MASTER

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

Volume 3

Mid-Continent Region

IWR

HEC

JULY 1979

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MASTER

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

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES
VOLUME 3: MID-CONTINENT 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.

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

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PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

INTRODUCTION

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

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

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

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

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

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

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

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

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

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

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

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

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

METHODS OF STUDY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

RESOURCE ASSESSMENT

National Potential

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

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

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

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

TABLE 1. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES

REGIONAL SUMMARIES

REGION	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Vol. 1																
Pacific N. West																
No. of Sites	93	282	745	1,120	13	36	208	257	73	83	896	1,052	175	401	1,849	2,429
Cap. (MW)	430	642	3,702	4,774	234	700	4,069	5,003	26,141	31,919	259,709	317,769	26,804	33,262	267,480	327,546
Ener (GWH)	2,441	2,234	16,390	21,065	1,216	1,943	14,738	17,897	130,365	33,999	673,918	838,282	134,022	38,175	705,045	877,242
Vol. 2																
Pacific S. West																
No. of Sites	111	354	272	737	9	17	26	52	69	43	110	222	189	414	408	1,011
Cap. (MW)	410	574	632	1,616	171	345	509	1,025	9,347	5,109	16,043	30,499	9,928	6,028	17,184	33,140
Ener (GWH)	2,176	1,569	1,640	5,385	837	550	1,059	2,446	37,311	8,729	31,877	77,917	40,325	10,849	34,577	85,751
Vol. 3																
Mid-Continent																
No. of Sites	54	779	666	1,499	11	15	63	89	44	59	234	337	109	853	963	1,925
Cap. (MW)	184	850	1,182	2,216	213	317	1,311	1,845	6,087	6,539	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	12,431	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 at existing sites, especially the Northeast, Lake Central and Mid-Continent regions. Significantly, many of the small dams with incremental potential in these regions are located near smaller population and industrial centers where existing transmission interties are well developed. The undeveloped hydroelectric potential at small-scale sites is widely distributed, but appears greatest in the Pacific Northwest, Lake Central, and the Northeast regions of the country.

Mid-Continent

The estimates of existing, incremental and undeveloped hydropower potential for all states in the various regions of the country are presented in Table 2. In the Mid-Continent region, the maximum physical potential for all sites exceeds 44,000 MW with an estimated average annual energy greater than 110,000 GWH. By comparison, these values represent about 9 percent of the total potential capacity and 8 percent of the hydroelectric energy estimated for the entire United States.

Of the total capacity estimated for the region, 6,500 MW has been installed. The remainder (37,600 MW) is the maximum which could be developed by upgrading and expanding existing projects (7,800 MW), and by installing new hydroelectric power capacity at all potentially feasible, undeveloped sites (29,900 MW). Small-scale facilities account for less than 3 percent of the region's total installed capacity, but another 850 MW could be added to these and other small water resource projects. In addition, 1,200 MW could be installed at potentially feasible, undeveloped small-scale sites. The small-scale resource varies considerably, with the states of Colorado, Texas and Montana having the largest potential for incremental development in the Mid-Continent 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

VCL 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	4,135	190	348	4,014	4,552
Ener (GWH)	254	364	220	838	0	143	154	297	675	47	8,884	9,605	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	56	49	0	145	0	469	1,101	1,570	96	662	1,221	1,979
N. Dakota																
No. of Sites	0	44	2	46	0	0	0	0	1	1	0	2	1	45	2	48
Cap. (MW)	0	21	10	31	0	0	0	0	430	303	0	733	430	324	10	764
Ener (GWH)	0	45	18	63	0	0	0	0	2,400	568	0	2,968	2,400	612	18	3,030

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

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

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

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Illinois																
No. of Sites	16	39	230	285	0	8	0	8	1	7	2	10	17	54	232	303
Cap. (MW)	100	52	169	321	0	145	0	145	32	533	89	654	132	730	259	1121
Ener (GWH)	569	109	411	1,089	0	347	0	347	15	1,750	178	1943	584	2,206	589	3,379
Indiana																
No. of Sites	4	30	45	79	0	2	0	2	0	0	3	3	4	32	48	84
Cap. (MW)	28	58	61	147	0	37	0	37	0	0	383	383	28	96	444	568
Ener (GWH)	98	189	162	449	0	90	0	90	0	0	816	816	98	279	978	1,355
Iowa																
No. of Sites	3	25	37	65	0	1	0	1	1	12	3	16	4	38	40	82
Cap. (MW)	7	28	67	102	0	21	0	21	128	1,068	190	1,386	135	1,117	257	1,509
Ener (GWH)	36	81	200	317	0	39	0	39	905	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	3,585	13,780	636	9,271	4,036	13,943
Ener (GWH)	0	183	121	304	0	88	0	88	2,259	24,547	11,697	38,503	2,259	24,818	11,819	38,896
Michigan																
No. of Sites	86	136	0	222	3	6	0	9	3	4	0	7	92	146	0	238
Cap. (MW)	283	303	0	586	52	121	0	173	151	709	0	860	486	1,133	0	1,619
Ener (GWH)	1,145	1,238	0	2,383	312	399	0	711	438	2,735	0	3,173	1,895	4,371	0	6,266
Minnesota																
No. of Sites	18	97	45	160	0	5	6	11	1	12	17	30	19	114	68	201
Cap. (MW)	91	63	146	300	0	100	125	225	67	825	75	1,647	158	989	1,027	2,174
Ener (GWH)	536	191	492	1,219	0	288	314	602	318	1,868	1,502	3,788	854	2,346	2,408	5,608

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

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

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

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Alabama																
No. of Sites	1	52	8	61	0	2	5	7	15	19	8	42	16	73	21	110
Cap. (MW)	2	70	49	121	0	41	108	149	2,269	4,010	424	6,703	2,271	4,121	581	6,973
Ener (GWH)	6	190	137	333	0	91	244	335	9,710	7,141	995	17,846	9,716	7,422	1,376	18,514
Arkansas																
No. of Sites	1	89	50	140	0	3	11	14	10	13	17	40	11	105	78	194
Cap. (MW)	11	51	143	205	0	67	218	285	1,069	2,758	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	54	NA	212	354	369	NA	723
Ener (GWH)	881	992	NA	1,873	388	67	NA	455	507	226	NA	733	1,776	1,285	NA	3,061
Maryland																
No. of Sites	2	15	7	24	0	1	0	1	1	4	2	7	3	20	9	32
Cap. (MW)	2	18	20	40	0	19	0	19	474	436	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	225	751	3,103	11,491	2,754	17,348	3,741	12,458	3,127	19,326
Ener (GWH)	2,155	2,250	539	4,944	799	976	563	2,338	20,581	70,227	17,211	108,019	23,535	73,453	18,313	115,301
Pennsylvania																
No. of Sites	0	138	58	196	0	6	4	10	4	19	26	49	4	163	88	255
Cap. (MW)	0	158	189	347	0	107	79	186	403	1,466	2,977	4,846	403	1,731	3,245	5,379
Ener (GWH)	0	452	567	1,019	0	252	170	422	1,681	3,618	6,969	12,268	1,681	4,322	7,706	13,709
Rhode Island*																
No. of Sites	2	105	NA	107	0	0	NA	0	0	0	NA	0	2	105	NA	107
Cap. (MW)	2	40	NA	42	0	0	NA	0	0	0	NA	0	2	40	NA	42
Ener (GWH)	6	139	NA	145	0	0	NA	0	0	0	NA	0	6	139	NA	145
Vermont*																
No. of Sites	44	155	NA	199	1	0	NA	1	2	0	NA	2	47	155	NA	202
Cap. (MW)	106	134	NA	240	16	0	NA	16	74	0	NA	74	197	134	NA	331
Ener (GWH)	436	472	NA	908	70	0	NA	70	317	0	NA	317	822	472	NA	1,294
W. Virginia																
No. of Sites	4	15	33	52	0	1	5	6	1	20	14	35	5	36	52	93
Cap. (MW)	46	18	132	196	0	23	95	118	102	2,929	958	3,989	148	2,969	1,184	4,301
Ener (GWH)	282	49	361	692	0	59	205	264	543	7,177	2,059	9,779	825	7,285	2,624	10,734
Region Total																
No. of Sites	270	2,231	143	2,644	19	26	20	65	27	85	58	170	316	2,342	221	2,879
Cap. (MW)	914	1,771	491	3,176	354	524	400	1,278	4,784	16,446	7,568	28,798	6,053	18,737	8,457	33,250
Ener (GWH)	4,620	6,009	1,531	12,160	1,613	1,533	938	4,084	26,276	81,898	28,610	136,784	32,508	89,440	31,078	153,025

¹Existing hydroelectric power facilities currently generating power.

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

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

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

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APPENDIX I

U.S. ARMY CORPS OF ENGINEERS

SUMMARY SHEET AND SITE SPECIFIC

LISTING OF HYDROELECTRIC POWER RESOURCES

BY STATE AND COUNTY

Colorado, Kansas, Montana, Nebraska, New Mexico
North Dakota, Oklahoma, South Dakota, Texas and Wyoming

STATE OF COLORADO

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

POTENTIAL INCREMENTAL CAPACITY RANGES																				
H		C	M																	
E		U	T	W																
A		M	O																	
D		U	T	A																
I		L	A	N																
N		A	L	D	.05 MW = 15 MW	15 MW = 25 MW	GREATER THAN 25 MW	TOTAL												
F		T	S																	
E		I	G																	
E		V	I	W	EXIST	EXIST	UNDEV	TOTAL	EXIST	EXIST	UNDEV	TOTAL	EXIST	EXIST	UNDEV	TOTAL	EXIST	EXIST	UNDEV	TOTAL
T		E	N	H	INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR
					1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP
*****																				
		NUMBER	1	7	1	8	0	0	0	0	0	0	0	0	0	0	1	7	1	8
0-19		CAPCTY	8.0	1.1	3.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	1.1	3.0	4.1
		ENERGY	40.4	2.5	8.2	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.4	2.5	8.2	10.8
*****																				
		NUMBER	1	61	1	62	0	1	1	2	1	0	0	0	0	0	2	62	2	64
20-49		CAPCTY	1.3	27.5	0.4	28.0	0.0	18.2	19.4	37.7	45.0	0.0	0.0	0.0	0.0	0.0	46.4	45.8	19.9	65.7
		ENERGY	9.0	66.9	1.0	68.0	0.0	44.1	52.7	96.9	108	0.0	0.0	0.0	0.0	0.0	117	111	53.8	165
*****																				
		NUMBER	1	63	1	78	0	0	1	1	0	0	2	2	1	63	18	81		
50-99		CAPCTY	3.0	63.5	7.3	70.9	0.0	0.0	24.6	24.6	0.0	0.0	128	128	3.0	63.5	160	223		
		ENERGY	21.0	161	15.5	177	0.0	0.0	62.1	62.1	0.0	0.0	303	303	21.0	161	381	542		
*****																				
		NUMBER	7	36	36	72	1	1	17	18	4	4	77	81	12	41	130	171		
>100		CAPCTY	36.9	136	166	302	21.6	21.1	374	395	285	1325	6349	7674	343	1482	6890	8372		
		ENERGY	205	429	398	828	69.8	34.8	774	809	1156	2644	13212	15856	1431	3108	14384	17492		
*****																				
		NUMBER	10	167	53	220	1	2	19	21	5	4	79	83	16	175	151	324		
TOTAL		CAPCTY	49.4	229	177	406	21.6	39.3	419	458	330	1325	6477	7802	401	1593	7072	8665		
		ENERGY	275	660	423	1083	69.8	79.0	889	968	1264	2644	13515	16159	1609	3383	14827	18210		
*****																				

LEGEND

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

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

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ADAMS FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE CH
*****
MUDDY CREEK DAM, *CQU0024* MUDDY CREEK, * * * 39 48.0 * 133.0 * 7. * 61. * 83. * 72. * U 0. * U 0.
*MR00004* * * * 104 2.2 * * * * * * T .10 * T .2
* * * * *
BOOT LAKE *C001731* BOX ELDER CREEK * I * HENRYLYM IRR * 39 58.6 * 259.0 * 38. * 40. * 45. * 5. * E 0. * E 0.
*MR00001* OFFSTREAM * * * INIGATION DIST * 104 35.8 * * * * * * N .36 * N .7
* * * * *
JAMES L CARPENTE *C001843* TR-SOUTH PLATTE * S * CITY OF THOR * 39 53.8 * 31.0 * 47. * 60. * 65. * 5. * E 0. * E 0.
R RESERVOIR *MR00002* RIVER * * * ANTON * 104 56.4 * * * * * * N .75 * N 1.7
* * * * *
BARR LAKE *C001888* SOUTH PLATTE RIV * I * FARMERS RES * 39 57.2 * 75.0 * 50. * 40. * 47. * 46. * E 0. * E 0.
*MR00003* ER OFFSTREAM * * * AND IRR CO * 104 44.8 * * * * * * N .54 * N 1.2
*****
COUNTY NAME: ARAPAHOE FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE CH
*****
EAST BIJOU CREEK *CQU0021* EAST BIJOU CREEK * * * 39 42.0 * 396.0 * 66. * 68. * 92. * 220. * U 0. * U 0.
DAM, *MR00010* * * * 104 5.5 * * * * * * T 1.21 * T 2.2
* * * * *
MIDDLE BIJOU CRE *CQU0022* MIDDLE BIJOU CRE * * * 39 30.0 * 156.0 * 8. * 69. * 93. * 76. * U 0. * U 0.
EK DAM, *MR00011* EK, * * * 104 5.5 * * * * * * T .13 * T .3
* * * * *
MIDDLE BIJOU CRE *CQU0023* BIJOU CREEK, * * * 39 24.0 * 151.0 * 8. * 78. * 106. * 75. * U 0. * U 0.
EK DAM, *MR00012* * * * 104 7.2 * * * * * * T .15 * T .3
* * * * *
WEST BIJOU CREEK *CQU0025* WEST BIJOU CREEK * * * 39 36.0 * 271.0 * 40. * 78. * 105. * 112. * U 0. * U 0.
*MR00013* * * * 104 14.3 * * * * * * T .70 * T 1.5
* * * * *
WEST BIJOU CREEK *CQU0026* WEST BIJOU CREEK * * * 39 30.0 * 263.0 * 39. * 80. * 108. * 115. * U 0. * U 0.
*MR00014* * * * 104 16.1 * * * * * * T .70 * T 1.5
* * * * *
TOLLGATE, *CQU0027* TOLLGATE CREEK, * * * 39 36.0 * 32.0 * 49. * 65. * 88. * 34. * U 0. * U 0.
*MR00015* * * * 104 48.4 * * * * * * T .83 * T 1.9
* * * * *
SAND AND TOLLGAT *CQU0028* SAND CREEK, * * * 39 30.0 * 83.0 * 27. * 76. * 103. * 63. * U 0. * U 0.
E, *MR00016* * * * 104 40.3 * * * * * * T .54 * T 1.3
*****
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=INRIGATION, 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 W=NET 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   C O L O R A D O

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * * (1) *	NAME OF STREAM CR RIVER	* PROJ * PURP	OWNER	*LATITUDE * *LONGITUDE* * (DM,M) *	DRAINAGE AREA * (SQ MI) *	AVERAGE ANNUAL * INFLOW * (CFS) *	NET POWER * HEAD * (FT) *	HEIGHT OF * DAM * (FT) *	MAXIMUM STORAGE * (1000 * AC FT) *	CAPACITY (MW) * (3) *	ENERGY (GWH) * (3) *
*****												
COUNTY NAME: ARAPAHOE					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE CH				
*****												
QUINCY	*C000104*	TR=CHERRY CREEK	*S	*CITY OF AURORA	* 39 37.2 *	35.0*	53.*	63.*	68.*	4.*E	0.*E	0.
	MR00005			*RA	*104 47.5 *					*N	0.87*N	2.0
ENGLEWOOD DAM	*C000300*	TR=LITTLE DRY CR	*C	*CITY OF ENGL	* 39 35.2 *	9.0*	7.*	50.*	55.*	6.*E	0.*E	0.
	MR00006	EEK		*EWOOD	*104 55.5 *					*N	0.12*N	0.2
MCLELLEN	*C001153*	SOUTH PLATTE RIV	*S	*CITY OF ENGL	* 39 34.5 *	9.0*	7.*	106.*	111.*	9.*E	0.*E	0.
	MR00007	ER=OFFSTREAM		*EWOOD	*105 1.8 *					*N	0.27*N	0.4
CHERRY CREEK LAK	*C001260*	CHERRY CREEK	*CH	*DAEN MRO	* 39 38.9 *	385.0*	226.*	95.*	103.*	94.*E	0.*E	0.
E	*MR00008*				*104 51.5 *					*N	4.31*N	12.6
KENWOOD FLOOD	*C001812*	TR=CHERRY CREEK	*C	*CITY AND COU	* 39 38.6 *	385.0*	226.*	44.*	49.*	14.*E	0.*E	0.
	MR00009			*NTY OF	*104 51.0 *					*N	2.10*N	5.8
*****												
COUNTY NAME: ARCHULETA					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE SF				
*****												
TURKEY CREEK	*C000173*	SAN JUAN RIVER	*H		* 37 18.0 *	175.0*	142.*	300.*	0.*	0.*U	0.*U	0.
	SPK0531				*106 58.0 *					*T	14.49*T	28.9
RIO BLANCO RIVER	*C000174*	SAN JUAN RIVER	*H		* 37 1.0 *	564.0*	665.*	286.*	0.*	0.*U	0.*U	0.
TO NAVAJO RIVER	*SPK0532*				*107 11.0 *					*T	60.90*T	117.9
NAVAJO RIVER TO	*C000175*	SAN JUAN RIVER	*H		* 37 1.0 *	1068.0*	875.*	218.*	0.*	0.*U	0.*U	0.
NAVAJO RESERVOIR	*SPK0533*				*107 18.0 *					*T	54.61*T	123.7
CHROMO	*C000200*	NAVAJO R			* 37 .4 *	165.0*	134.*	644.*	858.*	0.*U	0.*U	0.
	SPK0536				*106 40.3 *					*T	24.69*T	55.3
*****												
COUNTY NAME: BACA					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE				
*****												
TWO BUTTES	*C000759*	TWO BUTTE CREEK	*H I	*COLO DIV OF	* 37 38.2 *	466.0*	50.*	78.*	106.*	59.*E	0.*E	0.
	SWA0001			*WILDLIFE	*102 32.3 *					*N	1.03*N	2.7
*****												
L E G E N D												

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

*****

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   C O L O R A D O

(07/09/79)

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*****
*   IDENT   * NAME OF STREAM * PROJ *   AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER *   OR RIVER   * PURP *   OWNER   * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
*   (1)   *                   * (2) *                   * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: BENT                                FERC POWER SUPPLY AREA 32    FERC REGIONAL OFFICE CODE
*****
MUDDY CREEK   *CO00754* MUDDY CREEK   *R   *COLD DIV OF * 37 44.8 * 144.0 * 15. * 40. * 53. * 45. *E 0. *E 0.
               *SWA0002*                *   *WILDLIFE  *103 14.8 *      *      *      *      *N .16 *N .4
JOHN MARTIN RESE *CO01283* ARKANSAS RIVER *CIR *DAEN SWA * 38 4.1 * 18915.0 * 254. * 78. * 105. * 621. *E 0. *E 0.
RVOIR           *SWA0003*                *   *      *102 56.2 *      *      *      *      *N 2.66 *N 6.9
*****
COUNTY NAME: BOULDER                            FERC POWER SUPPLY AREA 32    FERC REGIONAL OFFICE CODE CH
*****
SHERWOOD =2   *COU0012* BOULDER CREEK. *   *      * 39 54.0 * 300.0 * 176. * 194. * 263. * 358. *U 0. *U 0.
               *MRU0034*                *   *      *105 27.8 *      *      *      *      *T 6.66 *T 19.4
SHERWOOD =1   *COU0013* BOULDER CREEK. *   *      * 39 54.0 * 34.0 * 52. * 169. * 229. * 21. *U 0. *U 0.
               *MRU0035*                *   *      *105 27.8 *      *      *      *      *T 1.98 *T 5.0
GEER CANYON =2 *COU0016* LEFTHAND CREEK. *   *      * 40 6.0 * 60.0 * 53. * 234. * 316. * 54. *U 0. *U 0.
               *MRU0036*                *   *      *105 18.2 *      *      *      *      *T 2.68 *T 7.5
GEER CANYON =39 *COU0017* LEFTHAND CREEK. *   *      * 40 6.0 * 370.0 * 224. * 242. * 328. * 62. *U 0. *U 0.
               *MRU0037*                *   *      *105 18.2 *      *      *      *      *T 19.19 *T 36.6
GEER CANYON =49 *COU0018* LEFTHAND CREEK. *   *      * 40 6.0 * 60.0 * 53. * 270. * 365. * 104. *U 0. *U 0.
               *MRU0038*                *   *      *105 18.2 *      *      *      *      *T 3.03 *T 8.6
SMITY MOUNTAIN *COU0058* SAINT VRAIN CREE *   *      * 40 13.2 * 109.0 * 96. * 190. * 250. * 52. *U 0. *U 0.
               *MRU0017*K                *   *      *105 21.3 *      *      *      *      *T 3.74 *T 10.8
BUCK GULCH RES *COU0061* NORTH ST VRAIN C *   *      * 40 12.0 * 212.0 * 128. * 785. * 335. * 105. *U 0. *U 0.
               *MRU0018* REEK            *   *      *105 30.0 *      *      *      *      *T 31.56 *T 65.2
NEDERLAND-I   *COU0062* SOUTH BOULDER CR *   *      * 39 57.3 * 30.0 * 46. * 465. * 250. * 60. *U 0. *U 0.
               *MRU0019* REEK            *   *      *105 31.2 *      *      *      *      *T 3.87 *T 11.1
COOK MOUNTAIN  *COU0206* NORTH ST VRAIN *   *      * 40 13.0 * 83.0 * 67. * 81. * 0. * 0. *U 0. *U 0.
               *MRU0020*                *   *      *105 26.0 *      *      *      *      *T 1.91 *T 4.0
*****

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L E G E N D

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(3) - L=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   C O L O R A D O

(07/09/79)

PROJECT NAME	* IDENT NUMBER (1)	* NAME OF STREAM OR RIVER	* PROJ PURP (2)	* OWNER	* LATITUDE LONGITUDE (DM,M)	* DRAINAGE AREA (SQ MI)	* AVERAGE ANNUAL INFLOW (CFS)	* NET POWER HEAD (FT)	* HEIGHT OF DAM (FT)	* MAXIMUM STORAGE (1000 AC FT)	* CAPACITY (MW) (3)	* ENERGY (GWH) (3)
*****												
COUNTY NAME: BOULDER												
*****												
BUTTON ROCK	*C000171*	*NORTH ST VRAIN	*S	*CITY OF LONG*	*40 13.1*	*99.0*	*87.*	*205.*	*210.*	*21.*	*E 0.*	*E 0.*
	MR00021			*MONT	*105 22.4*						*N 3.69*	*N 10.6
LEFT HAND VALLEY	*C000177*	*LEFT HAND CREEK	*I	*LEFT HAND DI*	*40 5.5*	*3.0*	*4.*	*46.*	*51.*	*6.*	*E 0.*	*E 0.*
	MR00022	*OFFSTREAM		*TCH CU	*105 6.3*						*N .09*	*N .1
BARKER MEADOW	*C000213*	*TR=BOULDER CREEK	*D	*PUBLIC SERVI*	*39 57.9*	*39.0*	*60.*	*172.*	*177.*	*13.*	*E 0.*	*E 0.*
	MR00023			*CE CO	*105 27.8*						*N 2.26*	*N 5.8
BOULDER RESERVOIR	*C000215*	*TR=DRY CREEK	*S I	*CITY OF BOUL*	*40 4.1*	*13.0*	*20.*	*39.*	*44.*	*62.*	*E 0.*	*E 0.*
	MR00024	*NIN		*DER	*105 13.4*						*N .22*	*N .5
JASPER	*C000230*	*TR=NORTH BOULDER*	*H	*PUBLIC SERVI*	*39 58.6*	*36.0*	*55.*	*16.*	*21.*	*0.*	*E 0.*	*E 0.*
	MR00025	*CREEK		*CE CO OF CO	*105 38.3*						*N .19*	*N .5
LEGGETT AND HILL	*C000232*	*SOUTH BOULDER CR*	*H	*PUBLIC SERVI*	*40 1.4*	*32.0*	*49.*	*62.*	*67.*	*16.*	*E 0.*	*E 0.*
CREST	*MR00026*	*EEK OFFSTREAM		*CE CO OF CO	*105 11.6*						*N .79*	*N 1.8
MARSHALL LAKE	*C000241*	*GOAL CREEK OFFST*	*I	*FARMER RES A*	*39 57.2*	*50.0*	*76.*	*75.*	*80.*	*12.*	*E 0.*	*E 0.*
	MR00027	*HEAM		*ND IRR CO JO*	*105 13.0*						*N 1.38*	*N 3.3
PANAMA NO 1	*C000244*	*BOULDER CREEK OF*	*I	*BOULDER + WH*	*40 5.5*	*58.0*	*51.*	*15.*	*20.*	*8.*	*E 0.*	*E 0.*
	MR00028	*FSTREAM		*ITE RUCK CO	*105 4.5*						*N .18*	*N .5
RESERVOIR NO 22	*C000247*	*BOULDER CREEK	*S	*CITY AND COU*	*39 56.6*	*102.0*	*68.*	*335.*	*340.*	*46.*	*E 0.*	*E 0.*
	MR00029			*NTY DENVER D*	*105 19.1*						*N 3.99*	*N 11.5
SILVER LAKE	*C000249*	*BOULDER CREEK	*S	*CITY OF BOUL*	*40 1.4*	*102.0*	*90.*	*66.*	*71.*	*5.*	*E 0.*	*E 0.*
	MR00030			*DER	*105 34.9*						*N 1.40*	*N 3.7
BALMONT A	*C000256*	*BOULDER CREEK OF*	*D	*PUBLIC SERVI*	*40 2.3*	*102.0*	*68.*	*62.*	*67.*	*12.*	*E 0.*	*E 0.*
	MR00031	*FSTREAM		*CE OF COLO	*105 11.5*						*N 1.03*	*N 2.4
GROSS DAM ONE	*C001275*	*SOUTH BOULDER CR*	*S	*DENVER JO OF*	*39 56.9*	*87.0*	*58.*	*330.*	*335.*	*45.*	*E 0.*	*E 0.*
	MR00032	*EEK		*WATER COMM	*105 21.4*						*N 3.61*	*N 9.9
*****												

