	167,	210,	37,	U 0,	U 0,
	NA00029	R			79 34,5						T 4,43	T 13,6
SHANKLIN	VA00087	JACKSON RIVER	H		38 0,	296,0	398,	63,	67,	0,	U 0,	U 0,
	NA00030				79 54,1						T 4,44	T 12,8

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **BATH**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
DOUTHAT DAM	VA01701	WILSON CREEK	R	VA DIV OF PA	37 53.0	17.0	20.	36.	42.	1.	E 0.	E 0.
	NA00031			RKS	79 48.0						N .16	N .4
COUNTY NAME: **BEDFORD**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
HOLCOMBS ROCK	VA00109	JAMES RIVER	H	OWENILL	37 30.6	3250.0	3550.	17.	0.	0.	E 1.88	E 9.0
	NA00032				79 15.9						N 15.30	N 31.2
SNOWDEN	VA00120	JAMES RIVER	H	BEDFORD	37 34.6	3070.0	3344.	18.	0.	0.	E 1.30	E 7.0
	NA00033				79 22.5						N 4.89	N 22.7
SMITH MOUNTAIN	VA01902	ROANOKE RIVER	HPC	APPALACHIAN	37 2.5	1020.0	1201.	195.	207.	1520.	E 300.20	E 70.0
	SAH0092			POWER CO	79 32.2						N 0.	N 0.
COUNTY NAME: **BLAND**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
UDP	VA00144	KIMBERLING CREEK	CH		37 10.0	96.0	144.	260.	270.	0.	U 0.	U 0.
	ORH0060				80 54.0						T 6.44	T 19.6
UDP	VA00151	LITTLE WALKER CR	H		37 6.0	46.0	69.	175.	190.	0.	U 0.	U 0.
	ORH0061	EEK			80 52.0						T 2.47	T 9.2
COUNTY NAME: **BOTETOURT**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
EAGLE ROCK DAM	VA00038	JAMES RIVER	HC		37 38.5	1830.0	2123.	121.	164.	625.	U 0.	U 0.
	NA00034				79 48.3						T 74.11	T 163.7
STONE HOUSE	VA00070	CATAWBA CREEK	HC		37 35.7	114.0	131.	44.	69.	75.	U 0.	U 0.
	NA00035				79 47.9						T 1.43	T 3.4
ROCKY POINT	VA00072	JAMES RIVER	H		37 34.8	2140.0	2541.	20.	0.	0.	U 0.	U 0.
	NA00036				79 34.5						T 8.31	T 27.9

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **BOTETOURT**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
LYLE	VA00112	JAMES RIVER	H		37 35.2	1980.0	2351.	44.	46.	6. U	0. U	0.
	NA00037				79 44.3					T	29.21 T	65.5
HIPES	VA00122	CRAIG CREEK	CR		37 38.5	327.0	379.	125.	164.	305. U	0. U	0.
	NA00038				79 55.1					T	13.74 T	29.1
COUNTY NAME: **BRUNSWICK**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
WESTERN BRIDGE	VA00107	MEHERRIN RIVER	H		36 42.8	668.0	607.	28.	51.	26. U	0. U	0.
	NA00039				77 45.0					T	3.29 T	8.9
COUNTY NAME: **BUCHANAN**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
DISMAL CREEK RESERVOIR	VA00142	DISMAL CREEK	HC		37 27.0	74.0	111.	90.	178.	34. U	0. U	0.
	OR00062				81 56.0					T	2.29 T	4.4
COUNTY NAME: **BUCKINGHAM**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
SLATE RIVER NO 1	VA00036	SLATE RIVER	CH		37 42.8	237.0	229.	140.	190.	350. U	0. U	0.
	NA00040				78 21.6					T	5.36 T	17.4
ARVONIA	VA00053	SLATE RIVER	H		37 42.2	231.0	229.	62.	80.	0. U	0. U	0.
	NA00041				78 23.4					T	2.87 T	7.9
SLATE RIVER	VA00054	SLATE RIVER	HC		37 35.6	158.0	160.	52.	77.	120. U	0. U	0.
	NA00042				78 31.9					T	1.90 T	4.7
ROCK HOUSE	VA00118	JAMES RIVER	H		37 44.4	4480.0	4977.	27.	0.	0. U	0. U	0.
	NA00043				78 38.3					T	35.00 T	89.7
WILLIS RIVER NO. 2	VA02907	LITTLE WILLIS RI	C	FRANK JOHNS	37 24.0	16.0	15.	27.	36.	3. E	0. E	0.
	NA00044	VER		ESTATE	78 25.3					N	.09 N	.2

