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MASTER

NATIONAL HYDROELECTRIC
POWER RESOURCES STUDY

PRELIMINARY INVENTORY
OF
HYDROPOWER RESOURCES

Volume 5



Southeast Region

IWR



HEC

JULY 1979

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

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

VOLUME 5: SOUTHEAST REGION

JULY 1979

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

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PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

INTRODUCTION

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

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

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

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

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

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

The directive led to the Corps' preliminary 90-day hydropower study which was published in 1977¹. This study was the first to provide comprehensive estimates of the small-scale potential at existing dams and also identified key areas of the country where small-scale hydropower development could potentially reduce dependence on fossil fuels as a source of energy generation. It is important to note that these estimates were based largely on theoretical potentials calculated for the river basins in the United States and were not the product of site-specific investigations.

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

PURPOSE AND SCOPE

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

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

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

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

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

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

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

METHODS OF STUDY

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

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

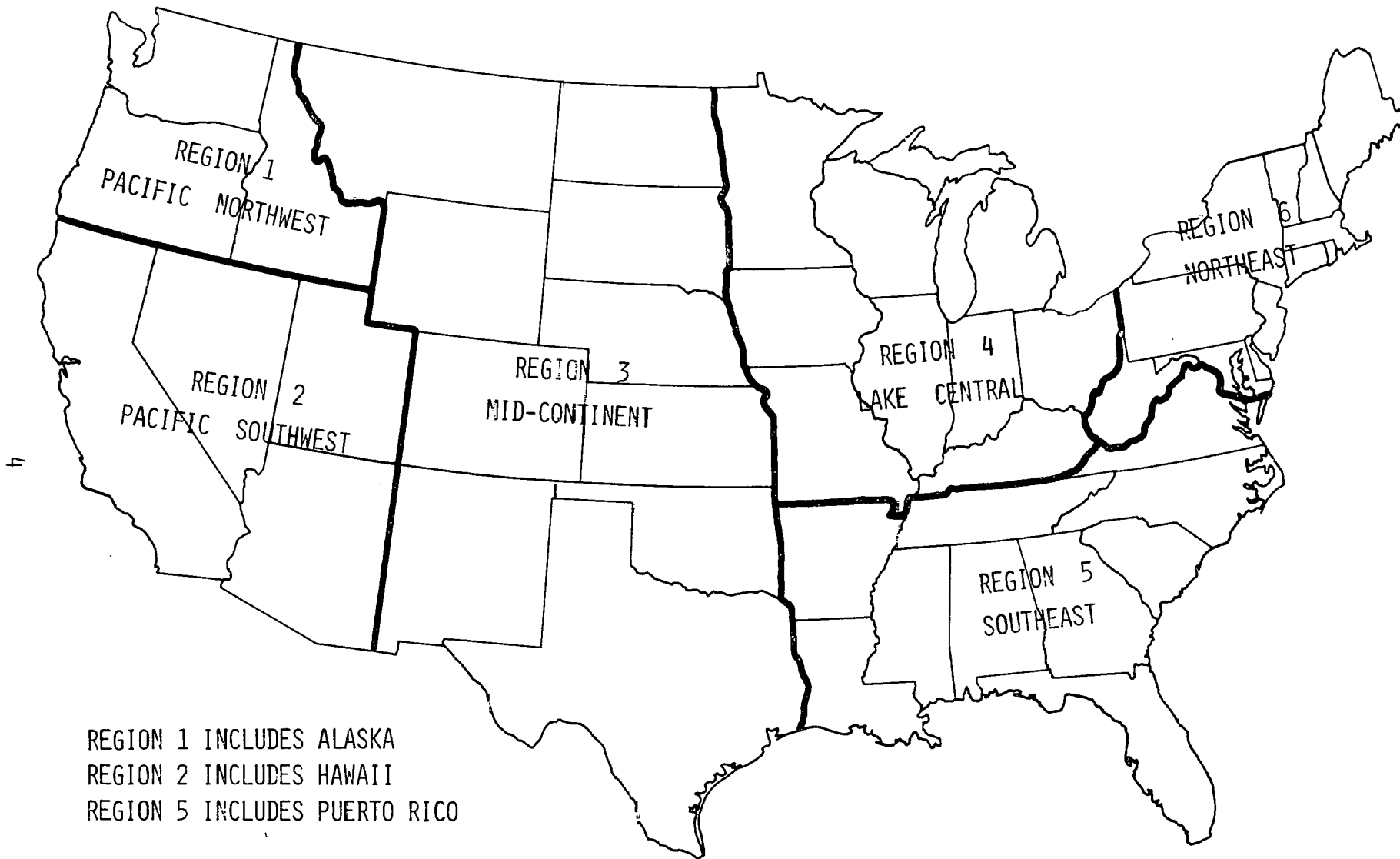


FIGURE 1: REGIONS AS DEFINED FOR THE PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

RESOURCE ASSESSMENT

National Potential

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

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

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

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

TABLE I. 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	31,915	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

¹Existing hydroelectric power facilities currently generating power.

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

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

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

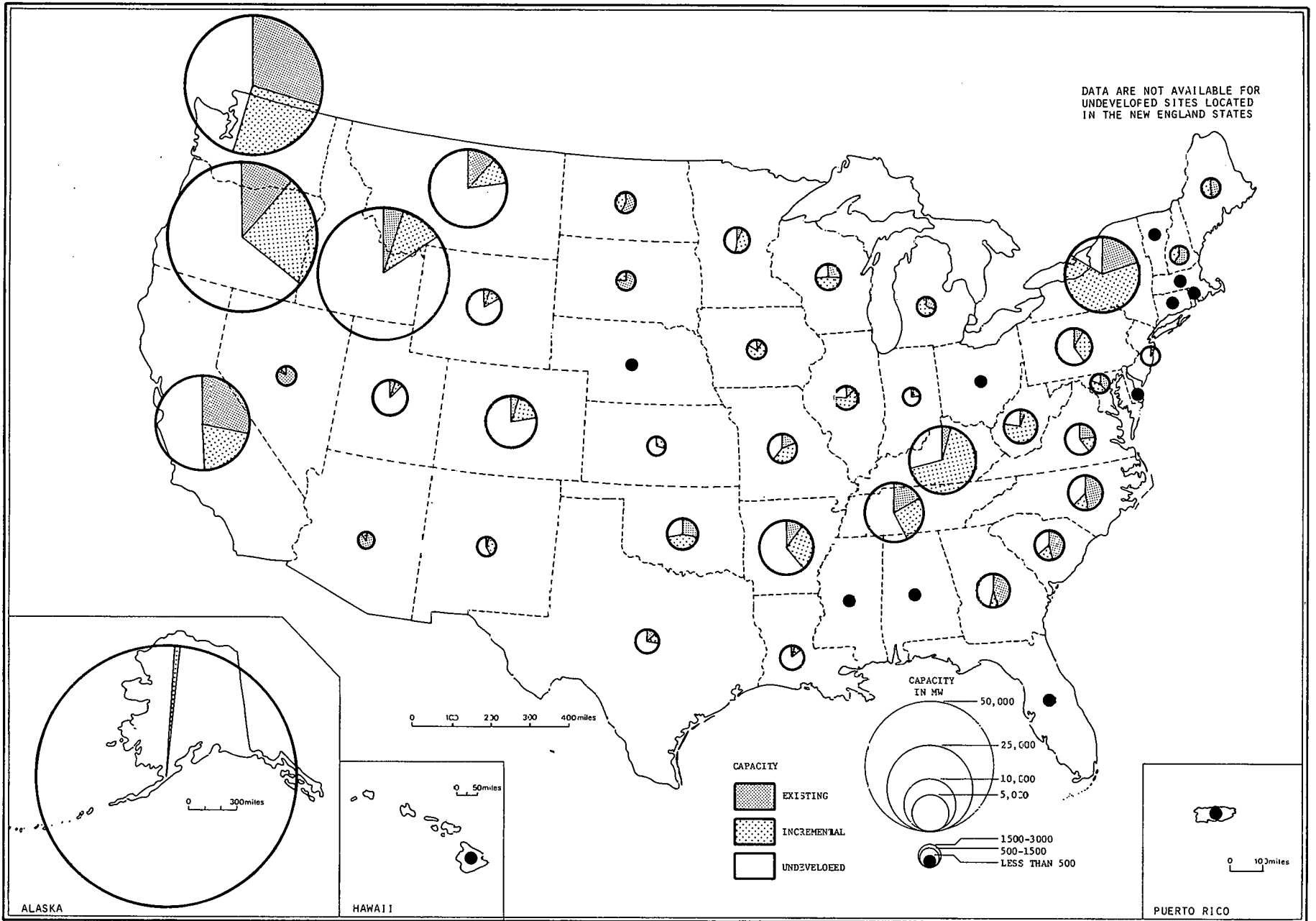


Figure 2: NATIONAL HYDROELECTRIC POWER RESOURCES. (ALL SITES)

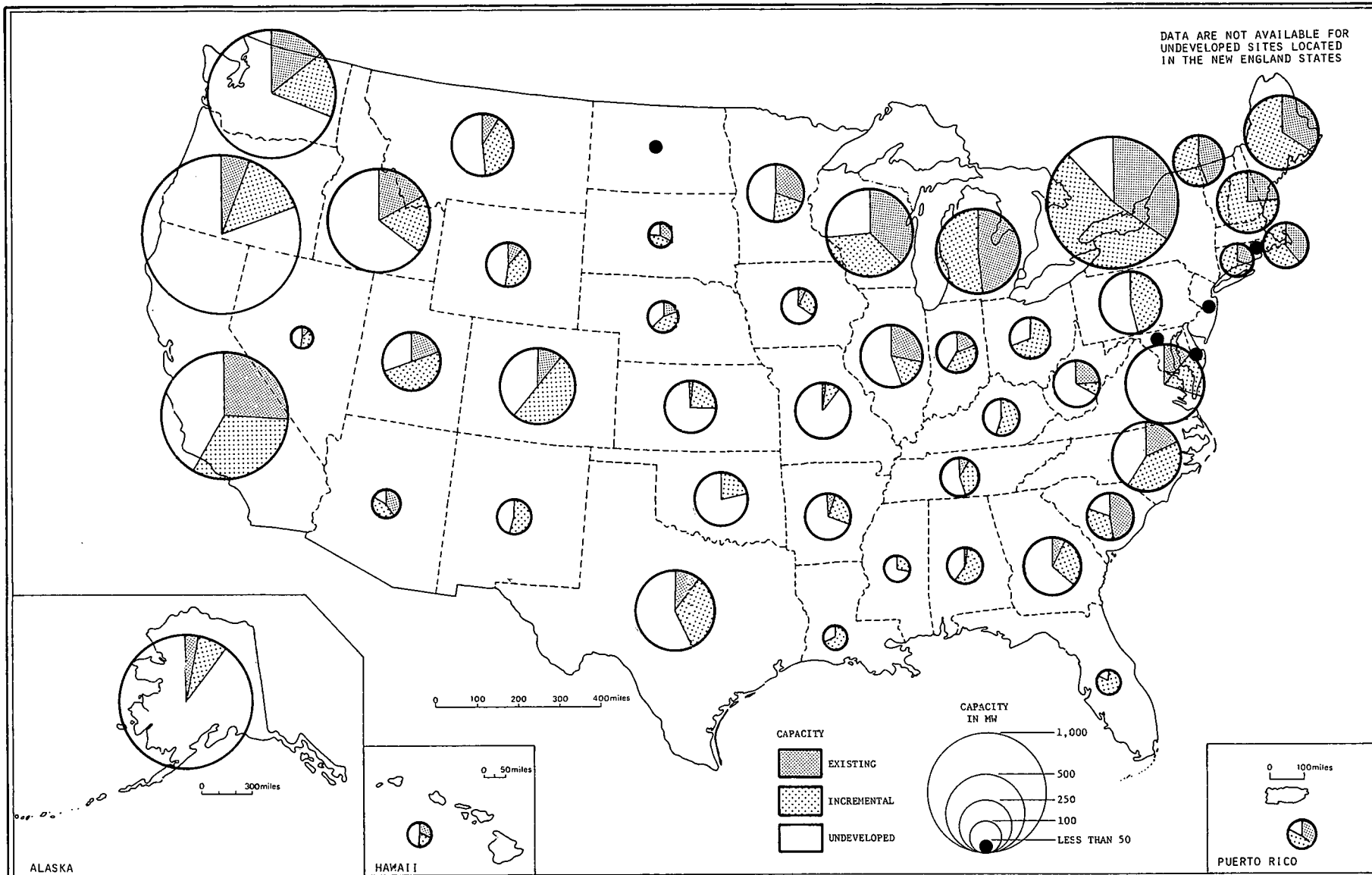


Figure 3: NATIONAL HYDROELECTRIC POWER RESOURCES, (SMALL-SCALE SITES)

history. The greatest number and density of small-scale facilities with installed capacity are found in the Northeast and Lake Central regions of the country. When considered together, these two regions generate more than 53 percent of the total energy produced from all small-scale facilities in the United States. All regions have the potential for incremental power development 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 undoubtedly not satisfy more detailed economical analysis as well as the institutional and environmental criteria which will be imposed upon them.

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

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

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

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

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

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

VOL 1: PACIFIC NORTHWEST

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

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

VOL 2: PACIFIC SOUTHWEST

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

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

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Colorado																
No. of Sites	10	167	53	230	1	2	19	22	5	4	79	88	16	173	151	340
Cap. (MW)	49	229	177	455	22	39	419	480	330	1,325	6,477	8,132	401	1,593	7,072	9,066
Ener (GWH)	275	660	423	1,358	70	79	889	1,038	1,264	2,644	13,515	17,423	1,609	3,383	14,827	19,819
Kansas																
No. of Sites	1	64	184	249	0	1	0	1	0	3	6	9	1	68	190	259
Cap. (MW)	2	61	183	246	0	18	0	18	0	141	296	437	2	220	480	702
Ener (GWH)	10	117	382	509	0	38	0	38	0	229	508	737	10	384	890	1,284
Montana																
No. of Sites	7	69	43	119	1	2	10	13	12	17	81	110	20	88	134	242
Cap. (MW)	29	140	176	345	17	43	189	249	2,372	2,148	14,948	19,468	2,418	2,332	15,313	20,063
Ener (GWH)	642	350	500	1,492	111	83	528	722	8,969	4,761	38,321	52,051	9,722	5,195	39,348	54,265
Nebraska																
No. of Sites	11	39	19	69	3	1	4	8	2	1	0	3	16	41	23	80
Cap. (MW)	16	37	30	83	54	21	82	157	66	37	0	103	136	94	112	342
Ener (GWH)	50	121	139	310	300	43	320	663	216	160	0	376	566	323	459	1,348
New Mexico																
No. of Sites	0	26	44	70	1	1	0	2	0	4	3	7	1	31	47	79
Cap. (MW)	0	55	46	101	24	24	0	48	0	207	359	566	24	286	404	714
Ener (GWH)	0	144	120	264	96	49	0	145	0	469	1,101	1,570	96	662	1,221	1,979
N. Dakota																
No. of Sites	0	44	2	46	0	0	0	0	1	1	0	2	1	45	2	48
Cap. (MW)	0	21	10	31	0	0	0	0	430	305	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	1,058	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	325	755	1,647	158	989	1,027	2,174
Ener (GWH)	536	191	492	1,219	0	288	314	602	318	1,868	1,602	3,788	854	2,346	2,408	5,608

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

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

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

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Alabama																
No. of Sites	1	52	8	61	0	2	5	7	15	19	8	42	16	73	21	110
Cap. (MW)	2	70	49	121	0	41	108	149	2,269	4,010	424	6,703	2,271	4,121	581	6,973
Ener (GWH)	6	190	137	333	0	91	244	335	9,710	7,141	995	17,846	9,716	7,422	1,376	18,514
Arkansas																
No. of Sites	1	89	50	140	0	3	11	14	10	15	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
Ener (GWH)	129	318	1,094	1,541	0	349	419	768	532	701	3,037	4,270	661	1,368	4,550	6579
Region Total																
No. of Sites	110	566	265	941	19	29	54	102	98	87	146	331	227	682	465	1,374
Cap. (MW)	285	704	1,077	2,066	360	559	1,114	2,033	11,182	11,758	20,969	43,909	11,827	13,021	23,160	48,008
Ener (GWH)	1,000	2,189	3,349	6,538	1,105	1,185	2,863	5,153	36,409	21,466	67,460	125,335	38,514	24,840	73,672	137,026

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

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Connecticut*																
No. of Sites	13	205	NA	218	0	0	NA	0	2	0	NA	2	15	205	NA	220
Cap. (MW)	36	88	NA	124	0	0	NA	0	68	0	NA	68	103	88	NA	191
Ener (GWH)	156	308	NA	464	0	0	NA	0	216	0	NA	216	372	308	NA	680
Delaware																
No. of Sites	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2
Cap. (MW)	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2
Ener (GWH)	0	0	6	6	0	0	0	0	0	0	0	0	0	0	6	6
Maine*																
No. of Sites	33	469	NA	502	3	1	NA	4	2	2	NA	4	38	472	NA	510
Cap. (MW)	147	284	NA	431	58	20	NA	78	148	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)	4,520	6,009	1,531	12,160	1,613	1,533	938	4,084	26,276	81,898	28,610	136,784	32,508	89,440	31,078	153,025

¹Existing hydroelectric power facilities currently generating power.

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

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

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

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APPENDIX I

U.S. ARMY CORPS OF ENGINEERS

SUMMARY SHEET AND SITE SPECIFIC

LISTING OF HYDROELECTRIC POWER RESOURCES

BY STATE AND COUNTY

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

STATE OF ALABAMA

PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF ALABAMA

(07/09/79)

PROJECT NAME	* IDENT NUMBER * (1)	NAME OF STREAM OR RIVER	PRC. PURP * (2)	OWNER	* LATITUDE * LONGITUDE * (DM.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: 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.	0.	0.
	SAM0001			*AL AND IRON*	87 43.5					*N	.05*	.2

COUNTY NAME: BLOUNT												
FERC POWER SUPPLY AREA 22												
FERC REGIONAL OFFICE CODE AT												

SMITHS FORD	*ALU0006*	LOCUST FORK			34 0.	575.0	1063.	135.	183.	508.	0.	0.
	SAM0002				87 0.					*T	45.73*	83.6
BLOUNTSVILLE	*ALU0007*	LOCUST FORK			34 0.	274.0	396.	114.	154.	393.	0.	0.
	SAM0003				86 .6					*T	8.87*	25.7
AUSTIN CREEK	*ALU0008*	LOCUST FORK			34 0.	255.0	545.	93.	93.	0.	0.	0.
	SAM0004				87 0.					*T	6.57*	21.7
INLAND LAKE	*AL01167*	BLACKBURN FORK	LAS R	*CITY OF BIRM*	33 50.2	69.0	114.	58.	70.	72.	0.	0.
	SAM0005	ITTLE WARRIOR		*INGHAM	86 33.0					*N	1.38*	3.4
HIGHLAND LAKE	*AL01168*	BLACKBURN FORK	LAR	*HIGHLAND LAK*	33 52.8	29.0	48.	43.	50.	9.	0.	0.
	SAM0006	ITTLE WARRIOR		*E COMPANY	86 26.0					*N	.51*	1.1
SKYVIEW LAKE	*AL01170*	HOGELAND CREEK	*R D	*H. J. SARKIS*	33 50.8	4.0	245.	26.	35.	2.	0.	0.
	SAM0007			*ESTATE	86 46.8					*N	1.47*	3.9
OSBORN LAKE	*AL01176*	TR=GRAVES CREEK	*R	*MILDRED OSBO*	34 5.9	1.0	61.	50.	60.	2.	0.	0.
	SAM0008			*RN	86 31.9					*N	.81*	1.8

COUNTY NAME: CALHOUN												
FERC POWER SUPPLY AREA 22												
FERC REGIONAL OFFICE CODE												

NONAME DAM	*AL00004*	CHOCOLOCCO CREEK	*C	*TIMBER AND O*	33 49.0	21.0	33.	44.	66.	7.	0.	0.
	SAM0009			*RE LAND CO	85 37.0					*N	.29*	1.0
ANNISTON LAKE	*AL00910*	HILLABEE CREEK	*S C	*ANNISTON UTI*	33 34.6	15.0	918.	11.	15.	9.	0.	0.
	SAM0010			*LITY BOARD	85 45.2					*N	2.71*	6.1

L E G E N D

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF ALABAMA

(07/09/79)

PROJECT NAME	* IDENT NUMBER * * (1) *	NAME OF STREAM OR RIVER	* PROJ * * 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: CALHOUN												

FERC POWER SUPPLY AREA 22 FERC REGIONAL OFFICE CODE												

HENRY RESERVOIR	*AL01416*	COOSA RIVER	*H R	*ALABAMA POWE	* 33 46,9 *	* 6600.0 *	* 10967. *	* 48. *	* 57. *	* 109. *	*E 72.90*	*E 210.7
	SAM0011			*R CO	* 86 3,1 *						*N 73.72*	*N 158.5

COUNTY NAME: CHAMBERS												

FERC POWER SUPPLY AREA 22 FERC REGIONAL OFFICE CODE												

CHAMBERS COUNTY PUBLIC LAKE	*AL00543*	WILCAT CREEK	*R	*STATE OF ALA	* 32 49,0 *	* 4.0 *	* 15. *	* 25. *	* 34. *	* 4. *	*E 0. *	*E 0. *
	SAM0012			*BAMA	* 85 20,4 *						*N 0.08*	*N .2

COUNTY NAME: CHEROKEE												

FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT												

LITTLE RIVER	*ALU0004*	LITTLE RIVER			* 34 0. *	* 119.0 *	* 172. *	* 325. *	* 440. *	* 33. *	*U 0. *	*U 0. *
	SAM0013				* 86 0. *						*T 14.71*	*T 34.2

MILLS	*ALU0014*	MILLS CREEK			* 34 0. *	* 65.0 *	* 97. *	* 83. *	* 83. *	* 0. *	*U 0. *	*U 0. *
	SAM0014				* 86 0. *						*T 1.98*	*T 4.8

TERRAPIN CREEK LAKE NO 9	*AL00560*	FROG CREEK	*C	*KIMBERLEY CL	* 33 59,8 *	* 21.0 *	* 33. *	* 16. *	* 21. *	* 5. *	*E 0. *	*E 0. *
	SAM0015			*ARK	* 85 34,2 *						*N .09*	*N .3

WEISS RESERVOIR	*AL01415*	COGSA	*HCR	*ALABAMA POWE	* 34 10,3 *	* 5270.0 *	* 8757. *	* 47. *	* 64. *	* 1433. *	*E 87.80*	*E 206.0
	SAM0016			*R CO	* 85 45,2 *						*N 26.51*	*N 81.9

COUNTY NAME: CHILTON												

FERC POWER SUPPLY AREA 22 FERC REGIONAL OFFICE CODE AT												

WAXAHATCHEE	*ALU0012*	WAXAHATCHEE CREEK			* 33 0. *	* 174.0 *	* 268. *	* 54. *	* 54. *	* 0. *	*U 0. *	*U 0. *
	SAM0017				* 87 0. *						*T 2.95*	*T 8.4

LAY LAKE	*AL01418*	COOSA	*H R	*ALABAMA POWE	* 32 57,8 *	* 9087.0 *	* 15131. *	* 88. *	* 103. *	* 265. *	*E 177.00*	*E 581.4
	SAM0018			*R CO	* 86 30,8 *						*N 211.13*	*N 337.2

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ALABAMA

(07/09/79)

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

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, *	* 0, *	* 0, *
	SAM0019				* 88 7,7 *						*N 347,52*	*N 801,5

COUNTY NAME: CLEBURNE			FERC POWER SUPPLY AREA 22				FERC REGIONAL OFFICE CODE AT					

DAKFUSKEE	*ALU0010*	*TALLAPOOSA RIVER			* 33 34,3 *	* 640,0 *	* 926, *	* 100, *	* 100, *	* 0, *	* 0, *	* 0, *
	SAM0020				* 85 35,6 *					*U 24,33*	*U 56,6	

CAHULGA NO. 1	*AL00003*	*CAHULGA CREEK	*SC	*CITY OF HEFL	* 33 38,5 *	* 7,0 *	* 428, *	* 25, *	* 34, *	* 3, *	* 0, *	* 0, *
	SAM0021			*IN	* 85 36,0 *					*N 2,25*	*N 6,1	

TERRAPIN CREEK AKE NO 31	*AL00604*	*TERRAPIN CREEK	*C	*KIMBERLEY CL	* 33 53,5 *	* 28,0 *	* 42, *	* 39, *	* 53, *	* 8, *	* 0, *	* 0, *
	SAM0022			*ARK	* 85 31,7 *					*N ,40*	*N 1,0	

TERRAPIN CREEK AKE NO 21	*AL00607*	*CAMP CREEK	*C	*GRIEF BROTHE	* 32 52,3 *	* 16,0 *	* 22, *	* 24, *	* 32, *	* 4, *	* 0, *	* 0, *
	SAM0023			*RS	* 85 28,2 *					*N ,11*	*N ,3	

TERRAPIN CREEK AKE NO 22	*AL00608*	*TERRAPIN CREEK	*C	*USDA F3	* 33 52,7 *	* 21,0 *	* 33, *	* 24, *	* 33, *	* 5, *	* 0, *	* 0, *
	SAM0024				* 85 25,9 *					*N ,15*	*N ,5	

TERRAPIN CREEK AKE NO 33	*AL00609*	*LITTLE TERRAPIN CREEK	*C	*WILL POLLARD	* 33 55,1 *	* 58,0 *	* 87, *	* 9, *	* 12, *	* 5, *	* 0, *	* 0, *
	SAM0025				* 85 27,6 *					*N ,19*	*N ,5	

CHOCOLOCCO CREEK LAKE NO 24	*AL00614*	*SHOAL CREEK	*C	*USDA F3	* 33 43,0 *	* 13,0 *	* 795, *	* 10, *	* 14, *	* 7, *	* 0, *	* 0, *
	SAM0026				* 85 37,6 *					*N 2,19*	*N 5,0	

CHOCOLOCCO CREEK LAKE NO 7	*AL00615*	*SHOAL CREEK	*C	*USDA F3	* 33 44,4 *	* 14,0 *	* 857, *	* 14, *	* 19, *	* 6, *	* 0, *	* 0, *
	SAM0027				* 85 35,0 *					*N 2,76*	*N 7,0	

CAHULGA CREEK KE NO 1	*AL00616*	*CAHULGA CREEK	*C 9	*CITY OF HEFL	* 33 39,0 *	* 6,0 *	* 367, *	* 12, *	* 16, *	* 4, *	* 0, *	* 0, *
	SAM0028			*IN	* 85 36,2 *					*N ,69*	*N 2,3	

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ALABAMA

(07/09/79)

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

COUNTY NAME: COLBERT												

FERC POWER SUPPLY AREA 20												

FAWN LAKE	AL00032	HEMSON CK	CR	FAWN FARM ES	34 39.5	1.0	61	18	25	1	0	0
	DRN0001			TATE	87 53.2					N	.30	.7

COUNTY NAME: COOSA												

FERC POWER SUPPLY AREA 22												

HATCHET	AL00011	HATCHET CREEK			33 0	359.0	576	153	153	0	0	0
	SAH0029				86 0					T	21.88	54.5
WEOGUFKA	AL00019	WEOGUFKA CREEK			33 0	111.0	178	95	95	0	0	0
	SAH0030				86 0					T	3.52	10.0
LAKE MITCHELL	AL01424	COOSA	HRCN	ALABAMA POWE	32 47.0	9778.0	15723	74	99	250	72.50	354.5
	SAH0031			R COMPANY	86 30.0					N	260.93	446.5

COUNTY NAME: COVINGTON												

FERC POWER SUPPLY AREA 22												

GANTT LAKE	AL01414	CONECUH RIVER	H R	ALABAMA ELEC	31 24.4	647.0	914	30	35	30	2.40	6.5
	SAH0032			TRIC COOP	86 28.9					N	2.45	8.9

COUNTY NAME: CULLMAN												

FERC POWER SUPPLY AREA 22												

DORSEY CREEK	AL00005	MULBERRY FORK			33 50.6	550.0	1017	100	135	420	0	0
	SAH0033				87 0					T	32.27	59.0
ARKADELPHIA	AL00017	MULBERRY FORK			34 0	550.0	1017	102	102	0	0	0
	SAH0034				87 0					T	32.99	60.3
FOREST INGRAM LAKE	AL00975	BRINDLEY CREEK	R	FORREST INGR	34 9.0	17.0	1040	75	90	5	0	0
	SAH0035			AM POULTRY	86 45.6					N	20.74	47.1
LAKE GEORGE	AL00976	BRIDGE CREEK	S R	CITY OF CULL	34 13.4	5.0	306	37	45	5	0	0
	SAH0036			MAN	86 50.3					N	2.24	6.3

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 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF ALABAMA

(07/09/79)

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

COUNTY NAME: CULLMAN												

LAKE CATOMA	*AL00977*	*EIGHT MILE CREEK*	*S R	*CITY OF CULLMAN	*34 11.0	*30.0*	*50.*	*75.*	*90.*	*24.*	*0.*	*0.*
	SA00037				*86 48.3					*.88*	*2.0	

COUNTY NAME: DEKALB												

DEKALB COUNTY LAKE	*AL00031*	*SOUTH SAUTY CK	*R	*STATE PARK	*34 34.6	*2.0*	*122.*	*27.*	*37.*	*2.*	*0.*	*0.*
	DR00002				*85 48.4					*.80*	*2.0	

COUNTY NAME: ELMORE												

WALLAHATCHEE	*AL00021*	*TALLAPOOSA RIVER			*33 0.	*3320.0*	*4915.*	*32.*	*32.*	*0.*	*0.*	*0.*
	SA00038				*86 0.					*28.32*	*107.8	
SPEIGNER LAKE	*AL00707*	*HURTOR CREEK	*R	*STATE OF ALABAMA	*32 34.1	*45.0*	*78.*	*19.*	*25.*	*7.*	*0.*	*0.*
	SA00039			*BAMA	*86 20.8					*.28*	*1.0	
JORDAN LAKE DIVERSION	*AL01419*	*COOSA	*H	*ALABAMA PWR	*32 34.6	*4.0*	*15.*	*44.*	*52.*	*230.*	*225.00*	*822.0
	SA00040			*CU	*86 16.7					*0.*	*0.*	
JORDAN LAKE	*AL01423*	*COOSA	*H R	*ALABAMA PWR	*32 37.1	*10092.0*	*16228.*	*94.*	*110.*	*230.*	*100.00*	*195.5
	SA00041			*R CO	*86 15.5					*333.60*	*846.2	

COUNTY NAME: FRANKLIN												

BEAR CK RESERVOIR	*AL00024*	*BEAR CK	*CRSU	*TVA	*34 23.9	*231.0*	*392.*	*38.*	*52.*	*40.*	*0.*	*0.*
	DR00003				*87 59.3					*2.78*	*8.0	
LITTLE BEAR CK. RESERV.	*AL00025*	*LITTLE BEAR CK.	*CRU	*TVA	*34 27.3	*61.0*	*99.*	*51.*	*69.*	*53.*	*0.*	*0.*
	DR00004				*87 58.6					*1.27*	*3.1	
CEDAR CK. RESERVOIR	*AL00026*	*CEDAR CK.	*CRD	*TVA	*34 32.7	*179.0*	*333.*	*61.*	*83.*	*112.*	*0.*	*0.*
	DR00005				*87 58.5					*3.62*	*10.9	

L E G E N D

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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
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ALABAMA

(07/09/79)

PROJECT NAME	* IDENT NUMBER * (1)	* NAME OF STREAM OR RIVER *	* PROJ PURP * (2)	* OWNER *	* LATITUDE * (DM,M)	* DRAINAGE AREA * (SQ MI)	* AVERAGE ANNUAL INFLOW * (CF8)	* NET POWER * (FT)	* HEIGHT OF DAM * (FT)	* MAXIMUM STORAGE * (AC FT)	* CAPACITY * (3)	* ENERGY * (3)

COUNTY NAME: MALE												

FERC POWER SUPPLY AREA 22												

WARRIOR LAKE	*AL01429*	BLACK WARRIOR R	*N R	*DAEN SAM	* 32 46,7 *	* 5800,0 *	* 4974, *	* 54, *	* 65, *	* 59, *	* 0, *	* 0, *
	SAH0042	VER			* 87 50,5 *						* 127,27 *	* 285,6 *

COUNTY NAME: HENRY												

FERC POWER SUPPLY AREA 22												

LAKE EUFAULA	*AL01432*	CHATTAHOOCHEE R	*N HRC	*DAEN SAM	* 31 37,6 *	* 7364,0 *	* 9749, *	* 86, *	* 101, *	* 934, *	* 130,00 *	* 436,0 *
	SAM0043	VER			* 85 3,8 *						* 68,37 *	* 120,9 *

COUNTY NAME: HOUSTON												

FERC POWER SUPPLY AREA 22												

GEORGE W ANDREWS LAKE	*AL01433*	CHATTAHOOCHEE R	*N R	*DAEN SAM	* 31 15,6 *	* 8210,0 *	* 10869, *	* 37, *	* 43, *	* 18, *	* 0, *	* 0, *
	SAM0044	VER			* 85 6,6 *						* 94,53 *	* 265,4 *

COUNTY NAME: JEFFERSON												

FERC POWER SUPPLY AREA 22												

SAYRE	*ALU0009*	LOCUST FORK			* 33 42,9 *	* 150,0 *	* 248, *	* 80, *	* 80, *	* 0, *	* 0, *	* 0, *
	SAG0045				* 87 0, *						* 3,34 *	* 9,6 *

OAK GROVE	*ALU0013*	VALLEY CREEK			* 34 0, *	* 190,0 *	* 351, *	* 173, *	* 173, *	* 0, *	* 0, *	* 0, *
	SAM0046				* 87 0, *						* 19,33 *	* 35,3 *

BAYVIEW LAKE	*AL01256*	VILLAGE CREEK	*S R	*T. C. I., US	* 33 34,4 *	* 69,0 *	* 114, *	* 61, *	* 74, *	* 49, *	* 0, *	* 0, *
	SAM0047			*STEEL CO.	* 86 59,3 *						* 1,45 *	* 3,6 *

LAKE SUEANN	*AL01287*	TR-GURLEY CREEK	*O R	*LAKE SUEANN	* 33 46,3 *	* 1,0 *	* 61, *	* 55, *	* 66, *	* 2, *	* 0, *	* 0, *
	SAM0048			*ESTATES	* 86 40,4 *						* ,88 *	* 2,0 *

TAILINGS POND NO. 2	*AL01302*	TR-COAL CREEK	*O	*MAXINE MININ	* 33 35,0 *	* 1,0 *	* 61, *	* 57, *	* 70, *	* 1, *	* 0, *	* 0, *
	SAM0049			*G CO.	* 87 9,1 *						* ,91 *	* 2,1 *

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF ALABAMA

(07/09/79)

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

COUNTY NAME: MADISON													

MADISON COUNTY LAKE	ALU0033	TR-HURRICANE CK	R	STATE OF ALA	34 48.3	2.0	122	26	35	2	0	0	0
	DRN0011			BAMA	86 23.7					N	.76	N	1.9

COUNTY NAME: MARION													

UPPER BEAR CREEK RESERVOIR	AL01408	BEAR CREEK	RSO	TVA	34 16.3	11.0	17	52	71	37	0	0	0
	SAH0053				87 41.7					N	.25	N	.6

COUNTY NAME: MARSHALL													

GUNTERSVILLE LAKE	ALU0029	TENNESSEE RIVER	NCHR	TVA	34 25.3	24450.0	41941	55	74	1052	97.20	799.7	
	DRN0012				86 23.6					N	410.05	N	801.3

COUNTY NAME: MONROE													

CLAIBORNE LAKE	AL01436	ALABAMA RIVER	N R	DAEN SAM	31 36.9	21520.0	32454	30	35	96	0	0	0
	SAH0054				87 33.0					N	261.26	N	678.8

COUNTY NAME: RANDOLPH													

EAGLE CREEK	ALU0002	TALLAPOOSA RIVER			33 0.	2036.0	3178	78	105	300	0	0	0
	SAH0055				86 0.					T	62.24	T	159.9

MALONE FERRY	ALU0015	TALLAPOOSA RIVER			33 0.	1615.0	2921	34	34	0	0	0	0
	SAH0056				86 0.					T	21.63	T	55.6

COUNTY NAME: SHELBY													

LAKE PURDY	AL01311	LITTLE CAHABA RI	SRC	BHAM MUN WAT	33 27.6	37.0	61	41	50	26	0	0	0
	SAH0057	VER		ER SERV CORP	86 40.1					N	.62	N	1.4

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

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * * (1) *	* NAME OF STREAM * * OR RIVER *	* PROJ * * PURP * * (2) *	OWNER	* LATITUDE * * LONGITUDE * * (DM,M) *	* DRAINAGE * * AREA * * (SQ MI) *	* AVEFACE * * ANNUAL * * INFLW * * (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*	*TR CAHABA VALLEY*	*R	*STATE PARK	* 33 19,8 * * 86 45,3 *	* 2.0 *	* 8, * * 612, *	* 31, * * 41, *	* 40, * * 50, *	* 2, * * 4, *	* 0, * * 0, *	* 0, * * 13,4 *
LAKE WEHAPA	*AL01337*	*SHOAL CREEK	*R 0	*WEHAPA REAL ESTATE CO	* 33 28,6 * * 86 33,9 *	* 10.0 *	* 612, *	* 41, *	* 50, *	* 4, * * 4,22 *	* 0, * * 0, *	* 0, * * 13,4 *
SMYERS LAKE NUMBER ONE	*AL01338*	*SHOAL CREEK	*R 0	*SMYERS LAKE PROPERTY CO	* 33 27,5 * * 86 35,1 *	* 6.0 *	* 367, *	* 41, *	* 50, *	* 2, * * 2,90 *	* 0, * * 0, *	* 0, * * 8,3 *
FLETCHER ESTATE LAKE	*AL01353*	*TR CAHABA RIVER	*R 0	*FLETCHER PROPERTIES INC	* 33 24,7 * * 86 43,1 *	* 2.0 *	* 122, *	* 28, *	* 35, *	* 2, * * 0,83 *	* 0, * * 0, *	* 0, * * 2,0 *
TULLEYS ESTATE LAKE	*AL01354*	*ACTON CREEK	*R 0	*TULLEYS REAL ESTATE CO	* 33 22,1 * * 86 46,0 *	* 4.0 *	* 15, *	* 28, *	* 35, *	* 2, * * 0,10 *	* 0, * * 0, *	* 0, * * 2 *

COUNTY NAME: ST. CLAIR												

FERC POWER SUPPLY AREA 22 FERC REGIONAL OFFICE CODE												

LOGAN MARTIN RESERVOIR	*AL01417*	*COOSA	*MCR	*ALABAMA POWER	* 33 25,8 * * 86 20,2 *	* 7770.0 *	* 12934, *	* 55, * * 75, *	* 75, * * 642, *	* 128,20 * * 81,94 *	* 400,2 * * 97,1 *	