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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   C O L O R A D O

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * ANNUAL * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER *   OR RIVER   * PURP *   OWNER   * *LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) *           * (2) *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) *   (3) * (3)
*****
COUNTY NAME: BOULDER                FERC POWER SUPPLY AREA 32    FERC REGIONAL OFFICE CODE CH
*****
BARKER RESERVOIR*CO01276*MIDDLE BOULDER C*H    *PUB SERVICE * 39 57.9 *    39.0*    60.*    163.*    168.*    12.*E    2.00*E    6.7
*MRU0033*REEK      *CO OF COLO *105 28.9 *    *    *    *    *    *    *N    0.*N    0.
*****
COUNTY NAME: CHAFFEE                FERC POWER SUPPLY AREA 32    FERC REGIONAL OFFICE CODE
*****
CLEAR CREEK RESE*CO01143*CLEAR CREEK    *I    *CITY OF PUEB* 39 1.3 *    69.0*    68.*    64.*    80.*    14.*E    0.*E    0.
RVOIR      *SWA0004*      *    *LO    *106 14.7 *    *    *    *    *    *    *N    1.06*N    2.5
*****
TWIN LAKES RESER*CO02045*LAKE CREEK    *SI    *TWIN LAKES * 39 4.8 *    85.0*    170.*    51.*    60.*    53.*E    0.*E    0.
VOIR      *SWA0005*      *    *ES NO 1  *106 18.8 *    *    *    *    *    *    *N    2.11*N    4.9
*****
COUNTY NAME: CLEAR CREEK            FERC POWER SUPPLY AREA 32    FERC REGIONAL OFFICE CODE CH
*****
CABIN CREEK HYDR*CO01239*TR-FALL RIVER    *H    *PUBLIC SERVI* 40 26.2 *    137.0*    123.*    169.*    174.*    2.*E    0.*E    0.
OELECTRIC-UPPER *MR00039*      *    *CE CO OF *105 43.9 *    *    *    *    *    *    *N    3.94*N    10.2
*****
CABIN CREEK HYDR*CO01240*TR-COLORADO RIVE*H    *PUBLIC SERVI* 40 15.9 *    137.0*    123.*    93.*    98.*    2.*E    0.*E    0.
UELECTRIC-LOWER *MR00040*R      *    *CE CO OF *105 43.0 *    *    *    *    *    *    *N    2.43*N    5.8
*****
CABIN CREEK-LOWE*CO01272*SOUTH CLEAR CREE*H    *PUB SERVICE * 39 39.8 *    11.0*    11.*    82.*    87.*    2.*E    0.*E    0.
R DAM      *MR00041*K      *    *CO OF COLO *105 42.2 *    *    *    *    *    *    *N    .28*N    .5
*****
CABIN CREEK-UMPE*CO01273*CABIN CREEK    *H    *PUB SERVICE * 39 38.1 *    2.0*    1.*    201.*    206.*    2.*E    33.25*E    207.3
R DAM      *MR00042*      *    *CO OF COLO *105 43.1 *    *    *    *    *    *    *N    0.*N    0.
*****
COUNTY NAME: CONEJO                 FERC POWER SUPPLY AREA 32    FERC REGIONAL OFFICE CODE FW
*****
MOGOTE      *CNU0198*OFFSTREAM OF CON*    *    *    * 37 5.8 *    12.0*    8.*    68.*    80.*    30.*U    0.*U    0.
*SWA0006*EJOS RIVER      *    *    *106 15.4 *    *    *    *    *    *    *T    .15*T    .3
*****
TRUJILLO MEADOWS*CO00788*RIO DE LOS PINOS*R    *COLO DIV OF * 37 2.9 *    14.0*    32.*    27.*    36.*    4.*E    0.*E    0.
RESERVOIR      *SWA0007*      *    *WILDLIFE  *106 26.9 *    *    *    *    *    *    *H    .31*N    .5
*****

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

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF COLORADO

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PUMP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CONEJOS FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE
*****
TERRACE RESERVOIR *C000415*ALAMOSA RIVER *R *TERRACE IRR * 37 21.5 * 109.0 * 113. * 135. * 182. * 20. *E 0. *E 0.
*SWA0008* *CO *106 17.1 * * * * * *N 3.21 *N 8.4
PLATERO RESERVOIR *C001671*CONEJOS RIVER *IC *DOI USBR * 37 21.0 * 40.0 * 89. * 103. * 131. * 68. *E 0. *E 0.
*SWA0009* * * *106 32.7 * * * * * *N .63 *N 1.4
*****
COUNTY NAME: COSTILLA FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE
*****
MESITO RESERVOIR *C000744*TR-RIO GRANDE *I *COSTILLA EST * 37 8.3 * 9.0 * 6. * 38. * 50. * 4. *E 0. *E 0.
*SWA0010* *ATES *105 40.4 * * * * * *N .06 *N .1
SANCHEZ RESERVOIR *C000790*VENTERO CREEK *I *HENRY GUILLE * 32 6.8 * 84.0 * 19. * 94. * 120. * 130. *E 0. *E 0.
*SWA0011* *R *105 24.6 * * * * * *N .53 *N 1.2
SMITH RESERVOIR *C000792*TRINCHERA CREEK *I *TRINCHERA IR * 37 23.2 * 396.0 * 10. * 35. * 48. * 14. *E 0. *E 0.
*SWA0012* *R CO *105 32.4 * * * * * *N .11 *N .2
MOUNTAIN HOME RESERVOIR *C000818*TRINCHERA CREEK *I *TRINCHERA IR * 37 23.8 * 66.0 * 2. * 94. * 125. * 26. *E 0. *E 0.
*SWA0013* *R COMPANY *105 23.3 * * * * * *N .05 *N .1
EASTDALE RESERVOIR NO 1 *C001900*TR-COSTILLA CREEK *I *DONALD ANDER * 37 3.1 * 61.0 * 13. * 23. * 31. * 6. *E 0. *E 0.
*SWA0014*K *SDN *105 37.1 * * * * * *N .07 *N .2
EASTDALE NO 2 *C001901*TR-COSTILLA CREEK *I *DONALD ANDER * 37 4.1 * 46.0 * 10. * 24. * 32. * 6. *E 0. *E 0.
*SWA0015*K *SDN *105 33.9 * * * * * *N .06 *N .1
*****
COUNTY NAME: CUSTER FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE
*****
LAKE ISABEL *C001533*ST CHARLES RIVER *R *USDA FS * 37 59.0 * 16.0 * 5. * 61. * 83. * 1. *E 0. *E 0.
*SWA0016* * *105 3.0 * * * * * *N .12 *N .2
DE WEESE RESERVOIR *C002068*GRAPE CREEK *I *DE WEESE DYE * 38 12.6 * 320.0 * 32. * 47. * 58. * 2. *E 0. *E 0.
*SWA0017* *DITCH AND *105 27.0 * * * * * *N .36 *N .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   C O L O R A D O

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME- * NUMBER * OR RIVER * PURP * OWNER * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * CAPACITY * ENERGY
* (1) * * (2) * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: DELTA FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
OVERLAND NO 1 *C000604*HUBBARD CREEK *I * * * 39 5.5 * 10.0 * 30. * 46. * 60. * 8. *E 0. *E 0.
*SPK0537* * * * * 107 39.1 * * * * * * *N .22*N .5
*****
CRAWFORD RESERVOIR *C001680*IRON CREEK *ICK *C001 USBR * 38 41.2 * 74.0 * 49. * 106. * 144. * 18. *E 0. *E 0.
*SPK0538* * * * * 107 36.5 * * * * * *N 1.26*N 3.0
*****
FRUITGROWERS RESERVOIR *C001683*ALFALFA RUN CREEK *IO *C001 USBR * 38 49.5 * 12.0 * 27. * 30. * 40. * 7. *E 0. *E 0.
*SPK0539*K * * * * 107 57.2 * * * * * *N .06*N .1
*****
COUNTY NAME: DOLORES FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
GROUNDHOG *C001084*DOLORES RIVER *OF *I * MONTEZUMA VA * 37 46.9 * 150.0 * 116. * 97. * 125. * 28. *E 0. *E 0.
*SPK0540*FSTREAM * * * * LLEY IRN CO * 108 17.4 * * * * * *N 2.42*N 5.7
*****
COUNTY NAME: DOUGLAS FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE CM
*****
STRONTIA SPRINGS *C000203*SOUTH PLATTE RIV * * * 39 26.0 * 2621.0 * 360. * 240. * 240. * 0. *U 0. *U 0.
*MR00043*ER * * * * 105 7.3 * * * * * *T 24.03*T 62.1
*****
CHEESMAN *C000357*S PLATTE RIVER *S * DENVER WATER * 39 12.4 * 1752.0 * 160. * 216. * 221. * 83. *E 0. *E 0.
*MR00044* * * * * 105 16.1 * * * * * *N 6.70*N 20.7
*****
CHATFIELD LAKE *C001281*SOUTH PLATTE RIV *CR * DAEN MRD * 39 33.5 * 3018.0 * 438. * 119. * 124. * 235. *E 0. *E 0.
*MR00045*ER * * * * 105 3.5 * * * * * *N 13.73*N 35.5
*****
COUNTY NAME: EAGLE FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
REUDI DAMSITE TO MILE 9 *C000125*FRYINGPAN RIVER *H * * 39 22.5 * 223.0 * 240. * 371. * 0. * 0. *U 0. *U 0.
*SPK0541* * * * * 106 54.0 * * * * * *T 35.39*T 55.9
*****
MILE 9 TO MILE 4.7 *C000126*FRYINGPAN RIVER *H * * 39 23.0 * 251.0 * 270. * 180. * 0. * 0. *U 0. *U 0.
*SPK0542* * * * * 106 58.0 * * * * * *T 11.44*T 24.9
*****
L E G E N D

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF COLORADO

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (DM) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: EAGLE FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE 8F
*****
BASALT *COU0127*RUARING FORK RIVER * 39 22.0 * 567.0 * 524. * 132. * 0. * 0. *U 0. *U 0.
*SPK0543*ER * 107 4.0 * * * * * * *T 23.04*T 47.2
DOTSERO TO FORER*COU0134*COLORADO RIVER * 39 35.5 * 4390.0 * 2624. * 34. * 0. * 0. *U 0. *U 0.
AY SHOSHONE PLAN*SPK0544* * 107 11.0 * * * * * * *T 19.49*T 52.8
BRUSH CREEK *COU0135*EAGLE RIVER *H * 39 39.5 * 625.0 * 486. * 220. * 0. * 0. *U 0. *U 0.
*SPK0545* * 106 49.0 * * * * * * *T 26.64*T 75.1
GYPSUM *COU0136*EAGLE RIVER *H * 39 39.0 * 842.0 * 778. * 243. * 0. * 0. *U 0. *U 0.
*SPK0546* * 106 57.0 * * * * * * *T 55.30*T 124.0
GORE CREEK TO LA*COU0137*EAGLE RIVER *H * 39 39.0 * 478.0 * 347. * 580. * 0. * 0. *U 0. *U 0.
KE CREEK *SPK0547* * 106 36.5 * * * * * * *T 56.74*T 122.6
LAKE CREEK TO RE*COU0138*EAGLE RIVER *H * 39 42.0 * 596.0 * 463. * 273. * 0. * 0. *U 0. *U 0.
D CANYON *SPK0548* * 106 43.5 * * * * * * *T 31.53*T 88.9
TURKEY CREEK TO *COU0139*EAGLE RIVER *H * 39 34.0 * 196.0 * 176. * 570. * 0. * 0. *U 0. *U 0.
TWO ELK CREEK *SPK0549* * 106 24.0 * * * * * * *T 28.61*T 65.0
MINTURN TO GORE *COU0140*EAGLE RIVER *H * 39 36.5 * 356.0 * 259. * 200. * 0. * 0. *U 0. *U 0.
CREEK *SPK0550* * 106 27.0 * * * * * * *T 13.01*T 30.3
PANDO *COU0141*EAGLE RIVER *H * 39 30.5 * 161.0 * 114. * 600. * 0. * 0. *U 0. *U 0.
*SPK0551* * 106 23.0 * * * * * * *T 25.51*T 43.9
*COU0142*HOMESTAKE CREEK * 39 30.5 * 64.0 * 45. * 150. * 0. * 0. *U 0. *U 0.
*SPK0552* * 106 23.0 * * * * * * *T 1.53*T 3.6
DERBY CREEK TO S*COU0143*COLORADO RIVER * 39 43.0 * 3307.0 * 1977. * 222. * 0. * 0. *U 0. *U 0.
WEETWATER CREEK *SPK0553* * 107 2.0 * * * * * * *T 147.43*T 297.4
SWEETWATER CREEK*COU0144*COLORADO RIVER *H * 39 38.5 * 4342.0 * 2596. * 97. * 0. * 0. *U 0. *U 0.
TO DOTSERO *SPK0554* * 107 4.0 * * * * * * *T 66.59*T 158.3
*****

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*****

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

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER *	* NAME OF STREAM * * CR RIVER *	* PROJ * * PJRP *	* OWNER *	* LATITUDE * * LONGITUDE *	* DRAINAGE * * AREA *	* AVERAGE * * ANNUAL * * INFLOW *	* NET * * POWER * * HEAD *	* HEIGHT * * OF * * DAM *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MW) *	* ENERGY * * (GWH) *
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)		(3)	(3)
*****												
COUNTY NAME: EAGLE												
*****												
FERC POWER SUPPLY AREA 32												
*****												
FERC REGIONAL OFFICE CODE SF												
*****												
STATE BRIDGE TO	*COU0145*	COLORADO RIVER	*H*		* 39 54.0 *	2864.0*	1712.*	105.*	0.*	0.*	0.*	0.*
NOCK CREEK	*SPK0555*				*106 44.0 *					*T	48.97*	114.1
*****												
NOCK CREEK TO DE	*COU0146*	COLORADO RIVER	*H*		* 39 52.0 *	3096.0*	1851.*	151.*	0.*	0.*	0.*	0.*
REBY CREEK	*SPK0556*				*106 54.5 *					*T	77.02*	178.1
*****												
HUEDI	*COU0184*	FRYINGPAN RIVER	*H*		* 39 22.0 *	223.0*	240.*	263.*	0.*	100.*	0.*	0.*
	SPK0557				*106 49.0 *					*T	25.09*	39.6
*****												
CLIMAX-MOLY NO 3	*COU0668*	EAST FK EAGLE RI	*R*	*AMAX	* 39 24.1 *	10.0*	12.*	162.*	200.*	9.*	0.*	0.*
	SPK0558	VER			*106 13.9 *					*N	.56*	1.2
*****												
HOMESTAKE CREEK	*COU0669*	HOMESTAKE CRK	*R*	*COLD DIV OF	* 39 24.8 *	36.0*	63.*	16.*	22.*	0.*	0.*	0.*
	SPK0559			*WILDLIFE	*106 25.2 *					*N	.18*	.3
*****												
ROBINSON	*COU0671*	TR-TEN MILE CREEK	*D*	*AMAX	* 39 25.5 *	5.0*	7.*	74.*	90.*	3.*	0.*	0.*
	SPK0560				*106 13.0 *					*N	.23*	.3
*****												
SPRING PARK	*COU0684*	TR-ROARING FORK	*I*	*SPRING PARK	* 39 26.2 *	31.0*	37.*	16.*	25.*	4.*	0.*	0.*
	SPK0561	RIVER		*RES CO	*107 5.4 *					*N	.20*	.4
*****												
COUNTY NAME: ELBERT												
*****												
FERC POWER SUPPLY AREA 32												
*****												
FERC REGIONAL OFFICE CODE CH												
*****												
AGATE DAM.	*COU0020*	EAST BIJOU CREEK	**		* 39 24.0 *	184.0*	10.*	76.*	103.*	81.*	0.*	0.*
	MRU0047				*103 58.2 *					*T	.17*	.4
*****												
AGATE RESERVOIR	*COU0002*	TR EAST BIJOU	*I*	*AGATE IRN DI	* 39 28.0 *	33.0*	12.*	23.*	28.*	10.*	0.*	0.*
	MRU0046			*ST	*103 57.5 *					*N	.06*	.2
*****												
COUNTY NAME: EL PASO												
*****												
FERC POWER SUPPLY AREA 32												
*****												
FERC REGIONAL OFFICE CODE												
*****												
MONUMENT LAKE	*COU0429*	MONUMENT CREEK	*S*	*TOWN OF MONU	* 39 5.4 *	29.0*	11.*	40.*	54.*	2.*	0.*	0.*
	SWA0018			*MENT	*104 52.8 *					*N	.12*	.3
*****												
*****												
*****												

L E G E N D

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 O=DEBRIS CONTROL, P=FARM POND, Q=OTHER
 (3) - E=INSTALLED CAPACITY AND ENERGY   N=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   C O L O R A D O

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * *LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * * (DM,P) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: EL PASO FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE
*****
RAMPART RESERVOIR *CO01464*WEST MONUMENT CR*S *CITY OF COLO* 38 58.5 * 5.0* 1. 149. 240. 41.E 0. E 0.
R *SWA0019*EEK * *RAO SPRINGS*104 57.6 * * * * *N .13*N .2
*****
COUNTY NAME: FREMONT FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE FW
*****
COAL CREEK DAM *COU0071*COAL CREEK *C * * 38 23.0 * 16.0* 22. 52. 70. 8.U 0. U 0.
*SWA0020* * * * * * * * *T .30*T .7
*****
OAK CREEK DAM *COU0073*OAK CREEK *C * * 38 23.7 * 90.0* 3. 84. 113. 21.U 0. U 0.
*SWA0021* * * * * * * * *T .06*T .1
*****
BRUSH HOLLOW *CO00458*BRUSH HOLLOW CRE*I *BEAVER PARK * 38 27.6 * 8.0* 10. 66. 85. 5.E 0. E 0.
*SWA0022*EK * *WATER CG *105 3.0 * * * * *N .17*N .4
*****
COUNTY NAME: GARFIELD FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
CANYON CR TO DEB*COU0107*COLORADO RIVER *H * * 39 30.0 * 6122.0* 3660. 388. 0. 0.U 0. U 0.
EQUE RESERVOIR S*SPK0562* * * * * * * * *T 476.99*T 962.3
*****
LOWER BEAR HOLLOW*COU0109*CANYON CREEK * * * 39 35.0 * 60.0* 55. 452. 0. 0.U 0. U 0.
W *SPK0563* * * * * * * * *T 5.95*T 10.6
*****
ELECTRA *COU0110*MEADOW CREEK *H * * 39 43.5 * 34.0* 31. 1700. 0. 31.U 0. U 0.
*SPK0564* * * * * * * * *T 26.12*T 32.0
*****
ROARING FORK TO *COU0111*COLORADO RIVER *H * * 39 34.0 * 6020.0* 3599. 115. 0. 0.U 0. U 0.
CANYON CREEK *SPK0565* * * * * * * * *T 107.49*T 258.7
*****
UPPER BEAR HOLLOW*COU0112*CANYON CREEK *H * * 39 37.0 * 25.0* 23. 2510. 0. 0.U 0. U 0.
W *SPK0566* * * * * * * * *T 28.35*T 34.7
*****
MED CANYON *COU0113*ROARING FORK *H * * 39 31.0 * 1370.0* 1266. 118. 0. 0.U 0. U 0.
*SPK0567* * * * * * * * *T 41.82*T 96.7
*****
*****
L E G E N D

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*****

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF COLORADO

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PLRP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * (OH.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: GARFIELD FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
CARDIFF *CDU0114*ROARING FORK RIV*M * 39 33.0 * 1440.0 * 1330. * 75. * 0. * 0. *U 0. *U 0.
*SPK0568*ER * 107 20.0 * * * * * *T 24.66*T 62.1
CRYSTAL RIVER *CDU0116*ROARING FORK RIV*M * 39 28.5 * 1280.0 * 1183. * 149. * 0. * 0. *U 0. *U 0.
*SPK0569*ER * 107 17.0 * * * * * *T 49.06*T 113.8
CARBONDALE *CDU0121*ROARING FORK *M * 39 25.0 * 870.0 * 804. * 202. * 0. * 0. *U 0. *U 0.
*SPK0570 * 107 14.0 * * * * * *T 45.72*T 105.3
MILE 4.7 TO MOUT*CDU0123*FRYINGPAN RIVER *M * 39 22.0 * 275.0 * 296. * 368. * 0. * 0. *U 0. *U 0.
H *SPK0571 * 107 2.0 * * * * * *T 34.04*T 62.3
EMMA *CDU0124*ROARING FORK RIV*M * 39 24.0 * 853.0 * 788. * 222. * 0. * 0. *U 0. *U 0.
*SPK0572*ER * 107 9.0 * * * * * *T 49.81*T 113.8
GLENWOOD SPRINGS*CDU0132*COLORADO RIVER *M * 39 33.0 * 4560.0 * 2726. * 205. * 0. * 0. *U 0. *U 0.
*SPK0573 * 107 20.0 * * * * * *T 161.99*T 361.8
GRASS VLY OR HARC*CDU0693*EAST RIFLE CREEK*I * 39 35.9 * 36.0 * 33. * 45. * 60. * 7. *E 0. *E 0.
VEY GAP RESERVOIR*SPK0574* OFFSTREAM *GATION CO * 107 39.4 * * * * * *N .58*N .8
STILLWATER NO 1 *CDU01030*TR-BEAR RIVER *I * 40 1.4 * 11.0 * 30. * 59. * 75. * 8. *E 0. *E 0.
*SPK0575 * 107 7.2 * * * * * *N .29*N .8
RIFLE GAP RESERVOIR*CDU01692*RIFLE CREEK *ICR * 39 37.8 * 140.0 * 25. * 84. * 114. * 18. *E 0. *E 0.
*SPK0576 * 107 45.7 * * * * * *N 1.38*N 2.0
SHOSHONE PH *CDU08005*COLORADO *M * 39 34.0 * 4520.0 * 0. * 170. * -0. * 0. *E 14.40*E 105.0
*SPK0577 * 107 13.6 * * * * * *N 60.05*N 65.8
*****
COUNTY NAME: GRAND FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
GORE CANYON *CDU0147*COLORADO RIVER *M * 39 59.0 * 2360.0 * 1365. * 363. * 0. * 0. *U 0. *U 0.
*SPK0578 * 106 30.6 * * * * * *T 152.04*T 320.3
*****

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LEGEND

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF COLORADO

(07/09/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PRUJ PURP	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA	AVERAGE ANNUAL INFLOW	NET POWER	HEIGHT OF DAM	MAXIMUM STORAGE	CAPACITY	ENERGY
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)
*****												
COUNTY NAME: GRAND					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE SF				
*****												
GORE CANYON SITE	C000148	COLORADO RIVER	H		39 51.5	2628.0	1571	235	0	0	0	0
TO STATE BRIDGE	SPK0579				106 39.0					124.02	250.2	
*****												
MCMAHON	C000703	RED DIRT CREEK	I	KHEMMLING RE	40 10.3	19.0	19	34	43	4	0	0
	SPK0580			S AND IRR CO	106 32.2					1.19	0.3	
*****												
EAST BRANCH DAM	C000708	TR-WILLIAMS FORK	D	AMERICAN MET	39 50.3	89.0	103	89	120	3	0	0
	SPK0581			AL CLIMAX	106 3.6					1.86	4.5	
*****												
MEADOW CRK DAM	C000713	TR-MEADOW CREEK	SD	CITY OF ENGL	40 2.8	6.0	4	68	85	7	0	0
	SPK0582			WOOD AND	105 44.8					0.11	0.2	
*****												
WILLIAMS FORK	C000717	TR-COLORADO RIVE	SH	CITY AND COU	40 2.1	230.0	127	158	196	109	3.00	12.0
	SPK0583	R		NTY OF DENVE	106 12.5					0	0	
*****												
LAKE GRANBY	C001656	COLORADO RIVER	IR	DOI USBR	40 9.9	312.0	83	188	221	540	0	0
	SPK0584				105 51.8					8.66	23.2	
*****												
SHADOW MOUNTAIN AND GRAND LAKES	C001666	COLORADO RIVER	IR	DOI USBR	40 12.4	190.0	138	31	37	18	0	0
	SPK0585				105 50.4					0.95	2.4	
*****												
WILLOW CREEK RES	C001670	WILLOW CREEK	IR	DOI USBR	40 8.8	134.0	30	106	127	11	0	0
ERVOIR	SPK0586				105 56.5					2.67	6.5	
*****												
COUNTY NAME: GUNNISON					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE SF				
*****												
MARBLE	C000119	CRYSTAL RIVER	H		39 5.0	77.0	71	460	0	48	0	0
	SPK0587				107 14.5					8.80	14.7	
*****												
CRYSTAL	C000122	CRYSTAL RIVER	H		39 4.0	3980.0	2379	220	0	18	0	0
	SPK0588				107 10.0					148.41	336.5	
*****												
TAYLOR PARK DAM	C000152	TAYLOR RIVER	H		38 47.0	245.0	285	320	0	106	0	0
TO LOTTIS CREEK	SPK0589				106 38.0					25.47	55.8	
*****												
L E G E N D												