LEGEND

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CAMPBELL					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE AT				
JOSHUA FALLS	VA00117	JAMES RIVER	H		37 25.1	3420.0	3877.	37.	44.	9.	U 0.	U 0.
	NA00045				79 3.5						T 38.78	T 95.5
LITTLE FALLING R IVER NO-1	VA03101	LITTLE FALLING R IVER	C	G FOSTER REY NOLDS	37 12.5	14.0	14.	28.	38.	2.	E 0.	E 0.
	SA00093				79 51.7						N .12	N .2
MELROSE	VA15720	ROANOKE RIVER	HC	DAEN SAW	37 0.	2389.0	2389.	106.	106.	0.	E 0.	E 0.
	SA00094				79 3.3						N 59.81	N 165.9
TABER	VA15730	ROANOKE RIVER	HC	DAEN SAW	37 0.	2249.0	2160.	37.	53.	34.	E 0.	E 0.
	SA00095				79 12.3						N 19.65	N 54.5
COUNTY NAME: CAROLINE					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE AT				
ROCK FALLS	VA00125	NORTH ANNA	H		36 53.8	436.0	382.	74.	74.	0.	U 0.	U 0.
	NA00046				77 29.6						T 4.74	T 14.8
DILLARDS MILL	VA00126	NORTH ANNA	HC		37 56.2	427.0	374.	50.	70.	0.	U 0.	U 0.
	NA00047				77 33.7						T 3.46	T 10.0
BYRDS MILL DAM	VA03319	BEVERLYS RUN	R	CAMP EASTER SEAL	37 58.2	17.0	17.	22.	30.	1.	E 0.	E 0.
	NA00048				77 8.5						N .09	N .2
COUNTY NAME: CARROLL					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE NY				
UDP	VA00148	BIG REED ISLAND CREEK	HC		36 54.0	260.0	369.	245.	270.	0.	U 0.	U 0.
	ORH0063				80 42.0						T 17.29	T 44.9
UDP	VA00149	LITTLE REED ISLA ND CREEK	CH		36 51.0	60.0	90.	205.	220.	0.	U 0.	U 0.
	ORH0064				80 47.0						T 3.78	T 14.0

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

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

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

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

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: FAIRFAX					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
BURKE LAKE	VA05902	SOUTH RUN	R	VA COMM GAME	38 45.3	10.0	10.	34.	40.	4.	E 0.	E 0.
	NAB0151			AND IN FISH	77 17.8						N .09	N .2
COUNTY NAME: FAUQUIER					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
FAUQUIER SPRINGS	VA00095	RAPPAHANNOCK RIV	HC		38 36.8	238.0	234.	89.	115.	214.	U 0.	U 0.
	NA00064	ER			77 51.7						T 3.96	T 12.7
COUNTY NAME: FLUVANNA					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT					
SHORES	VA00051	JAMES RIVER	HC		37 43.9	4741.0	5263.	14.	0.	0.	U 0.	U 0.
	NA00068				78 22.4						T 19.21	T 49.2
HARDWARE	VA00055	HARDWARE RIVER	HC		37 47.3	115.0	126.	39.	62.	41.	U 0.	U 0.
	NA00069				78 24.2						T .85	T 2.9
PALMYRA	VA00079	PIVANNA RIVER	H		37 54.9	641.0	686.	47.	62.	84.	U 0.	U 0.
	NA00070				78 17.9						T 5.20	T 17.9
BREMO BLUFF	VA00080	JAMES RIVER	H		37 42.6	5010.0	5634.	20.	21.	8.	U 0.	U 0.
	NA00071				78 18.1						T 28.44	T 72.2
MONTICELLO DAM	VA06501	ROSTCN CREEK	R	MONTICELLO D	37 55.2	9.0	9.	58.	70.	10.	E 0.	E 0.
	NA00072			EVELOP. CORP	78 18.0						N .16	N .3
COUNTY NAME: FREDERICK					FERC POWER SUPPLY AREA 7		FERC REGIONAL OFFICE CODE NY					
WINCHESTER	VA00004	OPEQUON CREEK	RDS		39 10.0	121.0	77.	55.	75.	77.	U 0.	U 0.
	NA00164				78 7.0						T 1.51	T 2.9