COUNTY NAME: TALLADEGA												

FERC POWER SUPPLY AREA 22 FERC REGIONAL OFFICE CODE												

CHEALA NO. 4	*AL00007*	*FAYNE CREEK	*C	*US PIPE AND FOUNDRY CO	* 33 26,0 * * 85 57,0 *	* 6.0 *	* 367, *	* 48, *	* 65, *	* 2, * * 3,26 *	* 0, * * 0, *	* 0, * * 9,6 *
CHEALA NO. 5	*AL00008*	*HORSE CREEK	*C	*CG ARMSTRONG	* 33 28,0 * * 85 57,0 *	* 11.0 *	* 673, *	* 49, *	* 66, *	* 4, * * 5,19 *	* 0, * * 0, *	* 0, * * 17,2 *
CHEAHA LAKE NUMBER 6	*AL01079*	*CHEAHA CREEK	*C	*USDA FS	* 33 28,2 * * 85 56,8 *	* 26.0 *	* 43, *	* 10, *	* 14, *	* 10, * * 0,09 *	* 0, * * 0, *	* 0, * * 2 *
LAKE HOWARD	*AL01084*	*TR TALLASSEE HATCHER CREEK	*R S	*SYLACAUGA WATER WORKS	* 33 12,3 * * 86 11,7 *	* 35.0 *	* 58, *	* 52, *	* 65, *	* 6, * * 0,72 *	* 0, * * 0, *	* 0, * * 1,6 *

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ALABAMA

(07/09/79)

PROJECT NAME	* IDENT NUMBER * (1)	* NAME OF STREAM OR RIVER	* PROJ PURP * (2)	OWNER	* LATITUDE * * LONGITUDE * (DM,M)	* DRAINAGE AREA * (SQ MI)	* AVERAGE ANNUAL INFLOW * (CF9)	* NET POWER * (FT)	* HEIGHT OF DAM * (FT)	* MAXIMUM STORAGE * (1000 AC FT)	* CAPACITY * (MW)	* ENERGY * (GWH)

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	61.82*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.*	60.*	26.*E	32.00*E	138.3
	SAM0070		*	*CU	* 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	0.07*N	0.2
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	0.40*N	0.9
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	0.13*N	0.2
LAKE TUSCALOOSA	*AL01137*	NORTH RIVER	*SCR	*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	*ALU1150*	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	0.34*N	0.8
HOLT LAKE	*AL01426*	BLACK WARRIOR RIVER	*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 RIVER	*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

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

(07/09/79)

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*****
* AVERAGE * NET * HEIGHT * MAXIMUM *
* IDENT * NAME OF STREAM * PROJ * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
PROJECT NAME * NUMBER * OR RIVER * PURP * * * * LONGITUDE * AREA * INFLO * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: TUSCALOOSA FERC POWER SUPPLY AREA 22 FERC REGIONAL OFFICE CODE
*****
* * * * *
WILLIAM BACON DL*AL01428*BLACK WARRIOR RI*N R *DAEM SAM * 33 12.6 * 4830.0* 7973,* 40,* 49,* 14,*E 0. *E 0.
IVER LAKE *SAM0079*VEN * * * * * 87 35.1 * * * * * *N 75.13*N 175.0
*****
COUNTY NAME: WALKER FERC POWER SUPPLY AREA 22 FERC REGIONAL OFFICE CODE AT
*****
* * * * *
BOLDO *ALU0016*BLACKWATER CREEK* * * * * 34 0. * 232.0* 429,* 125,* 125,* 0,*U 0. *U 0.
*SAM0080* * * * * 87 0. * * * * * *T 6.78*T 22.6
* * * * *
WALKER COUNTY LA*AL00885*TRIBUTARY OF CRA*R *ALA DEPT CON* 33 47.7 * 2.0* 122,* 32,* 40,* 3,*E 0. *E 0.
KE *SAM0081*NE CREEK * *SERVATION * 87 13.7 * * * * * *N .95*N 2.3
* * * * *
LITTLE CREEK MIN*AL00892*LITTLE CREEK *D *PEABODY MINE* 33 48.7 * 4.0* 245,* 31,* 40,* 2,*E 0. *E 0.
E LAKE *SAM0082* * * COMPANY * 87 2.6 * * * * * *N 1.62*N 4.4
*****
COUNTY NAME: WILCOX FERC POWER SUPPLY AREA 22 FERC REGIONAL OFFICE CODE
*****
* * * * *
WILLIAM *BILL* D*AL01435*ALABAMA RIVER *NHF *CAEN SAM * 32 6.1 * 20700.0* 32016,* 47,* 55,* 332,*E 75.00*E 429.0
ANNELLY LAKE *SAM0083* * * * * 87 24.0 * * * * * *N 326.82*N 616.5
* * * * *

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STATE OF ARKANSAS

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ARKANSAS

(07/09/79)

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

COUNTY NAME: ARKANSAS			FERC POWER SUPPLY AREA 25				FERC REGIONAL OFFICE CODE FW					

DRY LAKE DAM	*AR00537* *LMM0001*	TR WHITE RIVER	*O	*DOI BSWH	* 34 6.0 * * 91 10.0 *	12.0*	15. *	14. *	18. *	5. *E *N	0. *E .07*N	0. *
TARLETON CREEK DAM	*AR00539* *LMM0002*	TR WHITE RIVER	*O	*DOI BSWH	* 34 15.0 * * 91 7.0 *	28.8*	66. *	20. *	23. *	2. *E *N	0. *E .51*N	0. *

COUNTY NAME: ASHLEY			FERC POWER SUPPLY AREA 25				FERC REGIONAL OFFICE CODE FW					

BEARHOUSE CR RES	*ARU0138* *LMK0001*	BEARHOUSE CR	*CR	*DAEN LMK	* 33 21.0 * * 91 38.0 *	107.0*	122. *	21. *	29. *	63. *U *T	0. *U .74*T	0. *
BEECH CR RES	*ARU0139* *LMK0002*	BEECH CR	*CR	*DAEN LMK	* 33 8.0 * * 91 39.0 *	21.0*	26. *	26. *	35. *	13. *U *T	0. *U .34*T	0. *

COUNTY NAME: BAXTER			FERC POWER SUPPLY AREA 25				FERC REGIONAL OFFICE CODE FW					

COTTER	*ARU0001* *SWL0001*	WHITE	*CH	*	* 36 16.5 * * 92 31.0 *	7070.0*	6150. *	44. *	38. *	0. *U *T	0. *U 84.76*T	0. *
CHASTAIN	*ARU0172* *SWL0003*	WHITE RIVER	*HN	*	* 36 9.5 * * 92 15.0 *	9911.0*	11200. *	50. *	68. *	48. *U *T	0. *U 118.83*T	0. *
NORFORK	*AR00159* *SWL0004*	NORTH FORK OF TH WHITE RIVER	*CH	*DAEN SWL	* 36 15.0 * * 92 14.4 *	1806.0*	2159. *	174. *	206. *	1983. *E *N	70.00*E 44.79*N	184.0 *
BULL SHOALS	*AR00160* *SWL0005*	WHITE RIVER	*CH	*DAEN SWL	* 36 21.8 * * 92 34.4 *	6036.0*	6050. *	198. *	243. *	9406. *E *N	340.00*E 0. *N	785.0 *

COUNTY NAME: BENTON			FERC POWER SUPPLY AREA 33				FERC REGIONAL OFFICE CODE FW					

LAKE ANN	*AR00264* *SWT0001*	PINICIN CREEK	*R	*	* 36 28.5 * * 94 13.8 *	9.0*	7. *	44. *	55. *	4. *E *N	0. *E .06*N	0. *

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF ARKANSAS

(07/09/79)

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

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	61	7	0	0
	SWT0002				93 15,5					N	.11	.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	0	0
	SWL0006				93 56,0					T	4.44	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	0	0
	SWL0007	D CREEK			93 7,0					T	.09	.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	0	0
	SWL0009				93 40,0					T	4.71	16.8
BEAVER	AR00174	WHITE RIVER	CH	DAEN SWL	36 25,0	1186.0	1502	190	218	1952	112.00	172.0
	SWL0010				93 50,9					N	0	0
LAKE LEATHERWOOD DAM	AR00238	WEST LEATHERWOOD CREEK	R		36 27,0	13.1	11	31	40	1	0	0
	SWL0011				93 45,0					N	.07	.1

COUNTY NAME: CLARK												
FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												
DEGRAY LAKE	AR00151	CADDO RIVER	HCSR	DAEN LMK	34 13,2	453.0	738	175	238	1377	68.00	97.8
	LMK0003				93 6,5					N	0	0

L E G E N D

- (1) = TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ARKANSAS

(07/09/79)

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

COUNTY NAME: CLEBURNE												

FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

QUARRY	* ARU0180 * * SWL0012 *	LITTLE RED RIVER	*		* 35 27.0 * * 91 55.0 *	1210.0	1870.	60.	60.	0.	0.	0.
GREENS FERRY	* ARO0173 * * SWL0013 *	LITTLE RED	* CH	* DAEN SWL	* 35 31.5 * * 92 0. *	1446.0	2235.	184.	126.	2844.	96.00	189.0

COUNTY NAME: COLUMBIA												

FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

BAYOU DORCHEAT RESERVOIR	* ARU0010 * * LMN0001 *	BAYOU DORCHEAT	*		* 33 12.0 * * 93 24.0 *	239.0	225.	42.	57.	467.	0.	0.

COUNTY NAME: CONWAY												

FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

SOLGOHACHIA	* ARU0161 * * SWL0014 *	EAST FORK POINT REMOVE CREEK	*		* 35 15.0 * * 92 41.0 *	225.0	309.	165.	165.	0.	0.	0.
LOCK AND DAM NO 9	* ARO0165 * * SWL0015 *	ARKANSAS RIVER	* N	* DAEN SWL	* 35 7.5 * * 92 47.2 *	154949.0	36713.	15.	51.	70.	0.	0.
EAST FORK POINT	* ARO0319 * * SWL0016 *	SHEEPSKIN CREEK	* C		* 35 24.0 * * 92 38.1 *	74.3	102.	12.	16.	3.	0.	0.
EAST FORK POINT	* ARO0320 * * SWL0017 *	SUNNYSIDE CREEK	* C		* 35 38.0 * * 92 39.5 *	16.0	19.	12.	16.	5.	0.	0.
W FORK PT	* ARO0329 * * SWL0018 *	WEST FORK POINT	* C		* 35 27.2 * * 92 42.0 *	29.9	35.	10.	13.	3.	0.	0.
W FORK PT	* ARO0330 * * SWL0019 *	BROCK CREEK	* C		* 35 27.3 * * 92 45.1 *	43.8	51.	13.	18.	5.	0.	0.

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF ARKANSAS

(07/09/79)

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

COUNTY NAME: CRAWFORD FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW												

NATURAL DAM	*ARU0154*	*LEE CREEK	*S		* 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 RING DAM	*ARU00445*	*FRDG BAYOU	*S		* 35 41.4 *	* 68.0 *	* 91. *	* 22. *	* 30. *	* 55. *E	* 0. *E	* 0. *
	SWL0021				* 94 6.0 *					*N	* .48 *N	* .9 *
LAKE FORT SMITH DAM	*ARU0446*	*FRDG 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. *
	*LMH0003*R				* 90 21.0 *					*T	* 2901.39 *T	* 10568. *

COUNTY NAME: DREW FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

PRAIRIE CR RES.	*ARU0135*	*PRAIRIE CR.	*CR	*DAEN LMK	* 33 45.0 *	* 14.0 *	* 18. *	* 18. *	* 25. *	* 9. *U	* 0. *U	* 0. *
	LMK0004				* 91 36.0 *					*T	* .10 *T	* .1 *
CUTOFF CR RES	*ARU0136*	*CUTOFF CR	*CR	*DAEN LMK	* 33 24.0 *	* 193.0 *	* 219. *	* 24. *	* 33. *	* 97. *U	* 0. *U	* 0. *
	LMK0005				* 91 32.0 *					*T	* 1.38 *T	* 3.3 *
WOLF CR RES	*ARU0137*	*WOLF CR	*CR	*DAEN LMK	* 33 28.0 *	* 75.0 *	* 85. *	* 27. *	* 36. *	* 52. *U	* 0. *U	* 0. *
	LMK0006				* 91 35.0 *					*T	* .73 *T	* 1.5 *

COUNTY NAME: PAULKNER FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

HALLS HILL RES	*ARU0140*	*BAYOU METO	*CR	*DAEN LMK	* 34 52.0 *	* 59.0 *	* 102. *	* 41. *	* 56. *	* 54. *U	* 0. *U	* 0. *
	LMK0007				* 92 8.0 *					*T	* 1.07 *T	* 2.2 *

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ARKANSAS

(07/09/79)

PROJECT NAME	IDEN NUNSER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	CWNER	LATITUDE LONGITUDE (DM,M) (SQ MI)	DRAINAGE AREA (SQ MI)	AVERAGE 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												

BEAVER FORK LAKE	AR00042	BEAVER FORK	S	CITY OF CONW	35 8.1	15.3	18	18	24	23	0	0
	SWL0024			AY	92 26.7						.06	.1
LAKE CONWAY DAM	AR00064	PALARM CREEK	S R	ARK GAME FIS	34 57.5	136.0	187	10	13	64	0	0
	SWL0025			M COMMISSION	92 24.5						.29	.6
TOAD SUCK FERRY LOCK AND DAM	AR00170	ARKANSAS	N	DAEN SWL	35 4.6	156386.0	40976	8	60	37	0	0
	SWL0026				92 32.3						102.00	223.4

COUNTY NAME: FRANKLIN												

FERC POWER SUPPLY AREA 33												

KINGS FORD	ARU0155	MULBERRY RIVER			35 35.0	360.0	527	185	185	0	0	0
	SWL0027				93 58.0						31.53	59.1
CAMP CASS	ARU0156	MULBERRY RIVER			35 36.0	270.0	395	100	100	0	0	0
	SWL0028				93 54.0						5.25	16.4
OZARK LOCK AND DAM	AR00164	ARKANSAS RIVER	NH	DAEN SWL	35 28.4	151820.0	32060	31	65	148	100.00	429.0
	SWL0029				93 48.6						230.69	232.7
SHORES LAKE DAM	AR00400	HURRICANE CREEK	N		35 38.0	53.4	71	54	63	1	0	0
	SWL0030				93 57.7						.97	1.8
SIXMILE CREEK TE 14 DAM	AR00417	PRAIRIE CREEK	CS		35 16.0	55.5	65	21	27	2	0	0
	SWL0031				94 1.5						.35	.6
OZARK WATER SUPPLY LAKE DAM	AR00562	SOUTH FORK WHITE CREEK	S		35 32.0	24.6	33	65	80	5	0	0
	SWL0032				93 50.2						.70	1.1

COUNTY NAME: FULTON												

FERC POWER SUPPLY AREA 25												

MYATT CREEK	ARU0177	MYATT CREEK			36 22.5	142.0	132	115	115	0	0	0
	SWL0033				91 33.0						2.70	6.5

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ARKANSAS

(07/09/79)

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

COUNTY NAME: FULTON												

FERC POWER SUPPLY AREA 25												

FERC REGIONAL OFFICE CODE FW												

WILD HORSE	*ARU0182*	*SOUTH FORK SPRING*	*R*		* 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	*ARU0123*	*OUACHITA RIVER*	*HCR*	*DAEN LMK*	* 34 23.0 *	* 1535.0 *	* 2344. *	* 16. *	* 22. *	* 18. *U	* 0. *U	* 0. *
	LMK0014				* 92 51.0 *					* *T	* 4.19 *T	* 17.8 *

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 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF ARKANSAS

(07/09/79)

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

COUNTY NAME: HOT SPRING												

LAKE CATHERINE	*AR00535*	*QUACHITA RIVER	*M R O*	*ARKANSAS PHR*	*34 25,6*	*1548.0*	*2364.*	*50.*	*75.*	*35.*E	*11.00*	*43,2
	LMK0015		* * *	* LIGHT CO *	*92 53,2*					*N	*23.74*	*30,3

COUNTY NAME: HOWARD												

CHURCH FORD RESE RVOIR	*ARU0012*	*COSSATOT RIVER	*MCSO	*DAEN SWT	*34 16,5*	*212.0*	*336.*	*119.*	*130.*	*0.*U	*0.*U	*0.
	SNT0004		* * *		*94 10,5*					*T	*6.35*	*15,5
GILLHAM RESERV R	*ARU0017*	*COSSATOT RIVER	*CSO	*DAEN SWT	*34 14,0*	*271.0*	*466.*	*118.*	*160.*	*222.*E	*0.*E	*0.
	SWT0005		* * *		*94 14,0*					*N	*20,11*	*30,3
RED HILL RESERV R	*ARU0020*	*COSSATOT RIVER	*MCSO	*DAEN SWT	*34 7,0*	*339.0*	*583.*	*54.*	*68.*	*0.*U	*0.*U	*0.
	SNT0006		* * *		*94 13,0*					*T	*4.05*	*11,7

COUNTY NAME: INDEPENDENCE												

WOLF BAYOU	*ARU0003*	*WHITE	*CHR	* * *	*35 44,5*	*10796.0*	*12300.*	*137.*	*137.*	*619.*U	*0.*U	*0.
	SWL0036		* * *		*91 48,5*					*T	*180.00*	*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	*1,50*	*3,1
USMAC CORP LAKE DAM	*AR00362*	*POLK BAYOU OFFST	*R	* * *	*35 54,0*	*172.0*	*167.*	*18.*	*24.*	*5.*E	*0.*E	*0.
	SWL0039	*REAM	* * *		*91 40,6*					*N	*.52*	*1,2

COUNTY NAME: IZARD												

LOVE	*ARU0149*	*STRAWBERRY RIVER	* * *	* * *	*36 8,0*	*200.0*	*195.*	*100.*	*100.*	*0.*U	*0.*U	*0.
	SWL0040		* * *		*91 42,0*					*T	*3.11*	*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	*2.98*	*7,2

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

(07/09/79)

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COUNTY NAME: IZARD												

FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

BDSWELL	ARU0170	WHITE RIVER	NA	*	36 2.5	10173.0	11600.	44.	60.	40.	0.	0.
	SWL0042		*	*	92 2.5	*	*	*	*	U	107.62	303.0

DIMAND LAKE DAM	AR00228	STRAWBERRY RIVER	R	*	36 14.0	126.0	117.	42.	54.	3.	0.	0.
	SWL0044	OFFSTREAM	*	*	91 46.4	*	*	*	*	N	1.13	2.3

LAKE PIONEER DAM	AR00229	BENS CREEK OFFST	R	*	36 14.2	14.7	15.	30.	41.	1.	0.	0.
	SWL0045	REAM	*	*	91 45.5	*	*	*	*	N	.13	.2

CEDAR GLADE LAKE DAM	AR00230	STRAWBERRY RIVER	R	*	36 13.4	51.3	48.	40.	51.	3.	0.	0.
	SWL0046	OFFSTREAM	*	*	91 46.2	*	*	*	*	N	.54	.9

WHITE OAK LAKE DAM	AR00231	STRAWBERRY RIVER	R	*	36 12.9	140.0	130.	38.	52.	2.	0.	0.
	SWL0047	OFFSTREAM	*	*	91 45.6	*	*	*	*	N	1.12	2.3

CROWN LAKE DAM	AR00232	BENS CREEK	R	*	36 12.0	14.7	15.	70.	86.	22.	0.	0.
	SWL0048		*	*	91 44.8	*	*	*	*	N	.30	.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.	0.	0.
	LMK0016		*	*	92 10.0	*	*	*	*	T	.26	.3

BOGGY BAYOU RES	ARU0131	BOGGY BAYOU	CR	DAEN LMK	34 7.0	12.0	15.	14.	19.	3.	0.	0.
	LMK0017		*	*	91 58.0	*	*	*	*	T	.07	.1

LOCK AND DAM NO 5	AR00166	ARKANSAS RIVER	N	DAEN SWL	34 24.7	158542.0	41541.	15.	45.	69.	0.	0.
	SWL0049		*	*	92 6.2	*	*	*	*	N	187.42	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.	0.	0.
	SWL0050		*	*	93 57.5	*	*	*	*	N	.17	.3

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ARKANSAS

(07/09/79)

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

COUNTY NAME: LOGAN											

FERC POWER SUPPLY AREA 33											

FERC REGIONAL OFFICE CODE FW											

AR NO NAME 174	*AR00882*	*DRY FORK	*C	*	* 35 15.7 *	39.2*	41.*	48.*	60.*	1.*E	0.*E
	SWL0056				* 93 52.9 *					*N	0.*E
											0.9
AR NO NAME 175	*AR00883*	*CANEY CREEK	*C	*J C SPAIN	* 35 14.7 *	30.0*	35.*	33.*	44.*	2.*E	0.*E
	SWL0057				* 93 53.8 *					*N	0.*E
											0.5
AR NO NAME 176	*AR00884*	*DRY FORK CREEK	*C	*M A PHILLIPS	* 35 14.5 *	12.6*	14.*	38.*	51.*	1.*E	0.*E
	SWL0058				* 93 52.3 *					*N	0.*E
											0.2
COVE LAKE DAM	*AR00886*	*COVE CREEK	*C	*R S*USDA FS	* 35 14.0 *	53.6*	63.*	53.*	62.*	9.*E	0.*E
	SWL0059				* 93 37.5 *					*N	0.*E
											1.4
AR NO NAME 180	*AR00889*	*ROCKY CREEK	*C	*JAMES DAGAN	* 35 12.5 *	39.9*	47.*	27.*	36.*	1.*E	0.*E
	SWL0060				* 93 57.8 *					*N	0.*E
											0.5
AR NO NAME 183	*AR00892*	*SIX MILE CREEK	*C	*L J WILLIAMS	* 35 11.9 *	24.0*	28.*	29.*	29.*	2.*E	0.*E
	SWL0061				* 92 57.1 *					*N	0.*E
											0.4

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
	SWL0062				* 92 26.0 *					*T	65.41*
											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
	LHN0002			*REE	* 93 57.4 *					*N	0.*E
											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
	SWL0063				* 93 7.0 *					*T	4.68*
											16.8

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

(07/09/79)

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

COUNTY NAME: OUACHITA												

LOWER WHITE OAK LAKE	ARC0633	WHITE OAK CREEK	R	ARK GAME + FISH COMM	33 42.1	39.0	39.0	50.0	68.0	25.0	0.0	0.0
	LHK0021				93 5.8						.70	1.1
UPPER WHITE OAK LAKE	ARC0634	WHITE OAK CREEK	R	ARKANSAS GAME + FISH COMM	33 40.0	20.0	18.0	12.0	16.0	14.0	0.0	0.0
	LHK0022				93 5.0						.05	.1
BRAGG LAKE	ARC0645	BRAGG MILL CREEK	R	OUACHITA COUNTY	33 39.0	9.0	11.0	14.0	19.0	3.0	0.0	0.0
	LHK0023				92 58.0						.05	.1

COUNTY NAME: PERRY												

CEDAR	ARU0163	SOUTH FOURCHE LAKE			34 52.0	220.0	302.0	115.0	115.0	0.0	0.0	0.0
	SWL0064	FAVE RIVER			93 3.0						5.11	11.1
LOCK AND DAM NO 4	AR00167	ARKANSAS RIVER	N	DAEN SWL	34 14.4	158658.0	41572.0	38.0	38.0	77.0	0.0	0.0
	SWL5000				91 54.2						491.53	1076.6
LOCK AND DAM NO 3	AR00168	ARKANSAS RIVER	N	DAEN SWL	34 9.6	158937.0	40368.0	20.0	36.0	50.0	0.0	0.0
	SWL5001				91 40.7						228.28	529.8
DAM NO 2	AR00169	ARKANSAS RIVER	N	DAEN SWL	33 58.8	160427.0	40746.0	14.0	31.0	133.0	0.0	0.0
	SWL5002				91 11.9						177.83	384.5
HARRIS BRAKE DAM	ARC0633	COFFEE CREEK	R	ARK GAME + FISH COMM	34 59.2	19.3	23.0	23.0	30.0	16.0	0.0	0.0
	SWL0065				92 46.5						.12	.2

COUNTY NAME: PHILLIPS												

LOCK AND DAM NO 1	ARU0168	MISSISSIPPI RIVER			34 22.5	941741.0	490906.0	18.0	18.0	0.0	0.0	0.0
	LHM0005				90 40.5						1756.95	76399.5
STORM CREEK LAKE DAM	AR00971	STORM CREEK	R	USDA FS	34 36.0	10.9	16.0	48.0	57.0	8.0	0.0	0.0
	LHM0006				90 37.0						.16	.4

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ARKANSAS

(07/09/79)

PROJECT NAME	* IDENT NUMBER *	* NAME OF STREAM CR RIVER *	* PROJ PUMP * (2) *	* OWNER *	* LATITUDE * LONGITUDE * (DN,M) *	* DRAINAGE AREA * (SQ MI) *	* AVERAGE ANNUAL INFLOW * (CF8) *	* NET POWER * (FT) *	* HEIGHT OF DAM * (FT) *	* MAXIMUM STORAGE * (1000 AC FT) *	* CAPACITY * (MW) * (3) *	* ENERGY * (GWH) * (3) *

COUNTY NAME: PIKE												

FERC POWER SUPPLY AREA 33												

FERC REGIONAL OFFICE CODE FW												

RIGGSBLUFF DAM	* ARU0124 *	* LITTLE MISSOURI RIVER *	* HCR *	* DAEN LMK *	* 34 30,0 * * 93 43,0 *	* 245.0 *	* 402. *	* 26. *	* 35. *	* 12. *U	* 0. *U	* 0. *
	* LMK0024 *									*T	* 2.21 *T	* 15.6 *
HURFREESBORO RES	* ARU0125 *	* MUDDYFURK CR *	* CR *	* DAEN LMK *	* 34 5,0 * * 93 40,0 *	* 121.0 *	* 199. *	* 55. *	* 74. *	* 151. *U	* 0. *U	* 0. *
	* LMK0025 *									*T	* 2.26 *T	* 15.8 *
LAKE GREESON	* AR00154 *	* LITTLE MISSOURI RIVER *	* HCR *	* DAEN LMK *	* 34 8,9 * * 93 42,9 *	* 273.0 *	* 399. *	* 132. *	* 184. *	* 601. *E	* 25.50 *E	* 131.6 *
	* LMK0026 *									*N	* 0. *N	* 0. *

COUNTY NAME: POLK												

FERC POWER SUPPLY AREA 33												

FERC REGIONAL OFFICE CODE FW												

MULTIPURPOSE STRUCTURE NO 1	* ARU0901 *	* IRONS FORK CREEK *	* S *	* CITY OF MENA *	* 34 38,4 * * 94 7,3 *	* 34.0 *	* 40. *	* 61. *	* 82. *	* 16. *E	* 0. *E	* 0. *
	* LMK0027 *									*N	* .74 *N	* 1.1 *
LAKE WILHELMENA	* AR00905 *	* POWELL CREEK *	* R D *	* ARK GAME + FISH COMM *	* 34 36,0 * * 94 21,0 *	* 14.0 *	* 20. *	* 49. *	* 66. *	* 3. *E	* 0. *E	* 0. *
	* LMK0028 *									*N	* .31 *N	* .5 *

COUNTY NAME: POPE												

FERC POWER SUPPLY AREA 25												

FERC REGIONAL OFFICE CODE FW												

MAUPIN FLAT	* ARU0157 *	* PINEY CREEK *	* * *	* * *	* 35 30,0 * * 93 9,0 *	* 275.0 *	* 405. *	* 140. *	* 140. *	* 0. *U	* 0. *U	* 0. *
	* SWL0066 *									*T	* 18.52 *T	* 31.7 *
WHITE OAK	* ARU0159 *	* ARKANSAS RIVER *	* * *	* * *	* 35 28,0 * * 93 1,0 *	* 282.0 *	* 415. *	* 150. *	* 150. *	* 0. *U	* 0. *U	* 0. *
	* SWL0067 *									*T	* 20.35 *T	* 34.8 *
DOVER	* ARU0160 *	* ILLINOIS BAYOU *	* * *	* * *	* 35 21,0 * * 93 11,0 *	* 320.0 *	* 339. *	* 100. *	* 100. *	* 0. *U	* 0. *U	* 0. *
	* SWL0068 *									*T	* 6.61 *T	* 16.5 *
LAKE ATKINS DAM	* AR00271 *	* KUHN BAYOU *	* R *	* * *	* 35 12,5 * * 92 56,0 *	* 19.1 *	* 22. *	* 15. *	* 19. *	* 5. *E	* 0. *E	* 0. *
	* SWL0069 *									*N	* .07 *N	* .1 *
W FORK PT	* AR00339 *	* CLEAR CREEK *	* C *	* * *	* 35 26,2 * * 92 55,0 *	* 21.6 *	* 25. *	* 13. *	* 18. *	* 4. *E	* 0. *E	* 0. *
	* SWL0070 *									*N	* .07 *N	* .1 *

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ARKANSAS

(07/09/79)

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

COUNTY NAME: 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 BAYOU	*I R	*QUEEN AND OT * *HERS.	* 34 39,0 *	112.6*	157.*	5.*	6.*	28.*E	0.*E	0.*
	LMH00071				* 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	*DDD 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 RIVER	*S	*CITY OF LITTLE ROCK	* 34 51,3 *	137.0*	188.*	53.*	62.*	220.*E	0.*E	0.*
	SWL0073				* 92 29,3 *					*N	1.89*N	3.5
MURRAY LOCK AND DAM	*AR00171*	*ARKANSAS RIVER	*N	*DAEN SWL	* 34 47,5 *	158030.0*	41407.*	16.*	68.*	109.*E	0.*E	0.*
	SWL0074				* 92 21,5 *					*N	206.14*N	451.5
DAVID D TERRY LOCK AND DAM	*AR00172*	*ARKANSAS RIVER	*N	*DAEN SWL	* 34 40,0 *	158288.0*	41472.*	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
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ARKANSAS

(07/09/79)

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

COUNTY NAME: BALINE FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

BENTON MULTIPURPOSE 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 WINONA DAM	* AR00001 * * LMK0033 *	* ALUM FORK CREEK	* SR	* CITY OF LITT * LE ROCK	* 34 47.8 * * 92 51.0 *	* 44.0 *	* 51. * * * *	* 98. * * * *	* 98. * * * *	* 63. *E * *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	* RC	* REYNOLDS ALU * M CU	* 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 *	* CLEAH 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 LAFAYE RIVER	* R	* *	* 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 * * SWT0088 *	* POTEAU RIVER	* C	* SCS DOA	* 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
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF ARKANSAS

(07/09/79)

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

COUNTY NAME: SCOTT					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				

POTEAU RIVER E '5	SIT*ARU0554* *SWT0009*	POTEAU RIVER	*C	*SCS DDA	* 35 1.0 * * 94 3.0 *	10.0*	9,*	35,*	47,*	0,*U	0,*U	0, .14*T .2
POTEAU RIVER E '6	SIT*ARU0555* *SWT0010*	POTEAU RIVER	*C	*SCS DDA	* 35 2.5 * * 94 5.0 *	7.0*	7,*	48,*	65,*	3,*U	0,*U	0, .14*T .2
POTEAU RIVER E '19	SIT*ARU0556* *SWT0011*	POTEAU RIVER	*C	*SCS DDA	* 35 54.0 * * 94 5.6 *	12.0*	13,*	39,*	53,*	5,*U	0,*U	0, .17*T .2
POTEAU RIVER E '15	SIT*ARU0559* *SWT0012*	POTEAU RIVER	*C	*SCS DDA	* 34 56.5 * * 94 12.7 *	14.0*	15,*	41,*	55,*	6,*U	0,*U	0, .21*T .3
POTEAU RIVER E '10	SIT*ARU0560* *SWT0013*	POTEAU RIVER	*C	*SCS DDA	* 34 59.0 * * 94 24.0 *	10.0*	11,*	33,*	44,*	4,*U	0,*U	0, .11*T .2
POTEAU RIVER E '16	SIT*ARU0562* *SWT0014*	POTEAU RIVER	*C	*SCS DDA	* 34 59.4 * * 94 14.8 *	8.0*	7,*	41,*	55,*	3,*U	0,*U	0, .14*T .2
POTEAU RIVER E '12	SIT*ARU0563* *SWT0015*	POTEAU RIVER	*C	*SCS DDA	* 34 55.8 * * 94 16.5 *	7.0*	7,*	48,*	65,*	3,*U	0,*U	0, .14*T .2
POTEAU RIVER E '13	SIT*ARU0564* *SWT0016*	POTEAU RIVER	*C	*SCS DDA	* 34 54.8 * * 94 11.5 *	5.0*	5,*	37,*	50,*	2,*U	0,*U	0, .08*T .1
ARDNAME 150	*AR00842* *SWT0017*	PINEY CREEK	*C	*USDA FS	* 34 21.0 * * 94 14.0 *	5.0*	5,*	35,*	48,*	1,*E	0,*E	0, .07*N .1
	AR00844 *SWT0018*	ROCK CREEK	*C	*F-G LUMBER C	* 34 57.8 * * 94 4.6 *	3.0*	3,*	45,*	61,*	3,*E	0,*E	0, .06*N .1
	AR00847 *SWT0019*	EAST FORK POTEAU RIVER	*C	*HARRY + FRAN *CES AYRES	* 34 56.2 * * 94 2.9 *	20.0*	23,*	30,*	41,*	6,*E	0,*E	0, .21*N .3
ARDNAME 156	*AR00849* *SWT0021*	POTEAU CREEK OFF STREAM	*C	*FRANK BELTER *JCE ERWIN	* 34 56.3 * * 94 2.9 *	180.0*	190,*	21,*	29,*	2,*E	0,*E	0, .78*N 1.4

 L E G E N D

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

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF ARKANSAS

(07/09/79)

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

COUNTY NAME: SCOTT												

ARNOMANE 157	*AR00850	*POTEAU CREEK	*C	*SCS DDA	* 33 55.1	* 5.0	* 5.0	* 36.0	* 49.0	* 3.0	* 0.0	* 0.0
	*SWT0022				* 94 7.0					*N	*.08	*.1
ARNOMANE 159	*AR00852	*CROSS CREEK	*C	*USDA FS	* 34 34.6	* 6.0	* 6.0	* 40.0	* 54.0	* 3.0	* 0.0	* 0.0
	*SWT0023				* 94 15.0					*N	*.10	*.1
ARNOMANE 160	*AR00853	*POTEAU CREEK	*C	*SCS DDA	* 34 54.5	* 4.0	* 4.0	* 31.0	* 42.0	* 1.0	* 0.0	* 0.0
	*SWT0024				* 93 57.8					*N	*.05	*.1
ARNOMANE 162	*AR00855	*POTEAU RIVER OFF	*C	*SCS DDA	* 34 57.0	* 12.1	* 13.0	* 34.0	* 46.0	* 5.0	* 0.0	* 0.0
	*SWT5000	*STREAM			* 94 18.6					*N	*.15	*.2
	*AR00856	*DENTON CREEK	*C	*USDA FS	* 34 50.9	* 5.0	* 5.0	* 49.0	* 66.0	* 3.0	* 0.0	* 0.0
	*SWT0026				* 94 16.8					*N	*.10	*.1
LAKE HINKLE	*AR00857	*JONES CREEK	*C	*S RUSDA FS	* 34 11.0	* 28.0	* 45.0	* 47.0	* 63.0	* 6.0	* 0.0	* 0.0
	*SWT0027				* 94 56.0					*N	*.74	*1.1
ARNOMANE 164	*AR00858	*POTEAU RIVER OFF	*C	*SCS DDA	* 34 51.2	* 30.0	* 35.0	* 43.0	* 58.0	* 1.0	* 0.0	* 0.0
	*SWT0028	*STREAM			* 94 14.5					*N	*.49	*.7

COUNTY NAME: SEARCY												

GILBERT	*AR00174	*BUFFALO RIVER			* 35 59.0	* 825.0	* 1041.0	* 183.0	* 183.0	* 0.0	* 0.0	* 0.0
	*SWL0082				* 92 45.0					*T	*57.28	*101.6

COUNTY NAME: SEBASTIAN												

LOCK AND DAM NO 13	*AR00163	*ARKANSAS RIVER	*N	*DAEN SWL	* 35 21.0	* 150547.0	* 31791.0	* 17.0	* 39.0	* 59.0	* 0.0	* 0.0
	*SWL0083				* 94 17.5					*N	*179.82	*359.8
SUGAR LOAF LAKE	*AR00938	*JOHNSON BRANCH	*R	*O ARKANSAS GAM	* 35 5.8	* 6.0	* 6.0	* 43.0	* 50.0	* 4.0	* 0.0	* 0.0
	*SWT0029			*E + FISH	* 94 23.7					*N	*.11	*.1

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF ARKANSAS

(07/09/79)

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

COUNTY NAME: SEVIER												

FERC POWER SUPPLY AREA 33												

DEQUEEN RESERVOIR	*ARU0013*	ROLLING FORK RIVER	*CSRD	*DAEN SWT	* 34 3.5	* 169.0	* 270.	* 118.	* 160.	* 371.	* 0.	* 0.
R	*SHT0030*	ER			* 94 25.0					*N	* 5.15	* 12.4

GENEVA RESERVOIR	*ARU0016*	COSSATUT RIVER	*HC	*DAEN SWT	* 34 6.0	* 340.0	* 584.	* 98.	* 136.	* 369.	* 0.	* 0.
	SHT0031				* 94 13.0					*T	* 4.67	* 17.4

DIERKS RESERVOIR	*ARU0011*	SALINE RIVER	*CSRD	*DAEN SWT	* 34 8.0	* 114.0	* 182.	* 113.	* 153.	* 160.	* 0.	* 0.
	SHT0032				* 94 6.0					*N	* 3.71	* 8.3

COUNTY NAME: SHARP												

FERC POWER SUPPLY AREA 25												

HARDY	*ARU0008*	SPRING	*CHR		* 36 19.0	* 869.0	* 1130.	* 44.	* 125.	* 0.	* 0.	* 0.
	SWL0084				* 91 28.0					*T	* 5.28	* 22.6

BELL FOLEY	*ARU0009*	STRAWBERRY	*CR		* 36 7.0	* 519.0	* 554.	* 100.	* 100.	* 518.	* 0.	* 0.
	SWL0085				* 91 28.0					*T	* 24.00	* 26.4

RAVENDEN	*ARU0148*	SPRING RIVER			* 36 14.0	* 1000.0	* 998.	* 50.	* 50.	* 0.	* 0.	* 0.
	SWL0086				* 91 16.0					*T	* 6.76	* 30.0

SOUTH FORK	*ARU0181*	SOUTH FORK SPRING			* 36 19.0	* 326.0	* 357.	* 150.	* 150.	* 0.	* 0.	* 0.
	SWL0087	G RIVER			* 91 31.0					*T	* 14.84	* 28.4

LAKE CHEROKEE DAM	*ARU0024*	LITTLE OTTER CREEK	*R		* 36 17.5	* 3.6	* 4.	* 67.	* 83.	* 1.	* 0.	* 0.
	SWL0088	EK			* 91 31.5					*N	* .07	* .1

LAKE THUNDERBIRD DAM	*ARU0025*	BIG OTTER CREEK	*R		* 36 18.0	* 5.5	* 6.	* 65.	* 83.	* 12.	* 0.	* 0.
	SWL0089				* 91 32.0					*N	* .10	* .1

LAKE SHERWOOD DAM	*ARU0025*	FORTY ISLAND CREEK	*R		* 36 19.0	* 9.8	* 10.	* 30.	* 35.	* 2.	* 0.	* 0.
	SWL0090	EK			* 91 28.6					*N	* .08	* .1

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

(07/09/79)

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

COUNTY NAME: ST FRANCIS												

LAKE ST FRANCIS DAM	*AR00427*	*CROW CREEK	*R		* 35 3,6 *	* 14,6 *	* 22, *	* 22, *	* 30, *	* 4, *	* 0, *	* 0, *
	LM00008				* 90 45,4 *					*N	*.10*	*.2

COUNTY NAME: STONE												

HALF MOON	*ARU0150*	*MIDDLE FORK LITT			* 35 45,0 *	* 165,0 *	* 256, *	* 200, *	* 200, *	* 0, *	* 0, *	* 0, *
	SWL0091	*LE RED RIVER			* 92 25,0 *					*U	* 16.41*	* 26.8