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*****

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

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * (1)	* NAME OF STREAM * CR RIVER	* PROJ * * PURP * (2)	* OWNER *	* LATITUDE * * LONGITUDE * (DM,M)	* DRAINAGE * * AREA * (SQ MI)	* AVERAGE * * ANNUAL * * INFLOW * (CF8)	* NET * * POWER * * HEAD * (FT)	* HEIGHT * * OF * * DAM * (FT)	* MAXIMUM * * STORAGE * * (1000 * * AC FT)	* CAPACITY * * (MW)	* ENERGY * * (BWH)
COUNTY NAME: GUNNISON					PERC POWER SUPPLY AREA 32			PERC REGIONAL OFFICE CODE 8F				
LOTTIS CR TO CRYSTAL CR	*COU0153* *SPK0590*	*TAYLOR RIVER	*H	*	* 38 45.0 * * 106 41.5 *	* 297.0 * *	* 366. * *	* 310. * *	* 0. * *	* 0. * *	* 0. * *	* 0. * *
SPRING CREEK	*COU0154* *SPK0591*	*TAYLOR RIVER	*H	*	* 38 43.5 * * 106 46.5 *	* 350.0 * *	* 247. * *	* 440. * *	* 0. * *	* 0. * *	* 0. * *	* 0. * *
ALMONT	*COU0155* *SPK0592*	*EAST RIVER	*H	*	* 38 44.0 * * 106 51.7 *	* 250.0 * *	* 291. * *	* 405. * *	* 0. * *	* 0. * *	* 0. * *	* 0. * *
COMENT CREEK	*COU0156* *SPK0593*	*COMENT CREEK	*H	*	* 38 50.0 * * 106 46.0 *	* 29.0 * *	* 25. * *	* 177. * *	* 240. * *	* 40. * *	* 0. * *	* 0. * *
CASTLE CREEK	*COU0157* *SPK0594*	*CASTLE CREEK	*	*	* 38 46.0 * * 107 4.2 *	* 21.0 * *	* 19. * *	* 120. * *	* 0. * *	* 6. * *	* 0. * *	* 0. * *
ALMONT	*COU0159* *SPK0595*	*TAYLOR RIVER	*H	*	* 38 41.0 * * 106 51.0 *	* 451.0 * *	* 319. * *	* 300. * *	* 0. * *	* 0. * *	* 0. * *	* 0. * *
ALMONT TO BLUE ESA DAM BACKWATER	*COU0160* *SPK0596*	*GUNNISON RIVER	*	*	* 38 30.0 * * 107 1.5 *	* 3426.0 * *	* 1135. * *	* 441. * *	* 0. * *	* 0. * *	* 0. * *	* 0. * *
GATEVIEW SITE	*COU0162* *SPK0597*	*LAKE FORK OF GUNNISON RIVER	*H	*	* 38 23.0 * * 107 14.5 *	* 338.0 * *	* 238. * *	* 320. * *	* 0. * *	* 0. * *	* 0. * *	* 0. * *
SOMERSET TO MOUTH	*COU0166* *SPK0598*	*NORTH FORK	*	*	* 38 47.0 * * 107 50.0 *	* 521.0 * *	* 311. * *	* 949. * *	* 0. * *	* 0. * *	* 0. * *	* 0. * *
DORCHESTER	*COU0134* *SPK0599*	*TAYLOR RIVER	*H	*CU GAME FISH * PARKS	* 38 57.2 * * 106 39.1 *	* 40.0 * *	* 35. * *	* 43. * *	* 53. * *	* 10. * *	* 0. * *	* 0. * *
SPRING CREEK	*COU0148* *SPK0600*	*TAYLOR RIVER	*R	*COLD GAME AN * D FISH	* 38 51.7 * * 106 41.7 *	* 350.0 * *	* 0. * *	* 440. * *	* 50. * *	* 2. * *	* 0. * *	* 0. * *
TAYLOR PARK	*COU0151* *SPK0601*	*TAYLOR RIVER	*R	*UNCOMFAGHNE * PROJECT	* 38 48.3 * * 106 35.7 *	* 254.0 * *	* 195. * *	* 157. * *	* 200. * *	* 118. * *	* 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   C O L O R A D O

(07/09/79)

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*****
* AVERAGE * NET * HEIGHT * MAXIMUM *
* IDENT * NAME OF STREAM * PROJ * * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: GUNNISON FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE
*****
BEAVER LAKE *C000217* CINHARRON RIVER *R *USDA FS * 38 15.2 * 67.0 * 89. * 21. * 27. * 0. *E 0. *E 0.
*SPK0602* * * * * 107 32.2 * * * * * *N .51 *N 1.3
BEAVER RESERVOIR *C000397* TR-N FK GUNNSN R *I *BEAVER RES C * 38 49.0 * 7.0 * 11. * 99. * 122. * 2. *E 0. *E 0.
*SPK0603* V S FK MN CRK *O * * * * 107 27.8 * * * * * *N .32 *N .7
BLUE MESA RESERVOIR *C001675* GUNNISON RIVER *MCRO *DOI USBR * 38 27.2 * 3470.0 * 0. * 356. * 333. * 941. *E 60.00 *E 300.0
*SPK0604* * * * * 107 20.0 * * * * * *N 0. *N 0.
PAONIA RESERVOIR *C001691* MUDDY CREEK *ICR *DOI USBR * 38 56.0 * 251.0 * 292. * 136. * 177. * 23. *E 0. *E 0.
*SPK0605* * * * * 107 21.0 * * * * * *N 7.62 *N 21.1
SILVER JACK RESERVOIR *C001693* CINHARRON CREEK *ICR *DOI USBR * 38 14.1 * 67.0 * 89. * 108. * 132. * 15. *E 0. *E 0.
*SPK0606* * * * * 107 32.6 * * * * * *N 2.03 *N .51
*****
COUNTY NAME: HINSDALE FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE 3F
*****
LAKE FORK *C000161* LAKE FORK *H * * * 38 1.0 * 176.0 * 237. * 380. * 0. * 0. *U 0. *U 0.
*SPK0607* * * * * 107 19.0 * * * * * *T 27.18 *T 55.7
CONTINENTAL RESERVOIR *C000767* NORTH CLEAR CREEK *I *DEL NORTE IRR * 37 53.2 * 52.0 * 31. * 72. * 92. * 40. *E 0. *E 0.
*SWA0023* * * * * 107 12.3 * * * * * *N .62 *N 1.3
RITO HONDO RESERVOIR *C000778* RITO HONDO CREEK *R *CO GAME FISH * 37 53.5 * 5.0 * 8. * 31. * 40. * 1. *E 0. *E 0.
*SWA0024* * * * * 107 10.5 * * * * * *N .07 *N .2
RIO GRANDE *C000805* RIO GRANDE *I *SAN LUIS VAL * 37 43.2 * 163.0 * 213. * 76. * 100. * 68. *E 0. *E 0.
*SWA0025* * * * * 107 16.0 * * * * * *N 3.11 *N 8.4
*****
COUNTY NAME: HUERFANO FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE
*****
CUCHARAS RESERVOIR *C001146* CUCHARAS RIVER *I *HUERFANO-CUC * 37 44.9 * 649.0 * 18. * 101. * 135. * 60. *E 0. *E 0.
*SWA0026* * * * * 104 35.9 * * * * * *N .33 *N .7
*****
L E G E N D

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

(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 * INFLD* *HEAD * OF * STORAGE* CAPACITY* ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: JACKSON FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE CH
*****
LAKE JOHN *C000993*TR-NORTH PLATTE *R *CJLO GAME FI* 40 46.2 * 60.0* 43.* 19.* 25.* 16.*E 0.*E 0.
*MR00048*RIVER * *S4 AND PARKS*106 26.9 * * * *N .17*N .4
MAC FARLANE *C000997*TH-NORTH PLATTE *I *E B SHAWYER * 40 36.0 * 16.0* 13.* 25.* 33.* 10.*E 0.*E 0.
*MR00049*RIVER * * * *106 17.0 * * * *N .09*N .2
NORTH MICHIGAN *C000999*TR-NGRTH FORK MI*P *COLD GAME FI* 40 32.4 * 5.0* 4.* 46.* 62.* 3.*E 0.*E 0.
REEK *MR00050*CHIGAN RIVER * *SH AND PARKS*105 59.1 * * * *N .06*N .1
POLE MOUNTAIN *C001001*TR-LITTLE GRIZZL*CO *WAMSLEY CATT* 40 30.0 * 6.0* 5.* 35.* 45.* 3.*E 0.*E 0.
*MR00051*Y CREEK * *LE CO *106 30.0 * * * *N .06*N .1
WALDEN *C001008*NORTH PLATTE RIV*I *WALDEN RES C* 40 42.0 * 21.2* 17.* 16.* 22.* 5.*E 0.*E 0.
*MR00001*ER-OFFSTREAM * *O *106 18.8 * * * *N .07*N .1
*****
COUNTY NAME: JEFFERSON FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE CH
*****
TURKSHEAD *C000059*SOUTH PLATTE RIV* * * 39 26.5 * 2620.0* 380.* 107.* 112.* 2.*U 0.*U 0.
*MR00052*ER * * * *105 6.4 * * * *T 7.57*T 25.4
TWO FORKS *C000060*SOUTH PLATTE RIV* * * 39 24.5 * 2574.0* 374.* 450.* 535.* 685.*U 0.*U 0.
*MR00053*ER * * * *105 7.2 * * * *T 44.36*T 114.6
STANDLEY LAKE *C000101*BIG DRY CREEK *IS *FARMERS RES * 39 51.7 * 200.0* 66.* 108.* 113.* 48.*E 0.*E 0.
*MR00054* * *AND IRR CO *105 6.1 * * * *N 1.58*N 4.2
RALSTON *C000205*RALSTON CREEK *S *DENVER BOARD* 39 49.7 * 46.0* 70.* 170.* 180.* 15.*E 0.*E 0.
*MR00055* * *WATER COMN *105 13.9 * * * *N 2.54*N 6.6
MARSTON LAKE *C002012*TH-SOUTH PLATTE *S *CITY AND CCU* 39 37.2 * 200.0* 66.* 27.* 32.* 24.*E 0.*E 0.
*MR00056*RIVER * *ITY OF *105 3.6 * * * *N .41*N 1.1
*****
L E G E N D

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

(07/09/79)

*****												
PROJECT NAME	* IDENT * NUMBER (1)	* NAME OF STREAM * OR RIVER	* PROJ * PURP (2)	* OWNER	* LATITUDE * LONGITUDE (DN,M)	* DRAINAGE * AREA (SQ MI)	* AVERAGE * ANNUAL * INFLOW (CFS)	* NET * POWER * HEAD (FT)	* HEIGHT * OF * DAM (FT)	* MAXIMUM * STORAGE * AC FT	* CAPACITY * (MW)	* ENERGY * (GWH)
*****												
COUNTY NAME: LAKE					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE FW				
*****												
SUGAR LOAF	*COU01669*	LAKE FORK OF ARK/IR	*H*	*DOI USBR	* 39 15.2 *	* 26.0 *	* 55. *	* 124. *	* 129. *	* 136. *	*E 0. *	*E 0. *
	SWA0027	ANSAS RIVER			*106 22.4 *						*N .64 *	*N 1.4 *
*****												
COUNTY NAME: LAPLATA					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE SF				
*****												
EMERALD LAKES	*COU0176*	LOS PINOS RIVER	*H*		* 37 27.0 *	* 55.0 *	* 66. *	* 1913. *	* 0. *	* 0. *	*U 0. *	*U 0. *
	SPK0608				*107 29.0 *						*T 43.41 *	*T 78.8 *
TEFT DAMSITE	*COU0180*	ANIMAS RIVER	*H*		* 37 35.0 *	* 337.0 *	* 437. *	* 230. *	* 0. *	* 0. *	*U 0. *	*U 0. *
	SPK0609				*107 47.0 *						*T 28.32 *	*T 68.7 *
DURANGO TO DEER CANYON	*COU0182*	ANIMAS RIVER			* 37 3.0 *	* 692.0 *	* 818. *	* 542. *	* 0. *	* 0. *	*U 0. *	*U 0. *
	SPK0610				*107 51.0 *						*T 146.82 *	*T 301.2 *
DEER CANYON TO FARMINGTON	*COU0183*	ANIMAS RIVER			* 37 2.0 *	* 1090.0 *	* 893. *	* 730. *	* 0. *	* 0. *	*U 0. *	*U 0. *
	SPK0611				*107 52.0 *						*T 214.03 *	*T 440.4 *
ELECTRA LAKE	*COU01278*	ELBERT CREEK	*H*	*WESTERN COLO*	* 37 32.8 *	* 34.0 *	* 0. *	* 1700. *	* 525. *	* 26. *	*E 0. *	*E 0. *
	SPK0612			*POWER CO	*107 48.0 *						*N 4.70 *	*N 41.0 *
LEMON RESERVOIR	*COU01688*	FLORIDA RIVER	*I*	*DOI USBR	* 37 22.8 *	* 69.0 *	* 86. *	* 154. *	* 209. *	* 49. *	*E 0. *	*E 0. *
	SPK0613				*107 39.7 *						*N 2.65 *	*N 6.4 *
VALLECITO RESERVOIR	*COU01695*	LOS PINOS RIVER	*I*	*DOI USBR	* 37 23.0 *	* 270.0 *	* 349. *	* 100. *	* 118. *	* 130. *	*E 0. *	*E 0. *
	SPK0614				*107 34.5 *						*N 6.43 *	*N 21.6 *
OURAY PH	*COU06001*	UNCOMPAHGRE	*H*	*COLORADO=UTE	*=0 0. *	* 39.0 *	* 0. *	* 432. *	*=0. *	* 0. *	*E .43 *	*E 2.7 *
	SPK0615			*ELEC ASSN	*=0 0. *						*N 4.80 *	*N 11.1 *
*****												
COUNTY NAME: LARIMER					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE CH				
*****												
IDYLWILDE	*COU0046*	CACHE LA POUDE			* 40 42.1 *	* 198.0 *	* 142. *	* 282. *	* 287. *	* 149. *	*U 0. *	*U 0. *
	MR00057	RIVER			*105 41.8 *						*T 8.02 *	*T 20.2 *
*****												
LEGEND												

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

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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   C O L O R A D O

(07/09/79)

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 * (1000 (MM)	* ENERGY * (GWH)
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: LARIMER					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE CH				
UPPER MT MORIAH DAM	*COU0047*	*CACHE LA POUORE RIVER	*	*	* 40 41.4 *105 27.3	* 422.0	* 156.0	* 168.0	* 173.0	* 5.0	* 0.0	* 0.0
BENNETT CREEK	*COU0049*	*CACHE LA POUORE RIVER	*	*	* 40 40.0 *105 28.1	* 11.0	* 1.0	* 760.0	* 0.0	* 0.0	* 0.0	* 0.0
PENDERGRASS FORE BAY	*COU0050*	*SOUTH FORK CACHE LAPOUDRE	*	*	* 40 39.2 *105 28.1	* 93.0	* 67.0	* 157.0	* 162.0	* 2.0	* 0.0	* 0.0
LIVERMORE	*COU0051*	*NORTH FORK CACHE LAPOUDRE	*	*	* 40 46.1 *105 13.4	* 566.0	* 209.0	* 245.0	* 299.0	* 395.0	* 0.0	* 0.0
CACHE LAPOUDRE FOREBAY	*COU0052*	*CACHE LAPOUDRE RIVER	*	*	* 40 42.3 *105 18.0	* 516.0	* 191.0	* 145.0	* 150.0	* 5.0	* 0.0	* 0.0
ELKHORN	*COU0204*	*CACHE LA POUORE RIVER	*	*	* 40 41.5 *105 21.0	* 372.0	* 350.0	* 825.0	* 830.0	* 50.0	* 0.0	* 0.0
CHAMBERS LAKE	*COO0127*	*JOE WRIGHT CREEK	*I	*	* 40 35.9 *105 50.1	* 34.0	* 24.0	* 50.0	* 55.0	* 10.0	* 0.0	* 0.0
COBB LAKE	*COO0129*	*CACHE LA POUORE OFFSTREAM	*I	*	* 40 38.6 *104 57.3	* 39.0	* 60.0	* 53.0	* 58.0	* 28.0	* 0.0	* 0.0
LONG DRAW	*COO0140*	*R-CACHE LA POUORE RIVER	*I	*	* 40 29.7 *105 45.7	* 8.0	* 6.0	* 78.0	* 83.0	* 14.0	* 0.0	* 0.0
MILTON SEAMAN	*COO0143*	*S FORK CACHE LAPOUDRE	*SI	*	* 40 42.1 *105 14.3	* 528.0	* 195.0	* 84.0	* 89.0	* 6.0	* 0.0	* 0.0
PANHANDLE	*COU0145*	*CACHE LA POUORE RIVER OFFSTR	*RIS	*	* 40 35.9 *105 49.3	* 18.0	* 18.0	* 42.0	* 47.0	* 3.0	* 0.0	* 0.0
BOYD LAKE	*COO0157*	*BIG THOMPSON OFFSTREAM	*S	*	* 40 24.8 *105 1.8	* 10.0	* 7.0	* 42.0	* 44.0	* 71.0	* 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   C O L O R A D O

(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 * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LARIMER FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE CH
*****
NORTH POUDRE NO *C000842*NORTH FORK CACHE*I *NORTH POUDRE* 40 45.5 * 2.0* 3.* 40.* 45.* 7.*E 0.*E 0.
15 *MR00070* LA POUDRE * IRR CO *105 7.2 * * * * *N .05*N .1
TIMNATH *C000851*NORTH FORK CACHE*I *CACHE LA POU* 40 32.4 * 17.0* 26.* 34.* 39.* 12.*E 0.*E 0.
*MR00071* LA POUDRE * DRE RES CO *104 57.3 * * * * *N .24*N .5
WINDSOR NO 8 *C000855*NORTH FORK CACHE*I *WINDSOR RES * 40 40.0 * 568.0* 210.* 55.* 60.* 11.*E 0.*E 0.
*MR00072* LA POUDRE * AND CANAL CO*105 3.6 * * * * *N 2.26*N .57
DOUGLAS *C001163*NBXELDER CREEK*D*I *WINDSOR RES * 40 46.9 * 1118.0* 413.* 30.* 35.* 12.*E 0.*E 0.
*MR00073*FFSTREAM * AND CANAL CO*105 9.0 * * * * *N 2.21*N 6.0
FOSSIL CREEK *C001165*TR-NORTH FORK CA*I *NORTH POUDRE* 40 30.3 * 150.0* 91.* 42.* 47.* 17.*E 0.*E 0.
*MR00074*CHE LA POUDRE * IRR CO *105 0. * * * * *N .92*N 2.2
HALLIGAN *C001169*TR-N FORK CACHE *I *N POUDRE IRR* 40 52.4 * 318.0* 175.* 73.* 78.* 9.*E 0.*E 0.
*MR00075*LA POUDRE R * IIGATION CO *105 19.7 * * * * *N 2.57*N 6.3
LAKE LOVELAND *C001187*BIG THOMPSON RIV*I *LOVELAND IRR* 40 23.4 * 150.0* 91.* 41.* 46.* 15.*E 0.*E 0.
*MR00076*ER OFFSTHEAM * CO *105 5.4 * * * * *N .90*N 2.2
PARK CREEK DAM *C001271*PARK CREEK *IR *NORTH POUDRE* 40 50.2 * 376.0* 139.* 95.* 100.* 7.*E 0.*E 0.
*MR00077* * IRR CO *105 9.1 * * * * *N 2.69*N 6.7
SEAMAN *C001525*N FKCACHE LAPOUD*IS *CITY OF GREE* 40 45.0 * 528.0* 195.* 95.* 100.* 5.*E 0.*E 0.
*MR00078*RE RIVER * LEY *105 15.0 * * * * *N 3.41*N 9.0
CARTER LAKE *C001650*BIG THOMPSON OFF*IHR *DDI USBR * 40 19.5 * 800.0* 295.* 179.* 184.* 117.*E 0.*E 0.
*MR00079*STREAM * *105 12.7 * * * * *N 21.13*N 34.9
CARTER LAKE *C001651*BIG THOMPSON OFF*IHR *DDI USBR * 40 20.2 * 2.0* 3.* 55.* 60.* 117.*E 0.*E 0.
*MR00080*STREAM * *105 12.6 * * * * *N .07*N .1
CARTER LAKE *C001652*BIG THOMPSON OFF*IHR *DDI USBR * 40 20.8 * 2.0* 3.* 40.* 45.* 117.*E 0.*E 0.
*MR00081*STREAM * *105 12.7 * * * * *N .05*N .1
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P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   C O L O R A D O

(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 * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LARIMER FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE CH
*****
HORSETOOTH RESERVOIR *C001659*BIG THOMPSON OFF*IR *DCI USBR * 40 36.0 * 858.0* 317.* 100.* 105.* 152.*E 0.*E 0.
*MR00082*STREAM * * * * * * * * *N 5.02*N 14.5
* * * * * * * * * * *
MARYS LAKE *C001660*BIG THOMSEN OFF* * * * * 40 18.0 * 1.5* 1.* 18.* 24.* 1.*E 8.10*E 40.4
*MR00083*STREAM * * * * * * * * *N 0.*N 0.
* * * * * * * * * * *
LAKE ESTES *C001662*BIG THOMSEN RIVE* * * * * 40 24.0 * 137.0* 83.* 33.* 45.* 3.*E 45.00*E 107.8
*MR00084*R * * * * * * * * *N 0.*N 0.
* * * * * * * * * * *
PINWOOD LAKE *C001663*RATTLESNAKE CREEK*IMR *DBI USBR * 40 22.0 * 9.0* 7.* 10.* 109.* 3.*E 71.50*E 238.0
*MR00085*K * * * * * * * * *N 0.*N 0.
* * * * * * * * * * *
ISH NO 3 *C001771*LITTLE THOMPSON *I *ISH RES CO * 40 15.9 * 3.0* 4.* 3.* 42.* 9.*E 0.*E 0.
*MR00086*R-OFFSTREAM * * * * * * * * *N .07*N .1
*****
COUNTY NAME: LAS ANIMAS FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE
*****
TRINIDAD *C000050*PURGATORIE RIVER*CIWD *DAEN SWA * 37 9.0 * 671.0* 72.* 144.* 195.* 151.*E 0.*E 0.
*SWA0028* * * * * * * * *N 2.03*N 5.2
* * * * * * * * * * *
APISHAPA *C000516*APISHAPA RIVER *I *APISHAPA CON * 37 45.5 * 562.0* 15.* 83.* 112.* 42.*E 0.*E 0.
*SWA0029* * * * * * * * *N .25*N .5
* * * * * * * * * * *
JOHN L JONES *C000540*SCHWACHHEIM CREEK*S *RATON WATER * 37 .2 * 7.0* 9.* 51.* 65.* 0.*E 0.*E 0.
*SWA0030*K * * * * * * * * *N .14*N .3
*****
COUNTY NAME: LOGAN FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE CH
*****
POINT OF ROCK *C000384*CEDAR CREEK *I *MUNTH STERLI * 40 46.2 * 225.0* 123.* 75.* 80.* 83.*E 0.*E 0.
*MR00087* * * * * * * * *N 1.72*N 6.6
* * * * * * * * * * *
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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF COLORADO

(07/09/79)

*****												
PROJECT NAME	* IDENT * NUMBER * (1)	* NAME OF STREAM OR RIVER	* PROJ* PURP	* OWNER	*LATITUDE *LONGITUDE * (DM,M)	* DRAINAGE AREA * (SQ MI)	* AVERAGE ANNUAL INFLW * (CFS)	* NET POWER * HEAD * (FT)	* HEIGHT OF DAM * (FT)	* MAXIMUM STORAGE * (1000 AC FT)	* CAPACITY * (MW) * (3)	* ENERGY * (GWH) * (3)
*****												
COUNTY NAME: MESA					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE SF				
*****												
COLORADO UTAH LI	*COU0094*	DOLORIS RIVER	*H	*	* 38 45.0 *	5050.0*	1619.*	120.*	120.*	4000.*	0.*	0.*
NE	*SPK0616*		*	*	*109 4.0 *		*	*	*	*T	53.43*T	123.6
*****												
GUNNISON RIVER T	*COU0096*	COLORADO RIVER	*H	*	* 39 11.0 *	834.0*	258.*	145.*	0.*	0.*	0.*	0.*
O DEWEY SITE	*SPK0617*		*	*	*108 54.5 *		*	*	*	*T	6.22*T	19.1
*****												
DEBEQUE	*COU0108*	COLORADO RIVER	*	*	* 39 14.0 *	7141.0*	2290.*	407.*	0.*	6500.*	0.*	0.*
	SPK0618		*	*	*108 15.0 *		*	*	*	*T	309.14*T	629.2
*****												
PALISADE TO MOUT	*COU0151*	COLORADO RIVER	*H	*	* 39 3.0 *	7950.0*	2549.*	162.*	0.*	0.*	0.*	0.*
H OF GUNNISON RI	*SPK0619*		*	*	*108 34.0 *		*	*	*	*T	113.56*T	262.7
*****												
WHITewater	*COU0170*	GUNNISON RIVER	*H	*	* 38 58.0 *	8020.0*	2572.*	240.*	0.*	880.*	0.*	0.*
	SPK0620		*	*	*108 27.0 *		*	*	*	*T	204.73*T	416.7
*****												
WHITewater DS TO	*COU0171*	GUNNISON RIVER	*H	*	* 39 3.0 *	8000.0*	2565.*	90.*	0.*	0.*	0.*	0.*
MOUTH OF RIVER	*SPK0621*		*	*	*108 34.0 *		*	*	*	*T	60.94*T	145.0
*****												
HOGCHUTE	*COU0086*	KANNAH CREEK	*S	*CITY OF GRAN*	* 39 0. *	62.0*	38.*	42.*	56.*	1.*	0.*	0.*
	SPK0622		*	*D JUNCTION	*108 6.3 *		*	*	*	*N	.41*N	.7
*****												
UPPER HIGHLINE	*COU0831*	TH COLORADO RIV	*R	*COLO DIV OF	* 39 16.6 *	16.0*	16.*	61.*	80.*	6.*	0.*	0.*
	SPK0623	ER	*	*WILDLIFE	*108 50.1 *		*	*	*	*N	.18*N	.4
*****												
INDIAN WASH DETE	*COU0960*	TR-LEACH CREEK	*C	*	* 39 9.0 *	6.0*	3.*	51.*	65.*	2.*	0.*	0.*
NTION	*SPK0624*		*	*	*108 30.4 *		*	*	*	*N	.06*N	.1
*****												
JERRY CREEK NO 1	*COU01037*	PLATEAU CREEK	*I	*UTE WATER CO*	* 39 11.0 *	389.0*	150.*	44.*	57.*	14.*	0.*	0.*
	SPK0625		*	*NSRVNCY DIST*	*108 6.3 *		*	*	*	*N	1.12*N	2.9
*****												
VEGA RESERVOIR	*COU01697*	PLATEAU CREEK	*ICR	*DUI USBN	* 39 13.5 *	24.0*	16.*	98.*	133.*	40.*	0.*	0.*
	SPK0626		*	*	*107 48.7 *		*	*	*	*N	.45*N	1.0
*****												
REDLANDS PH	*COU08000*	GUNNISON	*H	*REDLANDS WTR	* 39 3.0 *	8020.0*	0.*	35.*	=0.*	0.*	1.40*E	9.0
	SPK0627		*	* AND PWR CO	*108 35.6 *		*	*	*	*N	18.25*N	44.2
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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   C O L O R A D O