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **GILES**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
PEARLSBURG LAKE	VA00143	WALKER LAKE	CRO		37 27.0	303.0	321.	198.	216.	275.	U 0.	U 0.
	DRH0067				80 45.0						T 22.57	T 52.1
UDP	VA00150	WALKER CREEK	CH		37 17.0	303.0	293.	260.	270.	0.	U 0.	U 0.
	DRH0068				80 42.0						T 29.64	T 68.4
UDP	VA00152	WOLF CREEK	HC		37 15.0	190.0	251.	295.	310.	0.	U 0.	U 0.
	DRH0069				80 20.1						T 14.13	T 45.2
COUNTY NAME: **GOOCHLAND**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
DOGTOWN DAM	VA00064	LICKINGHOLE CREE	HC		37 42.0	70.0	67.	40.	59.	35.	U 0.	U 0.
	NA00073	K			77 57.6						T .77	T 1.7
ELK HILL	VA00065	BYRD CREEK	HC		37 44.6	111.0	112.	31.	45.	56.	U 0.	U 0.
	NA00074				78 6.2						T .87	T 2.0
PEMBERTON	VA00121	JAMES RIVER	HC		37 40.2	6240.0	7017.	88.	0.	3130.	U 0.	U 0.
	NA00075				78 6.1						T 155.84	T 395.8
COUNTY NAME: **GREENE**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
ROCK HILL	VA00092	RAPIDAN RIVER	H		38 16.8	113.0	144.	98.	112.	105.	U 0.	U 0.
	NA00076				78 20.4						T 3.02	T 9.2
COUNTY NAME: **GREENSVILLE**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
RADIUM	VA00103	MEHERRIN RIVER	CRH		36 42.5	738.0	656.	57.	75.	260.	U 0.	U 0.
	NA00077				77 37.5						T 5.94	T 19.6
EMPORIA DAM	VA08101	MEHERRIN RIVER	SH	CITY OF EMPO	36 41.8	743.0	661.	37.	50.	10.	E 0.	E 0.
	NA00078			RIA	77 33.5						N 4.25	N 13.1

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POTENTIAL HYDROPOWER SITES

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COUNTY NAME: **HALIFAX**					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE					
HALIFAX DAM	VA08301	BANISTER RIVER	S	TOWN OF HALI	36 47.0	508.0	508.	23.	31.	6.	E 0.	E 0.
	SAW0098			FAX, VA	78 55.5						N 1.83	N 6.3
JOHN H KERR	VA11701	ROANOKE RIVER	HCR	DAEN-SAW	36 35.9	7800.0	7749.	90.	138.	3294.	E 204.00	E 420.0
	SAW0100				78 16.1						N 0.	N 0.
COUNTY NAME: **HANOVER**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
GOODALL	VAU0124	SOUTH ANNA	CH		37 48.2	384.0	353.	75.	90.	74.	U 0.	U 0.
	NA00080				77 34.6						T 4.89	T 14.7
BLUNTS BRIDGE	VAU0127	SOUTH ANNA	H		37 48.2	406.0	373.	35.	0.	0.	U 0.	U 0.
	NA00081				77 30.5						T 2.89	T 7.6
COUNTY NAME: **HENRICO**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
RICHMOND	VAU0076	JAMES RIVER	H		37 33.6	6780.0	7787.	72.	0.	0.	U 0.	U 0.
	NA00083				77 34.6						T 125.28	T 306.7
BOSHER	VA08701	JAMES RIVER	SH	C+O RAILWAY	37 33.6	6750.0	7454.	30.	10.	111.	E 0.	E 0.
	NA00084			CO	77 34.6						N 51.97	N 127.2
COUNTY NAME: **HENRY**					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
PHILPOTT	VA08901	SMITH RIVER	HCR	DAEN-SAW	36 46.8	212.0	286.	152.	218.	322.	E 14.00	E 24.0
	SA00101				80 1.7						N 0.	N 0.
LEATHERWOOD CREEK	VA06902	LEATHERWOOD CREEK	C	COLEMAN LAWR	36 44.0	12.0	12.	35.	48.	2.	E 0.	E 0.
	SA00102	K		ENCE	79 43.3						N .08	N .2
MARROWBONE CREEK NO-1	VA08908	MARROWBONE CREEK	C	WILLIAM CLAN	36 34.4	11.0	11.	30.	41.	2.	E 0.	E 0.
	SA00103			TON	79 54.0						N .07	N .3

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: HENRY						FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT				
MARTINSVILLE	VA15550	SMITH RIVER	H	CITY OF MART	36 36.0	374.0	444.	32.	32.	0.*E	0. *E	0.
	NA00104			INSVILLE	79 53.0					*N	2.06*N	9.0
COUNTY NAME: LOUDOUN						FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY				
GOOSE CR DAM	VA10703	GOOSE CREEK	S	CITY OF FAIR	39 2.9	358.0	300.	28.	38.	3.*E	0. *E	0.
	NA00152			FAX	77 31.6							
PRECISION DYNAMI	VA10710	NORTH FORK GOOSE	R	PRECISION DY	39 7.2	10.0	10.	35.	48.	3.*E	0. *E	0.
C NO 1	NA00153	CR		NAMICS	77 45.3					*N	.09*N	.2
COUNTY NAME: LOUISA						FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT				
LOUISA DAM	VA10903	HICKORY CREEK	R	BLUE RIDGE S	38 7.0	16.0	14.	21.	25.	3.*E	0. *E	0.
	NA00085			HORES,INC	78 .7					*N	.08*N	.2
GORDONSVILLE DAM	VA10923	SOUTH FORK SOUTH	SC	TOWN OF GORD	38 5.2	15.0	15.	24.	33.	2.*E	0. *E	0.
	NA00086	ANNA RIVER		ONSVILLE	78 12.0					*N	.11*N	.2
COUNTY NAME: LUNENBERG						FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT				
MEREDITH	VA00106	MEHERRIN	HC		36 47.0	470.0	406.	27.	53.	23.*U	0. *U	0.
	NA00089				78 2.6					*T	2.51*T	6.3
COUNTY NAME: LYNCHBURG						FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT				
LYNCHBURG WATER	VA68001	JAMES RIVER	H	APPALACHIAN	37 25.5	3320.0	3616.	11.	20.	2.*E	0. *E	0.
WORKS DAM	NA00090			POWER CO	79 8.5					*N	4.42*N	20.3