COUNTY NAME: UNION												

KIRKLAND MULTPURPOSE RES	*ARU0126*	*SMACKOVER CR	*CR	*DAEN LMK	* 33 22,0 *	* 297,0 *	* 487, *	* 50, *	* 68, *	* 514, *	* 0, *	* 0, *
	LMK0036				* 92 48,0 *					*U	* 2.91*	* 10.7
FELSENTHAL LOCK AND DAM	*ARU0141*	*OUACHITA RIVER	*N	*DAEN LMK	* 33 3,6 *	* 10782,0 *	* 13358, *	* 18, *	* 36, *	* 0, *	* 0, *	* 0, *
	LMK0037				* 92 7,5 *					*U	* 60.13*	* 172.1
CALION LOCK AND DAM	*ARU0142*	*OUACHITA RIVER	*N	*DAEN LMK	* 33 18,4 *	* 6569,0 *	* 9224, *	* 12, *	* 34, *	* 0, *	* 0, *	* 0, *
	LMK0038				* 92 29,0 *					*U	* 36.54*	* 69.8

COUNTY NAME: VAN BUREN												

SHIRLEY	*ARU0151*	*MIDDLE FORK LITT			* 35 39,0 *	* 200,0 *	* 310, *	* 215, *	* 215, *	* 0, *	* 0, *	* 0, *
	SWL0092	*LE RED RIVER			* 92 18,0 *					*U	* 21.38*	* 34.9
RACCOON	*ARU0152*	*DEVILS FORK LITT			* 35 37,0 *	* 200,0 *	* 310, *	* 200, *	* 200, *	* 0, *	* 0, *	* 0, *
	SWL0093	*LE RED RIVER			* 92 3,0 *					*U	* 19.89*	* 32.5
ARCHEY	*ARU0153*	*ARCHEY FORK LITT			* 35 37,0 *	* 115,0 *	* 178, *	* 165, *	* 165, *	* 0, *	* 0, *	* 0, *
	SWL0094	*LE RED RIVER			* 92 30,0 *					*U	* 4.48*	* 11.8
EAST FORK POINT	*AR00315*	*EAST POINT	*C		* 35 27,9 *	* 58,2 *	* 101, *	* 11, *	* 15, *	* 2, *	* 0, *	* 0, *
	SWL0095				* 92 33,5 *					*N	*.24*	*.6

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

(07/09/79)

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

COUNTY NAME: VAN BUREN FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

EAST FORK POINT	*AR00316*	EF POINT	*C*		* 35 28.0 * * 92 34.0 *	26.7*	31.*	10.*	14.*	4.*E	0.*E	0.*
	SWL0096									*N	.07*N	.1
W FORK PT	*AR00328*	BROCK CREEK	*C*		* 35 29.1 * * 92 48.1 *	23.9*	29.*	14.*	19.*	5.*E	0.*E	0.*
	SWL0097									*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 * * 94 25.0 *	12.0*	13.*	54.*	73.*	4.*E	0.*E	0.*
	SWT0033									*N	.24*N	.3
LAKE SEQUOYAH DAM	*AR00288*	WHITE RIVER	*RS*		* 35 54.0 * * 94 7.0 *	400.0*	586.*	9.*	12.*	6.*E	0.*E	0.*
M	*SWL0098*									*N	.46*N	1.8

COUNTY NAME: WHITE FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

JUDSONIA	*ARJ0006*	LITTLE RED	*CHR*		* 35 16.5 * * 91 37.0 *	1463.0*	2450.*	52.*	71.*	417.*U	0.*U	0.*
	SWL0099									*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 * * 93 38.6 *	488.0*	518.*	59.*	80.*	258.*E	0.*E	0.*
	SWL0100									*N	5.86*N	14.8
NIMROD	*AR00158*	FOURCHE LA FAVE	*C*	*DAEN SWL	* 34 57.1 * * 93 .5 *	680.0*	721.*	54.*	73.*	336.*E	0.*E	0.*
	SWL0101									*N	4.34*N	14.0
DARDANELLE LOCK AND DAM	*AR00162*	ARKANSAS RIVER	*NH*	*DAEN SWL	* 35 15.0 * * 93 10.0 *	153703.0*	3647.*	49.*	66.*	486.*E	124.00*E	613.0
	SWL0102									*N	443.61*N	585.7
SPRING LAKE DAM	*AR00754*	SPRING CREEK	*R*	*USDA FS	* 35 9.0 * * 93 25.5 *	28.0*	53.*	50.*	59.*	3.*E	0.*E	0.*
	SWL0103									*N	.53*N	.7

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

(07/09/79)

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

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF FLORIDA

(07/09/79)

PROJECT NAME	* IDENT NUMBER * * (1) *	NAME OF STREAM OR RIVER	* PROJ PURP * * (2) *	OWNER	* LATITUDE * * LONGITUDE *	* 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: CITRUS												

FERC POWER SUPPLY AREA 24 FERC REGIONAL OFFICE CODE												

INGLIS SPILLWAY AND DAM	* FLO0142 * * SAJ0001 *	* WITHLACOOCHEE R *	* NRP *	* DAEN SAJ *	* 29 6.0 * * 82 37.1 *	* 2020.0 *	* 1488.0 *	* 22.0 *	* 30.0 *	* 54.0 *	* 0.0 *	* 0.0 *

COUNTY NAME: GADSDEN												

FERC POWER SUPPLY AREA 24 FERC REGIONAL OFFICE CODE AT												

JIM WOODRUFF LOC K + DAM + POWER	* FLO0438 * * SAM0086 *	* APALACHICOLA RIV *	* NHR *	* COE MDD *	* 30 42.5 * * 84 51.9 *	* 17150.0 *	* 8034800.0 *	* 77.0 *	* 53.0 *	* 406.0 *	* 30.00 *	* 232.4 *

COUNTY NAME: GLADES												

FERC POWER SUPPLY AREA 24 FERC REGIONAL OFFICE CODE												

STRUCTURE 77	* FLO0307 * * SAJ0002 *	* CALOOSATCHEE RIV *	* CSN *	* DAEN SAJ *	* 26 50.3 * * 81 5.2 *	* 5000.0 *	* 960.0 *	* 6.0 *	* 21.0 *	* 8519.0 *	* 0.0 *	* 0.0 *

ORTONA LOCK	* FLO0424 * * SAJ0003 *	* CALOOSAHATCHEE R *	* CH *	* DAEN SAJ *	* 26 46.0 * * 81 18.5 *	* 5258.0 *	* 1000.0 *	* 8.0 *	* 16.0 *	* 101.0 *	* 0.0 *	* 0.0 *

COUNTY NAME: GULF												

FERC POWER SUPPLY AREA 22 FERC REGIONAL OFFICE CODE												

DEAD LAKES DAM	* FLO0103 * * SAM0084 *	* CHIPOLA RIVER *	* RP *	* DEAD LAKES WATER MANAGEM *	* 30 7.5 * * 85 10.7 *	* 1206.0 *	* 542390.0 *	* 16.0 *	* 22.0 *	* 43.0 *	* 0.0 *	* 0.0 *

COUNTY NAME: HIGHLANDS												

FERC POWER SUPPLY AREA 24 FERC REGIONAL OFFICE CODE												

STRUCTURE 68	* FLO0282 * * SAJ0004 *	* CANAL 41A *	* CI *	* C+SF FCD *	* 27 18.1 * * 81 15.1 *	* 622.0 *	* 109604.0 *	* 7.0 *	* 15.0 *	* 418.0 *	* 0.0 *	* 0.0 *

COUNTY NAME: HILLSBOROUGH												

FERC POWER SUPPLY AREA 24 FERC REGIONAL OFFICE CODE												

CITY OF TAMPA WATERWORKS DAM	* FLO0169 * * SAJ0005 *	* HILLSBOROUGH RIV *	* S *	* CITY OF TAMPA *	* 28 1.5 * * 82 25.9 *	* 650.0 *	* 598.0 *	* 20.0 *	* 27.0 *	* 11.0 *	* 0.0 *	* 0.0 *

L E G E N D

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF FLORIDA

(07/09/79)

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

COUNTY NAME: LAKE												

EUGENE J BURRELL LOCK + D	*FL00435*	HAINES CREEK	*CN *SFWMD		* 28 51.9 * * 81 47.1 *	648.0*	260.*	4.*	14.*	190.*E	0.*E	0.*

COUNTY NAME: LEE												

W P FRANKLIN LOCK + DAM	*FL00310*	CALOCOSAHATCHEE RIVER	*NCSR *DAEN SAJ		* 26 43.3 * * 81 41.6 *	5900.0*	1400.*	3.*	12.*	32.*E	0.*E	0.*

COUNTY NAME: MANATEE												

LAKE MANATEE DAM	*FL00280*	MANATEE RIVER	*S *MANATEE CO		* 27 29.4 * * 82 20.0 *	123.0*	168.*	37.*	50.*	47.*E	0.*E	0.*

COUNTY NAME: MARION												

MOSS BLUFF LOCK AND SPILLWAY	*FL00145*	OKLAHAWA R	*NOCR *SJMMD		* 29 4.0 * * 81 52.9 *	879.0*	319.*	21.*	28.*	146.*E	0.*E	0.*

COUNTY NAME: MARTIN												

STRUCTURE 80 ST/LUCIE LOCK + DAM	*FL00425*	ST LUCIE CANAL	*IHCNS *DAEN SAJ		* 27 6.5 * * 80 17.3 *	5225.0*	980.*	13.*	17.*	8519.*E	.09*E	.1

COUNTY NAME: NASSAU												

MACCLENNY	*FL00004*	ST MARYS RIVER	*HR *		* 30 21.6 * * 82 5.2 *	720.0*	700.*	69.*	80.*	970.*U	0.*U	0.*

ST GEORGE	*FL00005*	ST MARYS RIVER	*HR *		* 30 28.5 * * 82 1.0 *	863.0*	790.*	19.*	25.*	23.*U	0.*U	0.*

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF FLORIDA

(07/09/79)

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

COUNTY NAME: OKALOOSA												

CRESTVIEW	*FL00001*	*YELLOW RIVER	*C+SF FCD		* 30 0. *	* 616.0 *	* 1442. *	* 67. *	* 90. *	* 420. *U	* 0. *U	* 0. *
	SAN0085				* 87 0. *					* 20.40 *T	* 65.8 *	

COUNTY NAME: OKECHOBEE												

STRUCTURE 65B	*FL00286*	*CANAL 38 KISSIMMEE RIVER	*C+SF FCD		* 27 28.9 *	* 2023.0 *	* 1355. *	* 6. *	* 19. *	* 8. *E	* 0. *E	* 0. *
	SAJ0011				* 81 9.9 *					* 2.20 *N	* 6.1 *	
STRUCTURE 65C	*FL00287*	*CANAL 38 KISSIMMEE RIVER	*C+SF FCD		* 27 24.1 *	* 2742.0 *	* 1823. *	* 7. *	* 20. *	* 6. *E	* 0. *E	* 0. *
	SAJ0012				* 81 7.5 *					* 3.48 *N	* 9.7 *	
STRUCTURE 65D	*FL00288*	*CANAL 38 KISSIMMEE RIVER	*C+SF FCD		* 27 18.9 *	* 2879.0 *	* 1912. *	* 6. *	* 21. *	* 8. *E	* 0. *E	* 0. *
	SAJ0013				* 81 1.5 *					* 3.13 *N	* 8.7 *	
STRUCTURE 65E	*FL00290*	*CANAL 38 KISSIMMEE RIVER	*C+SF FCD		* 27 13.5 *	* 2960.0 *	* 1965. *	* 5. *	* 30. *	* 7. *E	* 0. *E	* 0. *
	SAJ0014				* 80 57.5 *					* 2.68 *N	* 7.5 *	

COUNTY NAME: OSCEOLA												

STRUCTURE 65	*FL00271*	*KISSIMMEE RIVER	*C+SF FCD		* 27 49.0 *	* 1607.0 *	* 1084. *	* 4. *	* 19. *	* 730. *E	* 0. *E	* 0. *
	SAJ0015				* 81 11.9 *					* .39 *N	* 2.3 *	

COUNTY NAME: PUTNAM												

RODMAN DAM	*FL00156*	*OKLAHAMA R	*MR	*DAEN SAJ	* 29 30.0 *	* 2747.0 *	* 1630. *	* 13. *	* 24. *	* 220. *E	* 0. *E	* 0. *
	SAJ0016				* 81 48.6 *					* 3.91 *N	* 15.1 *	

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STATE OF GEORGIA

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

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * * (1) *	* NAME OF STREAM * OR RIVER	* PRPJ * * PURP * * (2) *	OWNER	* LATITUDE * * LONGITUDE * * (DM,M) *	* DRAINAGE * * AREA * * (SQ MI) *	* AVERAGE * * 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	*GAU0074*	BIG SATILLA CREEK	*IR*		* 31 31,7 *	252.0*	260.*	36.*	47.*	151.*U	0.*U	0.*
K	*SAS0003*				* 82 13,5 *					*T	1,53*T	3,9

COUNTY NAME: ATKINSON												

FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												

AXSON	*GAU0072*	SATILLA RIVER	*IR*		* 31 18,5 *	400.0*	470.*	24.*	35.*	125.*U	0.*U	0.*
	SAS0004				* 82 42,4 *					*T	1,74*T	4,6

PEARSON	*GAU0133*	SATILLA RIVER	*H*		* 31 20,0 *	355.0*	993.*	25.*	34.*	44.*U	0.*U	0.*
	SAS0005				* 82 46,1 *					*T	1,65*T	4,3

COUNTY NAME: BALDWIN												

FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												

LAKE SINCLAIR	*GA00836*	DCONEE	*HR*	GEORGIA POWE	* 33 8,4 *	2900.0*	3300.*	96.*	98.*	334.*E	45,00*E	160,0
	SAS0007			R CO	* 83 12,2 *					*N	35,68*N	46,0

COUNTY NAME: BARROW												

FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												

MARBURY CREEK NO 24	*GA00604*	MARBURY CREEK	*CSR*	STATE	* 33 57,8 *	10.0*	13.*	33.*	44.*	4.*E	0.*E	0.*
	SAS0008				* 83 43,5 *					*N	.09*N	.2

COUNTY NAME: BARTON												

FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												

KINGSTON	*GAU0011*	ETOWAH RIVER			* 34 14,0 *	687.0*	1209.*	52.*	70.*	83.*U	0.*U	0.*
	SAM0087				* 84 55,9 *					*T	17,69*T	41,9

ALLATOONA LAKE	*GA00825*	ETOWAH RIVER	*CHR*	DAEN S&P	* 34 9,9 *	1110.0*	0.*	140.*	190.*	670.*E	74,00*E	169,0
	SAM0088				* 84 4,4 *					*N	0.*N	0.*

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

(07/09/79)

PROJECT NAME	* IDENT NUMBER * (1)	* NAME OF STREAM OR RIVER	* PROJ PURP * (2)	OWNER	*LATITUDE * (DM,M)	* DRAINAGE AREA * (SQ MI)	* AVERAGE ANNUAL INFLOW * (CFS)	* NET POWER HEAD * (FT)	* HEIGHT OF DAM * (FT)	* MAXIMUM STORAGE * (1000 AC FT)	* CAPACITY * (3)	* ENERGY * (GWH)
COUNTY NAME: BIBB					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
LAKE TOBESOFKEE	*GA00201*	*TOBESOFKEE CREEK	*SRO	*BIBB COUNTY	* 32 50.0 *	* 180.0 *	* 200. *	* 41. *	* 54. *	* 46. *	*E	* 0. *
	SAS0009				* 83 46.0 *						*N	* 1.69*N
COUNTY NAME: BURKE					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
LOWER BRIER CREEK	*GAU0094*	*BRIER CREEK	*CSR		* 33 9.8 *	* 472.0 *	* 540. *	* 15. *	* 60. *	* 244. *	*U	* 0. *
	SAS0010				* 82 2.5 *						*T	* 1.66*T
COUNTY NAME: BUTTS					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
LAMAR FERRY	*GAU0080*	*OCHULGEE RIVER	*H		* 33 14.5 *	* 1514.0 *	* 1800. *	* 38. *	* 45. *	* 20. *	*U	* 0. *
	SAS0013				* 83 49.0 *						*T	* 12.90*T
MCKAY CREEK	*GAU0090*	*SOUTH RIVER	*HR		* 33 26.0 *	* 557.0 *	* 650. *	* 52. *	* 59. *	* 130. *	*U	* 0. *
	SAS0014				* 83 55.0 *						*T	* 7.99*T
MCINTOSH LAKE	*GA01038*	*BIG SANDY CREEK	*R	*STATE OF GEO	* 33 14.9 *	* 14.0 *	* 17. *	* 43. *	* 46. *	* 1. *	*E	* 0. *
	SAS0015			*RGIA	* 83 55.6 *						*N	* .14*N
COUNTY NAME: CAMDEN					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
BURNT FORK	*GAU0130*	*SATILLA RIVER	*H		* 30 57.0 *	* 3070.0 *	* 2790. *	* 40. *	* 54. *	* 1790. *	*U	* 0. *
	SAS0016				* 81 53.5 *						*T	* 24.37*T
COUNTY NAME: CARROLL					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				
CEDAR CREEK	*GAU0001*	*CHATTAHOOCHEE RI			* 33 29.6 *	* 2430.0 *	* 4090. *	* 50. *	* 60. *	* 297. *	*U	* 0. *
	SAM0089	*VER			* 84 52.9 *						*T	* 41.91*T
LAKE BUCKHORN	*GA00131*	*LITTLE TALLAPOOS	*CRS		* 33 42.0 *	* 31.0 *	* 49. *	* 21. *	* 28. *	* 19. *	*E	* 0. *
	SAM0090	*A RIVER			* 85 .5 *						*N	* .18*N

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF GEORGIA

(07/09/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ PURP	OWNER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CF9)	NET POWER HEAD (FT)	HEIGHT DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH)
	(1)		(2)								(3)	(3)

COUNTY NAME: CHARLTON FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												

SATILLA ST, MARY	*GAU00134*	SATILLA ST, MARY	*M*		* 30 52.0 *	4450.0*	2790.*	37.*	50.*	3700.*U	0.*U	0.*
	SAS0017				* 81 55.0 *					*T 36.73*T	77.4	

COUNTY NAME: CHEROKEE FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												

GILMER	*GAU0014*	ETOWAH RIVER			* 34 0. *	395.0*	525.*	118.*	160.*	370.*U	0.*U	0.*
	SAM0091				* 84 0. *					*T 14.21*T	39.6	

CANTON	*GAU0015*	ETOWAH RIVER			* 34 0. *	590.0*	1006.*	60.*	60.*	0.*U	0.*U	0.*
	SAM0092				* 65 0. *					*T 15.11*T	42.1	

SHOAL CREEK	*GAU0021*	SHOAL CREEK			* 35 0. *	200.0*	332.*	100.*	100.*	0.*U	0.*U	0.*
	SAM0093				* 85 0. *					*T 5.10*T	16.3	

COUNTY NAME: CLARKE FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												

BARNETT SHOALS	*GAU1900*	DCONEE RIVER	*HR*	*GEORGIA POWE*	* 33 50.3 *	835.0*	1200.*	49.*	50.*	3.*E	2.80*E	15.0
	SAS0018			*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	*GAU0005*	CHATTahoochee RI			* 33 52.2 *	1451.0*	2897.*	39.*	43.*	0.*U	0.*U	0.*
	SAM0094	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	*GA00641*	SAVANNAH RIVER	*SU*	*CITY OF AUGU*	* 33 33.1 *	7174.0*	9900.*	5.*	14.*	3.*E	0.*E	0.*
VERSION	*SAS0019*			*STA	* 82 2.3 *					*N 4.32*N	25.7	

CLARK HILL LAKE	*GAQ1701*	SAVANNAH RIVER	*CNMO*	*DAEN SAS	* 33 39.7 *	6144.0*	8860.*	138.*	168.*	3850.*E	280.00*E	735.0
	SAS0020				* 82 11.9 *					*N 0.*N	0.*	

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF GEORGIA

(07/09/79)

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

COUNTY NAME: CRISP												

GOAT ROCK LAKE	*GA00826*	*CHATTAHOOCHEE	*HR	*GEORGIA PWR	*32 36.3*	*4520.0*	*7270.*	*58.*	*68.*	*11.*E	*26.00*E	*169.4
	SAM0095			*CO	*85 4.7*					*N	*71.04*N	*113.1
LAKE BLACKSHEAR	*GA00831*	*FLINT	*HR	*CRISP COUNTY	*31 51.3*	*3600.0*	*4346.*	*36.*	*42.*	*140.*E	*15.20*E	*59.0
	SAM0096			*PWR COMM	*83 56.5*					*N	*22.60*N	*52.5

COUNTY NAME: DADE												

GANONAMES60	*GA00128*	*HURRICANE CK	*R	*DR JOE JOHNS	*34 46.3*	*1.0*	*61.*	*32.*	*43.*	*0.*E	*0.*E	*0.
	DRN0013			*DN	*85 29.3*					*N	*.51*N	*1.2

COUNTY NAME: DAWSON												

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												

STONE MOUNTAIN ARK LAKE	*GA001325*	*TR STONE MOUNTAIN CREEK	*R	*STATE OF GEO	*33 47.4*	*18.0*	*25.*	*27.*	*35.*	*7.*E	*0.*E	*0.
	SAM0099			*NGIA	*84 7.5*					*N	*.17*N	*.4

COUNTY NAME: DODGE												

ABBEYVILLE	*GA00070*	*DCHULGEE 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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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF GEORGIA

(07/09/79)

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

COUNTY NAME: DOOLY												

MOUNTAIN CREEK	GAU0019	FLINT RIVER			33 0.	3192.0	3932.	25.	36.	194.	0.	0.
	SAM0100				84 0.						23.50	64.2

COUNTY NAME: DOUGHERTY												

FLINT RIVER RESERVOIR	GA00835	FLINT RIVER	H R	GEORGIA POWER	31 36.1	4180.0	5047.	31.	42.	33.	5.40	33.9
	SAM0101			R CO	84 .8						32.77	74.7

COUNTY NAME: DOUGLAS												

GEORGE H SPARKS RESERVOIR	GA01143	DRY CREEK	R		33 45.5	14.0	22.	24.	30.	4.	0.	0.
	SAM0102				84 37.8						.10	.3

COUNTY NAME: ELBERT												

RICHARD B RUSSELL LAKE	GAU0064	SAVANNAH RIVER	MCNR	DAEN SAS	34 1.5	2900.0	5100.	161.	178.	1488.	300.00	365.3
	SAS0025				82 35.7						0.	0.
TALLOW HILL	GAU0066	ROAD RIVER	HR		34 5.6	749.0	740.	170.	205.	1600.	0.	0.
	SAS0026				83 1.7						29.83	92.6
BEAVERDAM CREEK NO 30	GA00409	LITTLE BEAVERDAM CREEK			34 12.6	20.0	35.	18.	42.	5.	0.	0.
	SAS0027				82 57.8						.18	.5

COUNTY NAME: EMANUEL												

KEAS OLD MILL NO	GA01256	MULEPEN CREEK	R		32 31.4	20.0	21.	16.	20.	7.	0.	0.
	SAS0028				82 31.7						.07	.2

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF GEORGIA

(07/09/79)

PROJECT NAME	* IDENT NUMBER * (1)	NAME OF STREAM OR RIVER	* PROJ PURP * (2)	OWNER	*LATITUDE * *LONGITUDE * (DM,M)	* DRAINAGE AREA * (SQ MI)	* AVERAGE ANNUAL INFLOW * (CF8)	* NET POWER HEAD * (FT)	* HEIGHT OF DAM * (FT)	* MAXIMUM STORAGE (1000 AC FT)	* CAPACITY (MW)	* ENERGY (GWH)

COUNTY NAME: PANNIN												

LAKE TOCCOA	*GAU0114*	TOCCOA RIVER	*HR*	*TVA*	* 34 53,0 * * 84 16,8 *	232.0*	626.*	113.*	153.*	196.*E	20.00*E	35.0
	ORN0014									*N	0.*N	0.

COUNTY NAME: FLOYD												

ARMUCHEE	*GAU0023*	OSTANAULA RIVER			* 34 22,3 * * 85 7,2 *	1900.0*	3344.*	44.*	60.*	345.*U	0.*U	0.
	SAM0103									*T	41.94*T	99.3
ROCKY MOUNTAIN	*GAU0025*	ARMUCHEE CREEK			* 34 21,0 * * 85 18,0 *	1.0*	1.*	501.*	678.*	16.*U	0.*U	0.
	SAM0104									*T	.13*T	.3

COUNTY NAME: FORSYTH												

LAKE SIDNEY LANE ER	*GAO0824*	CHATTAHOOCHEE RIVER	*CHR*	*DAEN SAM*	* 34 9,6 * * 84 4,4 *	1040.0*	0.*	149.*	193.*	2554.*E	86.00*E	170.0
	SAM0105									*N	0.*N	0.

COUNTY NAME: FULTON												

MORGAN FALLS RES ERVQIR	*GAO0842*	CHATTAHOOCHEE RIVER	*HSR*	*GEORGIA PWK * *CU*	* 33 58,1 * * 84 23,1 *	1370.0*	2735.*	48.*	56.*	3.*E	16.80*E	66.2
	SAM0106									*N	10.83*N	23.2

COUNTY NAME: GILMER												

CARTECAY	*GAU0012*	CARTECAY RIVER			* 35 0, * * 84 0, *	136.0*	338.*	149.*	201.*	160.*U	0.*U	0.
	SAM0107									*T	11.81*T	33.4
WATERSHED NO. 5 CARTECAY RIVER	*GAO0622*	STOVER CREEK	*C*	*W. L. BEARDE*	* 34 40,0 * * 84 17,5 *	20.0*	47.*	45.*	61.*	1.*E	0.*E	0.
	SAM0108			*N*						*N	.40*N	1.4
NOBLIN DAM	*GAO0625*	ANDERSON CREEK	*C*	*E. NOBLIN*	* 34 37,8 * * 84 19,1 *	17.0*	40.*	41.*	56.*	2.*E	0.*E	0.
	SAM0109									*N	.31*N	1.1

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF GEORGIA

(07/09/79)

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

COUNTY NAME: GILMER												

FERC POWER SUPPLY AREA 23												

FERC REGIONAL OFFICE CODE												

GIBSON DAM	*GA00627*	KELLS CREEK	*C	*W.G. GIBSON	* 34 44,6 * * 84 29,1 *	7.0*	16.*	41.*	56.*	2.*E	0.*E	0.*
	SAH0110									*N	0.13*N	0.5
THOMAS DAM	*GA00630*	BOARDTOWN CREEK	*C	*O. THOMAS	* 34 47,2 * * 84 25,6 *	9.0*	21.*	44.*	60.*	2.*E	0.*E	0.*
	SAH0111									*N	0.18*N	0.6
ALLEN DAM	*GA00631*	ROCK CREEK	*C	*I. ALLEN	* 34 46,8 * * 84 22,8 *	10.0*	23.*	43.*	58.*	2.*E	0.*E	0.*
	SAH0112									*N	0.19*N	0.7
WATERSHED NO. 10	*GA00632*	CHERRYLOG CREEK	*C	*W. PATTERSON	* 34 47,1 * * 84 24,1 *	14.0*	33.*	26.*	35.*	2.*E	0.*E	0.*
ELLIJAY RIVER	*SAH0113*									*N	0.16*N	0.6
DAVENPORT DAM	*GA00634*	MOUNTAINTOWN CRE	*C	*F. DAVENPORT	* 34 47,5 * * 84 31,8 *	11.0*	26.*	50.*	68.*	3.*E	0.*E	0.*
	SAM0114	WEEK TR.								*N	0.24*N	0.9

COUNTY NAME: GORDON												

FERC POWER SUPPLY AREA 20												

FERC REGIONAL OFFICE CODE AT												

JACKS	*GAU0013*	JACKS RIVER			* 35 0, * * 85 0, *	87.0*	188.*	140.*	190.*	49.*U	0.*U	0.*
	SAH0115									*T	4.95*T	18.1

COUNTY NAME: HABERSHAM												

FERC POWER SUPPLY AREA 23												

FERC REGIONAL OFFICE CODE AT												

IRWINS BRIDGE	*GAU0007*	CHATTAHOOCHEE RI			* 35 0, * * 84 0, *	152.0*	378.*	88.*	103.*	24.*U	0.*U	0.*
	SAH0116	VER								*T	7.78*T	22.0
TUGALO LAKE	*GA00843*	TUGALO RIVER	*HR	*GEORGIA FWR	* 34 42,8 * * 83 21,2 *	464.0*	1150.*	142.*	144.*	34.*E	45.00*E	108.0
	SAS0029			*CD						*N	0.*N	0.*
LAKE RUSSELL	*GA00855*	NANCY TOWN	*R	*USDA FS	* 34 29,2 * * 83 30,7 *	7.0*	846.*	49.*	58.*	4.*E	0.*E	0.*
	SAS0030									*N	0.31*N	0.9

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF GEORGIA

(07/09/79)

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

COUNTY NAME: HALL												

FERC POWER SUPPLY AREA 23												

FERC REGIONAL OFFICE CODE AT												

MUD CREEK	*GAU0004*	MUD CREEK	*	*	* 34 0, *	* 377.0 *	* 502, *	* 96, *	* 130, *	* 87, *	* 0, *	* 0, *
	SAH0117		*	*	* 84 0, *	*	*	*	*	*T	* 11.02*	*T 30.7

COUNTY NAME: HARRIS												

FERC POWER SUPPLY AREA 23												

FERC REGIONAL OFFICE CODE AT												

NEW RIVERVIEW	*GAU0026*	CHATTAHOOCHEE RI	*	*	* 32 46,5 *	* 3660.0 *	* 5867, *	* 39, *	* 39, *	* 0, *	* 0, *	* 0, *
	SAH0118	VER	*	*	* 85 12,3 *	*	*	*	*	*T	* 53.02*	*T 154.4

LAKE HARDING	*GA00830*	CHATTAHOOCHEE	*MR	*GEORGIA POWE	* 32 39,8 *	* 4240.0 *	* 0, *	* 120, *	* 141, *	* 124, *	* 65.00*	*E 416.9
	SAH0119		*	*R COMPANY	* 85 5,4 *	*	*	*	*	*N	* 100.00*	*N 178.1

COUNTY NAME: HART												

FERC POWER SUPPLY AREA 23												

FERC REGIONAL OFFICE CODE AT												

HARTNELL LAKE	*GA01702*	SAVANNAH RIVER	*CNHD	*DAEN SAS	* 34 21,4 *	* 2086.0 *	* 4200, *	* 177, *	* 199, *	* 3439, *	* 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	*GAU0006*	CHATTAHOOCHEE RI	*	*	* 33 0, *	* 2680.0 *	* 4311, *	* 55, *	* 56, *	* 176, *	* 0, *	* 0, *
	SAH0120	VER	*	*	* 85 0, *	*	*	*	*	*T	* 54.75*	*T 159.4

COUNTY NAME: HENRY												

FERC POWER SUPPLY AREA 23												

FERC REGIONAL OFFICE CODE AT												

PEACHSTONE	*GAU0067*	SOUTH RIVER	*HR	*	* 33 37,0 *	* 372.0 *	* 500, *	* 106, *	* 116, *	* 230, *	* 0, *	* 0, *
	SAS0032		*	*	* 84 6,8 *	*	*	*	*	*T	* 11.09*	*T 31.7

SPIVEY LAKE	*GA01561*	TH RUM CREEK	*R	*DR SPIVEY	* 33 31,2 *	* 13.0 *	* 16, *	* 32, *	* 36, *	* 3, *	* 0, *	* 0, *
	SAS0033		*	*	* 84 16,7 *	*	*	*	*	*N	* .09*	*N .2

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POTENTIAL HYDROPOWER SITES
IN THE STATE OF GEORGIA

(07/09/79)

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

COUNTY NAME: HOUSTON												

FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												

HOUSTON LAKE	GA00238	HOSBY CREEK	R	HOUSTON LAKE	32 30.1	110.0	140.0	18.0	20.0	2.0	0.0	0.0
	SAS0034			COUNTRY CLUB	83 39.9					N	.49	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	308.0	76.0	99.0	249.0	0.0	0.0
	SAS0035	ER			83 27.8					T	4.18	11.7
TALASSEE	GA00087	MIDDLE OCONEE RI	HR		34 .4	364.0	490.0	97.0	91.0	262.0	0.0	0.0
	SAS0036	VER			83 32.0					T	10.74	29.9

COUNTY NAME: JASPER												

FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												

MONTECELLO	GA00085	MURDER CREEK	HR		33 20.5	46.0	120.0	61.0	75.0	40.0	0.0	0.0
	SAS0037				83 40.0					T	.89	2.4
LLOYD SHOALS	GA00487	OCHULGEE RIVER	HR	GA POWER CO	33 19.3	1400.0	1700.0	100.0	102.0	107.0	144.00	67.0
	SAS0038				83 50.5					N	0.0	0.0

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	130.0	20.0	30.0	102.0	0.0	0.0
	SAS0040				82 36.8					T	.40	.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	490.0	17.0	53.0	446.0	0.0	0.0
	SAS0041				82 17.8					T	1.62	5.0

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF GEORGIA

(07/09/79)

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

COUNTY NAME: JONES												
FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												

DAMES FERRY	*GAU0079*	*DCHULGEE RIVER	*H	*	* 33 1.5 *	* 2118.0 *	* 3000. *	* 27. *	* 32. *	* 29. *U	* 0. *U	* 0. *
	SAS0042				* 83 43.5 *					*T	* 16.84 *T	* 46.0 *

COUNTY NAME: LIBERTY												
FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												

CANDOCHEE CREEK LAKE	*GA01718*	*CANDOCHEE CREEK	*CRD	*	* 32 1.0 *	* 30.0 *	* 26. *	* 14. *	* 15. *	* 2. *E	* 0. *E	* 0. *
	SAS0044				* 81 44.5 *					*N	* .08 *N	* .2 *

COUNTY NAME: LUMPKIN												
FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												

NEW BRIDGE	*GAU0003*	*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 30.6 *	* 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	*GAU0002*	*FLINT RIVER	*	*	* 32 0. *	* 2366.0 *	* 2981. *	* 39. *	* 48. *	* 414. *U	* 0. *U	* 0. *
	SAM0125				* 84 0. *					*T	* 26.64 *T	* 78.4 *

HIGHTOWER SHOALS	*GAU0008*	*FLINT RIVER	*	*	* 32 0. *	* 1231.0 *	* 25680. *	* 70. *	* 70. *	* 0. *U	* 0. *U	* 0. *
	SAM0126				* 84 0. *					*T	* 24.88 *T	* 73.2 *

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF GEORGIA

(07/09/79)

PROJECT NAME	* IDENT NUMBER * (1)	NAME OF STREAM CR RIVER	* PROJ * PURP (2)	OWNER	*LATITUDE * *LONGITUDE * (DM,M) (SQ MI)	DRAINAGE AREA * (CFS)	AVERAGE ANNUAL FLOW * (CFS)	NET POWER * (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 7	2*GA00426* *SAS0045*	SOUTH RIVER	*C*		* 34 9,0 * * 83 17,0 *	23,0*	38,*	18,*	44,*	6,*E *N	0,*E .22*N	0, .7
SOUTH RIVER NO 9	2*GA00427* *SAS0046*	BRUSH CREEK	*C*		* 34 4,0 * * 83 13,6 *	30,0*	46,*	9,*	37,*	7,*E *N	0,*E .24*N	0, .7

COUNTY NAME: MERIWETHER			FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE						

CANE RIVER CREEK NO. 2	*GA01097* *SAM0127*	POUNDS BRANCH	*SCR*	*SCS	* 32 57,9 * * 84 36,7 *	6,0*	11,*	25,*	34,*	3,*E *N	0,*E .07*N	0, .2

COUNTY NAME: MITCHELL			FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT						

LOWER VADA	*GAU0017* *SAH0128*	FLINT RIVER			* 31 0, * * 84 0, *	7112,0*	829C,*	36,*	49,*	11,*U *T	0,*U 65,48*T	0, 210,1

COUNTY NAME: MONROE			FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT						

JACKSON BRIDGE	*GAU0089* *SAS0047*	TOWALIGA RIVER	*HR*		* 33 7,2 * * 83 54,7 *	322,0*	440,*	73,*	80,*	92,*U *T	0,*U 6,49*T	0, 18,5
TOBESOFKEE CREEK NO 70	*GA01041* *SAS0048*	LITTLE TOBESOFKEE CREEK	*C*		* 32 57,7 * * 84 2,6 *	16,0*	24,*	14,*	30,*	5,*E *N	0,*E .08*N	0, .2
HIGH FALLS LAKE	*GA01901* *SAS0049*	TOWALIGA RIVER	*R*	*STATE PARK	* 33 6,0 * * 83 47,9 *	128,0*	214,*	36,*	49,*	14,*E *N	0,*E 1,63*N	0, 4,8
JULIETTE DAM	*GA01902* *SAS0050*	OCMULGEE RIVER	*H*	*TRIG MANUFAC * *TURING	* 33 6,0 * * 83 47,8 *	1960,0*	2100,*	18,*	19,*	2,*E *N	0,*E 3,45*N	0, 20,4

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

(07/09/79)

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

COUNTY NAME: MORGAN					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				

LAKE RUTLEDGE	*GA00460*	HARD LABOR CREEK	*R	*STATE PARK	* 33 30.5 *	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 AT				

REREGULATION POOL	*GA00622*	COOSAWATTEE RIVER	*HR	*DAEN SAM	* 34 36.2 *	530.0*	946.*	39.*	46.*	19.*E	0.*E	0.*
L	*SAH0129*				* 84 41.8 *					*N	5.49*N	10.6

COUNTY NAME: MUSCOGEE					FERC POWER SUPPLY AREA 23			FERC REGIONAL OFFICE CODE AT				

COLUMBUS	*GAU0010*	CHATTAHOOCHEE RIVER	*R		* 32 25.7 *	4640.0*	6776.*	33.*	33.*	0.*U	0.*U	0.*
	SAH0130	VER			* 85 0. *					*T	49.00*T	150.1
OLIVER LAKE	*GA00837*	CHATTAHOOCHEE	*HK	*GEORGIA PWR	* 32 30.9 *	4600.0*	6718.*	48.*	57.*	32.*E	60.00*E	265.9
	SAH0131			*CU	* 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.*
	SAH0132				* 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	*BIRB 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

L E G E N D

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(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF GEORGIA

(07/09/79)

PROJECT NAME	* IDENT NUMBER * (1)	* NAME OF STREAM OR RIVER	* PROJ PURP * (2)	OWNER	* LATITUDE * (DM, M)	* DRAINAGE AREA * (SQ MI)	* AVERAGE ANNUAL INFLW * (CF8)	* NET POWER * (FT)	* HEIGHT OF DAM * (FT)	* MAXIMUM STORAGE * (1000 AC FT)	* CAPACITY * (MH)	* ENERGY * (GWH)

COUNTY NAME: OCONEE												

HIGH SHOALS	*GA00092*	*APALACHEE RIVER	*HR		* 33 49.0 *	* 151.0 *	* 260. *	* 110. *	* 60. *	* 34. *U	* 0. *U	* 0. *
	SAS0058				* 83 31.0 *					*T	* 5.29 *T	* 14.0 *