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (3) * * (4) * * (5) * * (6) * * (7) * * (8) * * (9) * * (10) * * (11) * * (12) * *
* (10.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: MEBA FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
PALISADES (GRAND*CO08002*COLORADO *H *PUBLIC SERV* 39 6.0 * 8790.0* 0. * 80. * =0. * 0. *E 3.00 *E 21.0
VALLEY) PH *SPK0628* * *CE CO. OF CO*108 20.7 * * * * * *N 0. *N 0.
* * * * *
LOWER MOLINA PH *CO08003*PLATEAU CREEK *H *USBR * =0 0. * 20.0* 0. * 100. * =0. * 0. *E 4.86 *E 25.1
*SPK0629* * * =0 0. * * * * *N 1210.42 *N 2448.5
*****
COUNTY NAME: MINERAL FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE
*****
BIG MEADOW *CO00764*SOUTH FORK RIO G *H *CO GAME FISH* 37 33.8 * 70.0* 68. * 43. * 95. * 3. *E 0. *E 0.
*SWA0032*GRANDE * * * AND PARKS *106 44.3 * * * * * *N .73 *N 1.7
* * * * *
LAKE HUMPHREYS *CO00772*GOOSE CREEK *I *RUTH BROWN * 37 40.8 * 50.0* 33. * 63. * 80. * 1. *E 0. *E 0.
*SWA0033* * * * *106 51.0 * * * * * *N .53 *N 1.3
* * * * *
SANTA MARIA RESE*CO00760*TR-CLEAR CREEK *I *SANTA MARIA * 37 48.2 * 5.0* 8. * 76. * 93. * 50. *E 0. *E 0.
*SWA0034* * * * RES CO *107 5.8 * * * * * *N .18 *N .4
* * * * *
LOWER HOMESTAKE *CO02091*TR-MINERS CREEK *D *HOMESTAKE MI* 37 50.3 * 2.0* 2. * 86. * 110. * 1. *E 0. *E 0.
TAILINGS POND *SWA0035* * * * NING CO *106 57.4 * * * * * *N .06 *N .1
*****
COUNTY NAME: HOFFAT FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
POT HOOK RESERVO*COU0075*SLATER CREEK *C * * * 40 59.7 * 154.0* 71. * 146. * 146. * 0. *U 0. *U 0.
IR *SPK0631* * * * *107 23.2 * * * * * *T 2.59 *T 5.1
* * * * *
LILY PARK *COU0090*YAMPA RIVER *H * * * 40 28.0 * 7681.0* 1177. * 275. * 0. * 75. *U 0. *U 0.
*SPK0632* * * * *108 33.0 * * * * * *T 140.98 *T 215.7
* * * * *
ECHO PARK *COU0091*GREEN RIVER * * * * 40 33.0 * 15200.0* 2595. * 520. * 0. * 6460. *U 0. *U 0.
*SPK0633* * * * *109 1.0 * * * * * *T 390.75 *T 940.5
* * * * *
JUNIPER *COU0189*YAMPA RIVER *H *CRWCD * 40 28.0 * 3157.0* 1452. * 205. * 0. * 0. *U 0. *U 0.
*SPK0634* * * * *107 57.0 * * * * * *T 94.49 *T 186.8
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L E G E N D

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * * (DM.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: MONTFAY FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
CROSS MOUNTAIN *COU0193*YAMPA RIVER *H * * * 40 28.0 * 6106.0 * 936.* 224.* 0.* 0.*U 0.*U 0.
*SPK0635* * * * 108 21.4 * * * * * *T 89.00*T 138.2
SULLIVAN *CO02135*S FORK WILLIAMS *I *MARY SULLIVA* 40 16.6 * 77.0 * 50.* 23.* 30.* 0.*E 0.*E 0.
*SPK0636*FORK * *N * 107 26.9 * * * * * *N .22*N .3
*****
COUNTY NAME: MONTEZUMA FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
MCPHEE DAMSITE *COU0185*DOLORES RIVER *H * * * 37 35.0 * 793.0 * 671.* 255.* 0.* 328.*U 0.*U 0.
*SPK0637* * * * 108 35.0 * * * * * *T 55.82*T 105.8
A M PUETT *CO01090*DOLORES RIVER-OF*I *SUMMIT RES A* 37 24.8 * 47.0 * 56.* 33.* 43.* 3.*E 0.*E 0.
*SPK0638*FSTREAM * *ND IRRIG CO * 108 23.5 * * * * * *N .50*N 1.0
SUMMIT *CO01091*TR=DOLORES RIVER*I *SUMMIT RES A* 37 24.8 * 47.0 * 56.* 31.* 40.* 8.*E 0.*E 0.
*SPK0639* * *ND IRRIG CO * 108 22.6 * * * * * *N .46*N 1.0
TOTTEN *CO01092*TR=NAVAJO WASH *I *MONTEZUMA VA* 37 21.4 * 39.0 * 47.* 21.* 30.* 5.*E 0.*E 0.
*SPK0640* * *LLEY IRR CO * 108 31.3 * * * * * *N .27*N .6
*****
COUNTY NAME: MONTROSE FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
BEDROCK *COU0097*DOLORES RIVER *H * * * 38 22.0 * 2173.0 * 676.* 180.* 0.* 554.*U 0.*U 0.
*SPK0641* * * * 108 49.0 * * * * * *T 33.50*T 75.8
FIFTY MILE *COU0106*DOLORES RIVER *H * * * 38 27.0 * 4565.0 * 1464.* 158.* 0.* 1450.*U 0.*U 0.
*SPK0642* * * * 106 53.0 * * * * * *T 67.24*T 149.8
CRYSTAL TO EAST *COU0163*GUNNISON RIVER *H * * * 38 31.5 * 3899.0 * 1292.* 12.* 0.* 0.*U 0.*U 0.
PORTAL-GUNNISON *SPK0643* * * * 107 39.0 * * * * * *T 3.08*T 8.3
EAST PORTAL-GUNN *COU0164*GUNNISON RIVER *H * * * 38 30.0 * 3980.0 * 1319.* 1040.* 0.* 0.*U 0.*U 0.
ISON TO RED ROCK*SPK0644* * * * 107 47.0 * * * * * *T 513.76*T 910.8
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P O T E N T I A L   H Y D R O P O W E R   S I T E S
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(07/09/79)

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PROJECT NAME * IDENT * NAME OF STREAM * PROJ * OWNER * LATITUDE * DRAINAGE * ANNUAL * NET * HEIGHT * MAXIMUM *
              * NUMBER * OR RIVER * FURP *          * LONGITUDE * AREA * INFLO * HEAD * DAM * (1000 * CAPACITY * ENERGY
              * (1) *          * (2) *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: MONTROSE          FERC POWER SUPPLY AREA 32    FERC REGIONAL OFFICE CODE SF
*****
RED ROCK TO NORT *CDU0165*GUNNISON RIVER *H *          * 38 47.0 * 1033.0 * 259.* 391.* 0.* 0.*U 0.*U 0.
H FORK           *SPK0645*          *          * 107 50.0 *          *          *          *          *          *          *          *          *
BUCKEYE NO 1     *CD00206*PARADOX CREEK *I *PARADOX VALL * 38 27.6 * 200.0 * 149.* 59.* 76.* 6.*E 0.*E 0.
                *SPK0646*          *          *EY CANAL RES*109 1.8 *          *          *          *          *          *          *          *
UNION VALLEY     *CD00603*TR-GUNNISON RIVE*I *FRUITLAND IR * 38 35.9 * 5.0 * 3.* 85.* 105.* 11.*E 0.*E 0.
                *SPK0647*R          *          *R CD          * 107 40.9 *          *          *          *          *          *          *
MORROW POINT RES*CDU1689*GUNNISON RIVER *HCRD *DDI USBR * 38 27.1 * 3675.0 * 1300.* 403.* 400.* 121.*E 120.00*E 410.5
ERVOIR           *SPK0648*          *          *          * 107 32.2 *          *          *          *          *          *          *
COUNTY NAME: MORGAN          FERC POWER SUPPLY AREA 32    FERC REGIONAL OFFICE CODE CH
*****
NARROWS          *CDU0019*SOUTHPLATTE RIVE *          * 40 18.0 * 13245.0 * 313.* 103.* 140.* 1609.*U 0.*U 0.
                *MR00090*R.          *          * 103 54.5 *          *          *          *          *          *          *          *
JACKSON LAKE     *CD00016*JACKSON LAKE INL*I R *JACKSON LAKE * 40 23.0 * 36.2 * 55.* 32.* 37.* 42.*E 0.*E 0.
                *MRU0088*ET          *          *FES CO          * 104 4.0 *          *          *          *          *          *          *
KIOWA DAM        *CD00018*TR SOUTH PLATTE *I *          * 40 17.0 * 698.0 * 82.* 42.* 47.* 9.*E 0.*E 0.
                *MR00089*          *          *          * 104 4.0 *          *          *          *          *          *          *
COUNTY NAME: OTERO          FERC POWER SUPPLY AREA 32    FERC REGIONAL OFFICE CODE
*****
CROOKED ARROYO F*CDU1837*CROOKED ARROYO *C *CROOKD ARROY * 37 56.1 * 91.0 * 19.* 30.* 40.* 18.*E 0.*E 0.
LODDWATER RETARD*SWA0036*          *          *U          * 103 38.9 *          *          *          *          *          *          *
LAKE SAN CHRISTO*CDU1976*GUNNISON RIVER *HR *LAKE CITY PU * 37 58.6 * 82.0 * 49.* 13.* 15.* 10.*E 0.*E 0.
BEL              *SPK0649*          *          *NER CO          * 107 17.4 *          *          *          *          *          *          *
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P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   C O L O R A D O

(07/09/79)

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PROJECT NAME * IDENT * NAME OF STREAM * PROJ *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: DORAY      FERC POWER SUPPLY AREA 32      FERC REGIONAL OFFICE CODE SF
*****
DORAY NO 2      *CQU0167*UNCOMPAHGRE RIVE*H      *      *      *      *      *      *      *      *      *      *      *      *      *
*SPK0650*R      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
DORAY NO 1      *CQU0168*UNCOMPAHGRE RIVE*H      *      *      *      *      *      *      *      *      *      *      *      *      *
*SPK0651*R      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
DORAY NO.3      *CQU0169*UNCOMPAHGRE RIVE*H      *      *      *      *      *      *      *      *      *      *      *      *      *
*SPK0652*P      *      *      *      *      *      *      *      *      *      *      *      *      *
*****
COUNTY NAME: PARK      FERC POWER SUPPLY AREA 32      FERC REGIONAL OFFICE CODE CH
*****
SHAWNEE      *CQU0055*NORTH FORK SOUTH*      *      *      *      *      *      *      *      *      *      *      *      *      *
*MR00091* PLATTE      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
RESORT CREEK      *CQU0205*N FK SO PLATTE      *      *      *      *      *      *      *      *      *      *      *      *      *
*MR00092*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
TARRYALL      *CQU0342*TARRYALL CREEK *R      *CULO DIV OF *      *      *      *      *      *      *      *      *      *
*MR00093*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
ANTERO      *CQU0351*S FORK OF S PLAT*S      *DENVER WATER*      *      *      *      *      *      *      *      *      *
*MR00094*TE      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
ELEVEN MILE CANDO *CQU0359*TR-ELEVEN MILE C*S      *DENVER WATER*      *      *      *      *      *      *      *      *      *
N      *MR00095*ANYON RIVER      *      *      *      *      *      *      *      *      *      *      *      *      *
*****
COUNTY NAME: PITKIN      FERC POWER SUPPLY AREA 32      FERC REGIONAL OFFICE CODE SF
*****
MT SOPRIS      *CQU0115*CRYSTAL RIVER *H      *      *      *      *      *      *      *      *      *      *      *      *      *
*SPK0653*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
BEDSTONE      *CQU0117*CRYSTAL RIVER *H      *      *      *      *      *      *      *      *      *      *      *      *      *
*SPK0654*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
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P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   C O L O R A D O

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER *	* NAME OF STREAM * * OR RIVER *	* PROJ * * PURP *	* OWNER *	*LATITUDE * *LONGITUDE *	* DRAINAGE * * AREA *	* AVERAGE * * ANNUAL * * INFLOW *	* NET * * POWER *	* HEIGHT * * HEAD *	* MAXIMUM * * DAM *	* STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MW) *	* ENERGY * * (GWH) *
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	(FT)		(3)	(3)
*****													
COUNTY NAME: PITKIN					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE 8F					
*****													
HOT SPRINGS	*COU0118*	*CRYSTAL RIVER	*H	*	* 39 16.0 *	* 168.0 *	* 55. *	* 253. *	* 0. *	* 0. *	* U	* 0. *	* 0. *
	SPK0655		*	*	*107 13.5 *						* T	* 3.09 *	* 5.8 *
CHAIR MOUNTAIN	*COU0120*	*CRYSTAL RIVER	*H	*	* 39 9.0 *	* 94.0 *	* 87. *	* 300. *	* 0. *	* 0. *	* L	* 0. *	* 0. *
	SPK0656		*	*	*107 15.0 *						* T	* 6.13 *	* 11.0 *
WOODY CREEK	*COU0128*	*ROARING FORK	*H	*	* 39 20.0 *	* 400.0 *	* 347. *	* 450. *	* 0. *	* 0. *	* U	* 0. *	* 0. *
	SPK0657		*	*	*106 59.0 *						* T	* 46.82 *	* 109.4 *
SNOWMASS CREEK	*COU0129*	*ROARING FORK	*H	*	* 39 22.0 *	* 493.0 *	* 455. *	* 248. *	* 0. *	* 0. *	* U	* 0. *	* 0. *
	SPK0658		*	*	*107 2.0 *						* T	* 31.10 *	* 72.7 *
ASPEN	*COU0130*	*ROARING FORK	*H	*	* 39 12.0 *	* 109.0 *	* 117. *	* 405. *	* 0. *	* 0. *	* U	* 0. *	* 0. *
	SPK0659		*	*	*106 50.0 *						* T	* 18.88 *	* 29.8 *
CASTLE CREEK	*COU0131*	*ROARING FORK RIV	*H	*	* 39 16.5 *	* 224.0 *	* 241. *	* 480. *	* 0. *	* 0. *	* U	* 0. *	* 0. *
	SPK0660	*ER	*	*	*106 53.5 *						* T	* 36.83 *	* 66.7 *
LINCOLN GULCH	*COU0133*	*ROARING FORK	*H	*	* 39 9.0 *	* 62.0 *	* 67. *	* 1490. *	* 0. *	* 0. *	* U	* 0. *	* 0. *
	SPK0661		*	*	*106 47.0 *						* T	* 31.45 *	* 57.2 *
HOMESTAKE PROJEC	*COU0673*	*EAGLE RVR-OFF ST	*S	*	* 39 26.9 *	* 3.0 *	* 4. *	* 185. *	* 225. *	* 50. *	* E	* 0. *	* 0. *
T	*SPK0662*	*REAM FALL CRK	*	*	*106 27.0 *						* N	* .36 *	* .5 *
CHAPMAN	*COU0676*	*FRYINGPAN R OFFS	*R	*USDA FS	* 39 19.3 *	* 91.0 *	* 123. *	* 28. *	* 37. *	* 0. *	* E	* 0. *	* 0. *
	SPK0663	*TREAM	*	*	*106 38.5 *						* N	* .53 *	* 1.4 *
WILDCAT	*COU0685*	*TR-SNOWMASS CREE	*R	*	* 39 14.5 *	* 9.0 *	* 11. *	* 71. *	* 86. *	* 1. *	* E	* 0. *	* 0. *
	SPK0664	*K	*	*	*106 56.4 *						* N	* .23 *	* .5 *
RUEDI RESERVOIR	*COU1664*	*FRYINGPAN RIVER	*IRC	*DOI USBR	* 39 21.8 *	* 223.0 *	* 200. *	* 226. *	* 281. *	* 119. *	* E	* 0. *	* 0. *
	SPK0665		*	*	*106 49.1 *						* N	* 10.14 *	* 26.9 *
*****													

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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   C O L O R A D O

(07/09/79)

*****												
PROJECT NAME	* IDENT * * NUMBER * * (1) *	* NAME OF STREAM * * OR RIVER *	* PROJ * * PURP * * (2) *	* OWNER *	*LATITUDE * *LONGITUDE* * (DM,M) *	* DRAINAGE * * AREA * * (SQ MI) *	* AVERAGE * * ANNUAL * * INFLOW * * (CFS) *	* NET * * POWER * * HEAD * * (FT) *	* HEIGHT * * OF * * DAM * * (FT) *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* ENERGY * * CAPACITY * * (MWH) * * (3) *	* ENERGY * * (GWH) * * (3) *
*****												
COUNTY NAME: PROWERS					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE FW				
*****												
WILLOW CREEK DAM	*COU0074*	WILLOW CREEK	*CR	*	* 38 1.7 *	37.0*	2.5*	57.5*	77.5*	24.5U	0.5U	0.1
	SWA0037		*	*	*102 37.1 *					*T	.05*T	
CLAY CREEK	*CO00733*	CLAY CREEK	*R	*COLO DIV OF	* 38 4.1 *	221.0*	24.5*	33.5*	45.5*	6.5E	0.5E	0.5
	SWA0038		*	*WILDLIFE	*102 31.3 *					*N	.21*N	
HORSE CREEK	*CO00744*	WILD HORSE CREEK	*C	*TOWN OF HOLL	* 38 11.7 *	92.0*	5.5*	30.5*	40.5*	4.5E	0.5E	0.1
	SWA0039		*	*Y	*102 7.0 *					*N	.06*N	
*****												
COUNTY NAME: PUEBLO					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE FW				
*****												
FOUNTAIN DAM	*COU0072*	FOUNTAIN CREEK	*CR	*	* 38 19.7 *	917.0*	16.5*	123.5*	167.5*	317.5U	0.5U	0.8
	SWA0040		*	*	*104 36.4 *					*T	1.29*T	2.8
PUEBLO DAM	*COU0207*	ARKANSAS RIVER	*ICSR	*USBR	* 38 16.1 *	4670.0*	843.5*	137.5*	185.5*	488.5E	0.5E	0.8
	SWA0041		*	*	*104 43.5 *					*N	27.10*N	64.8
PUEBLO DAM	*CO00051*	ARKANSAS RIVER	*ICSR	*USBR	* 38 16.1 *	4670.0*	843.5*	137.5*	185.5*	488.5E	0.5E	0.8
	SWA0042		*	*	*104 43.5 *					*N	27.10*N	64.8
*****												
COUNTY NAME: RIO BLANCO					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE SF				
*****												
BIG FISH CR TO S	*COU0061*	NORTH FORK WHITE*	*H	*	* 40 4.0 *	50.0*	18.5*	652.5*	0.5*	0.5U	0.5U	0.8
NELL CR	*SPK0666*	RIVER	*	*	*107 21.5 *					*T	2.72*T	5.0
SNELL CR TO MARV	*COU0082*	NORTH FORK WHITE*	*H	*	* 40 2.5 *	90.0*	133.5*	663.5*	0.5*	0.5U	0.5U	0.8
INE CR	*SPK0667*	RIVER	*	*	*107 29.5 *					*T	32.79*T	60.3
WEST MARVINE CRE	*COU0083*	MARVINE CREEK	*H	*	* 40 2.5 *	47.0*	17.5*	590.5*	0.5*	0.5U	0.5U	0.8
EK TO MOUTH	*SPK0668*		*	*	*107 29.5 *					*T	2.44*T	4.4
MARVINE CREEK TO	*COU0084*	NORTH FORK WHITE*	*H	*	* 39 58.5 *	193.0*	236.5*	510.5*	0.5*	0.5U	0.5U	0.8
MOUTH	*SPK0669*	RIVER	*	*	*107 38.5 *					*T	31.63*T	84.8
*****												
L E G E N D												

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*****

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: RIO BLANCO FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
SEC 27 T2N R89W *COU0085* SOUTH FORK WHITE*H * * * 39 51.5 * 59.0 * 54. * 1000. * 0. * 0. *U 0. *U 0.
TO LOST SOLAR CR*SPK0670* RIVER * * * *107 28.0 * * * * *T 26.66*T 32.6
* * * * *
PELTIER CREEK TO *COU0086* SOUTH FORK WHITE*H * * * 39 58.5 * 156.0 * 191. * 450. * 0. * 0. *U 0. *U 0.
MOUTH *SPK0671* RIVER * * * *107 38.5 * * * * *T 22.56*T 60.5
* * * * *
SOUTH FORK TO IR *COU0087* WHITE RIVER *H * * * 39 57.0 * 459.0 * 376. * 300. * 0. * 0. *U 0. *U 0.
RIGATION SEC 19 *SPK0672* * * * *107 45.0 * * * * *T 32.96*T 78.9
* * * * *
SEC 19 TO GAUGE *COU0088* WHITE RIVER *H * * * 40 2.0 * 542.0 * 444. * 330. * 0. * 0. *U 0. *U 0.
STA 30 HEEKER CO*SPK0673* * * * *107 51.5 * * * * *T 42.81*T 102.4
* * * * *
RANGELY *COU0089* WHITE RIVER *H * * * 40 4.0 * 3300.0 * 578. * 180. * 0. * 650. *U 0. *U 0.
*SPK0674* * * * *109 1.0 * * * * *T 27.87*T 72.9
* * * * *
SOUTH FORK *COU0192* SOUTH FORK WHITE*H * * * 39 57.0 * 169.0 * 207. * 500. * 0. * 0. *U 0. *U 0.
*SPK0675* RIVER * * * *107 35.0 * * * * *T 27.15*T 72.8
* * * * *
BIG BEAVER *COU00962* TR WHITE RIVER *R *COLD DIV OF * 39 58.6 * 170.0 * 255. * 76. * 98. * 10. *E 0. *E 0.
*SPK0676* * *WILDLIFE *107 38.5 * * * * *N 3.62*N 10.8
*****
COUNTY NAME: RIO GRANDE FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE FW
*****
GERRARD *COU0009* RIO GRANDE *P * * * 37 40.8 * 1180.0 * 809. * 167. * 197. * 450. *U 0. *U 0.
*SWA0043* * * * *106 35.8 * * * * *T 39.40*T 89.4
* * * * *
BEAVER CREEK RES *COU00763* BEAVER CREEK *I R *CO GAME FISH* 37 35.8 * 47.0 * 27. * 76. * 96. * 6. *E 0. *E 0.
ERVOIR *SWA0044* * * AND PARKS *106 40.0 * * * * *N .54*N 1.2
*****
COUNTY NAME: ROUTT FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
UPPER BEAR *COU0092* YAMPA RIVER *H * * * 40 17.0 * 227.0 * 361. * 190. * 0. * 125. *U 0. *U 0.
*SPK0677* * * * *106 50.0 * * * * *T 27.87*T 47.0
* * * * *

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF COLORADO

(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 * * (CFS) *	* NET * * POWER * * (FT) *	* HEIGHT * * OF * * (FT) *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MW) * * (3) *	* ENERGY * * (GWH) * * (3) *
*****												
COUNTY NAME: ROUTT				FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE SF					
*****												
SLATER FALLS	*COU0093*	SLATER FORK	*H*		* 40 51.0 *	92.0*	42.*	454.*	0.*	0.*U	0.*	0.*
	SPK0678				* 107 16.0 *					*T	4.01*T	8.8
ROCK CREEK	*C000936*	TR-COLORADO RIVER	*R*	*COLD GAME FI*	40 2.8 *	48.0*	33.*	57.*	75.*	11.*E	0.*	0.*
	SPK0679			*SH AND PARKS*	106 38.5 *					*N	.72*N	1.4
FISH CREEK RESERVOIR	*C001020*	TR-YAMPA RIVER	*S*	*TOWN OF STEA*	40 29.7 *	2.0*	3.*	45.*	58.*	2.*E	0.*	0.*
	SPK0680	FK FISH CRK		*MBUAT	* 106 40.3 *					*N	.06*N	.1
LESTER CREEK	*C001022*	TR-ELK RIVER	*R*	*COLD GAME FI*	40 46.2 *	2.0*	3.*	72.*	91.*	7.*E	0.*	0.*
	SPK0681			*SH AND PARKS*	106 51.9 *					*N	.09*N	.1
WHITELEY-NELSON	*C001035*	TR-YAMPA RIVER	*I*	*R E JONES	* 40 11.7 *	13.0*	22.*	26.*	33.*	28.*E	0.*	0.*
	SPK0682				* 106 53.7 *					*N	.15*N	.4
WILLOW CREEK	*C001036*	WILLOW CREEK	*R*	*COLD GAME FI*	40 46.9 *	14.0*	6.*	77.*	100.*	30.*E	0.*	0.*
	SPK0683			*SH AND PARKS*	106 55.5 *					*N	.12*N	.3
LAKE CATAMOUNT	*C002140*	YAMPA RIVER	*R*	*PLEASANT VAL*	40 21.4 *	383.0*	296.*	38.*	51.*	16.*E	0.*	0.*
	SPK0684			*LEY INVEST*	* 106 48.0 *					*N	2.36*N	5.8
*****												
COUNTY NAME: SAGUACHE				FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE FW					
*****												
SENTRY BOX WATER SHED DAM	*COU0010*	LAGARITA CREEK	*IC*		* 37 48.9 *	63.0*	13.*	87.*	118.*	10.*U	0.*	0.*
	SWA0045				* 106 19.7 *					*T	.37*T	.8
*****												
COUNTY NAME: SAN JUAN				FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE SF					
*****												
HOWARDSVILLE	*COU0172*	ANIMAS RIVER	*H*		* 37 48.5 *	85.0*	155.*	542.*	0.*	0.*U	0.*	0.*
	SPK0685				* 107 39.5 *					*T	25.93*T	52.3
SILVERTON DAMSITE E	*COU0177*	ANIMAS RIVER	*H*		* 37 45.0 *	158.0*	212.*	240.*	0.*	263.*U	0.*	0.*
	SPK0686				* 107 40.0 *					*T	19.25*T	34.4
*****												