LEGEND

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

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

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

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: **NELSON**				FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT						
SCHUYLER NO 1 2	VA00111	ROCKFISH RIVER	H	GA MARB	37 47,2	196.0	290.	30.	0.	0.*E	.78*E	1.4
	NA00134				78 42.0					*N	1.08*N	3.9
COUNTY NAME: **NEW KENT**				FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT						
DIASCUND DAM	VA12703	DIASCUND CREEK	SR	CITY OF NEWP	37 26,1	45.0	46.	19.	25.	11.*E	0. *E	0.
	NA00094			ORT NEWS	76 52,7					*N	.24*N	.6
COUNTY NAME: **NOTTOWAY**				FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT						
NOTTOWAY RIVER D AM	VA13501	NOTTOWAY RIVER	S	DOD USA	36 59,3	312.0	302.	12.	16.	3.*E	0. *E	0.
	NA00095				77 57,9					*N	.56*N	1.9
COUNTY NAME: **ORANGE**				FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT						
MADISON MILLS	VA00101	RAPIDAN RIVER	H		38 16,6	233.0	255.	55.	0.	0.*U	0. *U	0.
	NA00098				78 8,6					*T	2.77*T	8.6
LAKE OF THE WOOD S DAM	VA13701	FLAT RUN	R	LAKE OF THE WOODS,INC.	38 21,2	7.0	8.	42.	57.	20.*E	0. *E	0.
	NA00099				77 45,2					*N	.08*N	.1
COUNTY NAME: **PAGE**				FERC POWER SUPPLY AREA 7		FERC REGIONAL OFFICE CODE NY						
SHENANDOAH	VA13903	S FK SHENANDOAH	H	POTOMAC EDIS ON CO OF VA	38 28,8	1250.0	1200.	14.	16.	0.*E	.86*E	4.8
	NA50154				78 37,6					*N	2.22*N	4.6
NEWPORT	VA13904	S FK SHENANDOAH	H	POTOMAC EDIS ON CO OF VA	38 34,1	1300.0	1250.	30.	35.	0.*E	1.40*E	7.8
	NA00155				78 35,6					*N	3.26*N	12.7
LURAY	VA13905	S FK SHENANDOAH	H	POTOMAC EDIS ON CO OF VA	38 40,7	1377.0	1300.	16.	19.	0.*E	1.60*E	7.4
	NA00156				78 30,0					*N	2.20*N	5.6

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ 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: **PITTSYLVANIA**					FERC POWER SUPPLY AREA 10			FERC REGIONAL OFFICE CODE 15				
CHERRYSTONE NO-1	VA14302	CHERRYSTONE CREE	C3		36 51,0	15,0	15,*	32,*	43,*	5,*E	0, *E	0,
	SAW0111	K			79 26,0	*	*	*	*	*N	,09*N	,3
RIVERSIDE	VA14307	DAN RIVER	H	DAN RIVER MI	36 35,4	2049,0	2049,*	20,*	21,*	0,*E	0, *E	0,
	SAW0112			LLS	79 23,8	*	*	*	*	*N	5,97*N	27,1
SCHOOLFIELD	VA14308	DAN RIVER	O	DAN RIVER MI	39 25,8	1904,0	2138,*	21,*	28,*	5,*E	4,55*E	17,1
	SAW0113			LLS INC	76 34,7	*	*	*	*	*N	22,60*N	70,2
SCHOOLFIELD	VA15510	DAN RIVER	HC	DAEN SAW	36 32,0	1890,0	2072,*	64,*	86,*	145,*E	0, *E	0,
	SAW0114				79 30,3	*	*	*	*	*N	26,68*N	86,4
COUNTY NAME: **POWHATAN**					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE AT				
BOSCOBEL	VAU0042	JAMES RIVER	H		37 36,2	6610,0	7300,*	13,*	0,*	0,*U	0, *U	0,
	NA00100				77 44,7	*	*	*	*	*T	22,05*T	54,0
BENLOMOND	VAU0043	JAMES RIVER	H		37 38,9	6387,0	7182,*	11,*	0,*	0,*U	0, *U	0,
	NA00101				77 57,0	*	*	*	*	*T	19,94*T	50,6
ROCK CASTLE	VAU0063	DEEP CREEK	H		37 37,2	78,0	69,*	36,*	58,*	76,*U	0, *U	0,
	NA00102				77 57,9	*	*	*	*	*T	,62*T	1,5
COUNTY NAME: **PRINCE EDWARD**					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE AT				
BUFFALO CREEK NO-4	VA14703	SPRING CREEK	C	GEORGE SHORT	37 12,9	15,0	14,*	30,*	40,*	3,*E	0, *E	0,
	NA00104			ER	78 37,0	*	*	*	*	*N	,10*N	,3
COUNTY NAME: **PRINCE WILLIAM**					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE NY				
BROAD RUN DAM	VA15302	BROAD RUN	S	MANASSAS	38 45,8	60,0	60,*	44,*	60,*	25,*E	0, *E	0,
	NA00157				77 37,3	*	*	*	*	*N	,70*N	1,6