COUNTY NAME: PICKENS												

GRANDVIEW LAKE	*GA00683*	*CHAMPION CREEK	*R	*GRANVIEW LAK *E INC.	* 34 30.3 *	* 4.0 *	* 41. *	* 67. *	* 89. *	* 2. *E	* 0. *E	* 0. *
	SAM0133				* 84 24.3 *					*N	* .59 *N	* 2.0 *
PETIT LAKE	*GA00685*	*EAST BRANCH	*R	*BIG CANOE	* 34 27.6 *	* 4.0 *	* 41. *	* 59. *	* 73. *	* 4. *E	* 0. *E	* 0. *
	SAM0134				* 84 17.8 *					*N	* .52 *N	* 1.7 *
TAMARACK LAKE	*GA00688*	*LONG SWAMP CREEK	*R	*BENT TREE *STRATTON ASS	* 34 30.2 *	* 9.0 *	* 21. *	* 66. *	* 88. *	* 4. *E	* 0. *E	* 0. *
	SAM0135				* 84 31.8 *					*N	* .27 *N	* 1.0 *
NONAME DAM	*GA00692*	*POLECAT CREEK	*C		* 34 26.3 *	* 4.0 *	* 41. *	* 45. *	* 61. *	* 1. *E	* 0. *E	* 0. *
	SAM0136				* 84 26.6 *					*N	* .40 *N	* 1.3 *
JONES DAM	*GA00703*	*TALKING ROCK CREEK	*C	*GRACY JONES	* 34 30.7 *	* 6.0 *	* 19. *	* 59. *	* 80. *	* 3. *E	* 0. *E	* 0. *
	SAM0137	*EAST BRANCH			* 84 28.9 *					*N	* .21 *N	* .8 *
WATERSHED NO. 14	*GA00706*	*LONG SWAMP CREEK	*C	*T, JONES	* 34 25.5 *	* 9.0 *	* 21. *	* 54. *	* 73. *	* 3. *E	* 0. *E	* 0. *
	SAM0138				* 84 18.0 *					*N	* .21 *N	* .8 *

COUNTY NAME: PIERCE												

HURRICANE CREEK	*GAU0131*	*SATILLA RIVER	*H		* 31 7.0 *	* 1930.0 *	* 993. *	* 24. *	* 32. *	* 284. *U	* 0. *U	* 0. *
	SAS0059				* 82 15.5 *					*T	* 5.64 *T	* 18.8 *

COUNTY NAME: PUTNAM												

MURDER CREEK	*GAU0093*	*MURDER CREEK	*HR		* 33 14.2 *	* 226.0 *	* 340. *	* 128. *	* 136. *	* 900. *U	* 0. *U	* 0. *
	SAS0060				* 83 27.3 *					*T	* 9.21 *T	* 24.4 *

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

(07/09/79)

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

COUNTY NAME: PUTNAM												

FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												

ROOTY CREEK NO 7	GA00406	ROOTY CREEK	C	MILNER CARNE	33 18.6	18.0	20.0	16.0	34.0	1.0	0.0	0.0
	SAS0061		S		83 21.0					N	.11	.2
WALLACE	GA00839	OCONEE	HR	GEORGIA PWR	33 20.6	1830.0	2420.0	94.0	107.0	470.0	324.00	341.0
	SAS0062		CO		83 9.1					N	0.0	0.0

COUNTY NAME: RABUN												

FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												

SAND BOTTOM	GA00077	CHATTOOGA RIVER	HR		34 50.8	178.0	590.0	139.0	119.0	6.0	66.00	43.0
	SAS0063				83 15.2					N	0.0	0.0
TALLULAH FALLS AKE	GA00844	TALLULAH RIVER	HR	GEORGIA PWR	34 44.3	186.0	480.0	598.0	108.0	2.0	72.00	170.6
	SAS0064		CO		83 22.5					N	6.03	107.5
MATHIS-TERRORA	GA00845	TALLULAH	HR	GEORGIA PWR	34 45.9	151.0	410.0	187.0	190.0	31.0	16.00	46.3
	SAS0065		CO		83 25.0					N	3.81	24.3
NACOOCHEE	GA00846	TALLULAH	HR	GEORGIA PWR	34 45.2	136.0	380.0	62.0	90.0	7.0	4.80	12.0
	SAS0066		CO		83 30.0					N	1.12	9.1
LAKE BURTON	GA00847	TALLULAH	HR	GEORGIA PWR	34 47.6	115.0	340.0	112.0	114.0	108.0	6.12	20.2
	SAS0067		CO		83 32.4					N	2.92	12.1

COUNTY NAME: RICHMOND												

FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												

RICHMOND FACTORY POND	GA00922	SPIRIT CREEK	S		33 20.6	57.0	50.0	19.0	22.0	2.0	0.0	0.0
	SAS0068				82 3.4					N	.23	.7
NEW SAVANNAH BLU FF POOL	GA01703	SAVANNAH RIVER	N	DAEN SAS	33 22.4	7420.0	10200.0	13.0	27.0	11.0	0.0	0.0
	SAS0069				81 56.5					N	29.13	87.5
WATER RESERVOIR	GA01721	BUTLER CREEK	S		33 25.0	13.0	11.0	44.0	45.0	2.0	0.0	0.0
	SAS0070				82 5.0					N	.13	.3

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF GEORGIA

(07/09/79)

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

COUNTY NAME: ROCKDALE												
FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												
NEW BETHEL	*GAU0075*	*YELLOW RIVER	*R*	*	* 33 43.1 *	* 191.0*	* 290.*	* 68.*	* 75.*	* 39.*U	* 0.*U	* 0.*
	SAS0071				* 84 2.5 *					*T	* 3.47*T	* 9.8

COUNTY NAME: STEPHENS												
FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												
LAKE LOUISE	*GA00482*	*WALTON CREEK	*R*	*	* 34 36.2 *	* 4.0*	* 12.*	* 27.*	* 30.*	* 1.*E	* 0.*E	* 0.*
	SAS0080				* 83 16.1 *					*N	* .09*N	* .3
YONAH LAKE	*GA00851*	*TUGALO RIVER	*HR*	*GEORGIA PWR	* 34 40.9 *	* 470.0*	* 1160.*	* 69.*	* 70.*	* 9.*E	* 22.50*E	* 90.8
	SAS0081			*CO	* 83 20.5 *					*N	* 0.*N	* 0.*

COUNTY NAME: TALBOT												
FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												
SPEWRELL BLUFF	*GAU0016*	*FLINT RIVER	*	*	* 33 0. *	* 1210.0*	* 1609.*	* 107.*	* 144.*	* 361.*U	* 0.*U	* 0.*
	SAM0139				* 84 0. *					*T	* 44.54*T	* 109.5

COUNTY NAME: TAYLOR												
FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												
LOWER AUCHUMPKEE	*GAU0022*	*FLINT RIVER	*	*	* 32 30.0 *	* 1970.0*	* 2620.*	* 62.*	* 84.*	* 124.*U	* 0.*U	* 0.*
	SAM0140				* 84 0. *					*T	* 42.02*T	* 103.3

COUNTY NAME: TOWNS												
FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT												
WATERSHED NO. 25	*GAU0116*	*HALL CK.	*C*	*JACK VANNUS	* 34 57.3 *	* 2.0*	* 21.*	* 50.*	* 67.*	* 0.*E	* 0.*E	* 0.*
	ORN0015				* 83 38.5 *					*N	* .22*N	* .7
WATERSHED NO. 18	*GAU0117*	*SCATAWAY CK.	*C*	*IDA BARNES	* 34 57.5 *	* 2.0*	* 21.*	* 38.*	* 52.*	* 0.*E	* 0.*E	* 0.*
	ORN0016				* 83 40.4 *					*N	* .17*N	* .6
WATERSHED NO 13	*GAU0120*	*HIGHTOWER CK	*C*	*W DAWSON	* 34 58.0 *	* 2.0*	* 21.*	* 55.*	* 75.*	* 0.*E	* 0.*E	* 0.*
	ORN0017				* 83 36.3 *					*N	* .24*N	* .8

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF GEORGIA

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE (DM,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) (3)

COUNTY NAME: TROUP												
WEST POINT LAKE	*GA00020*	*CHATTAHOOCHEE RIVER*	*CHR*	*DAEN 8AM	* 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 COTT	*GAU0122*	*COOPER CK	*R	*USDA FS	* 34 44.4 *	* 4.0 *	* 41 *	* 23 *	* 31 *	* 0 *	*E 0 *	*E 0 *
	ORN0020				* 83 58.6 *						*N .20*	*N .7

COUNTY NAME: UPSON												
FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												
LAZER CREEK	*GAU0018*	*FLINT RIVER			* 33 0. *	* 1410.0 *	* 1759 *	* 91 *	* 123 *	* 61 *	*U 0 *	*U 0 *
	SAM0142				* 84 0. *						*T 37.75*	*T 103.1

COUNTY NAME: WARE												
FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												
WAYCROSS	*GAU0132*	*SATILLA RIVER	*H		* 31 18.0 *	* 1100.0 *	* 993 *	* 26 *	* 35 *	* 326 *	*U 0 *	*U 0 *
	SAS0082				* 82 27.8 *						*T 4.45*	*T 12.8

COUNTY NAME: WARREN												
FERC POWER SUPPLY AREA 23 FERC REGIONAL OFFICE CODE AT												
ROCKY COMFORT CREEK NO 46	*GA00369*	*ROCKY COMFORT CR*	*CS	*CITY OF WARR	* 33 23.3 *	* 10.0 *	* 14 *	* 14 *	* 31 *	* 5 *	*E 0 *	*E 0 *
	SAS0083	*EEK		*ENTON	* 82 42.5 *						*N .05*	*N .2

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF GEORGIA

(07/09/79)

PROJECT NAME	* IDENT NUMBER * (1)	NAME OF STREAM OR RIVER	* PROJ * PURP (2)	OWNER	*LATITUDE * *LONGITUDE * (DM,M)	* DRAINAGE * AREA * (SQ MI)	* AVERAGE * ANNUAL * INFLOW * (CFS)	* NET * POWER * HEAD * (FT)	* HEIGHT * 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 CREEK NO 7	*GA01694* *SA90066*	*DRY CREEK	*IR	*WAYNE COUNTY*	* 31 34,5 * * 82 2,6 *	* 30.0 *	* 26, * * * *	* 14, * * * *	* 18, * * * *	* 2, * * * *	*E *N	*E *N	* 0, * * 0,2 *

COUNTY NAME: HAITFIELD													

FERC POWER SUPPLY AREA 23													

FERC REGIONAL OFFICE CODE AT													

DALTON	*GAU0020* *SAM0143*	*CONASAUGA RIVER	* * *	* * *	* 35 0, * * 45 0, *	* 70.0 *	* 117, * * * *	* 50, * * * *	* 50, * * * *	* 0, * * * *	*U *T	*U *T	* 0, * * 1.25 * * 3.1 *
TILTON	*GAU0024* *SAM0144*	*CONASAUGA RIVER	* * *	* * *	* 34 39,4 * * 84 55,9 *	* 650.0 *	* 1160, * * * *	* 48, * * * *	* 65, * * * *	* 430, * * * *	*U *T	*U *T	* 0, * * 7.55 * * 27.3 *
WATERSHED NO.7	*GAU0115* *ORN0021*	*MILL CK.	*C	*GAIR WOODLAN * *OS CORP	* 34 45,7 * * 85 1,8 *	* 13.0 *	* 30, * * * *	* 20, * * * *	* 27, * * * *	* 2, * * * *	*E *N	*E *N	* 0, * * 0.11 * * 0,4 *

COUNTY NAME: MILKSB													

FERC POWER SUPPLY AREA 23													

FERC REGIONAL OFFICE CODE AT													

ANTHONY SHOALS	*GAU0065* *SAS0087*	*BROAD RIVER	*HR	* * *	* 33 59,0 * * 82 39,0 *	* 1490.0 *	* 1860, * * * *	* 63, * * * *	* 70, * * * *	* 320, * * * *	*U *T	*U *T	* 0, * * 28.63 * * 75.0 *

COUNTY NAME: NORTH													

FERC POWER SUPPLY AREA 23													

FERC REGIONAL OFFICE CODE AT													

ABRAMS CREEK	*GAU0009* *SAM0145*	*FLINT RIVER	* * *	* * *	* 31 41,1 * * 84 0, *	* 4037.0 *	* 4874, * * * *	* 20, * * * *	* 20, * * * *	* 0, * * * *	*U *T	*U *T	* 0, * * 23.75 * * 67.6 *

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STATE OF LOUISIANA

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

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * AVERAGE * NET * WEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) *          * (2) *          *          * *LONGITUDE* AREA * INFLCH * HEAD * DAM * (1000 * (MW) * (6MW)
*          *          *          *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (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 *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *          *
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 *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *          *
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 *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *          *
CYPRESS BLACK BA*LA00013*CYPRESS BAYOU *RS *STATE OF LA * 32 39.1 * 130.0* 132.* 30.* 41.* 77.*E 0.*E 0.
YOU SITE NG 1 *LMN0006*          *          *          *          * 93 39.3 *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *          *
BAYOU BOUCAU DAM*LA00179*BAYOU BOUCAU *CR *DAEN LMN * 32 42.3 * 656.0* 591.* 52.* 70.* 1198.*E 0.*E 0.
*LMN0007*          *          *          *          * 93 30.8 *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *          *
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 *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *          *
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 *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *          *
CADDO DAM *LA00181*CYPRESS BAYOU *NRS *CADDO LEVEE * 32 42.4 * 2744.0* 2089.* 35.* 47.* 755.*E 0.*E 0.
*LMN0010*          *          *          *          * 93 55.1 *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *          *
*****

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L E G E N D

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF LOUISIANA

(07/09/79)

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

COUNTY NAME: CALDWELL												

FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

COLUMBIA LOCK AND DAM	LA00177	OUACHITA RIVER	N	DAEN LMK	32 10,1	24200.0	29982.0	18.0	41.0	0.0	0.0	0.0
	LHK0039				92 6,6					N	134.96	N 386.3

COUNTY NAME: CATAHOULA												

FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FW												

RED RIVER WATERWAY LOCK + DAM 1	LAU0001	RED RIVER			31 15,0	67530.0	17400.0	36.0	80.0	0.0	0.0	0.0
	LMN0011				91 57,5					T	333.90	T 808.3

JONESVILLE LOCK AND DAM	LA00175	BLACK RIVER	N	DAEN LMK	31 29,0	15630.0	7355.0	20.0	50.0	0.0	0.0	0.0
	LHK0040				91 51,7					N	42.93	N 103.9

COUNTY NAME: CLAIBORNE												

FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

LAKE CLAIBORNE	LA00011	BAYOU DARBUNNE	S	STATE OF LA	32 44,4	133.0	153.0	37.0	50.0	200.0	0.0	0.0
	LHK0041				92 54,1					N	1.37	N 2.9

CORNEY LAKE DAM	LA00094	CORNEY BAYOU	RCD	USDA FS	32 54,0	442.0	407.0	18.0	25.0	24.0	0.0	0.0
	LHK0042				92 46,0					N	1.55	N 3.6

COUNTY NAME: DE SOTO												

FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FW												

SMITHPORT DAM	LA00028	SAMPSON CHANNEL	RO	STATE OF LA	32 7,0	205.0	207.0	11.0	15.0	42.0	0.0	0.0
	LMN0012				93 33,8					N	.28	N .5

COUNTY NAME: EAST BATON ROUGE												

FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

HOD SHOD YOO RESERVOIR	LAU0010	AMITE RIVER			30 21,6	1370.0	2086.0	20.0	27.0	108.0	0.0	0.0
	LMN0013				90 57,3					T	4.22	T 17.7

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

(07/09/79)

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

COUNTY NAME: EAST FELICIANA FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

CLINTON RESERVOIR	LA00006	COMITE RIVER			30 52.0	81.0	124.	26.	57.	106.	0.	0.
	LMN0014				91 2.8						.79	1.6
FELIXVILLE RESERVOIR	LA00007	AMITE RIVER			30 58.3	551.0	87.	43.	90.	710.	0.	0.
	LMN0015				90 50.9						4.71	16.5

COUNTY NAME: FRANKLIN FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

TURKEY CR LAKE	LA00029	TURKEY CREEK	RD	STATE OF LA	31 54.3	163.0	216.	25.	34.	52.	0.	0.
	LMK0043				91 46.3						1.35	1.9

COUNTY NAME: LIVINGSTON FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

DENHAM SPRINGS RESERVOIR	LA00011	AMITE RIVER			30 30.6	935.0	1373.	15.	20.	19.	0.	0.
	LMN0016				90 58.0						3.61	10.5

COUNTY NAME: NATCHITOCHES FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FW												

RED RIVER WATERWAY LOCK + DAM #4	LA00003	RED RIVER			31 51.0	63407.0	1740.	28.	64.	0.	0.	0.
	LMN0017				93 6.0						243.85	990.3
KISATCHIE BAYOU RESERVOIR	LA00008	KISATCHIE BAYOU			31 36.0	277.0	28.	60.	81.	450.	0.	0.
	LMN0018				93 6.0						3.59	8.6
ALLEN-CHIVERY	LA00004	BAYOU BOURBEUX	R	STATE OF LA	31 50.9	1325.0	1340.	24.	33.	280.	0.	0.
	LMN0019				92 57.5						3.72	14.1
SALINE LAKE DAM	LA00026	SALINE BAYOU	RD	STATE OF LA	31 51.5	1325.0	113.	15.	20.	122.	0.	0.
	LMN0020				92 57.0						3.88	10.6
BIBLEY LAKE DAM	LA00027	OLD RIVER	S	STATE OF LA	31 45.3	40.0	4.	24.	32.	39.	0.	0.
	LMN0021				93 6.5						.29	.4

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF LOUISIANA

(07/09/79)

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

COUNTY NAME: POINTE COUPEE															

FALSE RIVER DRAINAGE STRUCTURE	LA00016	FALSE RIVER	R	STATE OF LA	30 37.3 91 28.6	45.0	71.0	19.0	24.0	160.0	0.0	0.0	0.0	0.0	0.0

COUNTY NAME: RAPIDES															

RED RIVER WATERWAY LOCK + DAM 3	LAU0004	RED RIVER			31 29.0 92 41.0	66860.0	17400.0	29.0	74.0	0.0	0.0	0.0	0.0	266.31	644.7
RED RIVER WATERWAY LOCK + DAM 2	LAU0005	RED RIVER			31 11.0 92 18.0	67458.0	17400.0	18.0	64.0	0.0	0.0	0.0	0.0	166.77	403.7

COUNTY NAME: RED RIVER															

RED RIVER WATERWAY LOCK + DAM 5	LAU0002	RED RIVER			32 13.0 93 28.0	64520.0	17400.0	30.0	53.0	0.0	0.0	0.0	0.0	243.41	544.0

COUNTY NAME: SABINE															

TOLEDO BEND	LA00030	SABINE	IHRC	SABINE RIVER AUTHORITY	31 10.5 93 34.1	7176.0	5850.0	72.0	102.0	5102.0	81.00	0.0	0.0	48.30	215.0
LA NO NAME 85	LA00256	DICK BRANCH	O		31 22.9 93 24.2	20.0	28.0	29.0	37.0	7.0	0.0	0.0	0.0	.25	0.4

COUNTY NAME: UNION															

LAKE DARBONNE	LA00015	BAYOU DARBONNE	R	STATE OF LA	32 42.7 92 20.4	1585.0	1820.0	38.0	51.0	240.0	0.0	0.0	0.0	4.93	19.8

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

(07/09/79)

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

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STATE OF MISSISSIPPI

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

(07/09/79)

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

COUNTY NAME: ADAMS												

FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

SECOND CR WATERS HED STR 6A	*MS00425* *LMK0045*	SECOND CR	*C	*RICHARD AYER *S CRAIG	* 31 30,4 * * 91 16,5 *	6.0*	8.*	34.*	46.*	2.*E *N	0.*E .12*N	0. .1
SECOND CR WATERS HED STR 6B	*MS00427* *LMK0046*	SECOND CR	*C	*ELOISE RAY	* 31 30,0 * * 91 16,0 *	9.0*	11.*	35.*	48.*	4.*E *N	0.*E .10*N	0. .1
SECOND CR WATERS HED STR 7	*MS00429* *LMK0047*	SECOND CR	*C	*E B DDGEN	* 31 28,1 * * 91 20,0 *	17.0*	21.*	34.*	46.*	6.*E *N	0.*E .19*N	0. .3
SECOND CR WATERS HED STR 10B	*MS00431* *LMK0048*	SECOND CR	*C	*MARY C ARMST *RONG	* 31 24,6 * * 91 20,0 *	3.0*	33.*	27.*	37.*	1.*E *N	0.*E .21*N	0. .6
SECOND CR WATERS HED STR 10A	*MS00432* *LMK0049*	SECOND CR	*C	*FORREST FLIN *N	* 31 24,1 * * 91 19,0 *	3.0*	33.*	23.*	31.*	1.*E *N	0.*E .18*N	0. .5
SECOND CR STRUCTURE 12 WATERSHED	*MS00435* *LMK0050*	LATERAL NUMBER 4	*C	*JOHN MANVILL *E PRODUCT	* 31 28,1 * * 91 22,0 *	4.0*	45.*	21.*	28.*	2.*E *N	0.*E .21*N	0. .6
SECOND CR WATERS HED STR 8	*MS00438* *LMK0051*	SECOND CR	*C	*SIDNEY B MCC *ALEB	* 31 21,8 * * 91 21,8 *	5.0*	56.*	21.*	28.*	2.*E *N	0.*E .27*N	0. .8
SECOND CR WATERS HED STR 9	*MS00439* *LMK0052*	SECOND CR	*C	*N L CARPENTE *R	* 31 22,1 * * 91 20,2 *	3.0*	33.*	24.*	32.*	1.*E *N	0.*E .18*N	0. .5
SECOND CR WATERS HED STR 1	*MS00440* *LMK0053*	SECOND CR	*C	*T K ARMSTRON *G	* 31 20,8 * * 91 24,4 *	4.0*	45.*	27.*	36.*	1.*E *N	0.*E .27*N	0. .8

COUNTY NAME: AMITE												

FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

SANSING LAKE	*MS00237* *LMN0028*	WEST FORK WAGONE R CREEK	*R	*KENNEN	* 31 11,5 * * 90 55,8 *	50.0*	79.*	13.*	17.*	1.*E *N	0.*E .22*N	0. .5

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF MISSISSIPPI

(07/09/79)

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

COUNTY NAME: ATTALA												

ZILPHA CR RES	*MSU0208*	ZILPHA CR	*C	*DAENLMK	* 33 14.0 * * 89 43.0 *	89.0*	121.*	27.*	37.*	52.*U	0.*U	0.*
	LMK0054									*T	.89*T	1.6
SHARKEY CR RES	*MSU0209*	SHARKEY CR	*C	*DAENLMK	* 33 8.0 * * 89 44.0 *	21.0*	32.*	21.*	29.*	13.*U	0.*U	0.*
	LMK0055									*T	.15*T	.3
APOOKTA CR RES	*MSU0210*	APOOKTA CR	*C	*DAENLMK	* 33 6.0 * * 89 44.0 *	59.0*	80.*	30.*	40.*	36.*U	0.*U	0.*
	LMK0056									*T	.74*T	1.3
SENEATCHA CR RES	*MSU0211*	SENEATCHA CR	*C	*DAENLMK	* 32 56.0 * * 89 52.0 *	100.0*	136.*	25.*	34.*	56.*U	0.*U	0.*
	LMK0057									*T	.89*T	1.7

COUNTY NAME: BENTON												

LT-7-2	*MS00941*	LITTLE SNOW CR	*C	*TIPPAM RIV T	* 34 46.6 * * 89 15.6 *	17.0*	31.*	24.*	33.*	5.*E	0.*E	0.*
	LMK0058			*RI-CO DR DST						*N	.14*N	.3
TIPPAM RI WATERS	*MS00944*	WAGGNER CREEK	*C	*TIPPAM RIV T	* 34 45.4 * * 89 15.8 *	10.0*	15.*	25.*	34.*	3.*E	0.*E	0.*
HED LT-7-4	*LMK0059*			*RI-CO DR DST						*N	.07*N	.2
TIPPAM RI WATERS	*MS01462*	TR-BIG SNOW CREEK	*C	*USDA FS	* 34 47.3 * * 89 15.2 *	13.0*	24.*	30.*	40.*	4.*E	0.*E	0.*
HED LT-7-3	*LMK0060*									*N	.15*N	.3

COUNTY NAME: CARROLL												

PINEBLUFF FLD CN	*MSU0182*	ABIACA CR.	*C	*DAENLMK	* 33 23.0 * * 90 8.0 *	95.0*	129.*	34.*	46.*	68.*U	0.*U	0.*
TL RES	*LMK0061*									*T	1.18*T	2.2
VALLEY HILL FLD	*MSU0163*	PELUCIA CR	*C	*DAENLMK	* 33 28.0 * * 90 2.0 *	67.0*	91.*	34.*	46.*	44.*U	0.*U	0.*
CNTL RES	*LMK0062*									*T	.90*T	1.6
MALMASION FLD CN	*MSU0184*	BIG SAND CR	*C	*DAENLMK	* 33 32.0 * * 90 0. *	110.0*	150.*	41.*	55.*	102.*U	0.*U	0.*
TL RES	*LMK0063*									*T	1.52*T	2.9

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 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF MISSISSIPPI

(07/09/79)

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

COUNTY NAME: CARROLL												

FERC POWER SUPPLY AREA 25												

FERC REGIONAL OFFICE CODE FW												

TEOC FLD CNTL RE S	MSU0185	TEOC CR	C	DAENLMK	33 35.0	33.0	49.	31.	42.	21.	U	0.
	LMK0064				90 2.0		*	*	*		T	.30
							*	*	*			.7
AVALON FLD CNTL RES	MSU0186	POTACOCOWA CR	C	DAENLMK	33 40.0	62.0	92.	26.	35.	38.	U	0.
	LMK0065				90 2.0		*	*	*		T	.47
							*	*	*			1.2
ABIACA WATERSHED Y-34-5	MSU1042	TR-COILA CREEK	C	M STONE	32 23.0	6.0	8.	30.	40.	2.	E	0.
	LMK0066				90 2.9		*	*	*		N	.07
							*	*	*			.1
ABIACA WATERSHED Y-34-6	MSU1043	COILA CREEK	C	BILLY DAVES	33 22.8	14.0	19.	30.	41.	5.	E	0.
	LMK0067				90 1.8		*	*	*		N	.16
							*	*	*			.3
ABIACA WATERSHED Y-34-7	MSU1044	TR-COILA CREEK	C	R L BEARD	33 21.5	6.0	8.	29.	39.	2.	E	0.
	LMK0068				90 0.		*	*	*		N	.06
							*	*	*			.1
ABIACA WATERSHED Y-34-8	MSU1045	TR-ABIACA CREEK	C	B B SANDERS	33 19.7	10.0	14.	27.	36.	4.	E	0.
	LMK0069				89 57.7		*	*	*		N	.09
							*	*	*			.2
ABIACA WATERSHED Y-34-11	MSU1046	ABDTCAPUTA CREEK	C	B H MCCARTY	33 26.4	10.0	14.	33.	44.	4.	E	0.
	LMK0070				90 3.8		*	*	*		N	.12
							*	*	*			.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.
	LMK0071				89 50.5		*	*	*		N	.07
							*	*	*			.1
BIG SAND WATERSHED Y-32-10	MSU1059	THOMPSON CREEK	C	PIERPUNT	33 32.5	14.0	19.	29.	39.	3.	E	0.
	LMK0072				89 49.8		*	*	*		N	.15
							*	*	*			.3
BIG SAND WATERSHED Y-32-11	MSU1060	MAGIC CREEK	C	CHARLIE WALKER	33 33.1	8.0	11.	33.	45.	3.	E	0.
	LMK0073				89 51.0		*	*	*		N	.10
							*	*	*			.2
BIG SAND WATERSHED Y-32-12	MSU1061	BEASLEY CREEK	C	CATHERINE WILLIAMS	33 32.6	9.0	12.	29.	39.	4.	E	0.
	LMK0074				89 54.5		*	*	*		N	.10
							*	*	*			.2
BIG SAND WATERSHED Y-32-16	MSU1064	LITTLE TEOC CREEK	C	SAN LUNG	33 34.5	9.0	12.	35.	47.	3.	E	0.
	LMK0075				90 2.2		*	*	*		N	.11
							*	*	*			.2

 L E G E N D

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (J.S.A.C.E.) OFFICE AND SITE ID.
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- (3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
- (3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

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

(07/09/79)

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

COUNTY NAME: CARROLL												

FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

BIG SAND WATERSHED Y=32-17	*MS01065*	TEOC CREEK	*C*	*ROY WEEKS*	*33 35.2* *90 1.4*	14.0*	19.*	35.*	48.*	5.*E	0.*E	0.*
	LMK0076									*N	.18*N	.3
POTACOCANA WATER SHED Y=31A-13	*MS01081*	PURNELL CREEK	*C*	*MCDONALD*	*33 38.2* *89 52.2*	9.0*	12.*	29.*	39.*	2.*E	0.*E	0.*
	LMK0077									*N	.10*N	.2
PELUCIA CR WATER SHED Y=33A-1	*MS01593*	TR=PELUCIA CREEK	*C*	*O K GEE*	*33 27.6* *89 56.3*	10.0*	14.*	27.*	36.*	3.*E	0.*E	0.*
	LMK0078									*N	.09*N	.2

COUNTY NAME: CHICKASAW												

FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE												

BIFFLE DAM	*MS00304*	TR=CHUQUATONCHEE CREEK	*CR*	*SIDNEY BIFFLE*	*34 3.9* *88 55.3*	12.0*	22.*	27.*	36.*	4.*E	0.*E	0.*
	SAM0146									*N	.11*N	.2
ARON DAM	*MS00305*	TR=CHUQUATONCHEE CREEK	*CR*	*BILLY ARON*	*34 3.4* *88 54.0*	7.0*	13.*	22.*	30.*	2.*E	0.*E	0.*
	SAM0147									*N	.05*N	.1

COUNTY NAME: CHOCTAW												

FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

MCCURTAIN CR RES	*MS00204*	MCCURTAIN CR	*C*	*DAENLMK*	*33 26.0* *89 22.0*	39.0*	71.*	22.*	30.*	23.*U	0.*U	0.*
	LMK0079									*T	.46*T	.8

COUNTY NAME: CLARKE												

FERC POWER SUPPLY AREA 22 FERC REGIONAL OFFICE CODE												

ARCHUSA CREEK	*MS01402*	CEDAR CREEK	*R*	*CITY OF GUITMAN*	*32 1.2* *88 43.7*	60.0*	74.*	17.*	23.*	6.*E	0.*E	0.*
	SAM0148									*N	.24*N	.5

COUNTY NAME: DEBOTO												

FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												

LEWISBURG FD CNT L RES	*MS00193*	COLDWATER RIVER	*C*	*DAENLMK*	*34 52.0* *89 48.0*	445.0*	579.*	38.*	51.*	514.*U	0.*U	0.*
	LMK0080									*T	3.36*T	10.9

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF MISSISSIPPI

(07/09/79)

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

COUNTY NAME: DESOTO												
FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE FW												
ARKABUTLA DAM	*MSO1496*	*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	*MSO2490*	*HALLS 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	*MSO1494*	*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	*DAEN LMK	* 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,	*DAEN LMK	* 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	*DAEN LMK	* 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
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF MISSISSIPPI

(07/09/79)

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

COUNTY NAME: HOLMES												

FERC POWER SUPPLY AREA 25												

FERC REGIONAL OFFICE CODE FW												

GARDEN CHAPEL FL D CNTL RES	*MSU0181*	*CHICOPA CR	*C	*DAENLMK	* 33 16.0 *	* 27.0 *	* 41. *	* 45. *	* 61. *	* 18. *U	* 0. *U	* 0. *
	LMK0086				* 90 7.0 *					*.42*T		*.9

BIG CYPRESS CR RES.	*MSU0195*	*BIG CYPRESS CR	*C	*DAENLMK	* 32 51.0 *	* 79.0 *	* 100. *	* 22. *	* 30. *	* 44. *U	* 0. *U	* 0. *
	LMK0087				* 90 36.0 *					*.72*T		*.9

TCHULA FLD CNTL RES	*MSU0212*	*FANEGUSHA CR	*C	*DAENLMK	* 33 10.0 *	* 99.0 *	* 135. *	* 44. *	* 60. *	* 66. *U	* 0. *U	* 0. *
	LMK0088				* 90 10.0 *					*1.51*T		*2.9

BLACK WATERSHED Y=36-23	*MS00081*	*LONG CREEK	*C	*B B PROVINE	* 33 11.1 *	* 13.0 *	* 18. *	* 28. *	* 38. *	* 4. *E	* 0. *E	* 0. *
	LMK0089				* 90 6.8 *					*.13*N		*.2

BLACK WATERSHED Y=36-37	*MS00089*	*TR-TARREY CREEK	*C	*GUY BROWN	* 33 5.4 *	* 5.0 *	* 7. *	* 30. *	* 40. *	* 1. *E	* 0. *E	* 0. *
	LMK0090				* 90 .3 *					*.05*N		*.1

COUNTY NAME: JONES												

FERC POWER SUPPLY AREA 22												

FERC REGIONAL OFFICE CODE												

BOGUE HOMO.	*MS02373*	*BOGUE HOMO	*R	*CITY OF LUAR	* 31 42.1 *	* 137.0 *	* 202. *	* 13. *	* 17. *	* 23. *E	* 0. *E	* 0. *
	SAM0151			*EL	* 89 1.2 *					*.46*N		*1.2

COUNTY NAME: LAFAYETTE												

FERC POWER SUPPLY AREA 20												

FERC REGIONAL OFFICE CODE AT												

LT-14A-1	*MS00930*	*PUSKUS CREEK	*C	*TALLAHATCHIE	* 34 26.5 *	* 16.0 *	* 22. *	* 23. *	* 31. *	* 4. *E	* 0. *E	* 0. *
	LMK0091			*RIVER SCD	* 89 20.8 *					*.09*N		*.2

COUNTY NAME: LAHAR												

FERC POWER SUPPLY AREA 22												

FERC REGIONAL OFFICE CODE												

LSA DAM	*MS00697*	*PERKINS CREEK OF R		*LAKE SERENE	* 31 18.0 *	* 5.0 *	* 56. *	* 15. *	* 20. *	* 5. *E	* 0. *E	* 0. *
	SAM0152	*FSTREAM		*ASSOCIATION	* 89 26.3 *					*.18*N		*.6

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF MISSISSIPPI

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PRJ* PURP (2)	OWNER	LATITUDE LONGITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE 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.	0.	0.
	SAM0153				88 47.9					N	2.05	4.9
DALEWOOD DAM	MS02586	TR-PENTA CREEK	H	DALEWOOD SHO	32 29.6	25.0	31.	19.	25.	20.	0.	0.
	SAM0154			RE SUBDIVISI	88 30.8					N	.11	.2

COUNTY NAME: MADISON												

FERC POWER SUPPLY AREA 25												

FERC REGIONAL OFFICE CODE FW												

DOAKS CR RES.	MSU0198	DOAKS CR	C	DAENLHK	32 43.0	103.0	140.	26.	35.	60.	0.	0.
	LHK0092				89 55.0					T	.95	1.8
PANTHER CR RES.	MSU0199	PANTHER CR	C	DAENLHK	32 40.0	17.0	26.	17.	23.	10.	0.	0.
	LHK0093				90 5.0					T	.09	.2
BOGUE>CHITTO RES	MSU0200	BOGUE-CHITTO RIV	C	DAENLHK	32 32.0	151.0	189.	27.	36.	82.	0.	0.
	LHK0094	ER			90 23.0					T	1.26	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.	0.	0.
	LHK0095			DRAIN DIST	89 20.2					N	.25	.5

COUNTY NAME: MONTGOMERY												

FERC POWER SUPPLY AREA 25												

FERC REGIONAL OFFICE CODE FW												

WOLF CR RES	MSU0205	WOLF CR	C	DAENLHK	33 27.0	45.0	82.	24.	32.	26.	0.	0.
	LHK0096				89 31.0					T	.57	.9
MULBERRY CR RES	MSU0206	MULBERRY CR	C	DAENLHK	33 27.0	45.0	82.	21.	28.	27.	0.	0.
	LHK0097				89 33.0					T	.50	.8
POPLAR CR RES	MSU0207	POPLAR CR	C	DAENLHK	33 21.0	61.0	110.	22.	30.	47.	0.	0.
	LHK0098				89 34.0					T	.67	1.2

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF MISSISSIPPI

(07/09/79)

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

COUNTY NAME: PANOLA												

MCIVOR FLD CNTL RES	*MSU0190*	MCIVOR CR	*C*	*DAENLMK	* 34 21.0 * * 90 2.0 *	69.0*	98.*	25.*	34.*	42.*U	0.*U	0.
	LMK0099									*T	.67*T	1.2
INDIAN FLD CNTL RES	*MSU0191*	INDIAN CR	*C*	*DAENLMK	* 34 28.0 * * 90 8.0 *	13.0*	19.*	27.*	37.*	78.*U	0.*U	0.
	LMK0100									*T	.11*T	.3
SARDIS DAM	*MS01493*	LITTLE TALLAHATCHIE RIVER	*CR*	*DAEN LMK	* 34 24.0 * * 89 47.3 *	1545.0*	2207.*	53.*	107.*	3017.*E	0.*E	0.
	LMK0101									*N	33.91*N	80.3
INDIAN CR WATERS MED Y-9A-14	*MS01676*	INDIAN CREEK	*C*	*DR SNYDER	* 34 27.1 * * 90 8.7 *	12.0*	16.*	35.*	47.*	4.*E	0.*E	0.
	LMK0102									*N	.15*N	.3

COUNTY NAME: PIKE												

PERCY QUINN LAKE	*MS00579*	TR-TANGIPAHDA RIVER	*R*	*PERCY QUINN	* 31 10.5 * * 90 31.4 *	56.6*	96.*	21.*	28.*	12.*E	0.*E	0.
	LMN0029	VER		*STATE PARK						*N	.50*N	1.1

COUNTY NAME: PONTOTOC												

COX DAM	*MSU0608*	CHIWAPA CREEK	*C*	*J T COX	* 34 11.2 * * 88 59.1 *	6.0*	15.*	20.*	27.*	2.*E	0.*E	0.
	SAM0155									*N	.05*N	.1
JACKSON DAM	*MS00610*	CHIWAPA CREEK	*C*	*W H JACKSON	* 34 10.2 * * 88 58.6 *	11.0*	20.*	19.*	26.*	4.*E	0.*E	0.
	SAM0156									*N	.07*N	.2

COUNTY NAME: PRENTISS												

LOCK E LAKE	*MSU0007*	TOMBIGHEE RIVER	*R*		* 35 0. * * 88 0. *	60.0*	97.*	30.*	30.*	0.*U	0.*U	0.
	SAM0166									*T	.73*T	1.8

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ* *LATITUDE * DRAINAGE* AVERAGE * NET *HEIGHT* MAXIMUM*
PROJECT NAME * NUMBER* OR RIVER * PURP* OWNER *LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * STORAGE* CAPACITY* ENERGY
* (1) * * (2) * * * * (OM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: RANKIN FERC POWER SUPPLY AREA 25 FERC REGIONAL OFFICE CODE
*****
PRVH DAM *MS02716*PEARL RIVER *RE *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
*****
BENDALE *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 CF *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 *MSU0187*ASCALMORE CR *C *DAENLMK * 33 50.0 * 28.0* 42.* 34.* 46.* 166.*U 0.*U 0.
RES *LMK0103* * * * 90 3.0 * * * * *T .28*T .7
*****
CHARLESTON NO 2 *MSU0198*SOUTH TILLATOHA *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 TILLATOHA *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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L E G E N D

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

PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF MISSISSIPPI

(07/09/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ PURP	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA	AVERAGE ANNUAL INFLOW	NET HEAD	HEIGHT OF DAM	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH)
	(1)		(2)		(DM, M) (SD MI)	(SQ MI)	(CFS)	(FT)	(FT)	(3)	(3)	(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.	3.0E	0.0E	0.0
UCTURE Y-17A-1	LMK0106				89 59,9					.09N		.2