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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   C O L O R A D O

(07/09/79)

PROJECT NAME	* IDENT NUMBER (1)	NAME OF STREAM GR 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: SAN JUAN					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE SF				
LINE CREEK	*CQU0178*	ANIMAS RIVER	*M	*	* 37 37.0 *	194.0*	261.*	1155.*	0.*	0.*U	0.*U	0.*
	SPK0687		*	*	*107 43.0 *					*T	104.12*T	196.6
NEEDLE	*CQU0179*	ANIMAS RIVER	*M	*	* 37 36.5 *	247.0*	320.*	1167.*	0.*	0.*U	0.*U	0.*
	SPK0688		*	*	*107 45.0 *					*T	105.33*T	255.5
ANIMAS GORGE	*CQU0181*	ANIMAS RIVER	*M	*	* 37 25.0 *	450.0*	532.*	625.*	0.*	0.*U	0.*U	0.*
	SPK0689		*	*	*107 48.0 *					*T	110.10*T	225.9
COUNTY NAME: SAN MIGUEL					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE SF				
HOWARDS FORK	*CQU0098*	SAN MIGUEL RIVER	*M	*	* 37 56.5 *	46.0*	84.*	650.*	0.*	24.*U	0.*U	0.*
	SPK0690		*	*	*107 54.0 *					*T	21.41*T	37.1
SAW PIT	*CQU0099*	SAN MIGUEL RIVER	*M	*	* 37 59.5 *	110.0*	201.*	490.*	0.*	0.*U	0.*U	0.*
	SPK0691		*	*	*108 .5 *					*T	38.60*T	66.9
PLACERVILLE	*CQU0100*	SAN MIGUEL RIVER	*M	*	* 38 1.5 *	157.0*	117.*	240.*	0.*	0.*U	0.*U	0.*
	SPK0692		*	*	*108 4.0 *					*T	5.41*T	16.8
MCKENZIE CREEK	*CQU0101*	SAN MIGUEL RIVER	*M	*	* 38 8.0 *	454.0*	271.*	426.*	0.*	0.*U	0.*U	0.*
	SPK0693		*	*	*108 13.0 *					*T	36.08*T	79.1
SALTADO DAM SITE	*CQU0102*	SAN MIGUEL RIVER	*M	*	* 38 4.0 *	340.0*	254.*	272.*	0.*	53.*U	0.*U	0.*
	SPK0694		*	*	*108 10.0 *					*T	21.99*T	47.8
SALTADO DS TO MC	*CQU0103*	SAN MIGUEL CREEK	*M	*	* 38 8.0 *	340.0*	254.*	345.*	0.*	0.*U	0.*U	0.*
KENZIE CREEK	*SPK0695*		*	*	*108 13.0 *					*T	24.47*T	58.4
MORSEFLY CREEK	*CQU0104*	SAN MIGUEL RIVER	*M	*	* 38 12.0 *	463.0*	276.*	406.*	0.*	0.*U	0.*U	0.*
	SPK0696		*	*	*108 18.5 *					*T	35.07*T	76.9
MORSEFLY SITE TO	*CQU0105*	SAN MIGUEL RIVER	*M	*	* 38 23.0 *	1970.0*	488.*	1244.*	0.*	0.*U	0.*U	0.*
MOUTH	*SPK0697*		*	*	*108 48.0 *					*T	209.95*T	406.8

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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   C O L O R A D O

(07/09/79)

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*****
* PROJECT NAME * IDENT * NAME OF STREAM * PROJ * OWNER * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
* NUMBER * CR RIVER * PURP * * * LONGITUDE * AREA * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SAN MIGUEL FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
GURLEY *C000158*TR=MAVERICK DRAW*I *FARMERS WATE* 38 2.8 * 23.0* 9.* 54.* 68.* 12.*E 0.*E 0.
*SPK0698* *R DEV CU *108 14.8 * * * * * *N .18*N .2
LILY LANDS *C000159*NATURITA CREEK *I * * 38 5.5 * 71.0* 130.* 37.* 50.* 3.*E 0.*E 0.
*SPK0699* * * *108 20.9 * * * * * *N 1.10*N 2.7
MIRAMONTE *C000162*TR=NATURITA CREEK *R *COLO DIV OF * 37 57.9 * 31.0* 37.* 64.* 87.* 11.*E 0.*E 0.
*SPK0700*K * * *108 20.9 * * * * * *N .68*N 1.4
TROUT LAKE *C001277*LAKE FORK SAN MI *H *WESTERN COLO* 37 49.7 * 14.0* 0.* 1015.* 325.* 4.*E 3.60*E 10.8
*SPK0701*GUEL RIVER * *POWER CO *107 53.3 * * * * * *N 0.*N 0.
*****
COUNTY NAME: SEDGWICK FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE CH
*****
JULESBURG *C001797*SOUTH PLATTE RIV*I *JULESBURG IR* 40 55.9 * 60.0* 33.* 75.* 80.* 34.*E 0.*E 0.
*MR00096*ER OFFSTREAM * *R DIST *102 37.6 * * * * * *N .46*N 1.7
*****
COUNTY NAME: SUMMIT FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
ACORN CREEK *C000149*BLUE RIVER *H * * 39 49.0 * 465.0* 280.* 235.* 0.* 0.*U 0.*U 0.
*SPK0702* * * *106 11.0 * * * * * *T 26.63*T 42.5
TAILWATER GREEN *C000150*BLUE RIVER *H * * 39 55.0 * 599.0* 361.* 165.* 0.* 0.*U 0.*U 0.
MTN DAM TO SPRIN *SPK0703* * * *106 21.0 * * * * * *T 24.09*T 38.5
GOOSE PASTURE *C000663*TR=BLUE RIVER IN *R *BRECKENRIDGE* 39 25.9 * 6.0* 63.* 47.* 64.* 2.*E 0.*E 0.
*SPK0704*DIANA CRK * *COLD *106 .9 * * * * * *N .14*N .2
GREEN MOUNTAIN R *C001658*BLUE RIVER *IHR *DOI USBR * 39 52.7 * 598.0* 545.* 261.* 258.* 163.*E 21.60*E 69.8
ESERVOIR *SPK0705* * * *106 19.8 * * * * * *N 0.*N 0.
DILLON *C002005*BLUE RIVER *S *DENVER WATER* 39 37.2 * 335.0* 206.* 204.* 240.* 253.*E 0.*E 0.
*SPK0706* * *BOARD *106 3.6 * * * * * *N 11.95*N 28.6
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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   C O L O R A D O

(07/09/79)

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*****
* AVERAGE * NET * HEIGHT * MAXIMUM *
* IDENT * NAME OF STREAM * PROJ * * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SUMMIT FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
CLINTON GULCH *C002093*TRI-TENMILE CREEK *D *AMER METAL C *39 24.1 * 5.0 * 7. * 130. * 170. * 6. *E 0. *E 0.
*SPK0707*K * * *LIMAX, INC S*106 9.9 * * * * * *N .42*N .6
UPPER MOLINA PH *C008004*PLATEAU CREEK *H *USBR * -0 0. * 20.0 * 0. * 2663. * -0. * 0. *E 8.64 *E 42.7
*SPK0708* * * * -0 0. * * * * * *N 0. *N 0.
*****
COUNTY NAME: TELLER FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE
*****
NORTH CATAMOUNT *C000407*NORTH CATAMOUNT *S *CITY OF COLO *38 55.8 * 6.0 * 2. * 148. * 200. * 154. *E 0. *E 0.
*SWA0046*CREEK * * *SPRINGS *105 3.2 * * * * * *N .11*N .2
SOUTH CATAMOUNT *C000408*SOUTH CATAMOUNT *S *CITY OF COLO *38 55.6 * 5.0 * 1. * 79. * 100. * 5. *E 0. *E 0.
*SWA0047*CREEK * * *SPRINGS *105 2.9 * * * * * *N .05*N .1
SKAGWAY RESERVOIR *C000481*WEST BEAVER CREEK *R *WESTERN POWE *38 41.4 * 59.0 * 7. * 57. * 76. * 4. *E 0. *E 0.
*SWA0048*K * * *R AND GAS CO *105 2.7 * * * * * *N .09*N .3
WRIGHTS RESERVOIR *C002066*FOURMILE CREEK *I *PIGSAW RES A *38 47.5 * 62.0 * 7. * 60. * 80. * 4. *E 0. *E 0.
*SWA0049* * * *ND DITCH CO *105 16.3 * * * * * *N .10*N .3
*****
COUNTY NAME: WASHINGTON FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE CH
*****
PREWITT *C000385*SOUTH PLATTE OFF *I *PREWITT OPER *40 25.5 * 200.0 * 109. * 40. * 45. * 24. *E 0. *E 0.
*MR00097*STREAM * * *ATING COMM *103 20.6 * * * * * *N .81*N 3.1
WILLIAMS-ROSENER *C001994*SAN ARROYA CREEK *I *E B WILLIAMS *40 3.4 * 76.0 * 51. * 45. * 50. * 21. *E 0. *E 0.
*MCCREERY *MR00098* * * AND JAMES W *103 52.8 * * * * * *N .61*N 1.4
*****
COUNTY NAME: WELD FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE VI
*****
STRUCTURE CB-1 *C000201*COALBANK CREEK * * * 40 33.0 * 27.0 * 41. * 42. * 57. * 2. *U 0. *U 0.
*MR00099* * * *104 50.0 * * * * * *T .48*T 1.1
*****
L E G E N D

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STATE OF KANSAS

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

*****																		
* H *	* C *	M *																
* E *	* U *	T *	POTENTIAL INCREMENTAL CAPACITY RANGES															
* A *	* M *	O *																
* D *	* U *	T *	*****															
* I *	* L *	A *																
* N *	* F *	A *	.05 MW - 15 MW	**	15 MW - 25 MW	**	GREATER THAN 25 MW	**	TOTAL							*		
* F *	* T *	S *	*****															
* E *	* I *	G *	*****															
* E *	* V *	I *	EXIST*	EXIST*	UNDEV*	TOTAL*	EXIST*	EXIST*	UNDEV*	TOTAL*	EXIST*	EXIST*	UNDEV*	TOTAL*	EXIST*	EXIST*	UNDEV*	TOTAL*
* T *	* E *	N *	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*
*****																		
* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
* O=19 *	* NUMBER*		0*	7*	1*	8**	0*	0*	0*	0**	0*	0*	0*	0**	0*	7*	1*	8*
* * *	* CAPCTY*		0.0*	4.0*	0.7*	4.8**	0.0*	0.0*	0.0*	0.0**	0.0*	0.0*	0.0*	0.0**	0.0*	4.0*	0.7*	4.8*
* * *	* ENERGY*		0.0*	8.3*	3.4*	11.7**	0.0*	0.0*	0.0*	0.0**	0.0*	0.0*	0.0*	0.0**	0.0*	8.3*	3.4*	11.7*
*****																		
* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
* 20=49 *	* NUMBER*		1*	27*	51*	78**	0*	0*	0*	0**	0*	1*	4*	5**	1*	28*	55*	83*
* * *	* CAPCTY*		1.8*	7.6*	34.3*	42.0**	0.0*	0.0*	0.0*	0.0**	0.0*	40.3*	225*	266**	1.8*	48.0*	260*	308*
* * *	* ENERGY*		10.0*	11.1*	75.6*	87.8**	0.0*	0.0*	0.0*	0.0**	0.0*	75.7*	419*	495**	10.0*	86.9*	495*	582*
*****																		
* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
* 50=99 *	* NUMBER*		0*	30*	125*	155**	0*	1*	0*	1**	0*	1*	2*	3**	0*	32*	127*	159*
* * *	* CAPCTY*		0.0*	49.5*	137*	187**	0.0*	18.4*	0.0*	18.4**	0.0*	33.3*	71.1*	105**	0.0*	101*	208*	310*
* * *	* ENERGY*		0.0*	97.2*	280*	377**	0.0*	38.4*	0.0*	38.4**	0.0*	42.2*	88.9*	131**	0.0*	178*	369*	547*
*****																		
* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
* >100 *	* NUMBER*		0*	0*	7*	7**	0*	0*	0*	0**	0*	1*	0*	1**	0*	1*	7*	8*
* * *	* CAPCTY*		0.0*	0.0*	10.9*	10.9**	0.0*	0.0*	0.0*	0.0**	0.0*	66.9*	0.0*	66.9**	0.0*	66.9*	10.9*	77.8*
* * *	* ENERGY*		0.0*	0.0*	22.2*	22.2**	0.0*	0.0*	0.0*	0.0**	0.0*	111*	0.0*	111**	0.0*	111*	22.2*	133*
*****																		
* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *	* * *
* TOTAL *	* NUMBER*		1*	64*	184*	248**	0*	1*	0*	1**	0*	3*	6*	9**	1*	68*	190*	258*
* * *	* CAPCTY*		1.8*	61.2*	183*	245**	0.0*	18.4*	0.0*	18.4**	0.0*	141*	296*	437**	1.8*	220*	480*	700*
* * *	* ENERGY*		10.0*	117*	382*	499**	0.0*	38.4*	0.0*	38.4**	0.0*	229*	508*	737**	10.0*	384*	890*	1274*
*****																		

L E G E N D

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

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

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

(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 * * DAM *	* MAXIMUM * * STORAGE * * (1000 * * (AC FT) *	* ENERGY * * CAPACITY * * (MWH) *	* ENERGY * * (GWH) *
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)		(3)	(3)
*****												
COUNTY NAME: ALLEN					FERC POWER SUPPLY AREA 34			FERC REGIONAL OFFICE CODE FW				
*****												
LOLA RESERVOIR	*KSU0057*	GRAND NEOSHO RIV	*CS	*DAEN SWT	* 37 57.5 *	* 3580.0 *	* 1631. *	* 52. *	* 71. *	* 370. *	* 0. *	* 0. *
	SWT0034	ER			* 95 26.5 *					* 38.53 *	* 48.0 *	
BASSETT	*KSU0341*	ELM CREEK	*S		* 37 53.9 *	* 46.0 *	* 33. *	* 40. *	* 48. *	* 46. *	* 0. *	* 0. *
	SWT0035				* 95 20.6 *					* .41 *	* .5 *	
CARLYLE	*KSU0348*	DEER CREEK	*S		* 37 59.0 *	* 92.0 *	* 66. *	* 64. *	* 86. *	* 313. *	* 0. *	* 0. *
	SWT0036				* 95 21.6 *					* .94 *	* 1.4 *	
IOLA	*KSU0377*	NEOSHO RIVER	*S		* 37 57.2 *	* 3580.0 *	* 1631. *	* 42. *	* 57. *	* 867. *	* 0. *	* 0. *
	SWT0037				* 95 27.5 *					* 4.53 *	* 16.7 *	
BASSETT RESERVOIR	*KSU0420*	ELM CREEK	*SC	*BUREC	* 37 54.0 *	* 46.0 *	* 25. *	* 37. *	* 50. *	* 43. *	* 0. *	* 0. *
R LOWER NEOSHA R	*SWT0038*				* 95 20.5 *					* .25 *	* .3 *	
CARLYLE RESERVOIR	*KSU0423*	DEER CREEK	*SC	*BUREC	* 37 59.0 *	* 92.0 *	* 50. *	* 67. *	* 90. *	* 177. *	* 0. *	* 0. *
R LOWER NEOSHA R	*SWT0039*				* 95 21.5 *					* .79 *	* .9 *	
CARLYLE RESERVOIR	*KSU0427*	DEER CREEK	*SC	*DAEN SWT	* 37 59.0 *	* 91.0 *	* 50. *	* 59. *	* 80. *	* 145. *	* 0. *	* 0. *
R LOWER NEOSHA R	*SWT0040*				* 95 21.5 *					* .73 *	* .8 *	
*****												
COUNTY NAME: ANDERSON					FERC POWER SUPPLY AREA 34			FERC REGIONAL OFFICE CODE CH				
*****												
GARNETT RES	*KSU0104*	POTTAWATOMIE CRE			* 38 20.0 *	* 334.0 *	* 234. *	* 50. *	* 68. *	* 186. *	* 0. *	* 0. *
	MRK0012	EK			* 95 15.3 *					* 1.92 *	* 2.9 *	
*****												
COUNTY NAME: BARBER					FERC POWER SUPPLY AREA 29			FERC REGIONAL OFFICE CODE FW				
*****												
MEDICINE LODGE	*KSU0068*	MEDICINE LODGE R	*CS	*DAEN SWT	* 37 16.7 *	* 586.0 *	* 91. *	* 75. *	* 102. *	* 484. *	* 0. *	* 0. *
	SWT5001				* 98 37.8 *					* 1.41 *	* 3.4 *	
SUN CITY RESERVOIR	*KSU0079*	MEDICINE LODGE R			* 37 24.0 *	* 274.0 *	* 42. *	* 54. *	* 119. *	* 0. *	* 0. *	* 0. *
IR	*SWT0041*	IVER			* 98 42.0 *					* .56 *	* 1.2 *	
*****												
L E G E N D												

L E G E N D

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*****

P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   K 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) * (SQ MI)	* DRAINAGE* AREA * (CFS)	* AVERAGE * ANNUAL * (CFS)	* NET * POWER * (FT)	* HEIGHT* OF * (FT)	* MAXIMUM* STORAGE* (1000 * AC FT)	* CAPACITY* (MH) * (3)	* ENERGY (GWH) * (3)
COUNTY NAME: BARBER					FERC POWER SUPPLY AREA 29		FERC REGIONAL OFFICE CODE FW					
MACADOO DAM	*KSU0333*	MACADOO	*SCS DDA		* 37 30.0 *	16.0*	3. *	2974. *	39. *	0. *U	0. *U	0. *
	SWT0042				* 98 1.1 *					*T	.24*T	1.1
AMBER	*KSU0336*	ELM CREEK	*S		* 37 21.6 *	144.0*	22. *	81. *	110. *	173. *U	0. *U	0. *
	SWT0044				* 98 34.5 *					*T	.45*T	.9
DEERHEAD	*KSU0358*	BIG MULE CREEK	*S		* 37 9.2 *	199.0*	20. *	76. *	0. *	0. *U	0. *U	0. *
	SWT0045				* 98 59.7 *					*T	.36*T	.6
AETNA RESERVOIR	*KSU0429*	SALT FORK ARKANS	*C		* 37 3.0 *	654.0*	101. *	35. *	48. *	283. *U	0. *U	0. *
ARKANSAS RIVER	*SWT0050*	AS RIVER			* 98 50.0 *					*T	.81*T	1.8
SUN CITY RESERVOIR	*KSU0436*	MEDICINE LODGE R	*C		* 37 24.0 *	274.0*	42. *	58. *	79. *	75. *U	0. *U	0. *
	SWT0051	IVER			* 98 42.0 *					*T	.61*T	1.3
MEDICINE LODGE	*KSU0479*		*C	*DAEN SWT	* 37 47.0 *	593.0*	92. *	93. *	126. *	284. *U	0. *U	0. *
	SWT0052				* 98 38.0 *					*T	1.72*T	4.2
COUNTY NAME: BOURBON					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE CM					
FORT SCOTT RES	*KSU0103*	MARMATON RIVER			* 37 43.8 *	279.0*	195. *	55. *	75. *	250. *U	0. *U	0. *
	MRK0013				* 94 47.8 *					*T	1.96*T	3.1
COUNTY NAME: BUTLER					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FW					
EL DORADO RESERVOIR	*KSU0040*	WALNUT RIVER	*FSWU	*DAEN SWT	* 37 51.0 *	234.0*	119. *	73. *	99. *	236. *E	0. *E	0. *
	SWT0053				* 96 48.5 *					*N	1.94*N	3.9
DOUGLASS RESERVOIR	*KSU0442*	LITTLE WALNUT CR	*FSR	*DAEN SWT	* 37 32.0 *	238.0*	119. *	66. *	89. *	172. *E	0. *E	0. *
	SWT0055	EEK			* 97 1.0 *					*N	1.37*N	2.7
TOWANDA RESERVOIR	*KSU0455*	WHITEWATER RIVER	*FSRD	*DAEN SWT	* 37 51.0 *	422.0*	206. *	61. *	82. *	208. *E	0. *E	0. *
R WHITEWATER RIV	*SWT0056*				* 97 3.7 *					*N	1.82*N	3.4
L E G E N D												

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

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER *	* NAME OF STREAM * * RIVER *	* PROJ * * PURP *	* OWNER *	* LATITUDE * * LONGITUDE *	* DRAINAGE * * AREA *	* AVERAGE * * ANNUAL * * INFLW *	* NET * * POWER * * HEAD *	* HEIGHT * * OF DAM *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MW) *	* ENERGY * * (GWH) *
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)		(3)	(3)
*****												
COUNTY NAME: BUTLER												
*****												
MUDDY CREEK SITE	*KSU0486*	MUDDY CREEK	*C	*SCS DCA	* 37 34.1 *	28.0*	14.*	32.*	43.*	6.*U	0.*U	0.
'4-6	*SWT0057*				* 96 55.0 *					*T	.09*T	.2
WHITewater SITE	*KSU0542*	WHITewater CREEK	*C	*SCS DCA	* 37 46.1 *	12.0*	7.*	41.*	55.*	4.*U	0.*U	0.
'1	*SWT0058*				* 97 3.0 *					*T	.06*T	.1
SANTA FE LAKE	*KS00310*	DRY CREEK	*R	*CITY OF AUGU	* 37 42.3 *	8.0*	5.*	56.*	75.*	2.*E	0.*E	0.
	SWT0059			*STA	* 97 3.0 *					*N	.06*N	.1
MUDDY CREEK SITE	*KS02126*	MUDDY CREEK	*C	*MUDDY CREEK	* 37 33.0 *	28.0*	16.*	33.*	45.*	7.*E	0.*E	0.
4-6	*SWT0060*			*WATERSHED	* 96 55.1 *					*N	.11*N	.1
FALL 'I-5	*KS02293*	FALL RIVER	*C	*SCS DCA	* 37 52.0 *	4.0*	3.*	41.*	55.*	1.*E	0.*E	0.
	SWT0061				* 96 32.5 *					*N	.06*N	.1
EL DORADO LAKE	*KS02459*	SATCHEL CREEK	*S	*CITY OF EL D	* 37 51.6 *	235.0*	135.*	22.*	28.*	4.*E	0.*E	0.
	SWT0062			*ORADO	* 96 47.6 *					*N	.53*N	.7
LAKE BLUE STEM	*KS02460*	TR-BEMIS CREEK	*S	*CITY OF ELDU	* 37 51.7 *	49.0*	28.*	50.*	63.*	13.*E	0.*E	0.
	SWT0063			*RADU	* 96 47.4 *					*N	.30*N	.3
*****												
COUNTY NAME: CHASE												
*****												
BAZAAR RESERVOIR	*KSU0014*	SOUTH FORK COTTO	*CS	*DAEN SWT	* 38 7.0 *	163.0*	22.*	74.*	100.*	208.*U	0.*U	0.
	SWT0064	NWOOD RIVER			* 96 32.5 *					*T	1.16*T	2.1
CEDAR POINT RESE	*KSU0021*	CEDAR CREEK	*FO	*DAEN SWT	* 38 15.0 *	119.0*	60.*	86.*	117.*	109.*U	0.*U	0.
RVOIR	*SWT0065*				* 96 54.0 *					*T	1.06*T	1.9
DIAMOND RESERVOI	*KSU0035*	DIAMOND CREEK	*C3	*DAEN SWT	* 38 28.0 *	135.0*	68.*	74.*	100.*	247.*U	0.*U	0.
R	*SWT0066*				* 96 42.0 *					*T	1.03*T	1.8
ELK RESERVOIR	*KSU0042*	ELK CREEK	*C3	*DAEN SWT	* 37 24.5 *	87.0*	63.*	52.*	70.*	161.*U	0.*U	0.
	SWT0067				* 96 47.0 *					*T	.55*T	.8
*****												
L E G E N D												
*****												

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

*****

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF KANSAS

(07/09/79)