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COUNTY NAME: PRINCE WILLIAM					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE NY				
OCCOQUAN MAIN DA	VA15304	OCCOQUAN RIVER	S	FAIRFAX WATE	38 41.7	594.0	594.	67.	90.	178.	E 0.	E 0.
M	NA80158			R AUTHORITY	77 16.6						N 6.06	N 19.4
LAKE JACKSON DAM	VA15306	OCCOQUAN RIVER	RH	PRINCE WILLI	38 42.3	343.0	340.	22.	30.	5.	E 0.	E 0.
	NA80159			AM CO	77 26.8						N 1.63	N 5.3
COUNTY NAME: RICHMOND					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE AT				
PARK ST	VA00119	JAMES RIVER	O	RETIRED	37 32.0	6840.0	7463.	46.	0.	0.	U 0.	U 0.
	NA00107				77 27.3						T 80.75	T 197.7
BYRD PARK S/	VA76001	KANAWHA CANAL	H	CITY OF RICH	37 32.4	6840.0	7554.	20.	14.	0.	E 0.	E 0.
	NA80108			MOND	77 29.5						N 35.11	N 86.0
HOLLYWOOD S/	VA76003	TR-JAMES RIVER	H	CITY OF RICH	37 32.0	6840.0	7554.	18.	16.	0.	E 0.	E 0.
	NA00109			MOND	77 27.5						N 31.60	N 77.4
COUNTY NAME: ROANOKE					FERC POWER SUPPLY AREA 10			FERC REGIONAL OFFICE CODE				
CARVINS COVE DAM	VA02301	CARVINS CREEK	S	CITY OF ROAN	37 28.0	18.0	18.	62.	75.	20.	E 0.	E 0.
	SA00115			OKE	79 57.5						N .27	N .7
NIAGARA	VA16101	ROANOKE RIVER	HR	APP POWER	37 12.0	512.0	499.	44.	52.	2.	E 2.40	E 13.0
	SA00116				79 52.5						N 0.	N 0.
COUNTY NAME: ROCKBRIDGE					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE AT				
WHITE SAL	VA00057	CALFPASTURE RIVE	H		38 0.	138.0	151.	34.	62.	17.	U 0.	U 0.
	NA00113	R			79 29.3						T 1.36	T 2.9
ROCK BRIDGE BATH	VA00058	HAYS CREEK	H		37 54.2	82.0	91.	54.	84.	15.	U 0.	U 0.
S	NA00114				79 23.7						T 1.43	T 2.9

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COUNTY NAME: ROCKBRIDGE					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE AT					
MURAT	VA00069	BUFFALO CREEK	HC		37 45.0	80.0	80.	81.	117.	13.U	0. U	0.
	NA00115				79 32.8					T	1.64T	3.8
VARNEY FALLS	VA00073	JAMES RIVER	H		37 35.3	2150.0	2553.	27.	18.	4.U	0. U	0.
	NA00116				79 34.5					T	19.46T	43.7
MAURY	VA00114	MAURY RIVER	HC		37 56.6	322.0	356.	263.	298.	347.U	0. U	0.
	NA00119				79 27.5					T	30.15T	58.0
GOSHEN DAM	VA16301	LITTLE CALF PAST	R	BOY SCOUTS O	37 58.5	83.0	92.	26.	33.	5.E	0. E	0.
	NA00120	URE RIVER		F AMERICA	79 27.1					N	.77N	1.5
BALCONY FALLS 5/	VA16302	JAMES RIVER	H	RETIRED	37 37.0	2930.0	3192.	15.	18.	0.E	0. E	0.
	NA00121				79 26.5					N	8.02N	28.2
COUNTY NAME: ROCKINGHAM					FERC POWER SUPPLY AREA 18		FERC REGIONAL OFFICE CODE NY					
BROCKS GAP	VA00003	N FORK SHENANDOA	RD		38 38.0	214.0	185.	87.	118.	187.U	0. U	0.
	NA00165	H			78 55.0					T	3.46T	7.9
STUART	VA15540	SMITH RIVER	HCR	DAEN SAW	36 32.0	534.0	603.	87.	118.	140.E	0. E	0.
	SAN0117				79 46.0					N	7.09N	32.7
COUNTY NAME: RUSSELL					FERC POWER SUPPLY AREA 10		FERC REGIONAL OFFICE CODE AT					
NASH FORD	VA00026	CLINCH RIVER			36 57.7	486.0	647.	177.	195.	133.U	0. U	0.
	ORN0180				82 6.6					T	33.75T	74.8
LAKE BONAVENTURE	VA00137	CHANEY CK	RS		36 56.8	6.0	16.	22.	30.	1.E	0. E	0.
	ORN0181				82 11.8					N	.07N	.2
LAUREL BED LAKE	VA00138	LAUREL BED CK	R	VA GAME + IN	36 57.3	4.0	8.	30.	40.	6.E	0. E	0.
	ORN0182			LAND FISHERY	81 48.8					N	.05N	.2