ASCALMORE CR STR	MS01684	YOUNG CREEK	C	ANN NEWTON E	33 54,1	6.0	9.	29.	39.	2.0E	0.0E	0.0
UCTURE Y-17A-2	LMK0107			STATE	90 2,8					.05N		.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.	160.0U	0.0U	0.0
ORN RES,	LMK0108	ORN CR,			90 12,0					1.84T		4.4

COUNTY NAME: TIPPDAH												

FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT												

WEST HATCHIE WAT	MS01849	LITTLE HATCHIE R	C	VERT DUNCAN	34 42,3	9.4	17.	24.	32.	2.0E	0.0E	0.0
ERSHED 36	LMH0010	RIVER			88 52,5					.07N		.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.	0.0U	0.0U	0.0
	DRN0048				88 0,					2.05T		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	8.0	15.	27.	36.	7.0E	0.0E	0.0
	SAM0163			CK JR	88 50,2					.08N		.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.	28.	38.	9.0U	0.0U	0.0
	LMK0109				90 38,0					.14T		.3

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF MISSISSIPPI

(07/09/79)

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

COUNTY NAME: WAYNE					FERC POWER SUPPLY AREA 22			FERC REGIONAL OFFICE CODE AT			

WAYNESBORO	*MSU0002*	CHICKASAWHAY RIV	*	*	* 32 0. *	* 1640.0 *	* 2203. *	* 45. *	* 61. *	* 227. *U	* 0. *U 0.
	SAM0164	ER	*	*	* 89 0. *	* *	* *	* *	* *	*T 23.27*	* 54.4
BUCKATUNNA	*MSU0003*	BUCKATUNNA RIVER	*	*	* 32 0. *	* 495.0 *	* 650. *	* 46. *	* 62. *	* 156. *U	* 0. *U 0.
	SAM0165		*	*	* 89 0. *	* *	* *	* *	* *	*T 4.69*	* 13.2

COUNTY NAME: WEBSTER					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW			

CALABRELLA CR RES.	*MSU0203*	CALABRELLA CR.	*C	*DAENLMK	* 33 33.0 *	* 45.0 *	* 62. *	* 21. *	* 29. *	* 27. *U	* 0. *U 0.
	LMK0110		*	*	* 89 23.0 *	* *	* *	* *	* *	*T .52*	* .9

COUNTY NAME: YALOBUSHA					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW			

ENID DAM	*MS01495*	YOCOONA RIVER	*CR	*DAEN LMK	* 34 9.5 *	* 560.0 *	* 844. *	* 54. *	* 94. *	* 1214. *E	* 0. *E 0.
	LMK0111		*	*	* 89 54.0 *	* *	* *	* *	* *	*N 5.25*	* 21.8

COUNTY NAME: YAZOO					FERC POWER SUPPLY AREA 25			FERC REGIONAL OFFICE CODE FW			

VAUGHAN CR RES.	*MSU0196*	VAUGHAN CR	*C	*DAENLMK	* 32 49.0 *	* 6.0 *	* 12. *	* 21. *	* 28. *	* 5. *U	* 0. *U 0.
	LMK0112		*	*	* 90 3.0 *	* *	* *	* *	* *	*T .05*	* .1

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STATE OF NORTH CAROLINA

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 * * ANNLAL * * 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*	*HAW RIVER	*O	*CAROLINA COTTON MILL	* 36 7.0 *	* 500.0 *	* 500. *	* 12. *	* 12. *	* 0. *	*.08*	*.2
	SAW0001				* 79 24.9 *					*.99*	*.29	
HOPEDALE MILL	*NCU0018*	*HAW RIVER	*O		* 36 7.0 *	* 600.0 *	* 600. *	* 12. *	* 12. *	* 0. *	*.15*	*.3
	SAW0002				* 79 23.0 *					*.83*	*.39	
HOLT GRANITE MFG CO	*NCU0019*	*HAW RIVER	*O		* 36 6.0 *	* 610.0 *	* 610. *	* 14. *	* 14. *	* 0. *	*.37*	*.8
	SAW0003				* 79 22.0 *					*.97*	*.42	
VIRGINIA COTTON MILL	*NCU0020*	*HAW RIVER	*O		* 36 1.4 *	* 700.0 *	* 700. *	* 15. *	* 15. *	* 0. *	*.49*	*1.1
	SAW0004				* 79 22.0 *					*.40*	*1.1	
ALTAHAW COTTON MILL	*NCU0023*	*HAW RIVER	*O		* 36 10.5 *	* 226.0 *	* 226. *	* 19. *	* 19. *	* 0. *	*.15*	*.3
	SAW0005				* 79 30.7 *					*.70*	*.21	
LATONIA POWER PLANT	*NCU0024*	*HAW RIVER	*O		* 36 8.0 *	* 475.0 *	* 475. *	* 4. *	* 4. *	* 0. *	*.20*	*.4
	SAW0006				* 79 26.8 *					*.14*	*.5	
GLENCO MILL	*NCU0025*	*HAW RIVER	*O		* 36 8.4 *	* 495.0 *	* 495. *	* 12. *	* 12. *	* 0. *	*.15*	*.3
	SAW0007				* 79 25.9 *					*.89*	*.27	
SWEPSONVILLE 5/	*NCU0043*	*HAW RIVER	*H		* 36 .5 *	* 960.0 *	* 960. *	* 12. *	* 12. *	* 0. *	*.0*	*.0
	SAW0008				* 79 21.8 *					*.16*	*.67	
NCNONAME579	*NC00737*	*QUAKER CREEK	*SR	*CITY OF GRAM	* 36 6.5 *	* 14.0 *	* 14. *	* 17. *	* 21. *	* 1. *	*.0*	*.0
	SAW0009			*AM	* 79 19.6 *					*.06*	*.1	
BURLINGTON LAKE DAM	*NC00739*	*STONY CREEK	*S	*CITY OF BURLINGTON	* 36 10.6 *	* 44.0 *	* 44. *	* 21. *	* 26. *	* 11. *	*.0*	*.0
	SAW0010				* 79 24.7 *					*.26*	*.5	
NC NONAME 588	*NC00747*	*HAW RIVER	*R	*SELLARS MFG	* 35 56.9 *	* 1033.0 *	* 1033. *	* 20. *	* 25. *	* 0. *	*.0*	*.0
	SAW0011			*CO	* 79 19.6 *					*.81*	*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 * * (DM,M) *	* DRAINAGE AREA * * (SQ MI) *	* AVERAGE ANNUAL INFLOW * * (CFS) *	* NET POWER OF DAM * * (FT) *	* HEIGHT OF DAM * * (FT) *	* MAXIMUM STORAGE (1000 AC FT) * * (3) *	* 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 *	* 1034. *	* 205. *	* 220. *	* 0. *U	* 0. *U	* 0. *
	DRH0011				* 81 21.0 *					*T	* 42.77 *T	* 148.6 *
UDP	*NCU0150*	*NORTH FORK NEW RIVER	*CH		* 36 29.0 *	* 216.0 *	* 354. *	* 225. *	* 250. *	* 0. *U	* 0. *U	* 0. *
	DRH0012				* 81 26.0 *					*T	* 18.55 *T	* 69.3 *
UDP	*NCU0151*	*SOUTH FORK NEW RIVER	*CH		* 36 18.0 *	* 200.0 *	* 405. *	* 157. *	* 170. *	* 0. *U	* 0. *U	* 0. *
	DRH0013				* 81 24.0 *					*T	* 11.99 *T	* 44.8 *
UDP	*NCU0152*	*SOUTH FORK NEW RIVER	*CH		* 36 18.0 *	* 148.0 *	* 300. *	* 155. *	* 170. *	* 0. *U	* 0. *U	* 0. *
	DRH0014				* 81 28.0 *					*T	* 7.23 *T	* 31.7 *
UDP	*NCU0153*	*SOUTH FORK NEW RIVER	*CH		* 36 18.0 *	* 175.0 *	* 354. *	* 310. *	* 320. *	* 0. *U	* 0. *U	* 0. *
	DRH0015				* 81 24.0 *					*T	* 20.71 *T	* 77.4 *
UDP	*NCU0154*	*SOUTH FORK NEW RIVER	*CH		* 36 24.0 *	* 285.0 *	* 577. *	* 235. *	* 250. *	* 0. *U	* 0. *U	* 0. *
	DRH0016				* 81 20.0 *					*T	* 25.97 *T	* 95.5 *

COUNTY NAME: ANSON					FERC POWER SUPPLY AREA 21			FERC REGIONAL OFFICE CODE AT				

CRUMPS FORD	*NCU0013*	*ROCKY RIVER	*HC	*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 RIVER	*H	*RHODES WHIT	* 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	*NC00182*	*CAPE FEAR RIVER	*N	*DAEN SAW	* 34 24.3 *	* 5220.0 *	* 5362. *	* 16. *	* 21. *	* 20. *E	* 0. *E	* 0. *
	SAH0013				* 78 17.6 *					*N	* 26.45 *N	* 57.3 *

LEGEND

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF NORTH CAROLINA

(07/09/79)

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

COUNTY NAME: BLADEN												
FERC POWER SUPPLY AREA 21 FERC REGIONAL OFFICE CODE												
LOCK AND DAM NO 2	*NC00205* *SAW0014*	*CAPE FEAR RIVER	*N	*DAEN SAW	* 34 37,6 * 78 34,6	* 4980.0	* 5115. *	* 29. *	* 39. *	* 15. *	* 0. * 46.87*	* 0. * 101.6
WILLIAM O HUSKE LOCK AND DAM	*NC00206* *SAW0015*	*CAPE FEAR RIVER	*N	*DAEN SAW	* 34 50,1 * 78 49,3	* 4810.0	* 4941. *	* 21. *	* 28. *	* 13. *	* 0. * 32.50*	* 0. * 70.4

COUNTY NAME: BRUNSWICK												
FERC POWER SUPPLY AREA 21 FERC REGIONAL OFFICE CODE												
SANFORD DAM	*NC01110* *SAW0016*	*ALLEN CREEK	*R	*BOILING SPRING LAKE	* 34 2,8 * 78 2,2	* 10.0	* 10. *	* 20. *	* 25. *	* 4. *	* 0. * .11*	* 0. * .2

COUNTY NAME: BUNCOMBE												
FERC POWER SUPPLY AREA 21 FERC REGIONAL OFFICE CODE AT												
NEWFOUND CREEK	*NCU0078* *DRN0049*	*FRENCH BROAD RIVER	*	*	* 35 39,7 * 82 37,4	* 1054.0	* 1980. *	* 157. *	* 167. *	* 0. *	* 0. * 76.69*	* 0. * 253.9
BEE TREE RESERVOIR	*NCU0101* *DRN0050*	*BEE TREE CK.	*S	*CITY OF ASHEVILLE	* 35 38,5 * 82 24,1	* 8.0	* 16. *	* 37. *	* 50. *	* 1. *	* 0. * .14*	* 0. * .4
NORTH FORK RESERVOIR	*NCU0102* *DRN0051*	*NORTH FORK SWANN R.	*S	*CITY OF ASHEVILLE	* 35 39,7 * 82 20,7	* 22.0	* 44. *	* 92. *	* 125. *	* 16. *	* 0. * 1.02*	* 0. * 2.6
LAKE JULIAN	*NCU0103* *DRN0052*	*FRENCH BROAD R.	*S	*CAROLINA POWER LIGHT	* 35 28,6 * 82 32,9	* 5.0	* 10. *	* 67. *	* 90. *	* 1. *	* 0. * .15*	* 0. * .4
BEAVER LAKE	*NCU0117* *DRN0053*	*BEAVER DAM CK.	*R	*LAKEVIEW PARK COMMISSION	* 35 38,2 * 82 34,2	* 9.0	* 18. *	* 52. *	* 70. *	* 2. *	* 0. * .22*	* 0. * .6
ENKA LAKE	*NCU0128* *DRN0054*	*BILL MOORE CK	*S	*AKZONA INC	* 35 32,4 * 82 39,5	* 6.0	* 12. *	* 22. *	* 30. *	* 0. *	* 0. * .06*	* 0. * .2
KENILWORTH LAKE	*NCU0130* *DRN0055*	*ROSS CK	*R	*KENILWORTH PARK LAKE COMM	* 35 35,0 * 82 31,9	* 3.0	* 6. *	* 59. *	* 80. *	* 1. *	* 0. * .08*	* 0. * .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 * (CF3)	* NET POWER HEAD * (FT)	* HEIGHT OF DAM * (FT)	* MAXIMUM STORAGE * (1000 AC FT)	* CAPACITY * (MW)	* ENERGY * (GWH)

COUNTY NAME: CALDWELL												

FERC POWER SUPPLY AREA 21												

FERC REGIONAL OFFICE CODE AT												

LITTLE RIVER DAM (SHUFORD POND)	NC01219	UPPER LITTLE RIVER		DUKE POWER COMPANY	35 48.8 81 20.4	37.0	45.	31.	31.	3.	.50	.5
SAC0012	ER										0.	0.
GUNPOWDER NO1 (GL D MILL POND)	NC03273	GUNPOWDER CREEK	S	SHUFORD MILL	35 48.0 81 24.7	35.0	45.	72.	75.	0.	.40	1.0
SAC0013			S								.47	1.9
GUNPOWDER NO2 (LITTLE DAM)	NC03274	GUNPOWDER CREEK		DUKE POWER COMPANY	35 47.6 81 24.4	36.0	46.	25.	27.	0.	.13	.2
SAC0014											.19	.9

COUNTY NAME: CATAWBA												

FERC POWER SUPPLY AREA 21												

FERC REGIONAL OFFICE CODE AT												

OXFORD LAKE DRY	NC00329	CATAWBA RIVER	H	DUKE POWER CO.	35 43.9 81 11.3	1310.0	2025.	90.	97.	367.	36.00	93.9
SAC0015											0.	0.

COUNTY NAME: CHATHAM												

FERC POWER SUPPLY AREA 21												

FERC REGIONAL OFFICE CODE												

PACES MILL	NCU0021	HAW RIVER	O		35 46.0 79 10.0	1270.0	1270.	12.	12.	0.	3.39	8.1
SAW0017												
CHATHAM ROLLER MILL	NCU0022	HAW RIVER	O		35 45.5 79 8.8	1290.0	1290.	15.	15.	0.	.03	.1
SAW0018											3.67	9.7
LOCKVILLE	NCU0030	DEEP RIVER	H	CAROLINA POWER AND LIGHT	35 37.4 79 5.9	1410.0	1410.	49.	49.	0.	0.	0.
SAW0019											26.94	43.7
MOORES HILL	NCU0038	HAW	H	DAEN SAW	35 44.2 79 6.6	1350.0	1350.	52.	70.	9.	0.	0.
SAW0020											27.23	44.2
MANDALE	NCU0039	HAW	H	DAEN SAW	35 51.5 79 15.0	1170.0	1170.	59.	80.	237.	0.	0.
SAW0021											19.97	39.5
BYNUM 5/	NCU0040	HAW RIVER	O	ODELL J M MF	35 46.5 79 8.9	1290.0	1290.	18.	18.	0.	0.	0.
SAW0022				GC CO							4.14	11.5

LEGEND

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- (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: CHATHAM												

SAXAPAHAW S/	*NCU0042*	*HAW RIVER	*O	*SAXAPAHAW CO	* 35 56.0 *	* 1020.0 *	* 1020. *	* 30. *	* 30. *	* 0. *E	* 0. *E	* 0. *
	SAW0023			*TTON MILL	* 79 18.0 *					*N	* 4.94*N	* 14.8 *
BYNUM	*NCU0044*	*HAW	*H	*DAEN SAW	* 35 46.5 *	* 1290.0 *	* 1290. *	* 67. *	* 90. *	* 88. *U	* 0. *U	* 0. *
	SAW0024				* 79 6.8 *					*T	* 24.77*T	* 49.0 *
ROCKY RIVER DAM	*NCU0047*	*ROCKY RIVER	*H	*WOODY TC	* 35 37.8 *	* 180.0 *	* 180. *	* 38. *	* 51. *	* 10. *E	* .16 *E	* .4 *
	SAW0025				* 79 12.6 *					*N	* .16*N	* .8 *
B EVERETT JORDAN LAKE	*NCU00173*	*HAW RIVER	*CRSJ	*DAEN SAW	* 35 31.4 *	* 1690.0 *	* 1690. *	* 82. *	* 111. *	* 1839. *E	* 0. *E	* 0. *
	SAW0026				* 79 4.2 *					*N	* 40.02*N	* 79.2 *

COUNTY NAME: CHEROKEE												

MURPHY	*NCU0080*	*HIWASSEE RIVER			* 35 4.7 *	* 416.0 *	* 930. *	* 120. *	* 130. *	* 0. *U	* 0. *U	* 0. *
	ORN0057				* 84 1.5 *					*T	* 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 *					*T	* 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 *					*N	* 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 *					*N	* 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 *					*N	* .18*N	* .7 *

COUNTY NAME: CLAY												

SWEETWATER	*NCU0075*	*HIWASSEE RIVER			* 35 4.0 *	* 284.0 *	* 640. *	* 104. *	* 117. *	* 0. *U	* 0. *U	* 0. *
	ORN0062				* 83 53.6 *					*T	* 13.73*T	* 46.1 *

LEGEND

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

(07/09/79)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF NORTH CAROLINA

 * IDENT * NAME OF STREAM * PRPJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
 PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
 * (1) * * (2) * * (D.M.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)

 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 PD* 35 3.9 * 292.0* 657.* 30.* 40.* 5.*E 18.00*E 10.3
 ORN0064 * * *WER + LIGHT* 83 55.6 * * * * *N 0.*N 0.

 COUNTY NAME: CLEVELAND

 LAWDALE (HARRIS *NCU0161*FIRST BROAD RIVE*H *CLEVELAND MIL* 35 23.7 * 189.0* 266.* 30.* 30.* 0.*E .89*E 2.6
 DN SHOALS DAM) *SAC0016*R * * *L + POWER CO* 81 33.2 * * * * *N .82*N 2.8
 KINGS MOUNTAIN *NCU0112*CLARKS CREEK *S *CITY OF KING* 35 12.1 * 3.0* 5.* 41.* 51.* 1.*E 0.*E 0.
 D 1 DAM *SAC0017* * * *S MOUNTAIN * 81 20.8 * * * * *N .06*N .2
 BUFFALO CREEK *NCU0204*BUFFALO CREEK *S *USDA SCS * 35 16.6 * 70.0* 112.* 68.* 86.* 53.*E 0.*E 0.
 M *SAC0018* * * * * 81 27.1 * * * * *N 1.58*N 4.9
 STICE SHOALS *NCU0412*FIRST BROAD RIVE*H *DUKE POWER C* 35 13.4 * 323.0* 420.* 20.* 25.* 0.*E .60*E 1.8
 *SAC0019*R * * *MPANY * 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 *NCU1121*LITTLE ROCKFISH *R *DIXIE YARNS * 34 58.4 * 200.0* 200.* 15.* 19.* 3.*E 0.*E 0.
 D. 2 *SAW0028*CREEK * * *INC * 78 56.4 * * * * *N .69*N 2.4
 UPCHURCHES POND *NCU1202*BIG ROCKFISH CRE*H *SALEEBY INC * 34 57.6 * 178.0* 178.* 17.* 21.* 2.*E 0.*E 0.
 DAM *SAW0029*EK * * * * 79 .1 * * * * *N .72*N 2.4

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

(07/09/79)

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

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

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

COUNTY NAME: DAVIDSON FERC POWER SUPPLY AREA 21 FERC REGIONAL OFFICE CODE												

TOM-A-LEX DAM	NC00178	BRUSHY FORK AND ABBOTTS CREEK	S	THOMASVILLE	35 52,5	138,0	126	25	32	12	0	0
	SAC0020			LEXINGTON	80 11,6						.85	1,8
HIGH ROCK	NC00388	YADKIN RIVER	H	YADKIN INC	35 36,0	3930,0	4626	59	65	386	33,00	115,0
	SAC0021				80 14,1						28,79	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	0	0
	SAC0022				80 27,5						26,91	88,9
JUNCTION	NCU0009	YADKIN RIVER	HC	DAEN SAC	35 45,5	2430,0	2887	52	61	0	0	0
	SAC0023				80 27,2						33,67	111,2
COOLEEMEE	NCU0012	SOUTH YADKIN RIVER	HC	DAEN SAC	35 49,3	534,0	596	71	86	0	0	0
	SAC0024	ER			80 35,6						4,17	22,9
DUTCHMANS CREEK WATERSHED DAM	NC00370	ELLSWORTH CREEK	C	T HOLT HAYWO	35 53,4	6,0	8	65	85	1	0	0
	SAC0025			DU	80 29,5						.11	.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	0	0
	SAW0030			AM	78 49,6						2,23	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	0	0
	SAC0026			TUN-SALEM	80 11,5						.22	.0
IDOLS	NC00791	YADKIN RIVER	H	DUKE POWER C	35 58,5	1876,0	2383	10	15	0	1,41	6,1
	SAC0027			OMPANY	80 23,9						3,59	10,4

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF NORTH CAROLINA

(07/09/79)

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

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	*SR	*STATE OF N.C.	* 36 9.8	* 29.0*	29.*	64.*	80.*	13.*E	0.*E	0.
	SAW0033	EELKS			* 78 46.4 *					*N	.45*N	.8

COUNTY NAME: GUILFORD			FERC POWER SUPPLY AREA 21				FERC REGIONAL OFFICE CODE					

RICHLAND LAKE	*NC00679*	RICHLAND CREEK	*S	*CONE MILLS	* 36 9.5	* 8.0*	8.*	36.*	45.*	6.*E	0.*E	0.
	SAW0034				* 79 47.9 *					*N	.07*N	.2
LAKE HIGGINS	*NC00698*	BRUSH CREEK	*S	*CITY OF GREENSBORO	* 36 10.1	* 12.0*	12.*	40.*	50.*	7.*E	0.*E	0.
	SAW0037				* 79 52.8 *					*N	.12*N	.3
DAK HOLLOW LAKE	*NC00704*	DEEP RIVER	*S	*CITY OF HIGH POINT	* 36 .7	* 22.0*	22.*	29.*	37.*	14.*E	0.*E	0.
	SAW0039				* 79 59.2 *					*N	.18*N	.3

COUNTY NAME: HALIFAX			FERC POWER SUPPLY AREA 21				FERC REGIONAL OFFICE CODE					

WHITE DAK LAKE	*NCU0059*	FISHING CREEK	*TA	*CSRO	* 36 8.8	* 442.0*	430.*	58.*	79.*	300.*U	0.*U	0.
	SAW0040				* 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	*HQ	*CAROLINA POWER AND LIGHT	* 35 32.0	* 3196.0*	3196.*	19.*	19.*	0.*E	2.90*E	6.4
	SAW0043				* 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

L E G E N D

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

(07/09/79)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF NORTH CAROLINA

PROJECT NAME	* IDENT NUMBER *	* NAME OF STREAM OR RIVER *	* PROJ PURP * (2) *	* OWNER *	* LATITUDE LONGITUDE * (DM,M) * (SQ MI) *	* DRAINAGE AREA * (CFS) *	* AVERAGE ANNUAL INFLOW * (FT) *	* NET POWER HEAD * (FT) *	* HEIGHT OF DAM * (AC FT) *	* MAXIMUM STORAGE * (1000) *	* 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 * 78 42.0 *	* 3800.0 * *	* 3800. * 28. * 28. *	* 28. * *	* 0. * 0. *	* 0. * 36.10 * *	* 0. * 65.9 * *	* 0. * *
	SAH0046											

COUNTY NAME: HAYWOOD												

FERC POWER SUPPLY AREA 21 FERC REGIONAL OFFICE CODE AT												

JONATHANS CREEK	*NCU0082*	*PIGEON RIVER*	* *	* *	* 35 37.5 * 82 59.8 *	* 282.0 * *	* 580. * 165. * 165. *	* 165. * *	* 134. * 19.25 * *	* 0. * 61.7 * *	* 0. * *	* 0. * *
	ORN0068											
LAKE JUNALUSK	*NCU0098*	*RICHLAND CK. *	*R *	*LAKE JUNALUSK*	* 35 31.6 * 82 57.8 *	* 64.0 * *	* 127. * 21. * 29. *	* 29. * *	* 4. * 0. * *	* 0. * 56 * *	* 0. * 1.9 * *	* 0. * *
	ORN0069			*KA ASSEMBLY*								
LAKE LOGAN	*NCU0100*	*WEST FORK OF PIG*	*S *	*CHAMPION PAP*	* 35 25.3 * 82 55.5 *	* 33.0 * *	* 107. * 37. * 50. *	* 50. * *	* 2. * 0. * *	* 0. * 78 * *	* 0. * 2.7 * *	* 0. * *
	ORN0070	*EON CK. *		*ER *								
WATERVILLE LAKE	*NCU0120*	*PIGEON RIVER*	*H *	*CAROLINA LIG*	* 35 41.7 * 83 3.0 *	* 455.0 * *	* 890. * 132. * 178. *	* 178. * *	* 30. * 108.00 * *	* 0. * 467.0 * *	* 0. * *	* 0. * *
	ORN0071			*HT + POWER*								

COUNTY NAME: HENDERSON												

FERC POWER SUPPLY AREA 21 FERC REGIONAL OFFICE CODE AT												

SALUDA	*NCU0001*	*GREEN RIVER*	*HR *	*DAEN SAC *	* 35 17.0 * 82 21.3 *	* 78.0 * *	* 170. * 689. * 210. *	* 210. * *	* 17. * 26.49 * *	* 0. * 94.4 * *	* 0. * *	* 0. * *
	SAC0033											
OSCEOLA LAKE	*NCU0138*	*SHEPARD CK *	*R *	*BILL HARPER *	* 35 17.9 * 82 28.4 *	* 4.0 * *	* 8. * 46. * 65. *	* 65. * *	* 1. * 0. * *	* 0. * 0.9 * *	* 0. * 0.3 * *	* 0. * *
	ORN0072											
TUXEDO DAM (LAKE SUMMIT)	*NCU00311*	*GREEN RIVER*	*HR *	*DUKE POWER C*	* 35 14.0 * 82 23.9 *	* 42.0 * *	* 90. * 286. * 297. *	* 297. * *	* 10. * 5.00 * *	* 0. * 21.3 * *	* 0. * *	* 0. * *
	SAC0034			*OHMPANY*								

COUNTY NAME: HYDE												

FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT												

LAKE CEDAR CLIFF	*NCU0095*	*TUCKASGEE R. *	*H *	*NANTAMALA PO*	* 35 15.2 * 83 6.0 *	* 80.0 * *	* 208. * 120. * 163. *	* 163. * *	* 7. * 6.38 * *	* 0. * 20.8 * *	* 0. * *	* 0. * *
	ORN0073			*WER + LIGHT*								

L E G E N D												

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

(07/09/79)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF NORTH CAROLINA

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PRCJ PUPP	OWNER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MWH)	ENERGY (GWH)

COUNTY NAME: HYDE												

THORPE LAKE	NCU0109	WEST FORK TUCKASEE R.	M	NANTAHALA PD	35 11.8	37.0	120.	103.	140.	71.	21.60	119.0
	DRN0075			WER + LIGHT	83 9.2						0.	0.
TUCKASEE LAKE	NCU0121	WEST FORK TUCKASEE R	M	NANTAHALA PD	35 14.4	55.0	143.	45.	61.	0.	3.00	10.6
	DRN0076			WER + LIGHT	83 7.5						0.	0.
BEAR CK RESERVOIR	NCU0122	TUCKASEE R	M	NANTAHALA PD	35 14.5	75.0	195.	152.	205.	35.	9.00	28.8
	DRN0077			WER + LIGHT	83 4.3						0.	0.

COUNTY NAME: IRREDELL												

THIRD CREEK WATERSHED DAM 37	NCU0144	THIRD CREEK	C	T S STEWART	35 47.6	25.0	26.	27.	36.	3.	0.	0.
	SAC0035				80 57.4						.23	.8
NCNONAME273	NCU0383	TH-ROCKY CREEK	R	THOMAS A ALLISON	35 54.8	8.0	9.	37.	47.	1.	0.	0.
	SAC0036				80 49.6						.08	.2
LOOKOUT SHOALS	NCU0394	CATAWBA	M	DUKE POWER CO	35 45.1	1449.0	2300.	77.	100.	37.	18.72	83.4
	SAC0037			0.	81 5.1						11.95	32.5

COUNTY NAME: JACKSON												

UPPER WHITEWATER	NCU0068	WHITEWATER RIVER	HR		35 2.2	13.0	60.	780.	195.	8.	0.	0.
	SAS0088				83 1.2						6.51	22.4

COUNTY NAME: LEE												

CAROLINA POWER AND LIGHT CO	NCU0031	DEEP RIVER	M		35 31.2	970.0	970.	12.	12.	0.	1.00	2.2
	SAW0050				79 20.9						2.26	4.4
LAKE TRACE	NCU0017	LITTLE RIVER	R	CAROLINA TRANCE CORP	35 25.0	51.0	51.	25.	30.	4.	0.	0.
	SAW0051				79 5.6						.42	.9

LEGEND

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- (3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF NORTH CAROLINA

(07/09/79)

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

COUNTY NAME: LINCOLN												

FERC POWER SUPPLY AREA 21												

FERC REGIONAL OFFICE CODE AT												

LINCOLN TON	*NCU0002*	SOUTH FORK CATAWBA RIVER	*MC	*DAEM 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-NORMAN	*NCU00132*	CATAWBA RIVER	*MR	*DUKE POWER CO	* 35 26.0 *	* 1790.0 *	* 2600. *	* 110. *	* 113. *	* 1094. *E	* 350.00 *E	* 140.0 *
	SAC0039			*D	* 80 57.5 *					*N	* 0. *N	* 0. *
LONG SHOALS	*NCU00372*	SOUTH FORK CATAWBA RIVER	*H	*CONSOLIDATED * *KNIT MILLS *	* 35 24.8 *	* 472.0 *	* 621. *	* 16. *	* 19. *	* 1. *E	* .38 *E	* .5 *
	SAC0040				* 81 14.4 *					*N	* 2.14 *N	* 8.4 *

COUNTY NAME: MACON												

FERC POWER SUPPLY AREA 20												

FERC REGIONAL OFFICE CODE AT												

WESSER	*NCU0074*	NANTAHALA RIVER			* 35 16.5 *	* 133.0 *	* 460. *	* 280. *	* 0. *	* 0. *U	* 0. *U	* 0. *
	DRN0078				* 83 40.8 *					*T	* 21.77 *T	* 61.6 *
NANTAHALA RESERVOIR	*NCU0110*	NANTAHALA RIVER	*H	*NANTAHALA POW * *WER + LIGHT *	* 35 11.9 *	* 91.0 *	* 226. *	* 177. *	* 240. *	* 139. *E	* 43.20 *E	* 298.0 *
	DRN0079				* 83 39.3 *					*N	* 0. *N	* 0. *
QUEENS CK. LAKE	*NCU0113*	QUEENS CK.	*H	*NANTAHALA POW * *WER + LIGHT *	* 35 16.5 *	* 4.0 *	* 13. *	* 50. *	* 67. *	* 1. *E	* 1.44 *E	* 4.9 *
	DRN0080				* 83 39.4 *					*N	* 0. *N	* 0. *
FRANKLIN RESERVOIR	*NCU0115*	LITTLE TN RIVER	*H	*NANTAHALA POW * *WER + LIGHT *	* 35 13.2 *	* 310.0 *	* 716. *	* 26. *	* 35. *	* 2. *E	* 1.04 *E	* 7.6 *
	DRN0081				* 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 RIVER			* 35 47.7 *	* 1391.0 *	* 2570. *	* 198. *	* 0. *	* 0. *U	* 0. *U	* 0. *
	DRN0082	ER			* 82 43.9 *					*T	* 127.65 *T	* 422.6 *
BRUSH CREEK	*NCU0086*	FRENCH BROAD RIVER			* 35 50.7 *	* 1405.0 *	* 2400. *	* 150. *	* 0. *	* 0. *U	* 0. *U	* 0. *
	DRN0083	ER			* 82 45.5 *					*T	* 97.68 *T	* 323.4 *
MARSHALL RESERVOIR	*NCU0116*	FRENCH BROAD RIVER	*H	*CAROLINA POW * *ER + LIGHT *	* 35 47.6 *	* 1343.0 *	* 3001. *	* 29. *	* 39. *	* 0. *E	* 3.00 *E	* 20.0 *
	DRN0084				* 82 42.6 *					*N	* 14.94 *N	* 39.4 *

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF NORTH CAROLINA

(07/09/79)

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

COUNTY NAME: MCDBELL												

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												

POPLAR	*NCU0076*	*NOLICHUCKY RIVER*			* 36 4,8 *	* 619,0 *	* 1080, *	* 270, *	* 60, *	* 0, *U	* 0, *U	* 0, *
	DRN0085				* 82 21,5 *					*T	* 62,18 *T	* 193,0

COUNTY NAME: MONTGOMERY												

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												

HIGH FALLS MFG O	*NCU0034*	*DEEP RIVER	*O		* 35 28,2 *	* 748,0 *	* 748, *	* 18, *	* 18, *	* 0, *E	*.19 *E	*.4
	SAW0052				* 79 31,5 *					*N	* 2,85 *N	* 6,5
HOWARDS MILL LAKE	*NCU0046*	*DEEP RIVER	*CSRD	*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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P R E L I M I N A R Y E S T I M A T E S

(07/09/79)

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

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

PROJECT NAME	* IDENT NUMBER * (1)	* NAME OF STREAM OR RIVER *	* PROJ PURP * (2)	* OWNER *	*LATITUDE * *LONGITUDE* (DM,M)	* DRAINAGE AREA * (SQ MI)	* AVERAGE ANNUAL INFLOW * (CFS)	* NET POWER HEAD * (FT)	* HEIGHT OF DAM * (FT)	* MAXIMUM STORAGE * (1000 AC FT)	* CAPACITY * (MW)	* ENERGY * (GWH)
***** COUNTY NAME: NAOM *****												
***** FERC POWER SUPPLY AREA 21 *****												
***** FERC REGIONAL OFFICE CODE *****												
SALEM LAKE	*NCU0060*	*SWIFT CREEK-TAR*	*CSRG*	*DAEN SAW*	* 36 2.6 * * 77 55.3 *	* 170.0*	* 142. *	* 45. *	* 61. *	* 110. *U	* 0. *U	* 0. *
	SAW0057									* 2.10 *T	* 5.2 *	
SPRING HOPE	*NCU0061*	*TAR RIVER*	*CSRO*	*DAEN SAW*	* 35 54.7 * * 78 8.3 *	* 668.0*	* 700. *	* 55. *	* 75. *	* 290. *U	* 0. *U	* 0. *
	SAW0058									* 6.59 *T	* 20.9 *	
TAR RIVER DAM	*NC00913*	*TAR RIVER*	*SR*	*CITY OF ROCK*	* 35 52.8 * * 77 53.4 *	* 777.0*	* 777. *	* 28. *	* 33. *	* 13. *E	* 0. *E	* 0. *
	SAW0059			*Y MOUNT*						* 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 * * 79 5.5 *	* 29.0*	* 29. *	* 37. *	* 46. *	* 5. *E	* 0. *E	* 0. *
	SAW0060									* .30 *N	* .5 *	
***** COUNTY NAME: PERSON *****												
***** FERC POWER SUPPLY AREA 21 *****												
***** FERC REGIONAL OFFICE CODE *****												
SITE #F=	*NCU0089*	*S HYCD CR*	*S*	*CITY OF ROXB*	* 36 21.0 * * 79 8.0 *	* 23.0*	* 23. *	* 41. *	* 55. *	* 0. *E	* 0. *E	* 0. *
	SAW0061			*ORC*						* .28 *N	* .5 *	
LAKE HYCD DAM	*NC00656*	*HYCD RIVER*	*HSR*	*CAROLINA POW*	* 36 30.5 * * 79 2.5 *	* 190.0*	* 190. *	* 48. *	* 60. *	* 77. *E	* 0. *E	* 0. *
	SAW0062			*ER AND LIGHT*						* 1.87 *N	* 4.1 *	
***** COUNTY NAME: POLK *****												
***** FERC POWER SUPPLY AREA 21 *****												
***** FERC REGIONAL OFFICE CODE *****												
TURNER SHOALS DA M (LAKE ADGER)	*NC00208*	*GREEN RIVER*	*HR*	*DUKE POWER C*	* 35 20.1 * * 82 11.2 *	* 126.0*	* 280. *	* 83. *	* 89. *	* 12. *E	* 5.50 *E	* 14.6 *
	SAC0043			*OMPANY*						* . *N	* 0. *N	* 0. *
***** COUNTY NAME: RANDOLPH *****												
***** FERC POWER SUPPLY AREA 21 *****												
***** FERC REGIONAL OFFICE CODE *****												
RANDOLPH MILLS D. 2	*NCU0026*	*DEEP RIVER*	*D*		* 35 44.6 * * 79 41.5 *	* 278.0*	* 278. *	* 16. *	* 16. *	* 0. *E	* .14 *E	* .3 *
	SAW0064									* .71 *N	* 1.9 *	

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

(07/09/79)

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

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

COUNTY NAME: ROCKINGHAM												

BELEWS LAKE	*NCU0088*	BELEWS CR-DAN RIVER	*DUKE POWER C	*DAEN SAC	* 36 19,5 * * 80 2,0 *	76.0*	75.*	140.*	162.*	227.*E	0.*E	0.*E
	SA#0073	VEK	*0							*N	2.38*N	5.3
MAYO	*NCU0091*	MAYO RIVER	*CHRD	*DAEN SAC	* 36 32,0 * * 79 59,0 *	260.0*	313.*	212.*	232.*	1433.*U	0.*U	0.*U
	SAN0075									*T	12.65*T	43.5
NC NONAME 404	*NCU0051*	TROUBLESOME CREEK	*S	*CITY OF REID	* 36 20,4 * * 79 43,8 *	54.0*	54.*	29.*	36.*	3.*E	0.*E	0.*E
	SA#0076	K		*SVILLE						*N	.36*N	.9
SPRAY	*NC15530*	SMITH RIVER	*H	*SPRAY COTTON	* 36 30,0 * * 79 45,1 *	539.0*	616.*	32.*	32.*	0.*E	1.00*E	.0
	SA#0077			*MILLS						*N	2.98*N	13.1

COUNTY NAME: ROWAN												

COOLEMEE DAM	(BU)*NC00186*	SOUTH YADKIN RIVER	*H	*DAVIE COUNTY	* 35 48,8 * * 80 34,2 *	560.0*	603.*	16.*	24.*	0.*E	1.34*E	1.8
RLINGTON MILLS	L#SAC0047*	EF								*N	1.12*N	4.9
KANNAPOLIS LAKE	*NC00324*	IRISH BUFFALO CREEK	*S	*CANNON MILLS	* 35 30,6 * * 80 38,9 *	10.0*	10.*	24.*	36.*	6.*E	0.*E	0.*E
DAM	*SAC0048*	EEK		*COMPANY						*N	.07*N	.1

COUNTY NAME: RUTHERFORD												

CLINCHFIELD DAM	*NCU0004*	BROAD RIVER	*HCSR	*DAEN SAC	* 35 12,0 * * 81 51,3 *	571.0*	940.*	130.*	145.*	1156.*U	0.*U	0.*U
	SAC0049									*T	24.76*T	87.8
LAKE LURE	*NC00100*	BROAD RIVER	*HR	*TOWN OF LAKE	* 35 25,5 * * 82 11,0 *	95.0*	170.*	100.*	116.*	77.*E	3.60*E	10.0
	SAC0050			*LURE						*N	0.*N	0.*
CLIFFSIDE	*NC00134*	SECOND BROAD RIVER	*H	*CONE MILL CO	* 35 14,2 * * 81 46,1 *	211.0*	295.*	28.*	30.*	0.*E	1.63*E	2.9
	SAC0051	ER		*RP						*N	.15*N	2.7
CARGLEEN(NCNONAME 125)	*NC00135*	SECOND BROAD RIVER	*O	*BURLINGTON M	* 35 17,0 * * 81 48,1 *	200.0*	295.*	20.*	24.*	0.*E	.66*E	.9
	SAC0052	ER		*ILLS						*N	.54*N	3.0