PROJECT NAME	IDENT NUMBER (1)	NAME OF STREAM OR RIVER	PROJ PURP (2)	OWNER	LATITUDE LONGITUDE (D.M.)	DRAINAGE AREA (SQ MI)	AVERAGE ANNUAL INFLOW (CFS)	NET POWER HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: CHASE												
					FERC POWER SUPPLY AREA 34			FERC REGIONAL OFFICE CODE FW				
ELM DALE	*KSU0364*	ELK CREEK	*S	*	* 38 23.2 *	* 110.0 *	* 55. *	* 66. *	* 105. *	* 171. *	*U	* 0. *
	SWT0069		*	*	* 96 40.9 *	*	*	*	*	*T	*.97*	* 1.7 *
STRONG CITY	*KSU0396*	FOX CREEK	*S	*	* 38 24.7 *	* 33.0 *	* 17. *	* 77. *	* 0. *	* 0. *	*U	* 0. *
	SWT0070		*	*	* 96 33.0 *	*	*	*	*	*T	*.26*	*.5 *
COTTONWOOD RESERVOIR	*KSU0416*	COTTONWOOD RIVER	*ISC	*BUREC	* 38 23.0 *	* 354.0 *	* 180. *	* 67. *	* 90. *	* 423. *	*U	* 0. *
	SWT0071		*	*	* 96 33.5 *	*	*	*	*	*T	*2.28*	* 5.1 *
ELMDALE RESERVOIR	*KSU0445*	MIDDLE CREEK	*ISC	*BUREC	* 38 23.0 *	* 180.0 *	* 91. *	* 81. *	* 110. *	* 152. *	*U	* 0. *
	SWT0072		*	*	* 96 38.5 *	*	*	*	*	*T	*1.91*	* 3.6 *
STRONG CITY RESERVOIR	*KSU0458*	FOX CREEK	*SC	*BUREC	* 38 25.0 *	* 33.0 *	* 17. *	* 532. *	* 720. *	* 61. *	*U	* 0. *
	SWT0073		*	*	* 96 33.0 *	*	*	*	*	*T	*1.62*	* 3.1 *
STRONG CITY RESERVOIR	*KSU0516*	FOX CREEK	*SC	*DAEN SWT	* 38 25.0 *	* 36.0 *	* 18. *	* 80. *	* 108. *	* 61. *	*U	* 0. *
	SWT0074		*	*	* 96 33.0 *	*	*	*	*	*T	*.30*	*.5 *
HYMER RESERVOIR	*KSU0526*	DIAMOND CREEK	*CSO	*DAEN SWT	* 38 27.5 *	* 133.0 *	* 67. *	* 87. *	* 118. *	* 202. *	*U	* 0. *
	SWT0075		*	*	* 96 40.4 *	*	*	*	*	*T	*1.17*	* 2.1 *
LOWER BAZAAR RESERVOIR	*KSU0527*	SOUTH FORK COTTONWOOD RIVER	*CSO	*DAEN SWT	* 38 16.6 *	* 193.0 *	* 97. *	* 86. *	* 116. *	* 259. *	*U	* 0. *
	SWT0076		*	*	* 96 33.5 *	*	*	*	*	*T	*1.50*	* 2.9 *
ELK RESERVOIR	*KSU1113*	MIDDLE CREEK	*CSO	*DAEN SWT	* 38 24.3 *	* 86.0 *	* 43. *	* 84. *	* 114. *	* 139. *	*U	* 0. *
	SWT0077		*	*	* 96 45.6 *	*	*	*	*	*T	*.74*	* 1.3 *
MATFIELD GREEN	*KSU1115*	SOUTH FORK COTTONWOOD RIVER	*CSO	*DAEN SWT	* 38 6.8 *	* 48.0 *	* 24. *	* 79. *	* 107. *	* 79. *	*U	* 0. *
	SWT0078		*	*	* 96 32.6 *	*	*	*	*	*T	*.39*	*.7 *
BAZAAR RESERVOIR	*KSU1116*	ROCK CREEK	*CSO	*DAEN SWT	* 38 16.0 *	* 40.0 *	* 20. *	* 84. *	* 114. *	* 66. *	*U	* 0. *
	SWT0079		*	*	* 96 35.2 *	*	*	*	*	*T	*.35*	*.6 *
CHASE COUNTY STATE LAKE	*KSU0866*	PRATHER CREEK	*R	*F F AND GAME	* 38 22.2 *	* 28.0 *	* 14. *	* 43. *	* 57. *	* 3. *	*E	* 0. *
	SWT0080		*	* COMMISSION	* 96 34.7 *	*	*	*	*	*N	*.20*	*.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   K A N S A S

(07/09/79)

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*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME * IDENT * NAME OF STREAM * PROJ * OWNER * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
              * NUMBER * OR RIVER * PUMP *              * LONGITUDE * AREA * INFLOW * HEAD * DAM * STORAGE * CAPACITY * ENERGY
              * (1) *              * (2) *              * (DN,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT * (3) * (3)
*****
COUNTY NAME: CHAUTAUGUA                                FERC POWER SUPPLY AREA 34    FERC REGIONAL OFFICE CODE FW
*****
TWIN CANEY '18-2 * K9U0325 * TWIN CANEY * C * SCS DQA * 37 14.2 * 28.0 * 17. * 56. * 76. * 12. * U * 0. * U * 0.
6              * SHT0083 *              * * *              * 96 20.8 * * * * * * * * * * * * * * * *
              * * *              * * *              * * *              * * *              * * *              * * *
TWIN CANEY '17-3 * K9U0326 * TWIN CANEY * C * SCS DQA * 37 11.7 * 5.0 * 4. * 35. * 47. * 1. * U * 0. * U * 0.
4              * SHT0084 *              * * *              * 96 22.4 * * * * * * * * * * * * * * * *
              * * *              * * *              * * *              * * *              * * *              * * *
SEDAN           * K9U0393 * MIDDLE CANEY CREEK * S * * * * 37 9.6 * 86.0 * 48. * 82. * 0. * 0. * U * 0. * U * 0.
              * SHT0088 * EK              * * *              * 96 16.1 * * * * * * * * * * * * * * * *
              * * *              * * *              * * *              * * *              * * *              * * *
UPPER PERY     * K9U0401 * NORTH CANEY CREEK * S * * * * 37 9.4 * 78.0 * 44. * 92. * 125. * 522. * U * 0. * U * 0.
              * SHT0089 * K              * * *              * 96 6.7 * * * * * * * * * * * * * * * *
              * * *              * * *              * * *              * * *              * * *              * * *
ELGIN RESERVOIR * K9U0444 * CHANEY RIVER * SC * BUREC * 37 1.0 * 425.0 * 345. * 103. * 140. * 489. * U * 0. * U * 0.
VERDIGRIS RIVER * SHT0082 *              * * *              * 96 20.0 * * * * * * * * * * * * * * * *
              * * *              * * *              * * *              * * *              * * *              * * *
UPPER PERU RESER * K9U0536 * NORTH CANEY CREEK * RSC * BUREC * 37 10.0 * 78.0 * 47. * 96. * 130. * 81. * U * 0. * U * 0.
VOIR           * SHT0081 * K              * * *              * 96 7.0 * * * * * * * * * * * * * * * *
              * * *              * * *              * * *              * * *              * * *              * * *
BIG CANEY SITE * K902170 * BIG CANEY * C * SCS DQA * 37 14.9 * 4.0 * 3. * 40. * 54. * 1. * E * 0. * E * 0.
26            * SHT0090 *              * * *              * 96 28.5 * * * * * * * * * * * * * * * *
              * * *              * * *              * * *              * * *              * * *              * * *
TWIN-CANEY SITE * K902197 * TR-NORTH CANEY CREEK * C * TWIN CANEY * 37 12.9 * 12.0 * 9. * 39. * 53. * 3. * E * 0. * E * 0.
16-31          * SHT0091 * REEK              * * * * ATERSHED * 96 7.8 * * * * * * * * * * * * * * * *
              * * *              * * *              * * *              * * *              * * *              * * *
TWIN-CANEY SITE * K902199 * TR-NORTH CANEY CREEK * C * TWIN CANEY * 37 13.3 * 5.0 * 4. * 35. * 47. * 1. * E * 0. * E * 0.
17-34          * SHT0092 * REEK              * * * * ATERSHED * 96 11.5 * * * * * * * * * * * * * * * *
              * * *              * * *              * * *              * * *              * * *              * * *
TWIN-CANEY SITE * K902201 * TR-NORTH CANEY CREEK * C * TWIN CANEY * 37 13.8 * 28.0 * 21. * 56. * 76. * 15. * E * 0. * E * 0.
18-26          * SHT0093 * REEK              * * * * ATERSHED * 96 10.5 * * * * * * * * * * * * * * * *
              * * *              * * *              * * *              * * *              * * *              * * *
AIKEN CREEK SITE * K902202 * AIKEN CREEK * C * SCS DQA * 37 6.1 * 11.0 * 8. * 34. * 46. * 3. * E * 0. * E * 0.
'1            * SHT0094 *              * * *              * 95 58.1 * * * * * * * * * * * * * * * *
              * * *              * * *              * * *              * * *              * * *              * * *
BIG CANEY '31   * K902222 * BIG CANEY * C * SCS DQA * 37 14.8 * 63.0 * 38. * 50. * 67. * 5. * E * 0. * E * 0.
              * SHT0095 *              * * *              * 96 34.4 * * * * * * * * * * * * * * * *
              * * *              * * *              * * *              * * *              * * *              * * *
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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   K A N S A S

(07/09/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ PURP	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA	AVERAGE ANNUAL INFLON	NET POWER OF HEAD	HEIGHT OF DAM	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
*****												
COUNTY NAME: CHAUTAUGUA					FERC POWER SUPPLY AREA 34			FERC REGIONAL OFFICE CODE FW				
*****												
CITY OF SEDAN DAM 6-28	*KS02451*	DEER CREEK	*C S	*CITY OF SEDAN	37 8.9 96 12.3	86.0*	70.*	41.*	55.*	2.*E *N	0.*E .77*N	0. 1.0
*****												
CITY OF CANEY DAM 2-6	*KS02452*	TR-CANEY CREEK	*C S	*CITY OF CANEY	37 7.3 96 1.3	14.0*	11.*	38.*	51.*	3.*E *N	0.*E .11*N	0. .1
*****												
BIG CANEY SITE 13	*KS03934*	BIG CANEY	*C	*SCS DOA	37 10.9 96 30.1	4.0*	3.*	40.*	54.*	1.*E *N	0.*E .05*N	0. .1
*****												
COUNTY NAME: CHEROKEE					FERC POWER SUPPLY AREA 34			FERC REGIONAL OFFICE CODE FW				
*****												
COW CREEK RESERVOIR	*KSU0030*	COW CREEK	*CSRO	*DAEN SWT	37 14.5 94 40.0	246.0*	235.*	42.*	57.*	95.*U *T	0.*U 1.94*T	0. 5.6
*****												
GALENA	*KSU0370*	SHOAL CREEK	*S		37 2.5 94 39.7	467.0*	447.*	100.*	135.*	439.*U *T	0.*U 6.61*T	0. 23.3
*****												
GALENA RESERVOIR	*KSU0447*	SHOAL CREEK			37 3.0 94 40.0	231.0*	221.*	100.*	135.*	159.*U *T	0.*U 3.88*T	0. 12.0
*****												
LAWTON RESERVOIR LOWER NEOSHA RIVER	*KSU0463*	LOW CREEK	*ISC	*BUREC	37 13.5 94 40.0	236.0*	175.*	37.*	50.*	190.*U *T	0.*U 1.42*T	0. 2.9
*****												
COUNTY NAME: COFFEY					FERC POWER SUPPLY AREA 34			FERC REGIONAL OFFICE CODE FW				
*****												
LONG CREEK	*KSU0383*	LONG CREEK	*S		38 13.3 95 38.4	40.0*	27.*	53.*	0.*	0.*U *T	0.*U .50*T	0. .5
*****												
TURKEY CREEK	*KSU0398*	TURKEY CREEK	*S		38 4.3 95 41.3	80.0*	57.*	58.*	75.*	165.*U *T	0.*U .82*T	0. 1.2
*****												
WOLF CREEK	*KSU0404*	WOLF CREEK	*S		38 14.2 95 42.5	23.0*	16.*	43.*	0.*	0.*U *T	0.*U .22*T	0. .3
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*****

P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   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 * * CAPACITY * * (1000 * * AC FT) *	* ENERGY * * (MW) * * (3) *	* ENERGY * * (GWH) * * (3) *
*****												
COUNTY NAME: COPPEY					FERC POWER SUPPLY AREA 34			FERC REGIONAL OFFICE CODE FW				
*****												
LONGCREEK RESERVOIR	*KSU0426*	LONG CREEK	*SC	*DAEN SWT	* 38 13.0 *	* 62.0 *	* 34. *	* 64. *	* 86. *	* 96. *	*U	0. *
	SWT0107				* 95 38.0 *						*T	.59 *T
*****												
WOLF CREEK RESERVOIR	*KSU0452*	WOLF CREEK	*CS	*BUREC	* 38 14.0 *	* 23.0 *	* 13. *	* 44. *	* 60. *	* 32. *	*U	0. *
	SWT0108				* 95 42.8 *						*T	.15 *T
*****												
TURKEY CREEK RESERVOIR	*KSU0456*	TURKEY CREEK	*SC	*BUREC	* 38 5.0 *	* 80.0 *	* 40. *	* 59. *	* 80. *	* 428. *	*U	0. *
	SWT0109				* 96 42.0 *						*T	.49 *T
*****												
LEROY RESERVOIR	*KSU0464*	BIG CREEK	*SC	*BUREC	* 38 6.0 *	* 125.0 *	* 89. *	* 59. *	* 80. *	* 180. *	*U	0. *
	SWT0110				* 94 44.0 *						*T	1.20 *T
*****												
LONG CREEK RESERVOIR	*KSU0465*	LONG CREEK	*SC	*BUREC	* 38 13.0 *	* 40.0 *	* 22. *	* 59. *	* 80. *	* 57. *	*U	0. *
	SWT0111				* 95 38.0 *						*T	.35 *T
*****												
LEROY RESERVOIR	*KSU0515*	BIG CREEK	*SC	*DAEN SWT	* 38 6.0 *	* 138.0 *	* 98. *	* 64. *	* 87. *	* 231. *	*U	0. *
	SWT0112				* 94 44.0 *						*T	1.36 *T
*****												
JOHN REDMOND RESERVOIR	*KSU00004*	NEOSHO	*C S R	*DAEN SWT	* 38 14.5 *	* 3015.0 *	* 1374. *	* 54. *	* 73. *	* 645. *	*E	0. *
	SWT0113				* 95 45.3 *						*N	33.36 *N
*****												
COUNTY NAME: COMANCHE					FERC POWER SUPPLY AREA 29			FERC REGIONAL OFFICE CODE FW				
*****												
EVANSVILLE RESERVOIR	*KSU0045*	SALT FORK ARKANSAS RIVER			* 37 12.0 *	* 369.0 *	* 57. *	* 90. *	* 140. *	* 0. *	*U	0. *
	SWT0114				* 99 2.0 *						*T	1.14 *T
*****												
EVANSVILLE	*KSU0366*	SALT FORK ARKANSAS RIVER			* 37 7.1 *	* 311.0 *	* 31. *	* 69. *	* 0. *	* 0. *	*U	0. *
	SWT0115				* 99 2.9 *						*T	.40 *T
*****												
EVANSVILLE RESERVOIR	*KSU0431*	SALT FORK ARKANSAS RIVER	*C	*SCS DNA	* 37 12.0 *	* 369.0 *	* 34. *	* 60. *	* 81. *	* 165. *	*U	0. *
	SWT0116				* 99 2.0 *						*T	.21 *T
*****												
EVANSVILLE RESERVOIR	*KSU0471*		*C	*DAEN SWT	* 37 18.0 *	* 368.0 *	* 33. *	* 103. *	* 140. *	* 165. *	*U	0. *
	SWT0117				* 98 8.0 *						*T	.36 *T
*****												

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 KANSAS

(07/09/79)

*****											
PROJECT NAME	* IDENT * NUMBER	* NAME OF STREAM * OR RIVER	* PROJ * PURP	* OWNER	*LATITLDE * LONGITUDE	* DRAINAGE * AREA	* AVERAGE * ANNUAL INFLOW	* NET * POWER	* HEIGHT * OF DAM	* MAXIMUM * STORAGE	* ENERGY * CAPACITY
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)	(3) (3)
*****											
COUNTY NAME: COWLEY					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FW				
*****											
DEXTER RESERVOIR	*KSU0034*	GROUSE CREEK	*	*	* 37 14.0 *	175.0*	98.*	97.*	111.*	0.*U	0.*U
	SWT0118		*	*	* 96 42.0 *					*T	1.84*T
SILVERDALE RESERVOIR	*KSU0076*	SILVER CREEK	*	*	* 37 8.0 *	72.0*	44.*	75.*	75.*	0.*U	0.*U
	SWT0119		*	*	* 96 51.2 *					*T	.76*T
WILMONT RESERVOIR	*KSU0088*	TIMBER CREEK	*	*	* 37 22.0 *	150.0*	91.*	68.*	68.*	0.*U	0.*U
	SWT0120		*	*	* 96 48.0 *					*T	1.13*T
WINGATE RESERVOIR	*KSU0090*	ROCK CREEK	*ICS	*DAEN SWT	* 37 28.5 *	79.0*	40.*	48.*	65.*	44.*U	0.*U
	SWT0121		*	*	* 96 52.5 *					*T	.39*T
AKRON	*KSU0335*	WALNUT RIVER	*S	*	* 37 19.9 *	1612.0*	697.*	65.*	78.*	533.*U	0.*U
	SWT0122		*	*	* 97 2.1 *					*T	3.25*T
ARKANSAS CITY	*KSU0338*	WALNUT RIVER	*S	*	* 37 5.8 *	1968.0*	851.*	51.*	62.*	139.*U	0.*U
	SWT0123		*	*	* 97 1.0 *					*T	3.04*T
GROUSE CREEK	*KSU0372*	GROUSE CREEK	*S	*	* 37 19.7 *	135.0*	82.*	101.*	136.*	430.*U	0.*U
	SWT0124		*	*	* 96 40.7 *					*T	1.49*T
SILVERDALE	*KSU0395*	SILVER CREEK	*S	*	* 37 6.1 *	78.0*	36.*	81.*	110.*	82.*U	0.*U
	SWT0125		*	*	* 96 51.9 *					*T	.83*T
GROUSE CREEK RESERVOIR	*KSU0432*	GROUSE CREEK	*C	*SCS DOA	* 37 7.0 *	110.0*	67.*	54.*	72.*	107.*U	0.*U
	SWT0126		*	*	* 96 41.0 *					*T	.78*T
SILVERDALE RESERVOIR	*KSU0459*	SILVER CREEK	*CS	*DAEN SWT	* 37 8.0 *	72.0*	44.*	55.*	75.*	33.*U	0.*U
	SWT0127		*	*	* 96 51.2 *					*T	.62*T
BROWN WEST RESERVOIR	*KSU0470*		*C	*DAEN SWT	* 37 7.0 *	110.0*	185.*	81.*	110.*	107.*U	0.*U
	SWT0128		*	*	* 86 44.0 *					*T	2.89*T
SILVERDALE RESERVOIR	*KSU0475*	GROUSE CREEK	*C	*DAEN SWT	* 37 14.0 *	175.0*	98.*	94.*	111.*	165.*U	0.*U
	SWT0129		*	*	* 96 42.0 *					*T	1.79*T
*****											
LEGEND											

L E G E N D

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*****

(07/09/79)

LEGEND

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

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER *	* NAME OF STREAM OR RIVER	* PROJ * * PUMP *	* OWNER	* LATITUDE * LONGITUDE *	* DRAINAGE * AREA *	* AVERAGE * ANNUAL INFLGW *	* NET * HEAD *	* HEIGHT * DAM *	* MAXIMUM * (1000 * * (MW) *	* ENERGY * (GWH) *
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	AC FT)	(3)
*****											
COUNTY NAME: ELK											
*****											
FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE FW											
*****											
LOWER ELK '15	*KSU049A*	LOWER ELK RIVER	*C	*SCS DDA	* 37 27.3 *	7.0*	5. *	35. *	47. *	2. *U	0. *U
	SWT0145				* 96 10.0 *					*T	.05*T
											.1
LOWER ELK '16	*KSU0499*	LOWER ELK RIVER	*C	*SCS DDA	* 37 20.2 *	8.0*	6. *	37. *	50. *	2. *U	0. *U
	SWT0146				* 96 11.0 *					*T	.06*T
											.1
LOWER ELK '18	*KSU0500*	LOWER ELK RIVER	*C	*SCS DDA	* 37 22.5 *	9.0*	7. *	48. *	65. *	3. *U	0. *U
	SWT0147				* 96 20.1 *					*T	.09*T
											.1
ELK RIVER 35	*KS02272*	UPPER ELK RIVER	*C	*SCS DDA	* 37 33.8 *	56.0*	35. *	40. *	54. *	2. *E	0. *E
	SWT0148				* 96 26.6 *					*N	.41*N
											.6
ELK RIVER 36	*KS02273*	UPPER ELK RIVER	*C	*SCS DDA	* 37 34.7 *	48.0*	33. *	40. *	54. *	2. *E	0. *E
	SWT0149				* 96 27.9 *					*N	.42*N
											.6
ELK RIVER WATERS	*KS0394*	TR PAINTERHODD C	*C	*ELK RIVER WS	* 37 27.3 *	78.0*	47. *	30. *	41. *	1. *E	0. *E
HED DAM 6	*SWT0151*	REEK		* 2047	* 96 .4 *					*N	.31*N
											.5
*****											
COUNTY NAME: ELLSORTH											
*****											
FERC POWER SUPPLY AREA 29 FERC REGIONAL OFFICE CODE CH											
*****											
KANOPOLIS LAKE	*KS00005*	SMOKY HILL RIVER	*CRI	*DAEN MRK	* 38 37.3 *	7660.0*	259. *	75. *	102. *	869. *E	0. *E
	MRK0020				* 97 58.2 *					*N	3.00*N
											6.9
*****											
COUNTY NAME: FRANKLIN											
*****											
FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE CH											
*****											
OTTAWA STORAGE D	*KS02474*	MARIAS DES CYGNE	*S		* 38 37.2 *	1187.0*	605. *	8. *	9. *	0. *E	0. *E
AM NO 1	*MRK0021*	S RIVER			* 95 19.8 *					*N	.60*N
											1.3
OTTAWA STORAGE D	*KS02475*	MARIAS DES CYGNE	*S		* 38 35.2 *	1044.0*	533. *	8. *	9. *	0. *E	0. *E
AM NO 2	*MRK0022*	S RIVER			* 95 25.3 *					*N	.55*N
											1.2
OTTAWA WATERWORK	*KS02476*	MARIAS DES CYGNE	*S		* 38 37.2 *	1230.0*	627. *	11. *	13. *	0. *E	0. *E
S DAM	*MRK0023*	S RIVER			* 95 17.6 *					*N	.96*N
											2.0
*****											

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*****

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF KANSAS

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (D.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: GEARY FERC POWER SUPPLY AREA 29 FERC REGIONAL OFFICE CODE CH
*****
HUMBOLDT DAMSITE *KSU0107*CLARKS CREEK * * * 39 4.5 * 243.0* 72.* 86.* 116.* 257.*U 0.*U 0.
*MRK0024* * * * 96 12.0 * * * *T 1.89*T 3.3
WOODBINE DAMSITE *KSU0114*LYON CREEK *CSO * * 38 52.0 * 213.0* 58.* 60.* 81.* 226.*U 0.*U 0.
*MRK0025* * * * 96 55.5 * * * *T 1.39*T 1.9
MILFORD LAKE *KS00008*REPUBLICAN RIVER*CS *DAEN MRK * 39 5.0 * 17388.0* 1021.* 89.* 121.* 753.*E 0.*E 0.
*MRK0026* * * * 96 53.4 * * * *N 18.48*N 38.4
*****
COUNTY NAME: GRANT FERC POWER SUPPLY AREA 29 FERC REGIONAL OFFICE CODE FW
*****
MOSCOW *KSU0388*CIMARRON RIVER *S * * 37 25.0 * 3886.0* 41.* 66.* 88.* 422.*U 0.*U 0.
*SWT0152* * * * 101 6.4 * * * *T .39*T 1.6
SANTANTA RESERVOIR *KSU0531*CIMARRON RIVER *CSO *DAEN SWT * 37 25.3 * 3872.0* 46.* 90.* 122.* 270.*U 0.*U 0.
*SWT0153* * * * 101 6.8 * * * *T .41*T .9
SANTANTA RESERVOIR *KSU1101*CIMARRON RIVER *CSO *DAEN SWT * 37 53.0 * 3872.0* 125.* 90.* 122.* 270.*U 0.*U 0.
*SWT0154* * * * 102 8.0 * * * *T 1.99*T 3.2
*****
COUNTY NAME: GREENWOOD FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE FW
*****
FALL 'S-1 *KSU0317*FALL RIVER *C *SCS DOA * 37 45.9 * 18.0* 14.* 41.* 56.* 5.*U 0.*U 0.
*SWT0155* * * * 96 15.3 * * * *T .16*T .2
FALL 'S-6 *KSU0319*FALL RIVER *C *SCS DOA * 37 45.5 * 15.0* 9.* 41.* 55.* 2.*U 0.*U 0.
*SWT0156* * * * 96 24.0 * * * *T .07*T .1
FALL 'W-7 *KSU0320*FALL RIVER *C *SCS DOA * 37 59.3 * 15.0* 9.* 77.* 77.* 0.*U 0.*U 0.
*SWT0157* * * * 96 22.1 * * * *T .14*T .2
CLIMAX RESERVOIR *KSU0415*OTTER CREEK *ISC *BUREC * 37 41.5 * 96.0* 93.* 89.* 120.* 131.*U 0.*U 0.
VIDDIGRIS RIVER *SWT0158* * * * 90 17.5 * * * *T 2.24*T 3.7
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P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   K 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 * (CFS)	* NET * * POWER * (FT)	* HEIGHT * * OF * (FT)	* MAXIMUM * * STORAGE * (1000 AC FT)	* CAPACITY * * (MW) * (3)	* ENERGY * * (GWH) * (3)
COUNTY NAME: KINGMAN					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FW					
CUNNINGHAM RESERVOIR	*KSU0031*	*SOUTH FORK NINNE*	*CS	*DAEN S&T	* 37 39.0 * * 98 22.0 *	* 231.0 *	* 28. * * 59. *	* 91. *	* 0. * * 0.49 * * T	* 0. * * 0.49 * * T	* 0. *	* 0.6 *
MURDOCK RESERVOIR	*KSU0069*	*SOUTH FORK	*CS	*DAEN S&T	* 31 32.5 * * 97 52.0 *	* 630.0 *	* 193. * * 53. *	* 72. *	* 120. * * 0. * * T	* 0. * * 1.62 * * T	* 0. *	* 5.5 *
SPIVEY RESERVOIR	*KSU0077*	*SAND CREEK	*S	*S	* 37 27.0 * * 98 7.0 *	* 145.0 *	* 44. * * 51. *	* 89. *	* 0. * * 0.41 * * T	* 0. * * 0.41 * * T	* 0. *	* 1.2 *
NORWICH	*KSU0389*	*SOUTH FORK NINNE*	*S	*S	* 37 32.5 * * 97 52.1 *	* 555.0 *	* 170. * * 63. *	* 84. *	* 374. * * 0. * * T	* 0. * * 1.75 * * T	* 0. *	* 5.8 *
KINGMAN RESERVOIR	*KSU0433*	*SOUTH FORK NINNE*	*C	*S&S DGA	* 37 38.0 * * 98 10.0 *	* 514.0 *	* 157. * * 52. *	* 67. *	* 181. * * 0. * * T	* 0. * * 1.32 * * T	* 0. *	* 4.4 *
RESERVOIR	*KSU0476*	*SOUTH FORK NINNE*	*C	*DAEN S&T	* 37 33.0 * * 97 51.0 *	* 650.0 *	* 59. * * 72. *	* 97. *	* 238. * * 0. * * T	* 0. * * 1.81 * * T	* 0. *	* 2.0 *
KILLIAN RESERVOIR	*KSU0480*	*SOUTH FORK NINNE*	*C	*DAEN S&T	* 31 38.0 * * 98 10.0 *	* 514.0 *	* 157. * * 76. *	* 103. *	* 195. * * 0. * * T	* 0. * * 1.99 * * T	* 0. *	* 6.5 *
COUNTY NAME: LABETTE					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FW					
BIG HILL RESERVOIR	*KSU0015*	*BIG HILL CREEK	*CSR	*DAEN S&T	* 37 15.0 * * 95 29.0 *	* 37.0 *	* 28. * * 61. *	* 83. *	* 41. * * 0. * * N	* 0. * * 0.48 * * N	* 0. *	* 0.5 *
ANGOLA	*KSU0337*	*PUMPKIN CREEK	*S	*S	* 37 5.0 * * 95 30.5 *	* 103.0 *	* 76. * * 40. *	* 0. *	* 0. * * 0.85 * * T	* 0. * * 0.85 * * T	* 0. *	* 0.9 *
BIG HILL RESERVOIR	*KSU0418*	*BIG HILL CREEK	*CSR	*CEAN S&T	* 37 15.0 * * 85 29.0 *	* 37.0 *	* 48. * * 61. *	* 83. *	* 41. * * 0. * * N	* 0. * * 0.89 * * N	* 0. *	* 1.6 *
BARTLETT RESERVOIR OF LOWER NEOS	*KSU0419*	*HACKBERRY CREEK	*SC	*EUREC	* 37 6.0 * * 95 12.0 *	* 103.0 *	* 76. * * 59. *	* 80. *	* 200. * * 0. * * T	* 0. * * 1.17 * * T	* 0. *	* 1.3 *
L E G E N D												