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COUNTY NAME: SCOTT					**FERC POWER SUPPLY AREA 10**		**FERC REGIONAL OFFICE CODE AT**					
ROBERTS CREEK	VA00022	NORTH FORK HOLST			36 38,9	547,0	710,	69,	75,	52,	U 0.	U 0.
	ORN0163	ON RIVER			82 26,0						T 5.05	T 23.3
OPOSSUM CREEK	VA00024	NORTH FORK HOLST			36 35,7	678,0	870,	72,	80,	55,	U 0.	U 0.
	ORN0184	ON RIVER			82 35,9						T 13.80	T 53.4
COPPER CREEK	VA00027	COPPER CREEK			36 39,6	130,0	170,	86,	94,	20,	U 0.	U 0.
	ORN0185				82 42,2						T 2.91	T 11.6
COUNTY NAME: SPOTSYLVANIA					**FERC POWER SUPPLY AREA 10**		**FERC REGIONAL OFFICE CODE AT**					
NI RIVER PROJECT	VA17701	NI RIVER	SC	SPOTSYLVANIA	38 14,7	25,0	25,	29,	38,	6,	E 0.	E 0.
	NA00122			COUNTY	77 35,8						N .21	N .4
NORTH ANNA DAM	VA17702	NORTH ANNA RIVER	SCR	VEPCO	38 1,0	343,0	300,	67,	90,	373,	E 0.	E 0.
	NA00123				77 42,5						N 3.69	N 10.7
MOTTS RUN DAM	VA17704	MOTTS RUN	SR	CITY OF FRED	38 18,7	10,0	10,	57,	76,	1,	E 0.	E 0.
	NA00124			RICKSBURG	77 33,0						N .16	N .3
COUNTY NAME: STAFFORD					**FERC POWER SUPPLY AREA 10**		**FERC REGIONAL OFFICE CODE AT**					
SALEM CHURCH	VA00094	RAPPAHANNOCK RIV	HSRC		38 18,8	1598,0	1643,	174,	193,	1048,	E 89.00	E .1
	NA00126	ER			77 31,6						N 0.	N 0.
LUNGA DAM	VA17901	BEAVER DAM RUN	SP	DOD USMC	38 31,3	10,0	10,	40,	58,	19,	E 0.	E 0.
	NA80160				77 27,8						N .10	N .3
POTOMAC CREEK NO 1	VA17902	POTOMAC CREEK	CS	STAFFORD COU	38 23,5	30,0	32,	47,	64,	5,	E 0.	E 0.
	NA80161			NTY	77 28,5						N .36	N .9
EMBREY	VA17905	RAPPAHANNOCK RIV	S	CITY OF FRED	37 19,4	1604,0	1650,	50,	22,	0,	E 0.	E 0.
	NA00128	ER		ERICKSBURG	77 29,4						N 5.21	N 17.5