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

(07/09/79)

PROJECT NAME	* IDENT NUMBER * (1)	* NAME OF STREAM OR RIVER *	* PROJ* PURP* (2)	OWNER	*LATITUDE *LONGITUDE* (DM,M)	* DRAINAGE* AREA * (SQ MI)	* AVERAGE ANNUAL INFLOW * (CF8)	* NET POWER * HEAD * (FT)	* HEIGHT OF DAM * (FT)	* MAXIMUM STORAGE * (1000 AC FT)	* CAPACITY * (MW)	* ENERGY * (GWH)
***** COUNTY NAME: SCOTLAND *****												
LAUREL HILL (RICHMOND MILL POND)	NC01080 SAC0053	GUM SWAMP CREEK	R	MORGAN COTTO N MILLS INC.	34 49.2 79 31.9	55.0	80	11	15	1	20	0
***** COUNTY NAME: STANLY FERC POWER SUPPLY AREA 21 FERC REGIONAL OFFICE CODE AT *****												
TILLERY	NC00547 SAC0054	PEE DEE RIVER	H	CAROLINA POW ER AND LIGHT	35 12.4 80 3.9	4688.0	5494	59	73	168	84.00	202.0
YADKIN FALLS DAM (FALLS RESERVOIR)	NC00546 SAC0055	YADKIN RIVER	H	YADKIN INC	35 23.7 80 4.5	4190.0	4923	55	74	2	29.50	115.0
NARROWS DAM (BAD IN LAKE)	NC00549 SAC0056	YADKIN RIVER	H	YADKIN INC	35 25.2 80 5.7	4180.0	4911	177	196	455	96.50	437.6
TUCKERTOWN	NC00550 SAC0057	YADKIN RIVER	H	YADKIN INC	35 29.2 80 10.7	4080.0	4798	55	70	52	42.00	130.4
***** COUNTY NAME: STOKES FERC POWER SUPPLY AREA 21 FERC REGIONAL OFFICE CODE *****												
DANBURY	NC00093 SA00079	DAN RIVER	CHRO	DAEN SAW	36 26.0 80 14.0	261.0	313	169	202	566	0	0
TOWN FORK CREEK	NC00349 SA00080	TOWN FORK CREEK	C	R TILLY AND T SMITH	36 18.7 80 16.8	13.0	13	37	46	1	0	0
TOWN CREEK	NC00350 SA00081	HEATHMANS CREEK	C	T R FULP	36 19.4 80 15.8	10.0	10	40	50	1	0	0
WALNUT COVE	NC15610 SA00082	DAN RIVER	H		36 22.0 80 8.0	344.0	413	22	22	0	0	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 OF HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE CAPACITY (1000 AC FT)	ENERGY (MWH) (3)	ENERGY (GWH) (3)
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COUNTY NAME: SURRY

MT. AIRY NO.1	NCU0158	ARARAT RIVER		DUKE POWER COMPANY	36 28.0 80 35.6	203.0	263.0	18.0	18.0	0.0	1.16	3.2
PILOT MOUNTAIN	NCU0159	ARARAT RIVER		DUKE POWER COMPANY	36 21.7 80 32.3	274.0	356.0	18.0	18.0	0.0	1.50	3.7
MT. AIRY NO.2	NCU0160	ARARAT RIVER		DUKE POWER COMPANY	36 26.5 80 35.6	208.0	269.0	18.0	18.0	0.0	1.45	2.6
MITCHELL RIVER RESERVOIR	NCU0170	MITCHELL RIVER	CRSD	DAEN SAC	36 18.6 80 48.6	77.0	123.0	131.0	185.0	74.0	0.0	10.9
FISHER RIVER RESERVOIR	NCU0171	FISHER RIVER	CRSD	DAEN SAC	36 19.2 80 40.7	135.0	202.0	128.0	170.0	224.0	0.0	17.0

COUNTY NAME: SWAIN

FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT

NEEDMORE	NCU0079	LITTLE TENNESSEE RIVER			35 20.9 83 30.8	439.0	1040.0	155.0	187.0	140.0	0.0	115.3
BRYSON	NCU0085	TUCKASEGEE RIVER			35 25.9 83 25.0	603.0	1600.0	154.0	205.0	530.0	0.0	157.4
OCDONALUFTEE LAKE	NCU0114	OCDONALUFTEE RIVER		NANTHALA POWER + LIGHT	35 26.7 83 22.5	188.0	434.0	26.0	35.0	1.0	1.00	1.3

COUNTY NAME: TRANSYLVANIA

FERC POWER SUPPLY AREA 21 FERC REGIONAL OFFICE CODE AT

HORSE PASTURE	NCU0067	HORSE PASTURE RIVER			35 5.6 82 58.2	25.0	43.0	1780.0	190.0	68.0	0.0	98.2
CASCADE LAKE	NCU0124	LITTLE RIVER		CASCADE POWER CO	35 13.1 82 38.4	41.0	133.0	44.0	60.0	2.0	1.00	0.0

LEGEND

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- (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,N) (SQ MI)	DRAINAGE* AREA * (SQ MI)	ANNUAL * INFLOW * (CFS)	NET * POWER * (FT)	HEIGHT * DAM * (FT)	MAXIMUM * STORAGE* (1000 * AC FT)	CAPACITY* (MW) (3)	ENERGY (GWH) (3)

COUNTY NAME: TRANSYLVANIA												

LAKE TOXAWAY	*NC00167*	TOXAWAY RIVER	*R	*LAKE TOXAWAY*	35 7.5 *	8.0*	32.*	27.*	35.*	11.*E	0.*E	0.*
	SA0090			*CORP	* 82 56.0 *					*N	.17*N	.6

COUNTY NAME: UNION												

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
NCN0NAME378 (CAN E 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												

FALLS L I N.C.	*NCU0053*	NEUSE RIVER	*CSRD	*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 PROJEC T	*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 D AM	*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	*NS	*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	*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

LEGEND

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

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

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * * (UM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: WAKE          FERC POWER SUPPLY AREA 21  FERC REGIONAL OFFICE CODE
*****
*          *          *          *          *          *          *          *          *          *
WHEELER LAKE DAM * NCU00864 * SWIFT CREEK * NEUS * SH * 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.
* DRN0090 * * * * * * * * * * * 81 53.6 * * * * * * * * * * * T * 33.23 * T 101.5
*****
COUNTY NAME: WILKES          FERC POWER SUPPLY AREA 21  FERC REGIONAL OFFICE CODE AT
*****
*          *          *          *          *          *          *          *          *          *
ELKIN * NCU0005 * YADKIN RIVER * HC * DAEN SAC * 36 14.7 * 844.0 * 1379. * 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 * * * * * COMPANY * 80 53.0 * * * * * * * * * * * N * .20 * N .5
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
REDDIES RIVER LA * NCU0168 * REDDIES RIVER * CSRO * DAEN * SAC * 36 10.2 * 94.0 * 142. * 99. * 165. * 111. * U 0. * U 0.
KE * SAC0069 * * * * * * * * * * * 81 10.1 * * * * * * * * * * * T * 2.58 * T 9.6
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
ROARING RIVER LA * NCU0169 * ROARING RIVER * CSRO * DAEN SAC * 36 13.8 * 127.0 * 199. * 139. * 180. * 171. * U 0. * U 0.
KE * SAC0070 * * * * * * * * * * * 81 1.9 * * * * * * * * * * * T * 4.79 * T 18.7
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
W. KERR SCOTT * NCU0300 * YADKIN RIVER * CR8 * DAEN SAC * 36 9.0 * 348.0 * 330. * 70. * 137. * 153. * E 0. * E 0.
* SAC0071 * * * * * * * * * * * 81 14.0 * * * * * * * * * * * N * 4.14 * N 24.2
*****
COUNTY NAME: WILSON          FERC POWER SUPPLY AREA 21  FERC REGIONAL OFFICE CODE
*****
*          *          *          *          *          *          *          *          *          *
BUCKHORN LAKE * NCU0056 * CONTENTNEA CREEK * CSRO * DAEN SAW * 35 41.5 * 153.0 * 149. * 52. * 71. * 210. * U 0. * U 0.
* SAW0089 * * * * * * * * * * * 78 6.5 * * * * * * * * * * * T * 2.00 * T 4.8
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
BUCKHORN LAKE * NCU0058 * CONTENTNEA CREEK * SR * CITY OF WILS * 35 41.5 * 153.0 * 149. * 15. * 20. * 7. * E 0. * E 0.
* SAW0090 * NEUSE * * * * * ON * 78 6.6 * * * * * * * * * * * N * .51 * N 1.3
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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L E G E N D

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TERRITORY OF PUERTO RICO

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

* H * C * M *																
* E * U * T * W *																
* A * M * D *																
* D * U * T * A *																
* I * L * A * N *																
* N * A * L * D *																
* F * T * S *																
* E * I * G *																
* E * V * I * W *																
* T * E * N * H *																

POTENTIAL INCREMENTAL CAPACITY RANGES																

	.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
	**				**				**				**			
	**				**				**				**			
	EXIST*	EXIST*	UNDEV*	TOTAL**	EXIST*	EXIST*	UNDEV*	TOTAL**	EXIST*	EXIST*	UNDEV*	TOTAL**	EXIST*	EXIST*	UNDEV*	TOTAL**
	INST*	INCR*	POTEN*	INCR**	INST*	INCR*	POTEN*	INCR**	INST*	INCR*	POTEN*	INCR**	INST*	INCR*	POTEN*	INCR**
	1 CAP*	2 CAP*	3 CAP*	4 CAP**	1 CAP*	2 CAP*	3 CAP*	4 CAP**	1 CAP*	2 CAP*	3 CAP*	4 CAP**	1 CAP*	2 CAP*	3 CAP*	4 CAP**

	NUMBER*	0*	0*	0*	0**	0*	0*	0*	0**	0*	0*	0*	0**	0*	0*	0*
0-19	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*
	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*

	NUMBER*	0*	0*	0*	0**	0*	0*	0*	0**	0*	0*	0*	0**	0*	0*	0*
20-49	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*
	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*

	NUMBER*	0*	4*	1*	5**	0*	1*	0*	1**	0*	0*	0*	0**	0*	5*	1*
50-99	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*
	ENERGY*	0.0*	16.8*	6.4*	23.2**	0.0*	32.9*	0.0*	32.9**	0.0*	0.0*	0.0*	0.0**	0.0*	49.8*	6.4*

	NUMBER*	5*	6*	5*	11**	2*	2*	0*	2**	0*	0*	0*	0**	7*	8*	5*
>100	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*
	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*

	NUMBER*	5*	10*	6*	16**	2*	3*	0*	5**	0*	0*	0*	0**	7*	13*	6*
TOTAL	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*
	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*

L E G E N D

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

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

PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF PUERTO RICO

(07/10/79)

PROJECT NAME	* IDENT NUMBER * (1)	NAME OF STREAM OR RIVER	* PROJ PURP * (2)	OWNER	* LATITUDE * * LONGITUDE * (DM,M)	* DRAINAGE AREA * (SQ MI)	* AVERAGE ANNUAL INFLOW * (CF3)	* NET POWER * (FT)	* HEIGHT OF DAM * (FT)	* MAXIMUM STORAGE * (1000 AC FT)	* CAPACITY * (MW)	* ENERGY * (GWH)
***** COUNTY NAME: ADJUNTAS FERC POWER SUPPLY AREA 24 FERC REGIONAL OFFICE CODE *****												
LAGO GARZAS	*PRO0006* *SAJ0017*	VACA	*HS*	*PRWRA	* 18 8.3 * * 66 44.5 *	7.0*	16.0*	2008.0*	192.0*	6.0*	12.24*	20.7
LAGO ADJUNTAS	*FR00007* *SAJ0018*	ARECIBO	*H*	*PRWRA	* 18 12.1 * * 66 43.9 *	15.0*	41.0*	190.0*	77.0*	1.0*	4.00*	2.2
***** COUNTY NAME: ARECIBO FERC POWER SUPPLY AREA 24 FERC REGIONAL OFFICE CODE *****												
LAGO DOS BOCAS	*PRO0009* *SAJ0019*	ARECIBO	*H*	*PRWRA	* 18 20.3 * * 66 40.1 *	170.0*	145.0*	145.0*	184.0*	50.0*	18.00*	28.4
***** COUNTY NAME: CIALES FERC POWER SUPPLY AREA 24 FERC REGIONAL OFFICE CODE *****												
7-5	*PRU0003* *SAJ0020*	RIO GRANDE DE MA NATI	* * *	* * *	* 18 18.0 * * 66 30.0 *	127.0*	0.0*	122.0*	162.0*	0.0*	0.0*	0.0
LAGO EL GUINED	*PRO0012* *SAJ0021*	TORO NEGRO	*HI*	*PRWRA	* 18 9.7 * * 66 31.6 *	2.0*	5.0*	2226.0*	120.0*	2.0*	1.92*	9.7
***** COUNTY NAME: CIDRA FERC POWER SUPPLY AREA 24 FERC REGIONAL OFFICE CODE *****												
LAGO DE CIDRA	*PRO0020* *SAJ0022*	BAYAMON	*S*	*PRASA	* 18 12.0 * * 66 6.0 *	8.6*	20.0*	55.0*	75.0*	6.0*	0.0*	0.0
***** COUNTY NAME: COMERIO FERC POWER SUPPLY AREA 24 FERC REGIONAL OFFICE CODE *****												
CE-15	*PRU0005* *SAJ0023*	RIO DE LA PLATA	* * *	* * *	* 18 12.0 * * 66 12.0 *	99.0*	0.0*	154.0*	0.0*	0.0*	0.0*	0.0
COMERIO 1	*PR00019* *SAJ0024*	LA PLATA	*H*	*PRWRA	* 18 16.2 * * 66 12.4 *	135.0*	308.0*	140.0*	45.0*	1.0*	2.04*	17.9

L E G E N D

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

PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF PUERTO RICO

(07/10/79)

PROJECT NAME	* IDENT NUMBER * (1)	* NAME OF STREAM OR RIVER *	* PROJ * (2)	OWNER	*LATITUDE * (DM,M)	* DRAINAGE AREA * (SQ MI)	* AVERAGE ANNUAL INFLOW * (CFS)	* NET POWER * (FT)	* HEIGHT OF DAM * (FT)	* MAXIMUM STORAGE * (AC FT)	* CAPACITY * (M)	* ENERGY * (GWH)
COUNTY NAME: JUANA DIAZ					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO GUAYABAL	*PR00013*	JACAGUAS	*IS	*COMMONWEALTH OF P. R.	* 18 6.2 * * 66 29.3 *	* 21.0 * *	* 57. * *	* 92. * *	* 117. * *	* 8. * *	* 0. * * 2.41 * *N	* 0. * * 4.2 * *
LAGO TOA VACA	*PR00014*	TOA VACA	*IS	*PRWRA	* 18 6.2 * * 66 29.3 *	* 22.4 * *	* 47. * *	* 152. * *	* 206. * *	* 60. * *	* 0. * * 3.45 * *N	* 0. * * 6.1 * *
COUNTY NAME: LAS MARIAS					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
8=2	*PRU0004*	RIO GRANDE DE ANA	* *	* *	* 18 18.0 * * 67 6.0 *	* 127.0 * *	* 0. * *	* 165. * *	* -0. * *	* 0. * * 4.43 * *T	* 0. * * 30.0 * *	* 0. * *
COUNTY NAME: MOCA					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
CE=1	*PRU0006*	RIO CULEBRINAS	* *	* *	* 18 24.0 * * 66 6.0 *	* 61.0 * *	* 0. * *	* 72. * *	* -0. * *	* 0. * * 8.6 * *T	* 0. * * 6.4 * *	* 0. * *
COUNTY NAME: PATILLAS					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO PATILLAS	*PR00023*	PATILLAS	*I	*COMM P. R.	* 18 1.1 * * 66 1.3 *	* 25.0 * *	* 77. * *	* 112. * *	* 138. * *	* 17. * *	* 0. * * 3.82 * *N	* 0. * * 6.7 * *
COUNTY NAME: SANTA ISABEL					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO COAMO	*PR00016*	COAMO	*I	*COMMONWEALTH OF P. R.	* 18 0. * * 66 24.0 *	* 58.0 * *	* 121. * *	* 53. * *	* 64. * *	* 3. * *	* 0. * * 2.78 * *N	* 0. * * 4.9 * *
COUNTY NAME: TOA ALTA					FERC POWER SUPPLY AREA 24			FERC REGIONAL OFFICE CODE				
LAGO LA PLATA	*PR00017*	LA PLATA	*S	*PRASA	* 18 18.0 * * 66 12.0 *	* 175.0 * *	* 399. * *	* 99. * *	* 131. * *	* 33. * *	* 0. * * 18.83 * *N	* 0. * * 33.0 * *

L E G E N D

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF PUERTO RICO

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ* * AVERAGE * NET * HEIGHT* MAXIMUM*
* NUMBER* OR RIVER * PURP* * ANNUAL * POWER * OF * STORAGE* CAPACITY* ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: UTUADO FERC POWER SUPPLY AREA 24 FERC REGIONAL OFFICE CODE
*****
LAGO SAONILLAS *PRO0011*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 *PRO0003*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 *PRO0004*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

PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF SOUTH CAROLINA

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

COUNTY NAME: ABBEVILLE												

UPPER WARE SHOALS	*SCU0007*	*SALUDA RIVER	*HC	*DAEN SAC	* 34 26.0 *	* 530.0 *	* 976. *	* 60. *	* 66. *	* 54. *	* 0. *	* 0. *
	SAC0074				* 82 16.0 *					* 14.74 *	* 48.6 *	
ROCKY RIVER	*SC00247*	*ROCKY RIVER	*HRO	*CITY OF ABBEVILLE	* 34 15.5 *	* 196.0 *	* 450. *	* 78. *	* 52. *	* 31. *	* 2.80 *	* 9.2 *
	SAS0091				* 82 36.6 *					* 1.16 *	* 2.6 *	

COUNTY NAME: AIXEN												

LANGLEY POND	*SC00287*	*HORSE CREEK	*D	*UNITED MERCHANTS INC.	* 33 31.2 *	* 86.0 *	* 46. *	* 17. *	* 22. *	* 3. *	* 0. *	* 0. *
	SAS0092				* 81 50.7 *					* .43 *	* 1.3 *	
VAUCLUSE	*SC00290*	*HORSE CREEK	*HD	*GRANITEVILLE MAN CO	* 33 36.8 *	* 30.0 *	* 45. *	* 52. *	* 33. *	* 1. *	* .48 *	* .8 *
	SAS0093				* 81 48.4 *					* 0. *	* 0. *	
GRANITEVILLE	*SC00291*	*HORSE CREEK	*HD	*GRANITEVILLE MAN. CO.	* 33 34.7 *	* 56.0 *	* 71. *	* 41. *	* 18. *	* 1. *	* .45 *	* 1.2 *
	SAS0094				* 81 48.6 *					* .22 *	* .8 *	
SCNNAME02090	*SC00361*	*GIDDY SWAMP CREEK	*R	*COOPER REALTY	* 33 42.0 *	* 13.0 *	* 15. *	* 42. *	* 45. *	* 4. *	* 0. *	* 0. *
	SAC0075	*K			* 81 18.0 *					* .25 *	* .7 *	

COUNTY NAME: ANDERSON												

BROADWAY LAKE	*SC00539*	*BROADWAY CREEK	*R	*ANDERSON COUNTY	* 34 27.0 *	* 44.0 *	* 50. *	* 17. *	* 21. *	* 3. *	* 0. *	* 0. *
	SAS0095				* 82 35.0 *					* .20 *	* .6 *	
ANDERSON RESERVOIR	*SC00540*	*BEAVERDAM CREEK	*RS	*H G ANDERSON	* 34 37.5 *	* 10.0 *	* 21. *	* 24. *	* 26. *	* 1. *	* 0. *	* 0. *
	SAS0096				* 82 35.0 *					* .06 *	* .2 *	
SCNNAME04008 (BIG CR WATERSHED)	*SC00546*	*BIG CREEK	*D	*CITY OF WILLIAMSTON	* 34 37.7 *	* 5.0 *	* 9. *	* 24. *	* 31. *	* 1. *	* 0. *	* 0. *
	SAC0076				* 82 29.0 *					* .06 *	* .2 *	
LOWER PELZER	*SC01078*	*SALUDA RIVER	*H	*THE KENDALL COMPANY	* 34 37.2 *	* 414.0 *	* 600. *	* 38. *	* 42. *	* 0. *	* 3.28 *	* 10.0 *
	SAC0077				* 82 27.2 *					* 2.04 *	* 21.5 *	

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF SOUTH CAROLINA

(07/10/79)

PROJECT NAME	* IDENT NUMBER * (1)	* NAME OF STREAM OR RIVER	* PROJ PURP * (2)	OWNER	* LATITUDE LONGITUDE * (DM,M) (SQ MI)	* DRAINAGE AREA * (SQ MI)	* AVERAGE ANNUAL INFLOW * (CFS)	* NET POWER HEAD * (FT)	* HEIGHT OF DAM * (FT)	* MAXIMUM STORAGE (1000 AC FT) * (3)	* 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 COMPANY	* 34 39.3 * * 82 27.9 *	* 409.0 *	* 750.0 *	* 25.0 *	* 25.0 *	* 0.0 *	* 1.65 *	* 6.0 *

COUNTY NAME: BERKELEY												
FERC POWER SUPPLY AREA 21 FERC REGIONAL OFFICE CODE AT												
ST STEVEN	*SCU0003*	*SANTEE COOPER	*H	*DAEN SAC	* 33 24.0 * * 79 55.0 *	* 15000.0 *	* 14000.0 *	* 70.0 *	* 70.0 *	* 0.0 *	* 0.0 *	* 0.0 *
JEFFERIES	*SC01076*	*DIVERSION CANAL	*HRNC	*S C PUBLIC SERV ARTH	* 33 16.7 * * 79 58.7 *	* 15000.0 *	* 14000.0 *	* 68.0 *	* 77.0 *	* 1110.0 *	* 132.62 *	* 697.0 *

COUNTY NAME: CHEROKEE												
FERC POWER SUPPLY AREA 21 FERC REGIONAL OFFICE CODE AT												
GREATER CHEROKEE FALLS	*SCU0002*	*BROAD RIVER	*H	*DAEN SAC	* 35 4.1 * * 81 34.3 *	* 1500.0 *	* 2350.0 *	* 30.0 *	* 30.0 *	* 0.0 *	* 0.0 *	* 0.0 *
GREATER GASTON SHOALS	*SCU0014*	*BROAD RIVER	*HC	*DAEN SAC	* 35 6.4 * * 81 34.4 *	* 1420.0 *	* 2357.0 *	* 123.0 *	* 130.0 *	* 733.0 *	* 0.0 *	* 0.0 *
SCNONAME11001 (L AKE WHELCHER)	(L)*SCU0261*	*CHEROKEE CREEK	*O	*GAFFNEY BOARD OF PUBLIC	* 35 6.5 * * 81 37.4 *	* 15.0 *	* 24.0 *	* 52.0 *	* 60.0 *	* 4.0 *	* 0.0 *	* 0.0 *
NINETY-NINE ISLANDS	*SC01074*	*BROAD RIVER	*HR	*DUKE POWER COMPANY	* 35 1.5 * * 81 29.7 *	* 1550.0 *	* 2400.0 *	* 68.0 *	* 74.0 *	* 19.0 *	* 18.00 *	* 65.6 *
GASTON SHOALS	*SC01075*	*BROAD RIVER	*HR	*DUKE POWER COMPANY	* 35 8.4 * * 81 36.5 *	* 1250.0 *	* 2030.0 *	* 47.0 *	* 52.0 *	* 4.0 *	* 9.14 *	* 30.1 *
CHEROKEE FALLS	*SC01081*	*BROAD RIVER	*H	*BURLINGTON INDUSTRIES	* 35 3.5 * * 81 33.5 *	* 1500.0 *	* 2350.0 *	* 19.0 *	* 20.0 *	* 0.0 *	* 1.75 *	* 5.0 *

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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 * (CFD)	* NET POWER HEAD * (FT)	* HEIGHT OF DAM * (FT)	* MAXIMUM STORAGE * (1000 AC FT)	* CAPACITY (MW) * (3)	* ENERGY (GWH) * (3)

COUNTY NAME: CHESTER												

ROCKY CREEK	*SC01071*	CATAWBA	*HR	*DUKE PWR CO	* 34 32,3 * * 80 52,6 *	* 4360.0 *	* 5425, * * * *	* 58, * * * *	* 59, * * * *	* 2, * * * *	* 28.00 * * 50.16 * * * *	* 11.1 * * 201,8 * * * *
GREAT FALLS BORN	*SC01073*	CATAWBA	*H	*DUKE PWR CO	* 34 33,5 * * 80 53,6 *	* 4100.0 *	* 5150, * * * *	* 71, * * * *	* 71, * * * *	* 2, * * * *	* 24.00 * * 65.97 * * * *	* 29.9 * * 215,1 * * * *

COUNTY NAME: CHESTERFIELD												

SCNONAME13004 (UREKA LAKE)	*SC00028*	JUNIPER CREEK	*R	*STATE OF SOUTH CAROLINA	* 34 38,2 * * 79 54,0 *	* 66.0 *	* 110, * * * *	* 9, * * * *	* 16, * * * *	* 2, * * * *	* 0, * * .18 * * * *	* 0, * * .3 * * * *

COUNTY NAME: CLARENDON												

SPILLWAY (LAKE ARION)	*SC00732*	SANTEE RIVER	*HCR	*S C PUBLIC SERV AUTH	* 33 28,8 * * 80 10,0 *	* 14700.0 *	* 2200, * * * *	* 47, * * * *	* 50, * * * *	* 1400, * * * *	* 1.92 * * 28.42 * * * *	* 12.0 * * 27,8 * * * *

COUNTY NAME: DARLINGTON												

HARTSVILLE (TWOOD LAKE)	*SC00611*	BLACK CREEK	*RHM	*SUNOCO WOOD PRODUCTS	* 34 23,4 * * 80 9,0 *	* 215.0 *	* 301, * * * *	* 15, * * * *	* 10, * * * *	* 1, * * * *	* .32 * * .26 * * * *	* .8 * * .2 * * * *
SCNONAME16028 (LOPMAN MILL POND)	*SC00629*	PEE DEE RIVER	*O	*KLOPMAN MILL S	* 34 31,6 * * 79 50,0 *	* 7461.0 *	* 8610, * * * *	* 10, * * * *	* 13, * * * *	* 0, * * * *	* 0, * * 20.99 * * * *	* 0, * * 59.7 * * * *
SCNONAME16033 (KE ROBINSON)	*SC00632*	BLACK CREEK	*HRO	*CAROLINA POWER COMPANY	* 34 24,2 * * 80 9,0 *	* 173.0 *	* 242, * * * *	* 35, * * * *	* 40, * * * *	* 31, * * * *	* 0, * * 1.41 * * * *	* 0, * * 3.2 * * * *

COUNTY NAME: DORCHESTER												

WALTERBORD	*SC00005*	EDISTO	* * *	* * *	* 33 4,5 * * 80 30,0 *	* 1970.0 *	* 2241, * * * *	* 80, * * * *	* 80, * * * *	* 0, * * * *	* 0, * * 36.49 * * * *	* 0, * * 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 (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (3)	ENERGY (GWH) (3)

COUNTY NAME: EDGEFIELD FERC POWER SUPPLY AREA 21 FERC REGIONAL OFFICE CODE AT												

STEVENS CREEK RE SERVOIR	SCU01070 SAS0097	SAVANNAH RIVER	HRO	S C ELECTRIC + GAS CO	33 37.4 82 3.0	7173.0	9900.	28.	29.	18.88	18.88	90.0 92.3

COUNTY NAME: GREENVILLE FERC POWER SUPPLY AREA 21 FERC REGIONAL OFFICE CODE												

THE FORKS	SCU0016 SAC0095	SALUDA RIVER	HC	DAEN SAC	34 55.4 82 31.1	300.0	655.	95.	100.	348.	0.	0. 66.4
SCNONAME23001 (LAKE LANIER)	SC00001 SAC0096	VAUGHN CREEK	HS	SOUTHERN MER CERIZING CO	35 11.0 82 14.5	7.0	13.	42.	50.	2.	0.	0. .14
SCNONAME23002 (LAKE CUNNINGHAM)	SC00002 SAC0097	SOUTH TYGER RIVER	S	GREEN PUBLIC WORKS	34 59.1 82 15.5	67.0	107.	19.	22.	1.	0.	0. 2.8
SCNONAME23003 (NORTH SALUDA RIVER RESE)	SC00003 SAC0098	NORTH SALUDA RIVER	S	GREENVILLE W ATER SYSTEM	35 8.4 82 24.4	26.0	57.	160.	160.	76.	0.	0. 9.2
HOLIDAYS BRIDGE	SC00023 SAC0099	SALUDA RIVER	HS	DUKE POWER C OMPANY	34 31.6 82 22.5	531.0	880.	42.	44.	7.	3.50	12.7 16.2
SALUDA	SC00024 SAC0100	SALUDA RIVER	HSR	DUKE POWER C OMPANY	34 51.1 82 29.1	315.0	600.	41.	47.	8.	2.40	7.8 18.2
SCNONAME23026 (LAKE ROCK COVE)	SC00025 SAC0101	SOUTH SALUDA RIVER	S	GREENVILLE W ATER SYSTEM	35 3.9 82 40.3	14.0	31.	125.	146.	30.	0.	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.	1.00	6.7 14.3

COUNTY NAME: GREENWOOD FERC POWER SUPPLY AREA 21 FERC REGIONAL OFFICE CODE AT												

BUZZARDS ROOST LAKE GREENWOOD	SC00109 SAC0103	SALUDA RIVER	HSR	GREENWOOD CO UNTY	34 10.4 81 54.3	1150.0	1650.	54.	65.	270.	15.00	47.0 15.0

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

(07/10/79)

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

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

COUNTY NAME: HAMPTON												

SCNNAME25001	(L*SC00994)	BLACK CREEK	R		32 49.5	48.0	44.0	8.0	12.0	4.0	0.0	0.0
AKE WARREN)	SAC0104*				81 10.5						.11	.2

COUNTY NAME: KERSHAW												

SCNNAME28005	(H*SC00460)	BIG PINE TREE CR	R	HERMITAGE MI	34 14.8	53.0	66.0	10.0	14.0	3.0	0.0	0.0
ERMITAGE MILL PD	SAC0105*			LL	80 34.5						.16	.3

LAKE WATEREE	SC00485	WATEREE RIVER	SR	DUKE POWER C	34 20.0	4750.0	5825.0	77.0	83.0	304.0	56.00	221.2
	SAC0106*			O.	80 42.0						57.04	86.7

COUNTY NAME: LANCASTER												

FISHING CREEK	SC00138	CATAWBA RIVER	HR	DUKE POWER C	34 36.0	3810.0	4860.0	58.0	62.0	60.0	36.72	138.8
	SAC0107*			O.	80 53.2						31.58	47.2

CEDAR CREEK=ROCK Y CREEK	SC00139	CATAWBA RIVER	HR	DUKE POWER C	34 32.4	4360.0	5425.0	58.0	59.0	2.0	45.00	131.9
	SAC0108*			O.	80 52.5						33.16	81.0

DEARBORN=GREAT ALLS	SC00140	CATAWBA RIVER	H	DUKE POWER C	34 33.4	4100.0	5150.0	71.0	71.0	2.0	45.00	137.6
	SAC0109*			OMPANY	80 53.5						44.97	107.4

COUNTY NAME: LAURENS												

SCNNAME30001	(C*SC00248)	BEARUS CREEK	O	CLINTON MILL	34 29.3	3.0	4.0	50.0	55.0	1.0	0.0	0.0
LINTON MILL POND	SAC0110*			S	81 54.1						.07	.2

TUMBLING SHOALS (SCNNAME30016)	SC00259	REEDY RIVER	HR	DUKE POWER C	34 30.4	250.0	375.0	16.0	20.0	0.0	.30	1.1
	SAC0111*			OMPANY	82 13.4						2.37	8.2

BOYDS MILL	SC01066	REEDY RIVER	H	DUKE POWER C	34 27.2	224.0	315.0	47.0	49.0	3.0	.96	5.2
	SAC0112*			O.	82 11.7						2.72	16.1

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

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

COUNTY NAME: LAURENS												
FERC POWER SUPPLY AREA 21												
FERC REGIONAL OFFICE CODE AT												

WARE SHOALS	*SC01067*	*SALUDA RIVER	*HR	*RIEGEL TEXTI * *LE CORP	* 34 24.1 * * 82 14.6 *	* 564.0 * *	* 1000. * *	* 51. * *	* 52. * *	* 0. * *N	* 5.00 * * 1.23 *N	* 19.0 * * 18.2 *

COUNTY NAME: LEXINGTON												
FERC POWER SUPPLY AREA 21												
FERC REGIONAL OFFICE CODE												

SCONAME 32003 L	*SC00143*	*TWELVE MILE CREE*	*S	*BURLINGTON I * *INDUSTRIES	* 33 58.5 * * 81 14.0 *	* 34.0 * *	* 40. * *	* 30. * *	* 36. * *	* 0. * *N	* .30 * * .06 *N	* .4 * * .2 *
EXINGTON MILL PO	*SAC0114*	*K										
SCONAME 32008 BA	*SC00148*	*TWELVE MILE CREE*	*RH	*LEXINGTON WI * *LDLIFE	* 33 57.5 * * 81 15.5 *	* 31.0 * *	* 36. * *	* 12. * *	* 12. * *	* 1. * *N	* 0. * * .11 *N	* 0. * * .2 *
RR LAKE	*SAC0115*	*K										
SALUDA-LAKE MURR	*SC00224*	*SALUDA RIVER	*HR	*S CAR ELECTR * *IC AND GAS	* 34 3.0 * * 81 13.0 *	* 2400.0 * *	* 2700. * *	* 172. * *	* 188. * *	* 2096. * *N	* 197.50 * * 0. *N	* 225.0 * * 0. *
AY	*SAC0116*											

COUNTY NAME: MARLBORO												
FERC POWER SUPPLY AREA 21												
FERC REGIONAL OFFICE CODE												

SCONAME 35002 (AN)	*SC00636*	*PHILS CREEK	*HRSU	*PALMETTO BRI * *CK CO.	* 34 41.5 * * 79 50.1 *	* 23.0 * *	* 36. * *	* 8. * *	* 9. * *	* 0. * *N	* 0. * * .05 *N	* 0. * * .1 *
DERSON HILL POND	*SAC0117*											

COUNTY NAME: NEWBERRY												
FERC POWER SUPPLY AREA 21												
FERC REGIONAL OFFICE CODE AT												

BLAIR	*SC00008*	*BROAD RIVER	*HR	*DAEN SAC	* 34 25.4 * * 81 24.4 *	* 4475.0 * *	* 5520. * *	* 70. * *	* 80. * *	* 945. * *T	* 0. * * 96.82 *T	* 0. * * 263.7 *
	SAC0118											
PARR SHOALS.	*SC00110*	*BROAD RIVER	*HRC	*S CAR ELEC A * *ND GAS	* 34 15.5 * * 81 20.0 *	* 4700.0 * *	* 5600. * *	* 28. * *	* 38. * *	* 50. * *N	* 14.88 * * 25.92 *N	* 88.0 * * 23.1 *
	SAC0119											

COUNTY NAME: OCONEE												
FERC POWER SUPPLY AREA 21												
FERC REGIONAL OFFICE CODE AT												

HOGUES FORD	*SC00023*	*CHATTOOGA RIVER	*HR		* 34 48.9 * * 83 18.0 *	* 193.0 * *	* 620. * *	* 243. * *	* 128. * *	* 13. * *T	* 0. * * 28.79 *T	* 0. * * 104.7 *
	SAS0098											

LEGEND

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- (2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION, D=DEBRIS CONTROL, P=FARM POND, O=OTHER
- (3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF SOUTH CAROLINA

(07/10/79)

PROJECT NAME	* IDENT NUMBER * (1)	NAME OF STREAM GR RIVER	* PROJ * (2)	OWNER	* LATITUDE * LONGITUDE (DM.M)	DRAINAGE AREA (SQ MI)	* AVERAGE ANNUAL INFLOW * (CFD)	* NET HEAD * (FT)	* HEIGHT OF DAM * (1000 FT)	* MAXIMUM STORAGE * (AC FT)	* CAPACITY * (3)	* ENERGY * (3)		

COUNTY NAME: OCONEE														

FERC POWER SUPPLY AREA 21														

FERC REGIONAL OFFICE CODE A														

WAR WOMAN	* SCU0024 * * SAS0099 *	CHATTOOGA RIVER	* HR *		* 34 52.7 * * 83 14.0 *	163.0	550.0	179.0	187.0	162.0	* U * * T *	0.0 17.91	* U * * T *	0.0 65.1
CAMP CREEK	* SCU0025 * * SAS0100 *	CHATTOOGA RIVER	* HR *		* 34 45.5 * * 83 19.3 *	258.0	760.0	177.0	99.0	6.0	* U * * T *	0.0 28.03	* U * * T *	0.0 101.9
LOWER WHITEWATER	* SCU0026 * * SAS0101 *	WHITEWATER RIVER	* HR *		* 35 1.0 * * 82 59.7 *	17.0	70.0	890.0	165.0	12.0	* U * * T *	0.0 9.72	* U * * T *	0.0 33.4
BAD CREEK	* SCU0028 * * SAS0102 *	BAD CREEK	* M *		* 35 .4 * * 83 1.1 *	2.0	5.0	1205.0	325.0	36.0	* U * * T *	0.0 1.11	* U * * T *	0.0 3.1
MOUNTAIN LAKE	* SC00515 * * SAS0103 *	JERRY CREEK	* R *	* LAKE BECKY D * * DEVELOPMENT *	* 34 51.0 * * 83 7.2 *	3.0	9.0	38.0	40.0	1.0	* E * * N *	0.0 .05	* E * * N *	0.0 .1
CONEROSS CREEK O B	* SC00521 * * SAS0104 *	CONEROSS CREEK	* RC *	* W J HARVEY E * * ST. + OTHERS *	* 34 43.0 * * 83 5.0 *	18.0	69.0	7.0	30.0	4.0	* E * * N *	0.0 .18	* E * * N *	0.0 .7
LAKE JOCASSE	* SC00529 * * SAS0105 *	KEOWEE RIVER	* M *	* DUKE POWER *	* 34 57.6 * * 82 55.2 *	148.0	300.0	307.0	385.0	1316.0	* E * * N *	610.00 0.0	* E * * N *	374.0 0.0