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LABETTE FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE FW
*****
ANGOLA RESERVOIR *KSU0422* PUMKIN CREEK *SC *BURCE * 37 5.5 * 103.0 * 76. * 38. * 52. * 45. *U 0. *U 0.
OF VERDIGDIS RI *SWT0178 * * * * 95 30.5 * * * * * * *T .82 *T .9
*****
COUNTY NAME: LEAVENWORTH FERC POWER SUPPLY AREA 29 FERC REGIONAL OFFICE CODE CH
*****
EDWARDSVILLE DAM *KSU0093* KANSAS RIVER *H * * * 39 4.0 * 5980.0 * 6865. * 35. * 35. * 0. *U 0. *U 0.
*MRK0029 * * * * 94 50.0 * * * * * *T 44.57 *T 54.7
*****
COUNTY NAME: LINN FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE CH
*****
LA CYGNE LAKE *KS01305* ELM CREEK *S *KCPL CO AND * 38 29.3 * 30.0 * 13. * 27. * 37. * 60. *E 0. *E 0.
*MRK0030 * * * * 94 39.3 * * * * * *N .09 *N .1
*****
COUNTY NAME: LYON
*****
*KSU0482 * *C *SCSDQA * 38 11.9 * 6.0 * 124. * 27. * 37. * 2. *U 0. *U 0.
*SWT3884 * * * * 92 17.7 * * * * * *T .78 *T 1.3
*KSU0483 * *C *SCS DUA * 0 0. * 8.0 * 124. * 31. * 42. * 2. *U 0. *U 0.
*SWT3885 * * * * 0 0. * * * * * *T .88 *T 1.5
UPPER VERDIGRIS *KSU0484* UPPER VERDIGRIS *C *SCS DUA * 38 16.0 * 5.0 * 124. * 27. * 37. * 1. *U 0. *U 0.
SITE '3-1 *SWT3886 * * * * 96 15.0 * * * * * *T .78 *T 1.3
*****
COUNTY NAME: MARION FERC POWER SUPPLY AREA 29 FERC REGIONAL OFFICE CODE FW
*****
CLEAR RESERVOIR *KSU0023* CLEAR CREEK *CS *DAEN SWT * 38 25.0 * 64.0 * 32. * 67. * 90. * 128. *U 0. *U 0.
*SWT0181 * * * * 96 59.0 * * * * * *T .44 *T .8
CANADA *KSU0347* SOUTH COTTONWOOD *S * * * 38 20.7 * 114.0 * 49. * 39. * 0. * 0. *U 0. *U 0.
*SWT0182* RIVER * * * * 97 5.4 * * * * * *T .95 *T 1.0
*****

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L E G E N D

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

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF KANSAS

(07/09/79)

PROJECT NAME	* IDENT * NUMBER	* NAME OF STREAM * OR RIVER	* PROJ * PURP	* OWNER	* LATITUDE * * LONGITUDE *	* DRAINAGE * AREA	* AVERAGE * ANNUAL * POWER * INFLOW	* NET * HEAD	* HEIGHT * DAM	* MAXIMUM * (1000 * AC FT)	* STORAGE * CAPACITY * (3)	* ENERGY * (GWH)
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)			
COUNTY NAME: MARION					FERC POWER SUPPLY AREA 29			FERC REGIONAL OFFICE CODE FM				
CLEAR CREEK	*KSU0350*	CLEAR CREEK	*S		* 38 23.3 *	64.0*	28.*	64.*	0.*	0.*U	0.*U	0.
	SWT0183				* 96 59.7 *					*T	1.01*T	1.0
LUTA	*KSU0385*	BROOK LUTA	*S		* 38 22.2 *	91.0*	39.*	60.*	0.*	0.*U	0.*U	0.
	SWT0184				* 97 1.7 *					*T	1.13*T	1.2
CANADA RESERVOIR	*KSU0434*	SOUTH COTTONWOOD	*SIC	*BUREC	* 38 20.2 *	114.0*	57.*	37.*	50.*	42.*U	0.*U	0.
UPPER NEOSHA RIVER	*SWT0185*	CREEK			* 97 7.0 *					*T	.43*T	.8
DOYLE RESERVOIR	*KSU0441*	DOYLE CREEK	*SC	*BUREC	* 38 14.0 *	136.0*	66.*	67.*	90.*	142.*U	0.*U	0.
UPPER NEOSHA RIVER	*SWT0186*				* 96 56.3 *					*T	.93*T	1.6
SEDAN RESERVOIR	*KSU0457*	MIDDLE CHANEY CR	*SC	*BUREC	* 37 9.5 *	86.0*	50.*	118.*	160.*	89.*U	0.*U	0.
VERDIGRIS RIVER	*SWT0187*	ECK			* 97 15.5 *					*T	1.69*T	2.6
LUTA RESERVOIR	*KSU0461*	MUD CREEK	*ISC	*BUREC	* 38 23.0 *	91.0*	44.*	52.*	70.*	128.*U	0.*U	0.
UPPER NEOSHA RIVER	*SWT0188*				* 97 2.0 *					*T	.58*T	.8
HILLSBORO RESERVOIR	*KSU0525*	SOUTH FORK COTTONWOOD	*CSO	*DAEN SWT	* 38 13.6 *	57.0*	29.*	61.*	82.*	93.*U	0.*U	0.
DIR	*SWT0189*	NWOOD RIVER			* 97 14.0 *					*T	.36*T	.6
HILLSBORO RESERVOIR	*KSU1110*	SOUTH FORK COTTONWOOD	*CSO	*DAEN SWT	* 38 13.6 *	57.0*	29.*	61.*	82.*	93.*U	0.*U	0.
DIR	*SWT0190*	NWOOD RIVER			* 97 49.0 *					*T	.36*T	.6
DOYLE RESERVOIR	*KSU1114*	DOYLE CREEK	*CSO	*DAEN SWT	* 38 12.9 *	127.0*	64.*	84.*	113.*	193.*U	0.*U	0.
	SWT0191				* 96 58.0 *					*T	1.09*T	1.9
MARION LAKE	*KS00006*	COTTONWOOD RIVER	*CS	*DAEN SWT	* 38 22.0 *	200.0*	110.*	43.*	58.*	147.*E	0.*E	0.
	SWT0192				* 97 5.6 *					*N	.92*N	1.3
COUNTY NAME: MARSHALL					FERC POWER SUPPLY AREA 29			FERC REGIONAL OFFICE CODE CH				
BLUE RIVER DAM	*KSU0098*	BLUE RIVER	*H	*MARYSVILLE,	* 39 50.0 *	4777.0*	813.*	14.*	14.*	0.*U	0.*U	0.
	MRK0031			*KANSAS	* 96 39.8 *					*T	.79*T	3.5

LEGEND

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

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

(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)	* CAPACITY (MW)	* ENERGY (GWH)
	(1)		(2)		(DM,M)	(SQ MI)	(CF9)	(FT)	(FT)		(3)	(3)
*****												
COUNTY NAME: MEADE					FERC POWER SUPPLY AREA 29			FERC REGIONAL OFFICE CODE FW				
*****												
LAKELAND	*KSU0380*	CROOKED CREEK	*S	*	* 37 1.6 *	* 813.0 *	* 30. *	* 90. *	* 122. *	* 361. *U	* 0. *U	* 0. *
	SWT0194		*	*	* 100 10.8 *	* *	* *	* *	* *	* *T	* .64 *T	* 1.0 *
LAKELAND RESERVOIR	*KSU0462*	CROOKED CREEK	*SC	*BUREC	* 37 7.6 *	* 813.0 *	* 30. *	* 96. *	* 130. *	* 71. *U	* 0. *U	* 0. *
EASTERN CIMARRON	*SWT0195*		*	*	* 100 23.0 *	* *	* *	* *	* *	* *T	* .68 *T	* 1.1 *
COUNTY NAME: MIAMI					FERC POWER SUPPLY AREA 34			FERC REGIONAL OFFICE CODE CH				
*****												
HILLSDALE LAKE	*KSU0099*	RIG BULL CREEK	*CSR	*DAEN MRK	* 38 39.5 *	* 144.0 *	* 104. *	* 71. *	* 96. *	* 313. *U	* 0. *U	* 0. *
	MRK0032		*	*	* 94 54.0 *	* *	* *	* *	* *	* *T	* 1.64 *T	* 3.1 *
COUNTY NAME: MITCHELL					FERC POWER SUPPLY AREA 29			FERC REGIONAL OFFICE CODE CH				
*****												
WACONDA LAKE AND GLEN ELDER DAM	*KS00021*	SOLOMON RIVER	*ICSR	*DOI USBR	* 39 29.8 *	* 5076.0 *	* 272. *	* 78. *	* 105. *	* 1129. *E	* 0. *E	* 0. *
	MRK0033		*	*	* 98 18.8 *	* *	* *	* *	* *	* *N	* 3.47 *N	* 9.2 *
BELOIT MUNICIPAL DAM	*KS02508*	SOLOMON RIVER	*S	*CITY OF BELOIT	* 39 27.5 *	* 5398.0 *	* 450. *	* 18. *	* 21. *	* 0. *E	* 0. *E	* 0. *
	MRK0034		*	*IT	* 98 8.8 *	* *	* *	* *	* *	* *N	* 1.14 *N	* 2.5 *
COUNTY NAME: MONTGOMERY					FERC POWER SUPPLY AREA -0			FERC REGIONAL OFFICE CODE FW				
*****												
SYCAMORE RESERVOIR	*KSU1100*	VERDIGRIS RIVER	*CS	*DAEN SWT	* 37 18.0 *	* 2175.0 *	* 1253. *	* 59. *	* 80. *	* 756. *U	* 0. *U	* 0. *
	SWT0201		*	*	* 95 40.6 *	* *	* *	* *	* *	* *T	* 32.66 *T	* 40.1 *
ELK CITY LAKE	*KS00002*	ELK RIVER	*C S	*DAEN SWT	* 37 16.9 *	* 634.0 *	* 274. *	* 61. *	* 83. *	* 291. *E	* 0. *E	* 0. *
	SWT0202		*	*	* 96 47.0 *	* *	* *	* *	* *	* *N	* 2.53 *N	* 5.2 *
BEE CREEK SITE I-1-75	*KS02395*	BEE CREEK	*C	*SCS DUA	* 37 6.3 *	* 16.0 *	* 12. *	* 27. *	* 37. *	* 2. *E	* 0. *E	* 0. *
	SWT0203		*	*	* 95 55.1 *	* *	* *	* *	* *	* *N	* .07 *N	* .1 *
*****												
L E G E N D												

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P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   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 INFLUW (CFS)	* NET POWER HEAD (FT)	* HEIGHT OF DAM (FT)	* MAXIMUM STORAGE (1000 AC FT)	* CAPACITY (MW) (3)	* ENERGY (GWH) (3)
*****												
COUNTY NAME: MORRIS					FERC POWER SUPPLY AREA 34			FERC REGIONAL OFFICE CODE FW				
*****												
HOUCKE	*KSU0375*	FOUR MILE CREEK	*S	*	* 38 36.7 *	59.0*	30.*	64.*	85.*	146.*U	0.*U	0.*
	SWT0204		*	*	* 96 29.1 *					*T	.63*T	.7
BUSHONG RESERVOIR	*KSU0421*	ROCK CREEK	*SIC	*BUREC	* 37 27.0 *	188.0*	114.*	96.*	130.*	220.*U	0.*U	0.*
R UPPER NEOSHO	*R*SWT0205*		*	*	* 96 59.0 *					*T	1.80*T	3.2
UPPER BUSHONG RESERVOIR	*KSU0533*	ROCK CREEK	*CSD	*DAEN SWT	* 38 38.4 *	108.0*	54.*	72.*	98.*	178.*U	0.*U	0.*
	SWT0206		*	*	* 96 22.2 *					*T	1.06*T	1.3
UPPER HOUCKE RESERVOIR	*KSU0534*	FOUR MILE CREEK	*CSD	*DAEN SWT	* 38 37.4 *	63.0*	35.*	75.*	102.*	106.*U	0.*U	0.*
	SWT0207		*	*	* 96 29.0 *					*T	.57*T	.8
UPPER HOUCKE RESERVOIR	*KSU1117*	FOUR MILE CREEK	*CSD	*DAEN SWT	* 38 37.4 *	63.0*	32.*	75.*	102.*	106.*U	0.*U	0.*
	SWT0208		*	*	* 96 29.0 *					*T	.49*T	.9
COUNCIL GROVE LAKE	*KS00001*	NEOSHO RIVER	*C S R	*DAEN SWT	* 38 41.2 *	246.0*	123.*	60.*	81.*	231.*E	0.*E	0.*
	SWT0209		*D	*	* 96 30.0 *					*N	1.48*N	2.2
LAKE KAHOLA DAM	*KS02511*	INDIAN CREEK	*S R	*CITY OF EMP	* 38 31.5 *	14.0*	8.*	45.*	56.*	8.*E	0.*E	0.*
	SWT0210		*	*HIA-LYON CO	* 96 24.8 *					*N	.08*N	.1
*****												
COUNTY NAME: NEMAH					FERC POWER SUPPLY AREA 29			FERC REGIONAL OFFICE CODE CH				
*****												
DUBOIS RES	*KSU0102*	TURKEY CREEK	*	*	* 39 59.1 *	19.0*	22.*	52.*	71.*	85.*U	0.*U	0.*
	MRK0035		*	*	* 96 2.1 *					*T	.16*T	.2
*****												
COUNTY NAME: NEOSHO					FERC POWER SUPPLY AREA 34			FERC REGIONAL OFFICE CODE FW				
*****												
CHANUTE	*KSU0349*	BIG CREEK	*S	*	* 37 41.8 *	83.0*	59.*	60.*	79.*	234.*U	0.*U	0.*
	SWT0196		*	*	* 95 18.8 *					*T	.90*T	1.2
ERIE	*KSU0365*	CANVILLE CREEK	*S	*	* 37 39.2 *	53.0*	19.*	48.*	65.*	81.*U	0.*U	0.*
	SWT0197		*	*	* 95 14.4 *					*T	.75*T	.7
*****												
LEGEND												

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*****

P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   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 (CF8)	* NET * POWER * HEAD (FT)	* HEIGHT * OF DAM (FT)	* MAXIMUM * STORAGE (1000 AC FT)	* CAPACITY * (MWH) (3)	* ENERGY * (BWH) (3)
*****												
COUNTY NAME: NEOSHO					FERC POWER SUPPLY AREA 34		FERC REGIONAL OFFICE CODE FW					
*****												
PARSONS	*KSU0390* *SWT0199*	LABETTE CREEK	*S	*PARSONS	* 37 24.3 * * 95 20.2 *	37.0*	28.*	36.*	0.*	0.*U *T	0.*U .28*T	0.* .3
*****												
CHANUTE RESERVOIR R LOWER NEOSHAR	*KSU0414* *SWT0211*	BIG CREEK	*STC	*BUREC	* 37 41.5 * * 95 19.0 *	83.0*	50.*	59.*	80.*	161.*U *T	0.*U .70*T	0.* 1.0
*****												
ERIE RESERVOIR OWNER NEOSHA RIVE	*KSU0425* *SWT0212*	CHANVILLE CREEK	*ISC	*DAEN SWT	* 37 39.0 * * 96 14.5 *	46.0*	28.*	56.*	76.*	71.*U *T	0.*U .40*T	0.* .5
*****												
ERIE RESERVOIR OWNER NEOSHA RIVE	*KSU0443* *SWT0213*	CHANVILLE CREEK	*ISC	*BUREC	* 37 39.0 * * 96 14.5 *	53.0*	32.*	74.*	100.*	53.*U *T	0.*U .61*T	0.* .8
*****												
BIG CREEK RESERVOIR	*KSU0522* *SWT0214*	BIG CREEK	*CSD	*DAEN SWT	* 37 41.7 * * 95 18.8 *	96.0*	58.*	48.*	65.*	162.*U *T	0.*U .66*T	0.* .9
*****												
LOWER ERIE RESERVOIR	*KSU0528* *SWT0215*	CANVILLE CREEK	*CSD	*DAEN SWT	* 37 35.4 * * 95 17.3 *	119.0*	88.*	64.*	86.*	203.*U *T	0.*U 1.34*T	0.* 1.6
*****												
LOWER URBANA RESERVOIR	*KSU0529* *SWT0216*	ELK CREEK	*CSD	*DAEN SWT	* 37 35.2 * * 95 20.5 *	43.0*	32.*	55.*	75.*	68.*U *T	0.*U .50*T	0.* .5
*****												
LOWER URBANA RESERVOIR	*KSU1105* *SWT0217*	ELK CREEK	*CSD	*DAEN SWT	* 37 35.2 * * 95 20.5 *	43.0*	32.*	53.*	72.*	68.*U *T	0.*U .48*T	0.* .5
*****												
BIG CREEK RESERVOIR	*KSU1107* *SWT0218*	BIG CREEK	*CSD	*DAEN SWT	* 37 41.7 * * 95 18.8 *	46.0*	28.*	48.*	65.*	162.*U *T	0.*U .34*T	0.* .5
*****												
LAKE PARSONS	*KS02514* *SWT0200*	LABETTE CREEK	*S	*CITY OF PARS *UNS	* 37 24.3 * * 95 19.9 *	39.0*	40.*	33.*	45.*	25.*E *N	0.*E .48*N	0.* .4
*****												
COUNTY NAME: NESS					FERC POWER SUPPLY AREA 29		FERC REGIONAL OFFICE CODE FW					
*****												
NESS CITY DAM	*KSU0124* *SWA0053*	WALNUT CREEK			* 38 24.4 * * 99 48.0 *	890.0*	58.*	65.*	88.*	288.*U *T	0.*U .29*T	0.* .3
*****												

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*****

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: NEOSHO FERC POWER SUPPLY AREA 29 FERC REGIONAL OFFICE CODE FW
*****
WET WALNUT NO 4 *K9U0216*NORTH FORK WALNUT * * * 38 31.2 * 284.0 * 6. * 48. * 65. * 30. *U 0. *U 0.
SITE 46 *SWA0054*T CREEK * * * 100 6.7 * * * * * *T .07*T .1
*****
COUNTY NAME: NORTON FERC POWER SUPPLY AREA 29 FERC REGIONAL OFFICE CODE CH
*****
NORTON RESERVOIR *KS00024*PRAIRIE DOG CREEK *ICSR *DOI USBR * 39 48.4 * 688.0 * 12. * 70. * 95. * 193. *E 0. *E 0.
*MRK0036*K * * * 99 56.1 * * * * * *N .20*N .3
*****
COUNTY NAME: OSAGE FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE CH
*****
MELVERN LAKE *KS00007*MARAI DES CYGNE *CR *DAEN HRK * 38 30.9 * 349.0 * 196. * 84. * 113. * 652. *E 0. *E 0.
*MRK0037*S * * * 95 42.3 * * * * * *N 2.69*N 4.5
*****
POMONA LAKE *KS00010*HUNDRED TEN MILE *CRS *DAEN HRK * 38 39.1 * 322.0 * 169. * 84. * 113. * 503. *E 0. *E 0.
*MRK0038* CREEK * * * 95 33.4 * * * * * *N 2.56*N 4.2
*****
COUNTY NAME: OSBORNE FERC POWER SUPPLY AREA 29 FERC REGIONAL OFFICE CODE CH
*****
OSBORNE DIVERSION *KS02521* SOUTH FORK. SOLOMON *S *CITY OF OSBORNE * 39 25.9 * 1980.0 * 134. * 10. * 12. * 0. *E 0. *E 0.
N DAM *MRK0039*ON RIVER * *RNE * 98 43.0 * * * * * *N .21*N .4
*****
COUNTY NAME: PHILLIPS FERC POWER SUPPLY AREA 29 FERC REGIONAL OFFICE CODE CH
*****
KIRWIN RESERVOIR *KS00022*NORTH FORK SOLOMON *ICR *DOI USBR * 39 39.8 * 1367.0 * 39. * 84. * 113. * 513. *E 0. *E 0.
*MRK0040*ON RIVER * * * 99 7.5 * * * * * *N .90*N 1.5
*****
COUNTY NAME: POTTAWATOMIE FERC POWER SUPPLY AREA 29 FERC REGIONAL OFFICE CODE CH
*****
CAMP CREEK DAMS *KSU0101*ROCK CREEK * * * 39 19.8 * 135.0 * 50. * 45. * 61. * 174. *U 0. *U 0.
TE *MRK0041* * * * 96 22.5 * * * * * *T .60*T .9
*****
L E G E N D

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF KANSAS

(07/09/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
*  IDENT * NAME OF STREAM * PROJ *      *      *      *      *      *      *      *      *      *
*  NUMBER * OR RIVER      * PURP * OWNER *      *      *      *      *      *      *      *      *
*  (1)    *              * (2)    *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: POTTAWATOMIE      FERC POWER SUPPLY AREA 24      FERC REGIONAL OFFICE CODE CH
*****
DNAGA DAMSITE *KSU0109*VERMILLION CREEK*CSO *      *      *      *      *      *      *      *
*MRK0042*      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: RAWLINS      FERC POWER SUPPLY AREA 24      FERC REGIONAL OFFICE CODE CH
*****
HERNDON DAMSITE *KSU0106*BEAVER CREEK *      *      *      *      *      *      *      *
*MRK0043*      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: RENO      FERC POWER SUPPLY AREA -0      FERC REGIONAL OFFICE CODE FW
*****
ARLINGTON RESERV *KSU0011*NORTH FORK NINNE *      *      *      *      *      *      *      *
OIR *SWT0219*SCAH RIVER *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *
PRETTY PRAIRIE *KSU0391*NORTH FORK NINNE*S *      *      *      *      *      *      *      *
*SWT0220*SCAH RIVER *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: RICE      FERC POWER SUPPLY AREA 29      FERC REGIONAL OFFICE CODE FW
*****
LYONS RESERVOIR *KSU0066*COW CREEK *SCO *DAEN SWT *      *      *      *      *      *      *
*SWT0222*      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *
WINDOM RESERVOIR *KSU0249*LITTLE ARKANSAS *C *SCS DOA *      *      *      *      *      *      *
*SWT0223*RIVER *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: RILEY      FERC POWER SUPPLY AREA 29      FERC REGIONAL OFFICE CODE CH
*****
TUTTLE CREEK LAK *KS00012*RIG BLUE RIVER *CRN *DAEN MRK *      *      *      *      *      *      *
E *MRK0044*      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *
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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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 D=DEBRIS CONTROL, P=FARM POND, O=OTHER
 (3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

*****

(07/09/79)