LEGEND

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

PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: SMYTH					FERC POWER SUPPLY AREA 10			FERC REGIONAL OFFICE CODE AT				
RIVERSIDE	VAU0023	NORTH FORK HOLST			36 56.1	129.0	170.	110.	120.	0. U	0. U	0.
	DRN0186	ON RIVER			81 38.7					T	3.75 T	10.9
BROADFORD	VAU0029	LAUREL CREEK			36 55.9	61.0	80.	240.	260.	0. U	0. U	0.
	DRN0187				81 40.6					T	3.74 T	15.2
HUNGRY MOTHER LAKE	VAU0136	HUNGRY MOTHER CK R		VA STATE PAR K COMMISSION	36 52.3	13.0	26.	27.	37.	2. E	0. E	0.
	DRN0188				81 31.4					N	.15 N	.5
COUNTY NAME: WARREN					FERC POWER SUPPLY AREA 7			FERC REGIONAL OFFICE CODE NY				
WARREN	VA18708	SHENANDOAH	H	POTOMAC EDIS ON OF VA	38 57.3	1600.0	1600.	11.	13.	0. E	.75 E	4.2
	NAB0162				78 8.9					N	2.41 N	5.9
COUNTY NAME: WASHINGTON					FERC POWER SUPPLY AREA 10			FERC REGIONAL OFFICE CODE AT				
STRAIGHT CREEK	VAU0020	WHITETOP LAUREL			36 38.3	51.0	98.	350.	200.	18. U	0. U	0.
	DRN0189	CREEK			81 44.8					T	4.41 T	18.3
RUSSELL BRANCH	VAU0021	MIDDLE FORK HOLS			36 41.8	224.0	240.	115.	130.	90. U	0. U	0.
	DRN0190	TON RIVER			81 51.3					T	3.82 T	16.5
OAK HILL	VAU0025	SOUTH FORK HOLST			36 39.9	134.0	190.	123.	140.	60. U	0. U	0.
	DRN0191	ON RIVER			81 48.3					T	4.12 T	17.0
BUFFALO FORD	VAU0028	NORTH FORK HOLST			36 44.9	436.0	570.	147.	175.	378. U	0. U	0.
	DRN0192	ON RIVER			82 11.1					T	25.15 T	55.7
ALVARADO	VAU0030	SOUTH FORK HOLST			36 39.0	560.0	860.	71.	95.	32. U	0. U	0.
	DRN0193	ON RIVER			81 55.1					T	5.32 T	24.6
BEAVER CK IMPOUNDMENT	VAU0131	BEAVER CK	C	TVA	36 38.5	14.0	28.	55.	75.	5. E	0. E	0.
	DRN0194				82 6.7					N	.36 N	1.0

LEGEND

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PRELIMINARY ESTIMATES (07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF VIRGINIA

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: WASHINGTON					FERC POWER SUPPLY AREA 10			FERC REGIONAL OFFICE CODE AT				
CLEAR CREEK LAKE	VAU0132	CLEAR CREEK	CR	TVA	36 39,8	6,0	12,*	33,*	44,*	3,*E	0, *E	0,
	ORN0195				82 7,2					*N	,09*N	,3
COUNTY NAME: WISE					FERC POWER SUPPLY AREA 10			FERC REGIONAL OFFICE CODE AT				
NORTH FORK OF PO	VAU0130	NORTH FORK OF PO	CRO	DAEN ORH	37 7,5	17,0	25,*	83,*	112,*	11,*E	0, *E	0,
UND LAKE	ORN0196	UND LAKE			82 37,9					*N	,51*N	1,4
NORTH FORK OF PO	VAU0153	NORTH FORK OF PO	CROS	DAEN ORH	37 6,0	17,0	29,*	59,*	94,*	11,*E	0, *E	0,
UND	ORH0071	UND			82 37,6					*N	,41*N	,7
COUNTY NAME: WYTHE					FERC POWER SUPPLY AREA 10			FERC REGIONAL OFFICE CODE NY				
UDP	VAU0146	REED CREEK	CH		36 55,0	120,0	129,*	70,*	90,*	0,*U	0, *U	0,
	ORH0072				81 7,0					*T	2,24*T	5,9
UDP	VAU0147	REED CREEK	CH		36 56,0	258,0	277,*	85,*	110,*	0,*U	0, *U	0,
	ORH0073				80 51,0					*T	4,53*T	14,5
COUNTY NAME: YORK					FERC POWER SUPPLY AREA 10			FERC REGIONAL OFFICE CODE AT				
WALLER MILL DAM	VA19903	QUEENS CREEK	S	CITY OF WILL	37 18,2	7,0	7,*	30,*	40,*	6,*E	0, *E	0,
	NA00129			IAMSBURG	76 42,2					*N	,06*N	,1

LEGEND

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APPENDIX II

U.S. ARMY CORPS OF ENGINEERS

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

DESCRIPTION OF TERMS

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

DESCRIPTION OF TERMS

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

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

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

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

CONVENTIONAL HYDROELECTRIC POWER PLANT: An electric power plant utilizing falling water from stream flow or reservoir storage as the primary motive force of electrical generation.

DEMAND: The rate at which electric energy is required.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

PLANT FACTOR: The ratio of the average load on the plant for the period of time considered to the aggregrate rating of all the generating equipment installed in the plant.

POTENTIAL HYDROELECTRIC POWER: The aggregate capacity capable of being developed by practical use of available stream flow and net power head.