COUNTY NAME: PICKENS														

FERC POWER SUPPLY AREA 21														

FERC REGIONAL OFFICE CODE AT														

LAKE ISSAQUENNA	* SC00691 * * SAS0106 *	SIX MILE CREEK	* R *	* CLEMSON UNIV * * ERSITY *	* 34 44.1 * * 82 51.9 *	10.0	21.0	28.0	31.0	1.0	* E * * N *	0.0 .07	* E * * N *	0.0 .2
TWELVE MILE CREEK K NO 16	* SC00699 * * SAS0107 *	RICES CREEK	* CR *	* ROY WHITLOCK * * + OTHERS *	* 34 50.5 * * 82 43.0 *	12.0	24.0	14.0	26.0	2.0	* E * * N *	0.0 .07	* E * * N *	0.0 .2
WOLF CREEK LAKE	* SC00700 * * SAS0108 *	WOLF CREEK	* CR *	* ROBERT WELBU * * RN + OTHERS *	* 34 51.3 * * 82 44.5 *	17.0	31.0	13.0	26.0	3.0	* E * * N *	0.0 .10	* E * * N *	0.0 .3
LAKE KEOWEE	* SC00706 * * SAS0109 *	KEOWEE RIVER	* HRD *	* DUKE POWER C * * OMPANY *	* 34 48.0 * * 82 53.3 *	451.0	650.0	136.0	150.0	960.0	* E * * N *	157.50 0.0	* E * * N *	84.0 0.0

L E G E N D														

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF SOUTH CAROLINA

(07/10/79)

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

COUNTY NAME: SPARTANBURG												

FERC POWER SUPPLY AREA 21												

FERC REGIONAL OFFICE CODE												

SCNDNAME42004 (LYMAN LAKE)	SC00737	MIDDLE TYGER RIVER	UR	LOWENSTEIN C	34 57.9	46.0	71.	35.	40.	8.	0.	0.
	SAC0131	ER		ORP.	82 12.1						1.03	3.6
SCNDNAME42006 (C. BOWEN LAKE)	SC00739	SOUTH PACOLET RIVER	SRO	SPARTANBURG	35 6.5	90.0	145.	35.	50.	32.	0.	0.
	SAC0132	VER		WATER WORKS	82 1.0						1.52	4.4
PACOLET	SC01060	PACOLET RIVER	HR	PACOLET INDU	34 55.2	460.0	620.	26.	27.	0.	.80	2.7
	SAC0133			STRICES INC	81 44.2						3.19	11.4
CLIFTON NO 1	SC01061	PACOLET RIVER	HR	DAN RIVER MI	34 58.9	319.0	440.	21.	22.	0.	.80	3.0
	SAC0134			LLS INC	81 49.4						3.67	12.6
CLIFTON NO 2	SC01062	PACOLET RIVER	HR	DAN RIVER MI	34 58.8	320.0	440.	17.	18.	0.	.53	2.1
	SAC0135			LLS INC	81 48.9						3.10	10.6
CLIFTON NO 3	SC01063	PACOLET RIVER	HR	DAN RIVER MI	34 59.7	318.0	440.	27.	28.	0.	1.10	2.8
	SAC0136			LS INC	81 50.1						4.63	17.2
R B SIMMS IS PACOLET RIVER RESER	SC01077	SOUTH PACOLET RIVER	SH	SPARTANBURG	35 6.6	93.0	150.	56.	58.	4.	1.00	4.4
	SAC0137	VER		WATER WORKS	81 58.2						1.51	2.9
PRINT CRASH	SC01080	MIDDLE TYGER RIVER	H	STARTEX MILL	34 55.8	72.0	95.	54.	54.	0.	1.20	2.3
	SAC0138	ER		S	82 6.2						1.30	6.3

COUNTY NAME: UNION												

FERC POWER SUPPLY AREA 21												

FERC REGIONAL OFFICE CODE AT												

NEAL SHOALS	SC01058	BROAD RIVER	HR	S C ELECTRIC	34 39.9	2730.0	3800.	24.	29.	6.	5.20	30.0
	SAC0139			AND GAS CO	81 26.9						15.05	25.2
LOCKHART	SC01059	BROAD RIVER	H	LOCKHART POW	34 47.9	2600.0	3640.	52.	53.	1.	12.30	70.0
	SAC0140			EN COMPANY	81 27.6						29.49	43.8

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PRELIMINARY ESTIMATES

(07/10/79)

POTENTIAL HYDROPOWER SITES

IN THE STATE OF SOUTH CAROLINA

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) *          * (2) *          *          * *LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
*          *          *          *          *          * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: YORK                                FERC POWER SUPPLY AREA 21    FERC REGIONAL OFFICE CODE
*****
*          *          *          *          *          *          *          *          *          *
GREATER LOCKHART*SCU0029*BROAD RIVER    *MCR *DAEN SAC    * 34 48.6 * 2600.0* 3640.* 170.* 112.* 2250.*U 0.*U 0.
*SAC0141*          *          *          *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *
SCNONAME46008 (F*SC00667*FISHING CREEK *C *          *          * 35 0. * 11.0* 14.* 18.* 25.* 3.*E 0.*E 0.
ISHING CR WSHED *SAC0142*          *          *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *
CATAWBA DAM LAKE*SCU0687*CATAWBA    *HR *DUKE POWER C * 35 1.3 * 3020.0* 4100.* 68.* 75.* 282.*E 60.00*E 136.7
WYLIE *SAC0143*          *          *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *
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LEGEND

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STATE OF TENNESSEE

PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF TENNESSEE

(07/10/79)

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

COUNTY NAME: BEDFORD			FERC POWER SUPPLY AREA 20				FERC REGIONAL OFFICE CODE AT					

COUNTY LINE	* TNU0037 * * DRN0093 *	* DUCK RIVER			* 35 34.7 * * 86 39.1 *	* 717.0 *	* 1150. *	* 53. *	* 60. *	* 0. * * 10.68 * * T	* 0. * * 29.8 * * T	* 0. *

COUNTY NAME: BLOUNT			FERC POWER SUPPLY AREA 20				FERC REGIONAL OFFICE CODE AT					

NALE CREEK	* TNU0023 * * DRN0094 *	* LITTLE RIVER			* 35 48.2 * * 83 53.5 *	* 268.0 *	* 513. *	* 51. *	* 68. *	* 71. * * 6.35 * * T	* 0. * * 21.3 * * T	* 0. *
MOUNT NEBO	* TNU0024 * * DRN0095 *	* LITTLE RIVER			* 35 44.0 * * 83 49.1 *	* 188.0 *	* 360. *	* 114. *	* 152. *	* 190. * * 9.96 * * T	* 0. * * 33.5 * * T	* 0. *
CHILHOWEE LAKE	* TNU0059 * * DRN0096 *	* LITTLE TENNESSEE	* HR	* TAPUCD INC	* 35 32.7 * * 84 3.0 *	* 1977.0 *	* 4602. *	* 48. *	* 65. *	* 40. * * 0. * * N	* 50.00 * * 0. * * N	* 256.8 * * 0. *
CALDERWOOD LAKE	* TNU0083 * * DRN0097 *	* LITTLE TENNESSEE	* HR	* TAPUCD INC.	* 35 29.5 * * 83 58.8 *	* 1856.0 *	* 4320. *	* 148. *	* 200. *	* 55. * * 0. * * N	* 121.50 * * 0. * * N	* 756.3 * * 0. *

COUNTY NAME: CAMPBELL			FERC POWER SUPPLY AREA 20				FERC REGIONAL OFFICE CODE AT					

NORRIS LAKE	* TNU0058 * * DRN0098 *	* CLINCH RIVER	* CHNN	* TVA	* 36 13.5 * * 84 5.5 *	* 2912.0 *	* 4367. *	* 176. *	* 238. *	* 2552. * * 0. * * N	* 100.80 * * 0. * * N	* 655.3 * * 0. *
LAFOLLETTE CITY RESERVOIR NO 1	* TNU0118 * * DRN0099 *	* OLLIS CK	* S	* CITY OF LAFO	* 36 23.4 * * 84 8.3 *	* 13.0 *	* 43. *	* 18. *	* 25. *	* 0. * * 0.18 * * N	* 0. * * 0.5 * * N	* 0. *
LAFOLLETTE CITY RESERVOIR NO 2	* TNU0119 * * DRN0100 *	* OLLIS CK	* S	* CITY OF LAFO	* 36 22.2 * * 84 10.5 *	* 11.0 *	* 36. *	* 26. *	* 35. *	* 1. * * 0.21 * * N	* 0. * * 0.6 * * N	* 0. *

COUNTY NAME: CARTER			FERC POWER SUPPLY AREA 20				FERC REGIONAL OFFICE CODE AT					

PINE CAMP	* TNU0020 * * DRN0101 *	* ELK RIVER			* 36 13.5 * * 81 58.2 *	* 49.0 *	* 90. *	* 548. *	* 150. *	* 23. * * 12.93 * * T	* 0. * * 37.4 * * T	* 0. *

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

(07/10/79)

PROJECT NAME	* IDENT * * NUMBER * (1)	NAME OF STREAM OR RIVER	* PRJ * * PURP * (2)	OWNER	* LATITLDE * * LONGITUDE * (DM,M)	* DRAINAGE * * AREA * (SQ MI)	* AVERAGE * * 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	* TNU0032 * * ORN0102 *	* DOE RIVER	* * * * * *	* * * * * *	* 36 17.8 * * 82 10.5 *	* 126.0 * * * * *	* 225. * * * * *	* 465. * * * * *	* 325. * * * * *	* 205. * * * * *	* U 0. * * T 21.33 * * * *	* U 0. * * T 65.2 * * * *
ELK MILLS	* TNU0034 * * ORN0103 *	* ELK RIVER	* * * * * *	* * * * * *	* 36 15.3 * * 81 59.4 *	* 69.0 * * * * *	* 100. * * * * *	* 238. * * * * *	* 130. * * * * *	* 10. * * * * *	* U 0. * * T 7.91 * * * *	* U 0. * * T 22.9 * * * *
WATAUGA LAKE	* TNU0063 * * ORN0104 *	* WATAUGA RIVER	* CHNR * * * * *	* TVA * * * * *	* 36 19.3 * * 82 7.3 *	* 468.0 * * * * *	* 1046. * * * * *	* 216. * * * * *	* 295. * * * * *	* 677. * * * * *	* E 50.00 * * N 0. * * * *	* E 194.0 * * N 0. * * * *
WILBUR LAKE	* TNU0064 * * ORN0105 *	* WATAUGA RIVER	* HR * * * * *	* TVA * * * * *	* 36 20.5 * * 82 7.6 *	* 471.0 * * * * *	* 803. * * * * *	* 52. * * * * *	* 70. * * * * *	* 1. * * * * *	* E 10.70 * * N 0. * * * *	* E 33.3 * * N 0. * * * *

COUNTY NAME: CHEATHAM												

FERC POWER SUPPLY AREA 20												

FERC REGIONAL OFFICE CODE AT												

THREE ISLANDS DAM	* TNU0013 * * ORN0106 *	* HARPETH RIVER	* MCR * * * * *	* CORPS * * * * *	* 36 15.2 * * 87 11.3 *	* 854.0 * * * * *	* 1190. * * * * *	* 87. * * * * *	* 120. * * * * *	* 715. * * * * *	* E 0. * * N 25.45 * * * *	* E 0. * * N 56.4 * * * *
CHEATHAM	* TNU0047 * * ORN0107 *	* CUMBERLAND	* MNR * * * * *	* DAEN ORN * * * * *	* 36 16.9 * * 87 13.2 *	* 14159.0 * * * * *	* 22274. * * * * *	* 47. * * * * *	* 64. * * * * *	* 104. * * * * *	* E 36.00 * * N 266.40 * * * *	* E 166.0 * * N 530.2 * * * *

COUNTY NAME: CLAIBORNE												

FERC POWER SUPPLY AREA 20												

FERC REGIONAL OFFICE CODE AT												

WAR RIDGE	* TNU0014 * * ORN0108 *	* CLINCH RIVER	* * * * * *	* * * * * *	* 36 24.6 * * 83 26.5 *	* 1480.0 * * * * *	* 2058. * * * * *	* 170. * * * * *	* 180. * * * * *	* 620. * * * * *	* U 0. * * T 106.55 * * * *	* U 0. * * T 233.2 * * * *
CUMBERLAND GAP	* TNU0036 * * ORN0109 *	* POWELL RIVER	* * * * * *	* * * * * *	* 36 32.5 * * 83 38.3 *	* 685.0 * * * * *	* 1130. * * * * *	* 172. * * * * *	* 190. * * * * *	* 0. * * * * *	* U 0. * * T 59.25 * * * *	* U 0. * * T 127.1 * * * *

COUNTY NAME: CLAY												

FERC POWER SUPPLY AREA 20												

FERC REGIONAL OFFICE CODE AT												

DALE HOLLOW	* TNU0043 * * ORN0110 *	* OBEY	* MCR * * * * *	* DAEN ORN * * * * *	* 36 32.3 * * 85 27.1 *	* 936.0 * * * * *	* 1854. * * * * *	* 120. * * * * *	* 163. * * * * *	* 1706. * * * * *	* E 54.00 * * N 0. * * * *	* E 195.3 * * N 0. * * * *

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

(07/10/79)

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

COUNTY NAME: COFFEE												
FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT												
LAKE TULLAHOMA	*TNU0121*	*CARROLL CK	*OP	*ROBERT G RAT*	35 24.0	2.0	21.	21.	29.	1. *E	0. *E	0.
	ORN0111			*CLIFFE	86 12.4					*N	.09*N	.3
MORTON LAKE	*TNU0126*	*DUCK RIVER	*R	*ROWLIN MORTO*	35 29.8	55.0	96.	12.	16.	0. *E	0. *E	0.
	ORN0112			*N	86 6.1					*N	.22*N	.5

COUNTY NAME: COOKE												
FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT												
OLD TOWN	*TNU0021*	*FRENCH BROAD RIV*			35 58.9	1856.0	2822.	72.	75.	0. *U	0. *U	0.
	ORN0113	*ER			83 8.1					*T	47.47*T	150.8
LONG CREEK	*TNU0027*	*FRENCH BROAD RIV*			35 56.6	1642.0	3400.	118.	157.	350. *U	0. *U	0.
	ORN0114	*ER			83 3.8					*T	77.22*T	245.3
HARTFORD	*TNU0031*	*PIGEON RIVER			35 48.4	546.0	990.	372.	130.	0. *U	0. *U	0.
	ORN0115				83 8.4					*T	98.00*T	344.2

COUNTY NAME: CUMBERLAND												
FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT												
DADDYS CREEK	*TNU0035*	*DADDYS CREEK			36 2.4	168.0	320.	260.	290.	233. *U	0. *U	0.
	ORN0116				84 48.6					*T	25.53*T	72.3
HOLIDAY LAKE	*TNU0078*	*OBER 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.
	ORN0118			*NESSEE	84 59.9					*N	.08*N	.3

COUNTY NAME: DAVIDSON												
FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT												
UDPTN90000	*TNU0008*	*MILL CREEK			36 2.2	52.0	91.	77.	0.	0. *U	0. *U	0.
	ORN0119				86 40.4					*T	1.46*T	3.5

L E G E N D

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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
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF TENNESSEE

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * * (UM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: FRANKLIN FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT
*****
TNNNAME 474 *TNU0140*BETHEL CK *R *CLARENCE DAY* 35 11.1 * 2.0* 21.* 36.* 49.* 0.*E 0.*E 0.
*DRNO127* * * * 85 52.3 * * * * * * *N .16*N .5
*****
COUNTY NAME: GILES FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT
*****
LAKE LOGAN *TNU0124*TR-ELKS RIVER *R *LAKE LOGAN I* 35 4.0 * 1.0* 61.* 26.* 35.* 1.*E 0.*E 0.
*DRNO128* * * * 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.
*DRNO129* * * * 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.
*DRNO130* * * * 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.
*DRNO131* * * * 82 45.1 * * * * * * *T 52.32*T 173.2
*****
COUNTY NAME: GRUNDY FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT
*****
GRUNDY CD LAKE N *TNU0116*LITTLE FIERY GIZZAR *STATE OF TEN* 35 16.0 * 1.0* 10.* 26.* 35.* 0.*E 0.*E 0.
D 2 *DRNO132*ZARD CK *NESSEE * 85 43.0 * * * * * * *N .06*N .2
*****
TNNNAME145 *TNU0134*BIG FIERY GIZZAR *DR CHARLES L* 35 15.8 * 1.0* 10.* 23.* 31.* 0.*E 0.*E 0.
*DRNO133*D CK *ITTELL * 85 46.5 * * * * * * *N .05*N .2
*****
    
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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F T E N N E S S E E

(07/10/79)

PROJECT NAME	* IDENT NUMBER * (1)	* NAME OF STREAM OR RIVER	* PROJ PURP * (2)	* OWNER	* LATITUDE * (DM,M)	* DRAINAGE AREA * (SQ MI)	* AVERAGE ANNUAL INFLOW * (CF9)	* NET POWER * (FT)	* HEIGHT OF DAM * (FT)	* MAXIMUM STORAGE * (1000 AC FT)	* CAPACITY * (MW)	* ENERGY * (GWH)

COUNTY NAME: HAMILTON												

CHICKAMAUGA LAKE	*TNU0075*	TENNESSEE RIVER	*NCHR	*TVA	* 35 6.1	* 20790.0	* 36477.	* 76.	* 103.	* 739.	* 108.00	* 867.3
	DRN0134				* 85 13.7						* 507.38	* 1058.1
BOSTON BRANCH LAKE	*TNU0106*	BOSTON BRANCH	*R	*NEIL THOMAS	* 35 14.7	* 1.0	* 10.	* 32.	* 43.	* 1.	* 0.	* 0.
	DRN0135				* 85 16.5						* .07	* .2

COUNTY NAME: HARDIN												

PICKWICK LAKE	*TNU0068*	TENNESSEE RIVER	*NCHR	*TVA	* 35 4.3	* 38820.0	* 65672.	* 67.	* 91.	* 1105.	* 220.00	* 1363.2
	DRN0136				* 88 15.1						* 890.72	* 1738.6

COUNTY NAME: HAWKINS												

SURGOINSVILLE	*TNU0017*	HOLSTON RIVER			* 36 28.3	* 2870.0	* 3560.	* 71.	* 72.	* 227.	* 0.	* 0.
	DRN0137				* 82 50.8						* 72.39	* 229.9

COUNTY NAME: HENDERSON												

PIN OAK LAKE	*TNU0072*	BROWNS CR	*CRI	*TVA	* 35 40.8	* 8.0	* 13.	* 24.	* 33.	* 13.	* 0.	* 0.
	DRN0138				* 88 16.6						* .08	* .2
BEECH LAKE	*TNU0102*	BEECH RIVER	*CRS	*TVA	* 35 39.6	* 16.0	* 26.	* 21.	* 28.	* 16.	* 0.	* 0.
	DRN0139				* 88 24.9						* .14	* .3

COUNTY NAME: HICKMAN												

TOTTY	*TNU0015*	DUCK RIVER			* 35 47.3	* 1820.0	* 2820.	* 96.	* 100.	* 720.	* 0.	* 0.
	DRN0140				* 87 23.2						* 77.77	* 160.0

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF TENNESSEE

(07/10/79)

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

COUNTY NAME: JEFFERSON													
FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT													
CHEROKEE LAKE	TNU0061	HOLSTON RIVER	CHNR	TVA	36 10.0	3429.0	5143	124	168	1541	E	120.00	E 535.0
	ORNO141				83 29.9						N	0	N 0

COUNTY NAME: JOHNSON													
FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT													
HOPPER CREEK	TNU0030	ROAN CREEK			36 23.6	106.0	170	150	160	0	U	0	U 0
	ORNO142				81 54.4						T	5.79	T 17.7

COUNTY NAME: KNOX													
FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT													
RIVERDALE	TNU0019	FRENCH BROAD RIV			35 57.4	5100.0	7562	50	53	172	U	0	U 0
	ORNO143	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	TNU0004	MISSISSIPPI RIVE			36 25.0	923225.0	246789	6	6	0	U	0	U 0
	LMH0020	ER			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	TNU0074	PETER CAVE CREEK	R	TN GAME FISH	35 21.1	8.0	13	38	52	8	E	0	E 0
	ORNO144			COMM	87 32.0						N	.13	N .3
DAVID CROCKETT LAKE	TNU0111	CRAWFISH CK	R	STATE OF TENNESSEE	35 16.1	8.0	13	23	31	1	E	0	E 0
	ORNO145				87 21.5						N	.07	N .2
VFW LAKE	TNU0133	WEAVER BR	R	TN GAME AND FISH COMM	35 21.4	1.0	61	29	39	0	E	0	E 0
	ORNO146				87 29.1						N	.46	N 1.1

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF TENNESSEE

(07/10/79)

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

COUNTY NAME: LEMING												
TNNNAME351	TNU0139	SQUAW BR	R	DAN W MADDOX	35 25.5	3.0	184	24	33	0	0	0
	ORNO147				87 29.1					N	1.00	N 2.6

COUNTY NAME: LINCOLN												
KELSD	TNU0028	ELK RIVER			35 7.8	697.0	1190	57	70	0	0	0
	ORNO148				86 26.6					T	11.86	T 31.7

COUNTY NAME: LOUDON												
MELTON HILL LAKE	TNU0057	CLINCH RIVER	NHR	TVA	35 53.1	3343.0	5014	72	97	126	72.00	264.5
	ORNO149				84 18.0					N	0	N 0
FORT LOUDON LAKE	TNU0060	TENNESSEE RIVER	NCHR	TVA	35 47.5	9550.0	14118	85	115	393	135.60	803.9
	ORNO150				84 14.6					N	105.97	N 31.0

COUNTY NAME: MARION												
NICKAJACK LAKE	TNU0071	TENNESSEE RIVER	NCHO	TVA	35 .1	21870.0	38372	50	67	252	97.20	668.4
	ORNO151				85 37.2					N	323.89	N 649.1

COUNTY NAME: MARSHALL												
LEWISBURG RESERV OIR	TNU0073	TURNER BRANCH	SR	CITY OF LEWISBURG	35 24.2	1.0	61	21	28	0	0	0
	ORNO152				86 50.3					N	.34	N .8

COUNTY NAME: McMINN												
CHARLESTON	TNU0038	HIWASSEE RIVER			35 15.3	2189.0	4650	50	60	238	0	0
	ORNO153				84 44.0					T	54.48	T 128.9

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

(07/10/79)

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

COUNTY NAME: MEIGS												

FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT												

WATTS BAR LAKE	TNU0066	TENNESSEE RIVER	NCHR	TVA	35 37.2	17310.0	30372.0	78.0	105.0	1175.0	153.30	1061.8
	ORNO154				84 47.0						369.02	572.4

COUNTY NAME: MONTGOMERY												

FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT												

ROSSVIEW DAM	TNU0012	REID RIVER	C	CORPS	36 33.2	955.0	1420.0	77.0	86.0	372.0	0.0	0.0
	ORNO155				87 12.4						23.24	55.9

COUNTY NAME: MORGAN												

FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT												

NEMO	TNU0022	CBED RIVER			36 5.8	517.0	950.0	335.0	335.0	411.0	0.0	0.0
	ORNO156				84 41.1						70.49	288.1

COUNTY NAME: PERRY												

FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT												

SINKING CREEK	TNU0018	BUFFALO RIVER			35 31.2	449.0	710.0	134.0	155.0	700.0	0.0	0.0
	ORNO157				87 50.6						26.64	60.1

COUNTY NAME: POLK												

FERC POWER SUPPLY AREA 20 FERC REGIONAL OFFICE CODE AT												

TODD MOUNTAIN	TNU0016	COOEE RIVER			35 7.5	615.0	1260.0	120.0	126.0	271.0	0.0	0.0
	ORNO158				84 40.4						29.54	116.9

AUSTRAL	TNU0041	HIWASSEE RIVER			35 13.4	1223.0	2620.0	103.0	140.0	158.0	0.0	0.0
	ORNO159				84 31.7						62.70	148.4

PARKSVILLE LAKE	TNU0065	NCOEE RIVER	HR	TVA	35 5.7	595.0	1422.0	95.0	129.0	87.0	18.00	65.0
	ORNO160				84 38.9						5.09	29.4

COOEE NUMBER 3 LAKE	TNU0081	COOEE RIVER	HH	TVA	35 2.4	492.0	1123.0	75.0	102.0	4.0	27.00	238.5
	ORNO161				84 28.0						0.0	0.0

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

(07/10/79)

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

COUNTY NAME: POLK												

OCDEE NUMBER 2 LAKE	TNU0002	OCDEE RIVER	H	TVA	35 5.0 84 29.5	512.0	1169	13	18	0	21.00	45.5
	ORNO162										0	0

COUNTY NAME: PUTNAM												

MONTEREY LAKE NO 1	TNU0093	STAMPS HOLLOW CK	R	JE WALKER SR	36 6.7 85 13.5	1.0	10	26	35	1	0	0
	ORNO163										0.06	0.2

COUNTY NAME: SCOTT												

DEVILS JUMPS DAM	TNU0007	BIG SOUTH FORK	HR	CORPS	36 38.8 84 32.2	957.0	1756	77	464	0	0	0
	ORNO164										43.32	78.2

HELENWOOD DAM	TNU0011	BIG SOUTH FORK			36 26.4 84 38.6	705.0	1196	77	0	0	0	0
	ORNO165										27.17	58.5

COUNTY NAME: SEVIER												

DOUGLAS LAKE	TNU0067	FRENCH BROAD RIV	CHNR	TVA	35 57.7 83 32.3	4541.0	6713	144	195	1475	115.00	522.8
	ORNO166	ER									79.77	150.3

COUNTY NAME: SMITH												

CORDELL HULL	TNU0042	CUMBERLAND	HNCR	DAEN DMN	36 17.4 85 56.7	8095.0	13389	61	83	311	100.00	398.2
	ORNO167										126.85	165.7

COUNTY NAME: SULLIVAN												

MORRILL SPRING	TNU0025	SOUTH FORK HOLST			36 28.0 82 14.2	788.0	1100	44	96	80	0	0
	ORNO168	ON RIVER									27.56	85.5

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF TENNESSEE

(07/10/79)

PROJECT NAME	* IDENT NUMBER * (1)	NAME OF STREAM GR RIVER	PROJ* PURP* (2)	OWNER	*LATITUDE * LONGITUDE * (DM,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: SULLIVAN												

BOONE LAKE												
	TNU0062	SOUTH FORK HOLSTON RIVER	CHNR	TVA	36 26.4	1840.0	3049.0	113.0	153.0	193.0	75.00	258.8
	ORNO169	ON RIVER			82 26.3						0.0	0.0

SOUTH HOLSTON LAKE												
	TNU0064	SOUTH FORK HOLSTON RIVER	CHNR	TVA	36 31.3	703.0	1199.0	194.0	262.0	764.0	35.00	208.8
	ORNO170	ON RIVER			82 5.3						0.0	0.0

FORT PATRICK HENRY LAKE												
	TNU0098	SOUTH FORK HOLSTON RIVER	HR	TVA	36 29.9	1903.0	3153.0	65.0	88.0	27.0	36.00	156.4
	ORNO171	ON RIVER			82 30.5						0.0	0.0

COUNTY NAME: TIPTON												

LOCK AND DAM NO. 3												
	TNU0005	MISSISSIPPI RIVER			35 27.5	931000.0	473410.0	30.0	30.0	0.0	0.0	0.0
	LMM0021	R			90 0.0						2843.69	10283.0

COUNTY NAME: VANBUREN												

FALL CREEK FALLS LAKE												
	TNU0052	FALL CR	R	FALLS CR FALLS	35 39.7	7.0	16.0	46.0	62.0	7.0	0.0	0.0
	ORNC172			LS ST. PK	85 21.6						0.14	0.5

COUNTY NAME: WARREN												

GREAT FALLS LAKE												
	TNU0049	CANEY FORK	HR	TVA	35 48.4	1677.0	3323.0	59.0	80.0	51.0	31.90	175.9
	ORNC173				85 37.9						0.0	0.0

COUNTY NAME: WASHINGTON												

INDIAN BEND												
	TNU0029	WATALGA RIVER			36 23.4	800.0	1220.0	65.0	1000.0	0.0	0.0	0.0
	ORNO174				82 19.0						24.10	79.8

ERWIN												
	TNU0033	NOLICHUCKY RIVER			36 11.2	651.0	1390.0	170.0	150.0	366.0	0.0	0.0
	ORNO175				82 31.7						67.05	222.0

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STATE OF VIRGINIA

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

(07/10/79)

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

COUNTY NAME: ALBERMARLE												

FERC POWER SUPPLY AREA 18												

FERC REGIONAL OFFICE CODE AT												

HATTON	*VAU0044*	JAMES RIVER	*H*	*	* 37 45.3 *	4503.0*	5004.*	21.*	0.*	0.*	0.*	0.*
	NA00001		*	*	* 78 31.1 *					*U	0.*	0.*
										T	27.36	70.1*
TOOTERS CREEK	*VAU0056*	TOOTERS CREEK	*H*	*	* 37 44.8 *	27.0*	29.*	30.*	51.*	30.*	0.*	0.*
	NA00002		*	*	* 78 31.0 *					*U	0.*	0.*
										T	.21	.5*
ADVANCED MILLS	*VAU0061*	RIVANNA RIVER	*HC*	*	* 38 10.7 *	109.0*	117.*	47.*	65.*	78.*	0.*	0.*
	NA00003		*	*	* 78 26.4 *					*U	0.*	0.*
										T	1.31	3.4*
RID MILLS	*VAU0062*	RIVANNA RIVER	*H*	*	* 38 6.0 *	263.0*	281.*	40.*	0.*	0.*	0.*	0.*
	NA00004		*	*	* 78 28.3 *					*U	0.*	0.*
										T	2.32	6.6*
BEAVER CREEK NO. 1	*VAU00301*	BEAVER CREEK	*CSR*	*ALBEMARLE C*	* 38 4.2 *	10.0*	14.*	43.*	58.*	4.*	0.*	0.*
	NA00005		*	*OUNTY	* 78 39.1 *					*E	0.*	0.*
										N	.15	.4*
SOUTH RIVANNA DAM	*VAU00302*	SOUTH FORK RIVANNA RIVER	*S*	*CITY OF CHAR*	* 38 6.0 *	263.0*	281.*	48.*	65.*	18.*	0.*	0.*
	NA00006		*	*LOTTSVILLE	* 78 28.0 *					*E	0.*	0.*
										N	2.72	7.9*
SUGAR HOLLOW DAM	*VAU00303*	MOORMANS RIVER	*SR*	*CITY OF CHAR*	* 38 8.2 *	18.0*	28.*	49.*	66.*	11.*	0.*	0.*
	NA00007		*	*LOTTSVILLE	* 78 44.3 *					*E	0.*	0.*
										N	.40	.8*

COUNTY NAME: ALLEGHANNEY												

FERC POWER SUPPLY AREA 18												

FERC REGIONAL OFFICE CODE AT												

KING DAM	*VAU0033*	JACKSON RIVER	*H*	*	* 37 46.8 *	812.0*	958.*	54.*	0.*	0.*	0.*	0.*
	NA00009		*	*	* 79 55.7 *					*U	0.*	0.*
										T	8.97	29.4*
GRIFFITH DAM	*VAU0034*	COMPASTURE RIVER	*CH*	*	* 37 52.6 *	376.0*	425.*	140.*	190.*	545.*	0.*	0.*
	NA00010		*	*	* 79 44.8 *					*U	0.*	0.*
										T	17.42	37.4*
HAYS	*VAU0082*	POTTS CREEK	*H*	*	* 37 44.5 *	163.0*	188.*	75.*	118.*	65.*	0.*	0.*
	NA00011		*	*	* 80 1.8 *					*U	0.*	0.*
										T	2.99	8.0*
STACKMINE	*VAU0064*	DUNLAP CREEK	*H*	*	* 37 45.3 *	103.0*	103.*	85.*	128.*	56.*	0.*	0.*
	NA00012		*	*	* 80 6.0 *					*U	0.*	0.*
										T	2.57	6.2*

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF VIRGINIA

(07/10/79)

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

COUNTY NAME: ALLEGHANY												

CALLAGHAN	*VAU0085*	*OGLE CREEK	*HC	*	* 37 48,4 *	* 44.0*	* 44,*	* 83,*	* 115,*	* 22,*	* 0,*	* 0,*
	NA00013				* 80 3,9 *					* 1.14*	* 2.2	
OGLE	*VAU0086*	*OGLE CREEK	*H	*	* 37 49,0 *	* 34.0*	* 34,*	* 78,*	* 112,*	* 16,*	* 0,*	* 0,*
	NA00014				* 80 5,8 *					* .83*	* 1.6	
FALLING SPRINGS	*VAU0115*	*FALLING SPR CR	*H	*BANC	* 37 52,1 *	* 10.0*	* 12,*	* 535,*	* 0,*	* 0,*	* .42*	* 1.4
	NA00015				* 79 56,8 *					* .96*	* 1.7	
GATHRIGHT DAM	*VAU0501*	*JACKSON RIVER	*RC	*DAEN=NAG	* 37 57,3 *	* 344.0*	* 180,*	* 169,*	* 228,*	* 426,*	* 0,*	* 0,*
	NA00016				* 79 57,3 *					* 23.81*	* 47.0	

COUNTY NAME: AMELIA												

GENITO DAM	*VAU0037*	*APPOMATTOX RIVER	*CH	*	* 37 27,5 *	* 716.0*	* 712,*	* 77,*	* 104,*	* 790,*	* 0,*	* 0,*
	NA00017				* 77 52,2 *					* 13.30*	* 32.2	

COUNTY NAME: AMHERST												

KELLY	*VAU0045*	*JAMES RIVER	*H	*	* 37 24,0 *	* 3425.0*	* 3883,*	* 11,*	* 0,*	* 0,*	* 0,*	* 0,*
	NA00018				* 79 5,4 *					* 4.75*	* 22.2	
WALKER FORD	*VAU0046*	*JAMES RIVER	*H	*	* 37 30,3 *	* 3607.0*	* 4089,*	* 23,*	* 0,*	* 0,*	* 0,*	* 0,*
	NA00019				* 78 54,6 *					* 25.43*	* 62.6	
ALLENS CREEK	*VAU0047*	*JAMES RIVER	*H	*	* 37 32,1 *	* 3649.0*	* 4137,*	* 13,*	* 0,*	* 0,*	* 0,*	* 0,*
	NA00020				* 78 52,7 *					* 9.09*	* 31.8	
PEDLAR MILLS	*VAU0059*	*PEDLAR RIVER	*HC	*	* 37 32,4 *	* 101.0*	* 114,*	* 60,*	* 92,*	* 34,*	* 0,*	* 0,*
	NA00021				* 79 15,6 *					* 1.13*	* 4.0	
CLIFFORD	*VAU0060*	*BUFFALO RIVER	*H	*	* 37 38,8 *	* 72.0*	* 81,*	* 41,*	* 66,*	* 26,*	* 0,*	* 0,*
	NA00022				* 79 4,9 *					* .60*	* 2.0	

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF VIRGINIA

(07/10/79)

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

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.	0.	0.
	NA00023				78 57.8					3.60	13.5	

CUSHAW DAM	VA00901	JAMES RIVER	H	VEPCO	37 35.5	3060.0	3333.	27.	25.	2.	0.	0.
	NA00024				79 23.0					25.68	60.1	

BIG ISLAND	VA00902	JAMES RIVER	MN	BEDFORD PULP	37 32.2	3100.0	3376.	15.	14.	1.	0.	0.
	NA00025			PAPER CO.	79 21.5					8.45	29.4	

REUSENS	VA00904	JAMES RIVER	H	APP POW	37 27.8	3264.0	3555.	32.	39.	5.	12.50	0.
	NA00026				79 11.2					19.96	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.	0.	0.
	NA00027			OF PARKS	78 38.0					.06	.1	

COUNTY NAME: AUGUSTA												

FERC POWER SUPPLY AREA 18												

FERC REGIONAL OFFICE CODE NY												

STAUNTON	VA00002	S FORK SHENANDOAH	R		38 11.0	325.0	275.	71.	92.	143.	0.	0.
	NA0163	H			78 55.0					3.68	11.4	

COUNTY NAME: BATH												

FERC POWER SUPPLY AREA 18												

FERC REGIONAL OFFICE CODE AT												

MCCLUNG	VA00081	COMPASTURE RIVER	H		38 0.	216.0	246.	93.	120.	56.	0.	0.
	NA00028				77 40.0					4.44	12.8	

WILLIAMSVILLE NO 1	VA00063	BULLPASTURE RIVE	H		38 12.2	108.0	139.	167.	210.	37.	0.	0.
	NA00029	R			79 34.5					4.43	13.6	

SHANKLIN	VA00087	JACKSON RIVER	H		38 0.	296.0	398.	63.	67.	0.	0.	0.
	NA00030				79 54.1					4.44	12.8	

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF VIRGINIA

(07/10/79)

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

COUNTY NAME: BATH												

DOUTHAT DAM	*VA01701*	*WILSON CREEK	*R	*VA DIV OF PA	* 37 53.0	* 17.0*	* 20.0*	* 36.0*	* 42.0*	* 1.0*	* 0.0*	* 0.0*
	NAD0031			*RKS	* 79 48.0					*N	*.16*	*.4

COUNTY NAME: BEDFORD												

HOLCOMBS ROCK	*VA00109*	*JAMES RIVER	*H	*OWENILL	* 37 30.6	* 3250.0*	* 3550.0*	* 17.0*	* 0.0*	* 0.0*	* 1.88*	* 9.0
	NA00032				* 79 15.9					*N	*15.30*	*31.2

SNOWDEN	*VA00120*	*JAMES RIVER	*H	*BEDFORD	* 37 34.6	* 3070.0*	* 3344.0*	* 18.0*	* 0.0*	* 0.0*	* 1.30*	* 7.0
	NA00033				* 79 22.5					*N	*4.89*	*22.7

SMITH MOUNTAIN	*VA01902*	*ROANCKE RIVER	*HRC	*APPALACHIAN	* 37 2.5	* 1020.0*	* 1201.0*	* 195.0*	* 207.0*	* 1520.0*	* 300.20*	* 70.0
	SAW0092			*POWER CO	* 79 32.2					*N	*0.0*	*0.0

COUNTY NAME: BLAND												

UDP	*VA00144*	*KIMBERLING CREEK	*CH		* 37 10.0	* 96.0*	* 144.0*	* 260.0*	* 270.0*	* 0.0*	* 0.0*	* 0.0
	ORH0060				* 80 54.0					*T	*6.44*	*19.6

UDP	*VA00151*	*LITTLE WALKER CR	*H		* 37 6.0	* 46.0*	* 69.0*	* 175.0*	* 190.0*	* 0.0*	* 0.0*	* 0.0
	ORH0061	*EEK			* 80 52.0					*T	*2.47*	*9.2

COUNTY NAME: BOTETOURT												

EAGLE ROCK DAM	*VA00038*	*JAMES RIVER	*HC		* 37 38.5	* 1830.0*	* 2123.0*	* 121.0*	* 164.0*	* 625.0*	* 0.0*	* 0.0
	NA00034				* 79 48.3					*T	*74.11*	*163.7

STONE HOUSE	*VA00070*	*CATAWBA CREEK	*HC		* 37 35.7	* 114.0*	* 131.0*	* 44.0*	* 69.0*	* 75.0*	* 0.0*	* 0.0
	NA00035				* 79 47.9					*T	*1.43*	*3.4

ROCKY POINT	*VA00072*	*JAMES RIVER	*H		* 37 34.8	* 2140.0*	* 2541.0*	* 20.0*	* 0.0*	* 0.0*	* 0.0*	* 0.0
	NA00036				* 79 34.5					*T	*8.31*	*27.9

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF VIRGINIA

(07/10/79)

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

COUNTY NAME: BOTETOURT												

FERC POWER SUPPLY AREA 18 FERC REGIONAL OFFICE CODE AT												

LYLE	*VAU0112*	JAMES RIVER	*M*	*	* 37 35.2 *	* 1980.0 *	* 2351. *	* 44. *	* 46. *	* 6. *U	* 0. *U	* 0. *
	NA00037		*	*	* 79 44.3 *	*	*	*	*	* 29.21 *T	* 65.9 *	
HIPES	*VAU0122*	CRAIG CREEK	*CR*	*	* 37 38.5 *	* 327.0 *	* 379. *	* 125. *	* 164. *	* 305. *U	* 0. *U	* 0. *
	NA00038		*	*	* 79 55.1 *	*	*	*	*	* 13.74 *T	* 29.1 *	