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

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

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

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

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

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

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

APPENDIX III

U.S. ARMY CORPS OF ENGINEERS

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

DIVISION AND DISTRICT REPRESENTATIVES

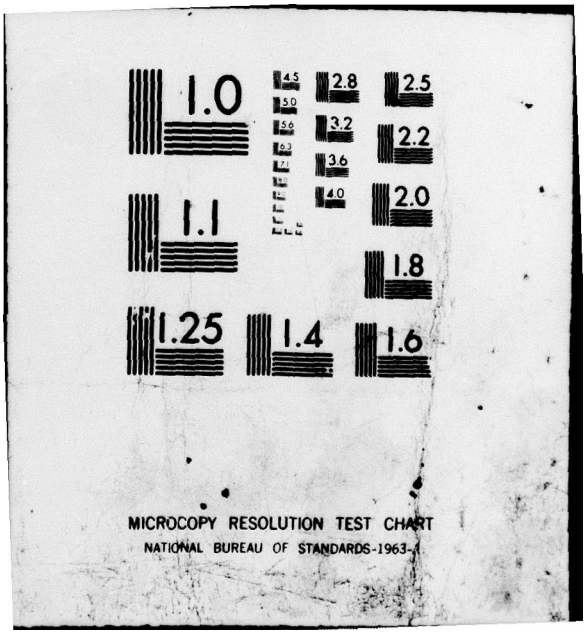
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DIVISION STUDY COORDINATORS

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

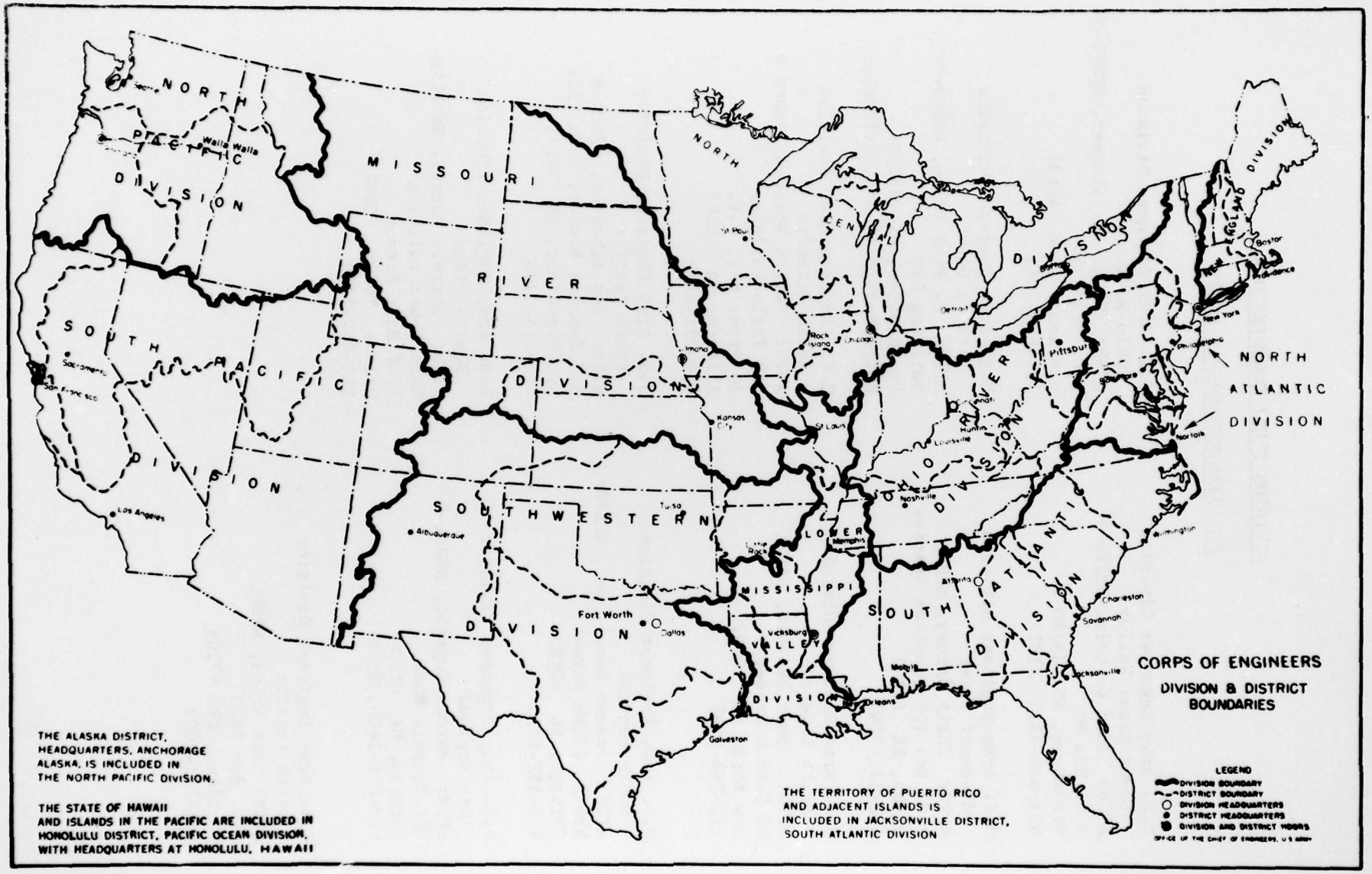
U.S. Army Engineer Division
Ohio River
ATTN: Daniel E. Steiner, ORDPD-F
P.O. Box 1159
Cincinnati, OH 45201
513-684-3043

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


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

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 Angles, 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