COUNTY NAME: BRUNSWICK												

FERC POWER SUPPLY AREA 18 FERC REGIONAL OFFICE CODE AT												

WESTERN BRIDGE	*VAU0107*	MEHEKIN RIVER	*M*	*	* 36 42.8 *	* 668.0 *	* 607. *	* 28. *	* 51. *	* 26. *U	* 0. *U	* 0. *
	NA00039		*	*	* 77 45.0 *	*	*	*	*	* 3.29 *T	* 8.9 *	

COUNTY NAME: BUCHANAN												

FERC POWER SUPPLY AREA 18 FERC REGIONAL OFFICE CODE NY												

DISMAL CREEK RESERVOIR	*VAU0142*	DISMAL CREEK	*MC*	*	* 37 27.0 *	* 74.0 *	* 111. *	* 90. *	* 178. *	* 34. *U	* 0. *U	* 0. *
	DR00062		*	*	* 81 56.0 *	*	*	*	*	* 2.29 *T	* 4.4 *	

COUNTY NAME: BUCKINGHAM												

FERC POWER SUPPLY AREA 18 FERC REGIONAL OFFICE CODE AT												

SLATE RIVER NO 1	*VAU0036*	SLATE RIVER	*CH*	*	* 37 42.8 *	* 237.0 *	* 229. *	* 140. *	* 190. *	* 350. *U	* 0. *U	* 0. *
	NA00040		*	*	* 78 21.6 *	*	*	*	*	* 5.36 *T	* 17.4 *	
ARVONIA	*VAU0053*	SLATE RIVER	*M*	*	* 37 42.2 *	* 231.0 *	* 229. *	* 62. *	* 80. *	* 0. *U	* 0. *U	* 0. *
	NA00041		*	*	* 78 23.4 *	*	*	*	*	* 2.87 *T	* 7.9 *	
SLATE RIVER	*VAU0054*	SLATE RIVER	*MC*	*	* 37 35.6 *	* 158.0 *	* 150. *	* 52. *	* 77. *	* 120. *U	* 0. *U	* 0. *
	NA00042		*	*	* 78 31.9 *	*	*	*	*	* 1.90 *T	* 4.7 *	
ROCK HOUSE	*VAU0118*	JAMES RIVER	*M*	*	* 37 44.4 *	* 4480.0 *	* 4977. *	* 27. *	* 0. *	* 0. *U	* 0. *U	* 0. *
	NA00043		*	*	* 78 38.3 *	*	*	*	*	* 35.00 *T	* 89.7 *	
WILLIS RIVER NO 1	*VA02907*	LITTLE WILLIS RIVER	*C*	*FRANK JOHNS	* 37 24.0 *	* 16.0 *	* 15. *	* 27. *	* 36. *	* 3. *E	* 0. *E	* 0. *
	NA00044	VER	*	*ESTATE	* 78 25.3 *	*	*	*	*	* 0.09 *N	* 0.2 *	

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 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF VIRGINIA

(07/10/79)

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

COUNTY NAME: CAMPBELL												

JOSHUA FALLS	*VAU0117*	*JAMES RIVER	*H	*	* 37 25.1 *	* 3420.0 *	* 3877. *	* 37. *	* 44. *	* 9. *	* 0. *	* 0. *
	NA00045				* 79 3.5 *						* 38.78 *	* 95.5 *
LITTLE FALLING RIVER NO-1	*VA03101*	*LITTLE FALLING RIVER	*C	*G FOSTER REY*	* 37 12.5 *	* 14.0 *	* 14. *	* 28. *	* 38. *	* 2. *	* 0. *	* 0. *
	SA00093			*NOLDS	* 79 51.7 *						*.12 *	*.2 *
MELROSE	*VA15720*	*ROANOKE RIVER	*HC	*DAEN SAW	* 37 0. *	* 2389.0 *	* 2389. *	* 106. *	* 106. *	* 0. *	* 0. *	* 0. *
	SA00094				* 79 3.3 *						* 59.81 *	* 165.9 *
TABER	*VA15730*	*ROANOKE RIVER	*HC	*DAEN SAW	* 37 0. *	* 2249.0 *	* 2160. *	* 37. *	* 53. *	* 34. *	* 0. *	* 0. *
	SA00095				* 79 12.3 *						* 19.65 *	* 54.5 *

COUNTY NAME: CAROLINE												

ROCK FALLS	*VAU0125*	*NORTH ANNA	*H	*	* 36 53.8 *	* 436.0 *	* 382. *	* 74. *	* 74. *	* 0. *	* 0. *	* 0. *
	NA00046				* 77 29.6 *						* 4.74 *	* 14.8 *
DILLARDS MILL	*VAU0126*	*NORTH ANNA	*HC	*	* 37 56.2 *	* 427.0 *	* 374. *	* 50. *	* 70. *	* 0. *	* 0. *	* 0. *
	NA00047				* 77 33.7 *						* 3.46 *	* 10.0 *
BYRDS HILL DAM	*VA03319*	*BEVERLYS RUN	*R	*CAMP EASTER	* 37 58.2 *	* 17.0 *	* 17. *	* 22. *	* 30. *	* 1. *	* 0. *	* 0. *
	NA00048			*SEAL	* 77 8.5 *						*.09 *	*.2 *

COUNTY NAME: CARROLL												

UDP	*VAU0148*	*BIG REED ISLAND	*HC	*	* 36 54.0 *	* 260.0 *	* 369. *	* 245. *	* 270. *	* 0. *	* 0. *	* 0. *
	DRH0063	*CREEK			* 80 42.0 *						* 17.29 *	* 44.9 *
UDP	*VAU0149*	*LITTLE REED ISLAND	*CH	*	* 36 51.0 *	* 60.0 *	* 90. *	* 205. *	* 220. *	* 0. *	* 0. *	* 0. *
	DRH0064	*ND CREEK			* 80 47.0 *						* 3.78 *	* 14.0 *

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF VIRGINIA

(07/10/79)

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

COUNTY NAME: CHARLOTTE												

ROANOKE CREEK NO-72A	*VA03702*	*TWHITTYS CREEK*	*CS*	*SOUTHSIDE SH*	*36 59,0 * *78 33,0 *	15.0*	15.*	25.*	34.*	2.*E	0.*E	0.*
	SAW0096			*CD/DRAKE*						*N	.09*N	.2
ROANOKE CREEK NO-62	*VA03708*	*HORSEPEN CREEK*	*C*	*PAUL BARTHOL*	*36 56,5 * *78 34,0 *	11.0*	11.*	27.*	36.*	2.*E	0.*E	0.*
	SAW0097			*OME*						*N	.07*N	.1

COUNTY NAME: CHESEAPEAKE												

LAKE DRUMMOND	*VA55001*	*LAKE DRUMMOND*	*NS*	*DAEN NAO*	*36 36,0 * *76 26,7 *	140.0*	135.*	5.*	6.*	22.*E	0.*E	0.*
	NA00049									*N	.18*N	.4

COUNTY NAME: CHESTERFIELD												

GEORGE F. BRASFIELD	*VA04101*	*APPMATTOX RIVER*	*SR*	*APPMAT RI * *ATER AUTH *	*37 13,0 * *77 32,0 *	1336.0*	1310.*	48.*	57.*	80.*E	0.*E	0.*
	NA00050									*N	19.17*N	40.1
SWIFT CREEK DAM	*VA04104*	*SWIFT CREEK*	*R*	*VA DIVISION *OF PARKS *	*37 23,0 * *77 33,0 *	101.0*	89.*	23.*	27.*	2.*E	0.*E	0.*
	NA00051									*N	.56*N	1.2
SWIFT CREEK RESEVOIR	*VA04112*	*SWIFT CREEK*	*S*	*CHESTERFIELD *COUNTY *	*37 25,0 * *77 39,0 *	65.0*	57.*	35.*	48.*	26.*E	0.*E	0.*
	NA00052									*N	.57*N	1.2

COUNTY NAME: CRAIG												

MEADOW CREEK	*VA00123*	*MEADOW CREEK*	*H*	*LR BOT*	*37 29,1 * *80 7,5 *	14.0*	16.*	606.*	0.*	0.*E	.30*E	1.6
	NA00053									*N	1.98*N	3.6
JOHNS CREEK NO. 2	*VA04501*	*LITTLE OREGON CR*	*C*	*ELDRIDGE HUF *FMAN *	*37 24,1 * *80 25,5 *	6.0*	7.*	32.*	43.*	1.*E	0.*E	0.*
	NA00054	*EEK*								*N	.06*N	.2
JOHNS CREEK NO. 1	*VA04502*	*JOHNS CREEK*	*C*	*EVELL B MCDA *NIEL *	*37 24,1 * *80 25,5 *	18.0*	22.*	38.*	52.*	3.*E	0.*E	0.*
	NA00055									*N	.24*N	.5

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF VIRGINIA

(07/10/79)

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

COUNTY NAME: CRAIG												

JOHNS CREEK NO. 4	VA04504	DICKS CREEK	C	LLUYD CONNALL	37 26.3	6.0	7.0	35.0	48.0	1.0	0.0	0.0
	NA00056			LY	80 22.5						0.07	0.2

COUNTY NAME: CULPEPER												

HAZEL RIVER	VA00090	HAZEL RIVER	HC		38 33.9	311.0	359.0	104.0	0.0	600.0	0.0	0.0
	NA00057				77 54.7						6.28	22.1
RAPIDAN	VA00099	RAPIDAN RIVER	H		38 18.6	445.0	487.0	36.0	0.0	0.0	0.0	10.7
	NA00058				78 4.0						3.42	10.7
MOUNTAIN RUN NO. 50	VA04703	MOUNTAIN RUN	CRS	TOWN OF CULP	38 28.0	14.0	14.0	21.0	29.0	4.0	0.0	0.0
	NA00059			EPER	78 2.3						0.07	0.2

COUNTY NAME: CUMBERLAND												

CA-IRA	VA00066	WILLIS RIVER	HC		37 29.0	111.0	105.0	45.0	71.0	102.0	0.0	0.0
	NA00061				78 19.3						1.27	2.9

COUNTY NAME: DICKENSON												

FLANNAGAN	VA00733	POUND RIVER	CURS	DAEN DRH	37 14.0	221.0	273.0	181.0	236.0	146.0	0.0	0.0
	DRH0065				82 20.7						16.28	30.0
HAYST RESERVOIR	VA01000	RUSSEL FORK	C		37 16.0	155.0	178.0	58.0	147.0	82.0	0.0	0.0
	DRH0066				82 27.0						2.62	6.1

COUNTY NAME: DINWIDDIE												

ABUTMENT	VA00075	APPOMATTOX RIVER	H		37 13.1	1350.0	1548.0	64.0	0.0	0.0	0.0	0.0
	NA00062				77 20.3						32.87	65.5

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 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF VIRGINIA

(07/10/79)

PROJECT NAME	* IDENT NUMBER *	* NAME OF STREAM OR RIVER *	* PROJ* PURP* (2) *	OWNER	*LATITUDE *LONGITUDE* (DM,M)	* DRAINAGE AREA * (SQ MI)	* AVERAGE ANNUAL INFLOW * (CF8)	* NET 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 *	* 0 *	* 0 *
	NAB0151			* AND IN FISH	* 77 17,8 *						*N	*.09*N

COUNTY NAME: FAUQUIER												

FERC POWER SUPPLY AREA 18 FERC REGIONAL OFFICE CODE AT												

FAUQUIER SPRINGS	*VAU0095*	*RAPPAHANNOCK RIV	*HC		* 38 36,8 *	* 236,0 *	* 234 *	* 89 *	* 115 *	* 214 *	* 0 *	* 0 *
	NAD0064	*ER			* 77 51,7 *						*T	*3,96*T

COUNTY NAME: PLUVANNA												

FERC POWER SUPPLY AREA 10 FERC REGIONAL OFFICE CODE AT												

SHORES	*VAU0051*	*JAMES RIVER	*HC		* 37 43,9 *	* 4741,0 *	* 5263 *	* 14 *	* 0 *	* 0 *	* 0 *	* 0 *
	NAD0068				* 78 22,4 *						*T	*19,21*T
HARDWARE	*VAU0055*	*HARDWARE RIVER	*HC		* 37 47,3 *	* 115,0 *	* 126 *	* 39 *	* 62 *	* 41 *	* 0 *	* 0 *
	NAD0069				* 78 24,2 *						*T	*.85*T
PALMYRA	*VAU0079*	*PLUVANNA RIVER	*H		* 37 54,9 *	* 641,0 *	* 686 *	* 47 *	* 62 *	* 84 *	* 0 *	* 0 *
	NAD0070				* 78 17,9 *						*T	*5,20*T
BREMO BLUFF	*VAU0080*	*JAMES RIVER	*H		* 37 42,6 *	* 5010,0 *	* 5634 *	* 20 *	* 21 *	* 8 *	* 0 *	* 0 *
	NAD0071				* 78 18,1 *						*T	*28,44*T
MONTICELLO DAM	*VA06501*	*ROSTON CREEK	*R	*MONTICELLO D	* 37 55,2 *	* 9,0 *	* 9 *	* 58 *	* 70 *	* 10 *	* 0 *	* 0 *
	NAD0072			*EVELOP, CORP	* 78 18,0 *						*N	*.16*N

COUNTY NAME: FREDERICK												

FERC POWER SUPPLY AREA 7 FERC REGIONAL OFFICE CODE NY												

WINCHESTER	*VAU0004*	*GPEQUON CREEK	*RQS		* 39 10,0 *	* 121,0 *	* 77 *	* 55 *	* 75 *	* 77 *	* 0 *	* 0 *
	NAB0164				* 78 7,0 *						*T	*1,51*T

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

(07/10/79)

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

COUNTY NAME: GILES												

PEARLSBURG LAKE												
	VAU0143	*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												
	VAU0150	*WALKER CREEK*	*CH*		* 37 17,0 *	303.0*	293*	260*	270*	0.*U	0.*U	0.*
	PRH0060				* 80 42,0 *					*T 29.64*	*T 68.4	
UDP												
	VAU0152	*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												

DOG TOWN DAM												
	VAU0064	*LICKINGHOLE CREEK*	*HC*		* 37 42,0 *	70.0*	67*	40*	59*	35.*U	0.*U	0.*
	NAD0073	*K*			* 77 57,5 *					*T .77*	*T 1.7	
ELK HILL												
	VAU0055	*BYRD CREEK*	*HC*		* 37 44,5 *	111.0*	112*	31*	45*	56.*U	0.*U	0.*
	NAD0074				* 78 6,2 *					*T .87*	*T 2.0	
PEMBERTON												
	VAU0121	*JAMES RIVER*	*HC*		* 37 40,2 *	6240.0*	7017*	88*	0*	3130.*U	0.*U	0.*
	NAD0075				* 78 6,1 *					*T 155.84*	*T 395.8	

COUNTY NAME: GREENE												

ROCK HILL												
	VAU0092	*RAPIDAN RIVER*	*H*		* 38 16,8 *	113.0*	144*	98*	112*	105.*U	0.*U	0.*
	NAD0076				* 78 20,4 *					*T 3.02*	*T 9.2	

COUNTY NAME: GREENSVILLE												

RADIUM												
	VAU0103	*MEHERRIN RIVER*	*CRM*		* 36 42,5 *	738.0*	656*	57*	75*	260.*U	0.*U	0.*
	NAU0077				* 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.*
	NAD0078			*RIA	* 77 33,5 *					*N 4.25*	*N 13.1	

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

(07/10/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ PURP	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA	ANNUAL INFLOW	AVERAGE POWER	NET HEAD	WEIGHT DAM	MAXIMUM STORAGE	ENERGY CAPACITY
	(1)		(2)		(DM,M) (SQ MI)	(CF3)	(FT)	(FT)	(FT)	(AC FT)	(3)	(3)
***** COUNTY NAME: HALIFAX *****												
					FERC POWER SUPPLY AREA 10			FERC REGIONAL OFFICE CODE				
HALIFAX DAM	VA08301	BANISTER RIVER	S	TOWN OF HALIFAX, VA	36 47.0 78 55.5	508.0	508.0	23.0	31.0	6.0	0.0	0.0
	SAW0098									N	1.83	6.3
JOHN M KERR	VA11701	ROANOKE RIVER	HCR	DAEN-SAW	36 35.9 78 18.1	7800.0	7749.0	90.0	138.0	3294.0	204.00	420.0
	SAW0100									N	0.0	0.0
***** COUNTY NAME: HANOVER *****												
					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE AT				
GOODALL	VAU0124	SOUTH ANNA	CH		37 48.2 77 34.6	384.0	353.0	75.0	90.0	74.0	0.0	0.0
	NA00080									T	4.89	14.7
BLUNTS BRIDGE	VAU0127	SOUTH ANNA	H		37 48.2 77 30.5	406.0	373.0	35.0	0.0	0.0	0.0	0.0
	NA00061									T	2.89	7.6
***** COUNTY NAME: HENRICO *****												
					FERC POWER SUPPLY AREA 18			FERC REGIONAL OFFICE CODE AT				
RICHMOND	VAU0076	JAMES RIVER	H		37 33.6 77 34.6	6780.0	7767.0	72.0	0.0	0.0	0.0	0.0
	NA00083									T	125.28	306.7
BOSHER	VA08701	JAMES RIVER	SH	C+D RAILWAY	37 33.6 77 34.6	6750.0	7454.0	30.0	10.0	111.0	0.0	0.0
	NA00064			CO						N	51.97	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 80 1.7	212.0	286.0	152.0	218.0	322.0	14.00	24.0
	SAW0101									N	0.0	0.0
LEATHERWOOD CREEK	VA06902	LEATHERWOOD CREEK	C	COLEMAN LAWRENCE	36 44.0 79 43.3	12.0	12.0	35.0	48.0	2.0	0.0	0.0
	SAW0102									N	.08	.2
MARROWBONE CREEK	VA08908	MARROWBONE CREEK	C	WILLIAM CLAN	36 34.4 79 54.0	11.0	11.0	30.0	41.0	2.0	0.0	0.0
	SAW0103			TQN						N	.07	.3

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 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF VIRGINIA

(07/10/79)

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

COUNTY NAME: HENRY												

MARTINSVILLE	*VA15550*	*SMITH RIVER	*H	*CITY OF MARTINSVILLE	* 36 36.0 * * 79 53.0 *	* 374.0 *	* 444. *	* 32. *	* 32. *	* 0. *E	* 0. *E	* 0. *
	SAW0104									* 2.06 *N	* 9.0 *	

COUNTY NAME: LOUDOUN												

GOOSE CR DAM	*VA10703*	*GOOSE CREEK	*S	*CITY OF FAIRFAX	* 39 2.9 * * 77 31.6 *	* 358.0 *	* 300. *	* 28. *	* 38. *	* 3. *E	* 0. *E	* 0. *
	NAB0152			*FAX								
PRECISION DYNAMICS NO 1	*VA10710*	*NORTH FORK GOOSE CR	*R	*PRECISION DYNAMICS	* 39 7.2 * * 77 45.5 *	* 10.0 *	* 10. *	* 35. *	* 48. *	* 3. *E	* 0. *E	* 0. *
	NAB0153			*NAMICS						* .09 *N	* .2 *	

COUNTY NAME: LOUISA												

LOUISA DAM	*VA10903*	*HICKORY CREEK	*R	*BLUE RIDGE SERVICES, INC	* 38 7.0 * * 78 .7 *	* 16.0 *	* 14. *	* 21. *	* 25. *	* 3. *E	* 0. *E	* 0. *
	NAD0085									* .08 *N	* .2 *	
GORDONSVILLE DAM	*VA10923*	*SOUTH FORK ANNA RIVER	*SC	*TOWN OF GORDONSVILLE	* 38 5.2 * * 78 12.0 *	* 15.0 *	* 15. *	* 24. *	* 33. *	* 2. *E	* 0. *E	* 0. *
	NAD0086									* .11 *N	* .2 *	

COUNTY NAME: LUNENBERG												

MEREDITH	*VAU0106*	*HEHERRIN	*HC		* 36 47.0 * * 78 2.6 *	* 470.0 *	* 406. *	* 27. *	* 53. *	* 23. *U	* 0. *U	* 0. *
	NAD0049									* 2.51 *T	* 6.3 *	

COUNTY NAME: LYNCHBURG												

LYNCHBURG WATER WORKS DAM	*VA68001*	*JAMES RIVER	*H	*APPALACHIAN POWER CO	* 37 25.5 * * 79 8.5 *	* 3320.0 *	* 3616. *	* 11. *	* 20. *	* 2. *E	* 0. *E	* 0. *
	NAD0090									* 4.42 *N	* 20.3 *	

L E G E N D

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

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PLRP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: MADISON FERC POWER SUPPLY AREA 18 FERC REGIONAL OFFICE CODE AT
*****
LOCUST DALE *VAU0091*ROBERTSON RIVER *H * * * 38 22.4 * 142.0 * 169. * 51. * 75. * 9. *U 0. *U 0.
*NAB0091* * * * * * 78 8.5 * * * * * * * *T 2.01*T 5.6
*****
COUNTY NAME: MECKLENBURG FERC POWER SUPPLY AREA 10 FERC REGIONAL OFFICE CODE
*****
GORDANS DAM *VA11704*HILES CREEK *R *VA GAME COMM* 36 41.5 * 20.0 * 20. * 15. * 20. * 2. *E 0. *E 0.
*SAB0107* * * * * * 78 13.0 * * * * * * * *N .05*N .2
*****
COUNTY NAME: MONTGOMERY FERC POWER SUPPLY AREA 18 FERC REGIONAL OFFICE CODE NY
*****
UDP *VAU0145*LITTLE RIVER *CH * * * 37 .6 * 198.0 * 238. * 126. * 145. * 0. *U 0. *U 0.
*PRH0070* * * * * * 80 24.0 * * * * * * * *T 6.39*T 20.4
*****
COUNTY NAME: NANSEMOND FERC POWER SUPPLY AREA 18 FERC REGIONAL OFFICE CODE AT
*****
COMOON DAM *VA12301*NANSEMOND RIVER *S *CITY OF PORT* 36 45.3 * 30.0 * 31. * 16. * 25. * 5. *E 0. *E 0.
*NAB0092* * * * * * 76 37.8 * * * * * * * *N .18*N .3
*****
BURNT MILLS DAM *VA12303*WESTERN BRANCH *S *CITY OF NORF* 36 50.4 * 25.0 * 27. * 16. * 32. * 10. *E 0. *E 0.
*NAB0093*ANSEMOND RIVE * *DLK * 76 37.9 * * * * * * * *N .15*N .3
*****
COUNTY NAME: NELSON FERC POWER SUPPLY AREA 18 FERC REGIONAL OFFICE CODE AT
*****
BUFFALO NO 3 *VAU0039*TYE RIVER *CH * * * 37 38.8 * 406.0 * 674. * 140. * 190. * 350. *U 0. *U 0.
*MAU0130* * * * * * 78 49.4 * * * * * * * *T 14.46*T 33.2
*****
HOWARDSVILLE *VAU0052*ROCKFISH RIVER *H * * * 37 43.7 * 244.0 * 265. * 51. * 70. * 0. *U 0. *U 0.
*NAB0131* * * * * * 78 39.4 * * * * * * * *T 2.10*T 7.7
*****
ROCKFISH *VAU0068*ROCKFISH RIVER *HC * * * 37 48.4 * 144.0 * 213. * 87. * 125. * 118. *U 0. *U 0.
*NAB0132* * * * * * 78 45.8 * * * * * * * *T 3.59*T 11.1
*****

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

(07/10/79)

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

COUNTY NAME: NELSON												
FERC POWER SUPPLY AREA 18 FERC REGIONAL OFFICE CODE AT												
SCHUYLER NO 1 2	*VAU0111*	*ROCKFISH RIVER*	*H*	*GA MARB*	* 37 47.2 * * 78 42.0 *	* 196.0*	* 290.*	* 30.*	* 0.*	* 0.*E	*.78*E	* 1.4
	NA00134									*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 * * 76 52.7 *	* 45.0*	* 46.*	* 19.*	* 25.*	* 11.*E	* 0.*E	* 0.
	NA00094			*ORT NEWS*						*N	*.24*N	*.6

COUNTY NAME: NOTTOWAY												
FERC POWER SUPPLY AREA 18 FERC REGIONAL OFFICE CODE AT												
NOTTOWAY RIVER DAM	*VA13501*	*NOTTOWAY RIVER*	*S*	*DDD USA*	* 36 59.3 * * 77 57.9 *	* 312.0*	* 302.*	* 12.*	* 16.*	* 3.*E	* 0.*E	* 0.
	NAU0095									*N	*.56*N	* 1.9

COUNTY NAME: ORANGE												
FERC POWER SUPPLY AREA 18 FERC REGIONAL OFFICE CODE AT												
MADISON MILLS	*VAU0101*	*RAPIDAN RIVER*	*H*		* 38 16.6 * * 78 8.6 *	* 233.0*	* 255.*	* 55.*	* 0.*	* 0.*U	* 0.*U	* 0.
	NAU0098									*T	*2.77*T	* 8.6

LAKE OF THE WOODS DAM	*VA13701*	*FLAT RUN*	*R*	*LAKE OF THE WOODS, INC.*	* 38 21.2 * * 77 45.2 *	* 7.0*	* 8.*	* 42.*	* 57.*	* 20.*E	* 0.*E	* 0.
	NA00099									*N	*.08*N	*.1

COUNTY NAME: PAGE												
FERC POWER SUPPLY AREA 7 FERC REGIONAL OFFICE CODE NY												
SHENANDOAH	*VA13903*	*S FK SHENANDOAH*	*H*	*POTOMAC EDIS*	* 38 28.8 * * 78 37.6 *	* 1250.0*	* 1200.*	* 14.*	* 16.*	* 0.*E	*.86*E	* 4.8
	NAB0154			*ON CO OF VA*						*N	*2.22*N	* 4.6

NEWPORT	*VA13904*	*S FK SHENANDOAH*	*H*	*POTOMAC EDIS*	* 38 34.1 * * 78 35.6 *	* 1300.0*	* 1250.*	* 30.*	* 35.*	* 0.*E	* 1.40*E	* 7.8
	NAB0155			*ON CO OF VA*						*N	*3.26*N	* 12.7

LURAY	*VA13905*	*S FK SHENANDOAH*	*H*	*POTOMAC EDIS*	* 38 40.7 * * 78 30.0 *	* 1377.0*	* 1300.*	* 16.*	* 19.*	* 0.*E	* 1.60*E	* 7.4
	NAB0156			*ON CO OF VA*						*N	*2.20*N	* 5.6

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

(07/10/79)

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

COUNTY NAME: PRINCE WILLIAM			FERC POWER SUPPLY AREA 18				FERC REGIONAL OFFICE CODE NY					

OCCOQUAN MAIN DAM	VA15304	OCCOQUAN RIVER	S	FAIRFAX WATER AUTHORITY	38 41.7	594.0	594.0	67.0	90.0	178.0	0.0	0.0
	NA80158				77 16.6						6.06	19.4
LAKE JACKSON DAM	VA15306	OCCOQUAN RIVER	RH	PRINCE WILLIAM CO	38 42.3	343.0	340.0	22.0	30.0	5.0	0.0	0.0
	NA80159				77 26.8						1.63	5.3

COUNTY NAME: RICHMOND			FERC POWER SUPPLY AREA 18				FERC REGIONAL OFFICE CODE AT					

PARK 5/1	VAU0119	JAMES RIVER	O	RETIRED	37 32.0	6840.0	7463.0	46.0	0.0	0.0	0.0	0.0
	NA00107				77 27.3						80.75	197.7
BYRD PARK 5/1	VA76001	KANAWHA CANAL	H	CITY OF RICHMOND	37 32.4	6840.0	7554.0	20.0	14.0	0.0	0.0	0.0
	NA00108				77 29.5						35.11	86.0
HOLLYWOOD 5/1	VA76003	JAMES RIVER	H	CITY OF RICHMOND	37 32.0	6840.0	7554.0	18.0	16.0	0.0	0.0	0.0
	NA00109				77 27.5						31.60	77.4

COUNTY NAME: ROANOKE			FERC POWER SUPPLY AREA 10				FERC REGIONAL OFFICE CODE					

CARVINS COVE DAM	VA02301	CARVINS CREEK	S	CITY OF ROANOKE	37 28.0	18.0	18.0	62.0	75.0	20.0	0.0	0.0
	SAH0115				79 57.5						.27	.7
NIAGARA	VA16101	ROANOKE RIVER	HR	APP POWER	37 12.0	512.0	499.0	44.0	52.0	2.0	2.40	13.0
	SAH0116				79 52.5						0.0	0.0

COUNTY NAME: ROCKBRIDGE			FERC POWER SUPPLY AREA 18				FERC REGIONAL OFFICE CODE AT					

WHITE SAL	VAU0057	CALFPASTURE RIVER	H		38 0.0	138.0	151.0	34.0	62.0	17.0	0.0	0.0
	NA00113				79 29.3						1.36	2.9
ROCK BRIDGE BATH S	VAU0058	HAYS CREEK	H		37 54.2	82.0	91.0	54.0	84.0	15.0	0.0	0.0
	NA00114				79 23.7						1.43	2.9

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

(07/10/79)

PROJECT NAME	* IDENT NUMBER * (1)	* NAME OF STREAM OR RIVER *	* PRPJ * PURP (2)	* OWNER *	* LATITUDE * LONGITUDE (OH,M)	* DRAINAGE * AREA (SQ MI)	* AVERAGE * ANNUAL INFLOW (CFS)	* NET * POWER * HEAD (FT)	* HEIGHT * OF * DAM (FT)	* MAXIMUM * STORAGE * (1000 AC FT)	* CAPACITY * (MW) (3)	* ENERGY * (GWH) (3)
***** COUNTY NAME: ROCKBRIDGE FERC POWER SUPPLY AREA 18 FERC REGIONAL OFFICE CODE AT *****												
MURAT	*VAU0069* *NADO115*	*BUFFALO CREEK*	*MC*	*	*37 45.0* *79 32.8*	*80.0*	*80.*	*81.*	*117.*	*13.* *U	*0.* *1.64*	*0.* *3.8*
VARNEY FALLS	*VAU0073* *NADO116*	*JAMES RIVER*	*M*	*	*37 35.3* *79 34.5*	*2150.0*	*2553.*	*27.*	*18.*	*4.* *U	*0.* *19.46*	*0.* *43.7*
MAURY	*VAU0114* *NADO119*	*MAURY RIVER*	*MC*	*	*37 56.6* *79 27.5*	*322.0*	*356.*	*263.*	*298.*	*347.* *U	*0.* *30.15*	*0.* *58.0*
GOSHEN DAM	*VA16301* *NADO120*	*LITTLE CALF PASTURE RIVER*	*R*	*BOY SCOUTS OF AMERICA*	*37 58.5* *79 27.1*	*83.0*	*92.*	*26.*	*33.*	*5.* *E	*0.* *.77*	*0.* *1.5*
BALCONY FALLS 5/	*VA16302* *NADO121*	*JAMES RIVER*	*M*	*RETIRED*	*37 37.0* *79 26.5*	*2930.0*	*3192.*	*15.*	*18.*	*0.* *E	*0.* *8.02*	*0.* *28.2*
***** COUNTY NAME: ROCKINGHAM FERC POWER SUPPLY AREA 18 FERC REGIONAL OFFICE CODE NY *****												
BROCKS GAP	*VAU0003* *MAB0165*	*N FORK SHENANDOAH RD*	*RD*	*	*38 38.0* *78 55.0*	*214.0*	*185.*	*87.*	*118.*	*187.* *U	*0.* *3.46*	*0.* *7.9*
STUART	*VA15540* *SAH0117*	*SMITH RIVER*	*MCR*	*DAEN SAW*	*36 32.0* *79 46.0*	*534.0*	*603.*	*87.*	*118.*	*140.* *E	*0.* *7.09*	*0.* *32.7*
***** COUNTY NAME: RUSSELL FERC POWER SUPPLY AREA 10 FERC REGIONAL OFFICE CODE AT *****												
NASH FORD	*VAU0026* *ORN0180*	*CLINCH RIVER*	*	*	*36 57.7* *82 6.6*	*486.0*	*647.*	*177.*	*195.*	*133.* *U	*0.* *33.75*	*0.* *74.8*
LAKE BONAVENTURE	*VAU0137* *ORN0191*	*CHANEY CK*	*RS*	*	*36 56.8* *82 11.8*	*8.0*	*16.*	*22.*	*30.*	*1.* *E	*0.* *.07*	*0.* *.2*
LAUREL BED LAKE	*VAU0138* *ORN0182*	*LAUREL BED CK*	*R*	*VA GAME + INLAND FISHERY*	*36 57.3* *81 48.8*	*4.0*	*8.*	*30.*	*40.*	*6.* *E	*0.* *.05*	*0.* *.2*

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF VIRGINIA

(07/10/79)

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

COUNTY NAME: SCOTT												

FERC POWER SUPPLY AREA 10												

FERC REGIONAL OFFICE CODE AT												

ROBERTS CREEK	*VAU0022*	*NORTH FORK HOLST*	*	*	* 36 38,9 *	* 547.0 *	* 710. *	* 69. *	* 75. *	* 52. *U	* 0. *U	* 0. *
	ORN0183	*ON RIVER	*	*	* 82 26,0 *	*	*	*	*	* *T	* 5.05 *T	* 23.3 *
OPOSSUM CREEK	*VAU0024*	*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	*VAU0027*	*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 18												

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 18												

FERC REGIONAL OFFICE CODE AT												

SALEM CHURCH	*VAU0094*	*RAPPAHANNOCK RIV*	*HSRC	*	* 38 18,8 *	* 1598.0 *	* 1643. *	* 174. *	* 193. *	* 1048. *E	* 89.00 *E	* .1 *
	NA00126	*ER	*	*	* 77 31,6 *	*	*	*	*	* *N	* 0. *N	* 0. *
LUNGA DAM	*VA17901*	*BEAVER DAM RUN	*SP	*DOD USMC	* 38 31,3 *	* 10.0 *	* 10. *	* 40. *	* 54. *	* 19. *E	* 0. *E	* 0. *
	NAB0160	*	*	*	* 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. *	* 9. *E	* 0. *E	* 0. *
	NAB0161	*	*	* 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. *
	NAD0128	*ER	*	* ERICKSBURG	* 77 29,4 *	*	*	*	*	* *N	* 5.21 *N	* 17.5 *

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PRELIMINARY ESTIMATES
 POTENTIAL HYDROPOWER SITES
 IN THE STATE OF VIRGINIA

(07/10/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ PURP	OWNER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CF9)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH)

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.	0.	0.
	DRNO195				82 7.2					N	.09	.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 URH	37 7.5	17.0	29.	83.	112.	11.	0.	0.
UND LAKE	DRNO196	UND LAKE			82 37.9					N	.51	1.4

NORTH FORK OF PO	VAU0153	NORTH FORK OF PO	CROS	DAEN ORH	37 6.0	17.0	29.	59.	94.	11.	0.	0.
UND	DRHO071	UND			82 37.6					N	.41	.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.	0.	0.
	DRHO072				81 7.0					T	2.24	5.9

UDP	VAU0147	REED CREEK	CH		36 56.0	250.0	277.	85.	110.	0.	0.	0.
	DRHO073				80 51.0					T	4.53	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.	0.	0.
	NA00129			IAMSBURG	76 42.2					N	.06	.1

L E G E N D

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

APPENDIX II

U.S. ARMY CORPS OF ENGINEERS

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

DESCRIPTION OF TERMS

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

DESCRIPTION OF TERMS

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

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

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

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

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

DEMAND: The rate at which electric energy is required.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX III

U.S. ARMY CORPS OF ENGINEERS

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

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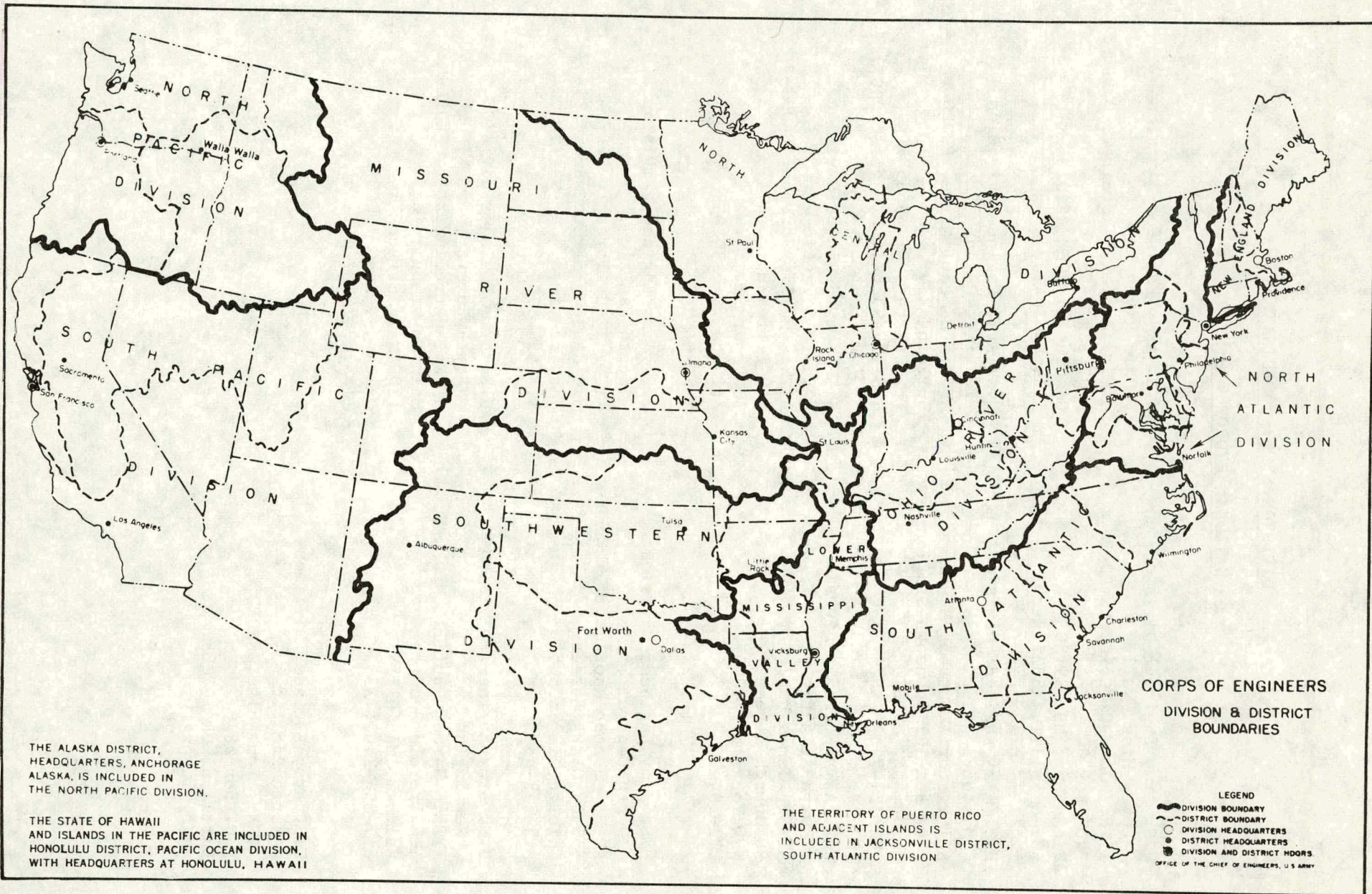
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