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P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   K 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: SUMNER					FERC POWER SUPPLY AREA -0			FERC REGIONAL OFFICE CODE FW				
*****												
LOWER CONWAY SPR	*KSU0064*	SLATE CREEK	*	*	* 37 19.0 *	* 127.0*	* 64.*	* 52.*	* 69.*	* 0.*U	* 0.*U	* 0.
INGS RESERVOIR	*SWT0232*		*	*	* 97 29.0 *	*	*	*	*	*T	*.68*T	* 1.2
*****												
WELLINGTON RESER	*KSU0087*	SLATE CREEK	*	*	* 37 17.0 *	* 274.0*	* 42.*	* 45.*	* 71.*	* 0.*U	* 0.*U	* 0.
VOIR	*SWT0233*		*	*	* 97 57.0 *	*	*	*	*	*T	*.47*T	* 1.0
*****												
FALL CREEK RESER	*KSU0367*	FALL CREEK	*S	*	* 37 5.2 *	* 65.0*	* 23.*	* 49.*	* 0.*	* 0.*U	* 0.*U	* 0.
VOIR	*SWT0237*		*	*	* 97 41.0 *	*	*	*	*	*T	*.18*T	*.2
*****												
LOWER CONWAY SPR	*KSU0424*	SLATE CREEK	*CS	*DAEN SWT	* 37 49.0 *	* 127.0*	* 64.*	* 51.*	* 69.*	* 62.*U	* 0.*U	* 0.
ING RESVOIR	*SWT0240*		*	*	* 97 29.0 *	*	*	*	*	*T	*.67*T	* 1.2
*****												
DRURY RESERVOIR	*KSU0440*	CHIKASKIA RIVER	*ISC	*BUPEC	* 37 3.0 *	* 80.0*	* 28.*	* 44.*	* 60.*	* 21.*U	* 0.*U	* 0.
EASTERN SALT FOR	*SWT0241*		*	*	* 97 30.0 *	*	*	*	*	*T	*.22*T	*.2
*****												
RESERVOIR	*KSU0476*		*C	*DAEN SWT	* 37 17.0 *	* 274.0*	* 42.*	* 52.*	* 71.*	* 177.*U	* 0.*U	* 0.
	SWT0242		*	*	* 97 57.0 *	*	*	*	*	*T	*.55*T	* 1.1
*****												
ELM CREEK RESERV	*KSU1103*	ELM CREEK	*CS	*DAEN SWT	* 37 12.0 *	* 144.0*	* 81.*	* 84.*	* 121.*	* 68.*E	* 0.*E	* 0.
OIR	*SWT0243*		*	*	* 97 11.8 *	*	*	*	*	*N	* 1.50*N	* 2.5
*****												
COUNTY NAME: TREGO					FERC POWER SUPPLY AREA 29			FERC REGIONAL OFFICE CODE CH				
*****												
CEDAR BLUFF RESE	*KS00019*	SMOKY HILL RIVER	*ICRO	*DUI USHR	* 38 47.4 *	* 5365.0*	* 70.*	* 95.*	* 128.*	* 730.*E	* 0.*E	* 0.
RVOIR	*MRK0049*		*	*	* 99 43.2 *	*	*	*	*	*N	* 1.23*N	* 1.7
*****												
COUNTY NAME: WASHINGTON					FERC POWER SUPPLY AREA 29			FERC REGIONAL OFFICE CODE CH				
*****												
WASHINGTON WATER	*KS02534*	MILL CREEK	*S	*CITY OF WASH	* 39 48.4 *	* 344.0*	* 99.*	* 9.*	* 10.*	* 0.*E	* 0.*E	* 0.
DAM	*MRK0050*		*	*INGTON	* 97 3.2 *	*	*	*	*	*N	*.15*N	*.3
*****												
KS NONAME 1953	*KS02612*	MILL CREEK	*O	*	* 39 53.7 *	* 416.0*	* 120.*	* 18.*	* 25.*	* 0.*E	* 0.*E	* 0.
	MRK0051		*	*	* 96 59.3 *	*	*	*	*	*N	*.41*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   K A N S A S

(07/09/79)

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*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME * IDENT * NAME OF STREAM * PROJ* *LATITUDE * DRAINAGE* ANNUAL *POWER * OF * STORAGE* CAPACITY* ENERGY
* NUMBER*   OR RIVER   * PURP*   OWNER *LONGITUDE*   AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) *      *      * (2) *      * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: WILSON                                FERC POWER SUPPLY AREA 34    FERC REGIONAL OFFICE CODE FW
*****
NEODESHA RESERVOIR*KSU0460*VERDIGRIS RIVER *FO *DAEN SWT * 37 26.0 * 422.0* 314.* 56.* 74.* 90.*E 0.*E 0.
IR VERDIGRIS RIV*SWT0244* * * * * 95 40.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
COUNTY NAME: WOODSON                                FERC POWER SUPPLY AREA 34    FERC REGIONAL OFFICE CODE FW
*****
YATES CTR RESERV*KSU0451*OWL CREEK *CS *BUREC * 37 51.0 * 163.0* 110.* 29.* 39.* 1.*U 0.*U 0.
OIR MIDDLE NEOSH*SWT0246* * * * * 95 34.5 * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
YATES CENTER RES*KSU0514*OWL CREEK *CS *DAEN SWT * 35 10.0 * 184.0* 195.* 58.* 78.* 319.*U 0.*U 0.
. MIDDLE NEOSHA *SWT0245* * * * * 95 34.5 * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
TORONTO LAKE *KS00011*VERDIGRIS *C D *DAEN SWT * 37 44.3 * 730.0* 495.* 55.* 75.* 195.*E 0.*E 0.
*SWT0247* * * * * 95 56.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
WOODSEN STATE LA*KS00900*SANDY CREEK *R *F F AND GAME* 37 47.3 * 5.0* 4.* 51.* 63.* 4.*E 0.*E 0.
KE *SWT0248* * * * * 95 50.6 * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*****
L E G E N D

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*****

STATE OF MONTANA

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

POTENTIAL INCREMENTAL CAPACITY RANGES																	
HEAD		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
EXIST		UNDEV				UNDEV				UNDEV				UNDEV			
INST		INST				INST				INST				INST			
POTEN		POTEN				POTEN				POTEN				POTEN			
INCR		INCR				INCR				INCR				INCR			
1 CAP		2 CAP				3 CAP				4 CAP				5 CAP			
2 CAP		3 CAP				4 CAP				5 CAP				6 CAP			
3 CAP		4 CAP				5 CAP				6 CAP				7 CAP			
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LEGEND

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

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

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

(07/09/79)

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*****
* AVERAGE * NET * HEIGHT * MAXIMUM *
* IDENT * NAME OF STREAM * PROJ * * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: BEAVERHEAD FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE
*****
REICHLER *MTU0012*BIG HOLE RIVER * * * 45 36.0 * 2476.0 * 1175. * 124. * 166. * 531. *U 0. *U 0.
*MR00117* * * * 112 42.5 * * * * * * *T 50.90*T 98.4
MELROSE-DIVIDE *MTU0134*BIG HOLE RIVER * * * 45 42.0 * 2138.0 * 1014. * 710. * 770. * 340. *U 0. *U 0.
*MR00118* * * * 112 42.0 * * * * * *T 251.70*T 486.4
CLARK CANYON RES *MT00569*BEAVERHEAD RIVER*IRC *DOI USBR * 45 .1 * 2321.0 * 363. * 120. * 125. * 329. *E 0. *E 0.
ERVOIR *MR00119* * * * 112 51.4 * * * * * *N 6.12*N 28.8
LIMA RESERVOIR *MT00905*RED ROCK RIVER *ICR *WATER USERS * 44 39.2 * 570.0 * 152. * 45. * 50. * 125. *E 0. *E 0.
*MR00120* * *IRR. CO. * 112 21.5 * * * * *N 2.08*N 4.8
*****
COUNTY NAME: BIG HORN FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE CH
*****
LITTLE BIGHORN D *MTU0003*LITTLE BIGHORN R * * * 45 1.8 * 220.0 * 205. * 120. * 158. * 65. *U 0. *U 0.
AM *MR00121*IVER * * * 107 34.8 * * * * * *T 5.66*T 14.1
TONGUE RIVER RES *MT00002*TONGUE RIVER *I *DEPT OF NAT * 45 7.9 * 1770.0 * 474. * 81. * 86. * 86. *E 0. *E 0.
ERVOIR *MR00122* * *RES + CONS * 106 41.4 * * * * * *N 6.18*N 21.5
BIGHORN LAKE *MT00576*BIGHORN RIVER *ICMR *DOI USBR * 45 18.4 * 19667.0 * 3621. * 489. * 494. * 1428. *E 250.00*E1000.0
*MR00123* * * * 107 57.4 * * * * * *N 136.39*N 226.0
LODGE GRASS RES *MTU0963*LODGE GRASS CREEK*I *DOI BIA * 45 10.0 * 81.0 * 51. * 110. * 115. * 23. *E 0. *E 0.
ERVOIR *MR00124*K * * * 107 36.0 * * * * * *N 1.86*N 3.6
*****
COUNTY NAME: BLAINE FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE
*****
HIGH COW *MTU0011*MISSOURI RIVER * * * 47 38.7 * 40987.0 * 9560. * 239. * 323. * 8750. *U 0. *U 0.
*MR00126* * * * 108 46.4 * * * * * *T 494.62*T1596.3
CHINOOK, NORTH *MT00553*LODGE CREEK-OFFS*1 *ND, CHINOOK * 48 45.2 * 1354.0 * 243. * 30. * 35. * 8. *E 0. *E 0.
*MR00125*TEAM * *IRR. CO. * 109 19.3 * * * * * *N 1.14*N 4.8
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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 PURPOSES: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
(2) O=DEBRIS CONTROL, P=FARM POND, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ* * AVERAGE * NE * HEIGHT* MAXIMUM*
PROJECT NAME * NUMBER* OR RIVER * PURP* OWNER *LATITUDE * DRAINAGE* ANNUAL *POWER * OF * STORAGE* CAPACITY* ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT; * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: BROADWATER FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
BROADWATER DAM *MT00016*MISSOURI RIVER *I *DEPT OF NAT * 46 7.0 * 14669.0* 5396.* 51.* 56.* 3.*E 0.*E 0.
*MR00127* *RES + CONS *111 22.0 * * * * *N 59.98*N 194.0
*****
COUNTY NAME: CASCADE FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE CH
*****
HARDY *MTU0124*MISSOURI RIVER * * * 47 6.0 * 17935.0* 5908.* 61.* 91.* 72.*U 0.*U 0.
*MR00128* * * * *111 48.0 * * * * *T 72.07*T 282.9
* * * * *
ULM *MTU0125*MISSOURI RIVER * * * 47 24.0 * 20490.0* 6527.* 21.* 0.* 1290.*U 0.*U 0.
*MR00129* * * * *111 18.0 * * * * *T 26.30*T 110.8
* * * * *
RYAN ?CASCADER D *MT00555*MISSOURI RIVER *H *MONTANA POWE * 47 35.2 * 19486.0* 6207.* 89.* 94.* 3.*E 48.00*E 245.0
AM *MR00130* * * * *111 8.4 * * * * *N 85.89*N 141.3
* * * * *
RAINBOW *MT00557*MISSOURI RIVER * * * 47 24.0 * 23142.0* 7372.* 30.* 40.* 1.*E 35.60*E 292.0
*MR00131* * * * *111 6.0 * * * * *N 0.*N 0.
* * * * *
MORONY *MT00563*MISSOURI RIVER *H *MONTANA POWE * 47 35.8 * 19600.0* 6243.* 86.* 93.* 13.*E 45.00*E 310.0
*MR00132* * * * *111 4.6 * * * * *N 88.16*N 74.2
* * * * *
PRAIRIE NEST RAN *MT00848*TR-BELT CREEK *I *PRAIRIE NEST * 47 31.0 * 3.0* 24.* 90.* 95.* 2.*E 0.*E 0.
CH 1 *MR00133* * * * *111 1.5 * * * * *N .66*N 1.5
* * * * *
PRAIRIE NEST RAN *MT00853*TR-BELT CREEK *I *PRAIRIE NEST * 47 30.0 * 2.0* 16.* 95.* 100.* 8.*E 0.*E 0.
CH 4 *MR00134* * * * *111 1.8 * * * * *N .47*N 1.1
*****
COUNTY NAME: CHOUTEAU FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE CH
*****
FORT BENTON *MTU0010*MISSOURI RIVER * *O * 47 47.6 * 24740.0* 7881.* 177.* 177.* 765.*U 0.*U 0.
*MR00135* * * * *110 40.7 * * * * *T 225.92*T 892.7
* * * * *
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L E G E N D

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

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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 O N T A N A

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * * (1) *	NAME OF STREAM OR RIVER	* PROJ * * PURP * * (2) *	OWNER	* LATITUDE * * LONGITUDE * * (DM,M) *	* DRAINAGE * * AREA * * (SQ MI) *	* AVERAGE * * ANNUAL * * INFLOW * * (CFS) *	* NET * * POWER * * HEAD * * (FT) *	* HEIGHT * * OF * * DAM * * (FT) *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MW) * * (3) *	* ENERGY * * (GWH) * * (3) *
*****												
COUNTY NAME: DEER LODGE												
*****												
GEORGETOWN LAKE	* MTU0225 *	FLINT CREEK	* S I R *	MONTANA POWE	* 46 12.8 *	52.0 *	29. *	717. *	0. *	90. *	1.10 *	8.0
	* NPS0029 *		* H *	R CO	* 113 16.5 *						1.98 *	5.4
*****												
NO 1 + 2 TAILING POND	* MT01403 *	TR-CLARK FORK RI	* O *	ANACONDA CO	* 46 7.3 *	15.0 *	8. *	89. *	108. *	30. *	0. *	0. *
	* NPS0030 *	VER			* 112 55.0 *						.36 *	.4
*****												
COUNTY NAME: FERGUS												
*****												
ROCKY POINT	* MTU0123 *	MISSOURI RIVER			* 47 24.0 *	38000.0 *	8863. *	44. *	166. *	1205. *	0. *	0. *
	* MR00136 *				* 108 30.0 *						66.06 *	259.2
*****												
CASTLE	* MTU0135 *	BIG SPRING CREEK			* 47 0. *	10.0 *	52. *	40. *	54. *	1. *	0. *	0. *
	* MRU0137 *				* 109 24.0 *						.21 *	1.9
*****												
EAST FORK	* MTU0140 *	BIG SPRING CREEK			* 47 0. *	62.0 *	5. *	47. *	63. *	5. *	0. *	0. *
	* MR00139 *				* 109 24.0 *						.15 *	.3
*****												
HANSON	* MTU0144 *	BIG SPRING CREEK			* 47 0. *	8.0 *	42. *	42. *	57. *	1. *	0. *	0. *
	* MR00140 *				* 109 24.0 *						.18 *	1.3
*****												
COUNTY NAME: FLATHEAD												
*****												
CORAM	* MTU0176 *	FLATHEAD RIVER	* H *		* 48 23.4 *	2800.0 *	6260. *	108. *	0. *	0. *	0. *	0. *
	* NPS0033 *				* 114 3.2 *						198.70 *	463.7
*****												
SPOTTED BEAR	* MTU0177 *	SF FLATHEAD	* H *		* 47 56.4 *	1148.0 *	2350. *	95. *	0. *	0. *	0. *	0. *
	* NPS0034 *				* 113 32.4 *						89.10 *	153.1
*****												
BELTON	* MTU0188 *	M F FLATHEAD	* HC *		* 48 29.9 *	941.0 *	2500. *	330. *	29. *	0. *	0. *	0. *
	* NPS0042 *				* 113 58.0 *						292.33 *	557.3
*****												
SPRUCE PK	* MTU0189 *	M F FLATHEAD	* HC *		* 48 10.4 *	408.0 *	950. *	860. *	0. *	0. *	0. *	0. *
	* NPS0043 *				* 113 33.1 *						330.31 *	629.7
*****												

L E G E N D

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

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * * (1) *	* NAME OF STREAM * * GR RIVER *	* PROJ * * PURP * * (2) *	* OWNER *	* LATITUDE * * LONGITUDE * * (DM,M) * * (SG MI) *	* DRAINAGE * * AREA * * (CFS) *	* AVERAGE * * ANNUAL * * INFLW * * (CFS) *	* NET * * POWER * * HEAD * * (FT) *	* HEIGHT * * OF * * DAM * * (FT) *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MW) * * (3) *	* ENERGY * * (GWH) * * (3) *
*****												
COUNTY NAME: FLATHEAD FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE SF												
*****												
SMOKEY RANGE	* MTU0197 * * NPS0051 *	* FLATHEAD R NF *	* HCR *		* 48 32.5 * * 114 6.5 *	* 1512.0 *	* 2960. *	* 350. *	* 0. *	* 0. *	* 0. *	* 0. *
											* 371.36 * * T 740.9 *	
GLACIER VIEW	* MTU0198 * * NPS0052 *	* N F FLATHEAD R *	* HC *		* 48 37.0 * * 114 8.3 *	* 1460.0 *	* 2776. *	* 395. *	* 0. *	* 0. *	* 0. *	* 0. *
											* 404.69 * * T 807.4 *	
BIG FORK	* MT00220 * * NPS0054 *	* SWAN *	* H *	* PACIFIC POWE *	* 48 2.9 * * 114 4.5 *	* 655.0 *	* 1151. *	* 105. *	* 14. *	* 0. *	* 4.15 * * E 28.83 * * N 54.4 *	* 31.0 *
HUNGRY HORSE RES	* MT00565 * * NPS0055 *	* SOUTH FORK OF FL *	* HCR *	* DOI USBR *	* 48 20.5 * * 114 .8 *	* 1640.0 *	* 3629. *	* 477. *	* 520. *	* 3675. *	* 285.00 * * E 206.66 * * N 366.0 *	* 820.0 *
ERVOIR		* ATHEAD RIVER *										
LITTLE BITTERR	* MT00598 * * NPS0056 *	* LITTLE BITTERR * * T *	* I *	* DOI BIA *	* 48 5.6 * * 114 41.8 *	* 75.0 *	* 85. *	* 7. *	* 9. *	* 26. *	* 0. *	* 0. *
											* .18 * * N .4 *	
HUBBART	* MT00599 * * NPS0057 *	* LITTLE BITTERR * * T *	* I *	* DOI BIA *	* 47 56.3 * * 114 44.0 *	* 42.0 *	* 133. *	* 58. *	* 79. *	* 12. *	* 0. *	* 0. *
											* 2.90 * * N .5.3 *	
ASHLEY	* MT01163 * * NPS0058 *	* ASHLEY CREEK *	* I *	* ASHLEY IRR D *	* 48 10.7 * * 114 37.8 *	* 80.0 *	* 91. *	* 39. *	* 50. *	* 3. *	* 0. *	* 0. *
											* 1.11 * * N 2.5 *	
CEDAR CREEK	* MT01455 * * NPS0059 *	* CEDAR CREEK *	* S *	* CITY OF COLU *	* 48 24.0 * * 114 8.0 *	* 30.0 *	* 179. *	* 30. *	* 40. *	* 2. *	* 0. *	* 0. *
											* .88 * * N 3.2 *	
*****												
COUNTY NAME: GALLATIN FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE CH												
*****												
LOWER BASIN	* MTU0133 * * MR00141 *	* GALLATIN RIVER *			* 45 18.0 * * 111 12.0 *	* 530.0 *	* 529. *	* 236. *	* 320. *	* 388. *	* 0. *	* 0. *
											* 39.03 * * T 86.0 *	
MYLITE RESERVOIR	* MT00018 * * MR00142 *	* MIDDLE CREEK *	* IS *	* DEPT OF NAT *	* 45 29.2 * * 110 59.7 *	* 27.0 *	* 39. *	* 101. *	* 106. *	* 9. *	* 0. *	* 0. *
											* 1.15 * * N 2.7 *	
HEBGEN RESERVOIR	* MT00134 * * MR00143 *	* MADISON RIVER *	* H *	* MONTANA POWE *	* 44 52.0 * * 111 20.8 *	* 904.0 *	* 1034. *	* 83. *	* 88. *	* 525. *	* 0. *	* 0. *
											* 14.80 * * N 62.3 *	
*****												
L E G E N D												

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*****

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PUMP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: GARFIELD FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE C4
*****
LAKE FORT PECK *MT00025* MISSOURI RIVER * C H *DAEN MRC * 47 59.0 * 57500.0* 6926.* 215.* 220.* 19100.*E 185.00*E 900.0
*MR00144* *I * * 106 24.0 * * * * *N 203.22*N 480.5
*****
COUNTY NAME: GLACIER FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE C4
*****
LOWER TWO MEDICI *MT00573* TWO MEDICINE CRE *IR *DUI USBH * 48 29.6 * 50.0* 241.* 43.* 48.* 20.*E 0.*E 0.
NE RESERVOIR *MR00146*EK * * * 113 16.0 * * * * *N 1.91*N 7.0
* * * * *
FOUR HORNS LAKE *MT01138* BIG PLUM COULEE *I H *BLACKFEET IR * 48 22.0 * 133.0* 165.* 30.* 35.* 30.*E 0.*E 0.
*MR00147* * * * 112 43.0 * * * * *N 1.40*N 2.9
*****
COUNTY NAME: GRANITE FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE SF
*****
FINLEN *MT00222* ROCK CREEK *HC * * 46 42.5 * 885.0* 500.* 210.* 0.* 0.*U 0.*U 0.
*NPS0060* * * * 113 41.0 * * * * *T 46.30*T 95.1
* * * * *
QUIGLEY *MT00223* ROCK CR *HC * * 46 33.4 * 724.0* 496.* 240.* 0.* 0.*U 0.*U 0.
*NPS0061* * * * 113 42.8 * * * * *T 43.93*T 77.4
* * * * *
ATKINS *MT00227* ROCK CR *HC * * 46 19.8 * 525.0* 360.* 174.* 0.* 0.*U 0.*U 0.
*NPS0062* * * * 113 32.4 * * * * *T 23.10*T 40.7
* * * * *
JOY *MT00228* ROCK CR *HC * * 46 13.3 * 430.0* 260.* 234.* 0.* 0.*U 0.*U 0.
*NPS0063* * * * 113 31.1 * * * * *T 8.27*T 33.4
* * * * *
UPPER JOY *MT00229* EF ROCK CR *HC * * 46 4.3 * 104.0* 234.* 260.* 0.* 0.*U 0.*U 0.
*NPS0064* * * * 113 23.5 * * * * *T 10.16*T 18.7
* * * * *
WAHLQUIST *MT03039* ROCK CREEK *H * * 46 30.0 * 655.0* 589.* 25.* 25.* 0.*U 0.*U 0.
*NPS0065* * * * 113 46.0 * * * * *T 5.33*T 10.0
* * * * *
LITTLE HOGBACK *MT03040* ROCK CREEK *H * * 46 27.0 * 600.0* 540.* 25.* 25.* 0.*U 0.*U 0.
*NPS0066* * * * 113 45.5 * * * * *T 4.88*T 9.2
* * * * *
*****

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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)

*****

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 O N T A N A

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * * (1) *	NAME OF STREAM OR RIVER	* P*OJ* * P*OJ* * (2) *	OWNER	* LATITUDE * * LONGITUDE * * (DM,M) *	* DRAINAGE * * AREA * * (SQ MI) *	* AVERAGE * * ANNUAL * * INFLOW * * (CFS) *	* NET * * POWER * * HEAD * * (FT) *	* HEIGHT * * OF * * DAM * * (FT) *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MW) * * (3) *	* ENERGY * * (GWH) * * (3) *
*****												
COUNTY NAME: GRANITE												
*****												
UPPER LITTLE HOG BACK	* MTU3041 * * NPS0067 *	ROCK CREEK	* H *	*	* 46 25.2 * * 113 43.5 *	* 575.0 *	* 517. *	* 25. *	* 25. *	* 0. * * T *	* 0. * * 4.68 * * T *	* 0. * * 8.8 *
SAPPHIRE	* MTU3042 * * NPS0068 *	HF ROCK CR	* HC *	*	* 46 6.6 * * 113 22.0 *	* 45.0 *	* 140. *	* 185. *	* 0. *	* 0. * * T *	* 0. * * .89 * * T *	* 0. * * 3.1 *
EAST FORK RESERVOIR DIR	* MTU0015 * * NPS0069 *	EAST FORK OF RNC K CREEK	* I *	* DEPT OF NAT * RES + CONS *	* 46 7.8 * * 113 22.8 *	* 40.0 *	* 22. *	* 67. *	* 83. *	* 18. * * N *	* 0. * * .32 * * N *	* 0. * * 1.0 *
LOWER WILLOW CREEK EK	* MTU0155 * * NPS0070 *	LOWER WILLOW CREEK	* I *	* DIST LOWER * * ILLUM *	* 46 32.7 * * 113 19.9 *	* 110.0 *	* 74. *	* 71. *	* 90. *	* 6. * * N *	* 0. * * 1.75 * * N *	* 0. * * 3.5 *
*****												
COUNTY NAME: HILL												
*****												
FRESNO RESERVOIR MR00148	* MTU0570 * * MR00148 *	HILL RIVER	* ICS *	* DOI USBR *	* 48 36.1 * * 109 56.8 *	* 3766.0 *	* 244. *	* 70. *	* 75. *	* 262. * * N *	* 0. * * 3.64 * * N *	* 0. * * 10.6 *
*****												
COUNTY NAME: JEFFERSON												
*****												
JEFFERSON CANYON MR00149	* MTU0132 * * MR00149 *	JEFFERSON RIVER	*	*	* 45 48.0 * * 111 48.0 *	* 8900.0 *	* 2024. *	* 160. *	* 1900. *	* 1205. * * T *	* 0. * * 60.27 * * T *	* 0. * * 208.2 *
BOULDER RIVER UN IT	* MTU0143 * * MR00150 *	BOULDER RIVER	*	*	* 46 12.0 * * 112 6.0 *	* 59.0 *	* 32. *	* 73. *	* 99. *	* 15. * * T *	* 0. * * 1.17 * * T *	* 0. * * 1.4 *
DELMOE LAKE	* MTU0117 * * MR00151 *	NO FORK PIPESTONE E CREEK	* IP *	* PIPESTONE WA * TER USERS AS *	* 45 59.1 * * 112 20.4 *	* 36.0 *	* 20. *	* 25. *	* 30. *	* 7. * * N *	* 0. * * .24 * * N *	* 0. * * .3 *
WHITETAIL RESERVOIR DIR	* MTU0118 * * MR00152 *	WHITETAIL CREEK	* I *	* WHITETAIL WA * TER USERS *	* 46 4.3 * * 112 15.8 *	* 20.0 *	* 11. *	* 25. *	* 30. *	* 7. * * N *	* 0. * * .13 * * N *	* 0. * * .2 *
*****												

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*****

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

(07/09/79)

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*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME * IDENT * NAME OF STREAM * PROJ *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: JUDITH BASIN      FERC POWER SUPPLY AREA 30      FERC REGIONAL OFFICE CODE CH
*****
HOBSON DAM      *MTU0004*JUDITH RIVER      *      *      *      *      *      *      *      *      *      *      *      *      *
*MR00153*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
ACKLEY LAKE      *MT00010*JUDITH RIVER OFF* I      *DEPT NAT RES* 46 57.5      *      *      *      *      *      *      *
*MRU0154* STREAM      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: LAKE      FERC POWER SUPPLY AREA 30      FERC REGIONAL OFFICE CODE SF
*****
SWAN LAKE      *MTU0174*SWAN RIVER      *HC      *      *      *      *      *      *      *      *      *      *      *      *      *
*NPS0077*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
KERR      *MT00226*FLATHEAD      *H C *MONTANA POWE* 47 40.6      *      *      *      *      *      *      *
*NPS0078*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
TABOR      *MT00588*DRY CREEK      *I      *DOI BIA      *      *      *      *      *      *      *
*NPS0079*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
MISSION      *MT00589*MISSION CREEK      *I      *DOI BIA      *      *      *      *      *      *      *
*NPS0080*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
MCDONALD      *MT00590*POST CREEK      *I      *DOI BIA      *      *      *      *      *      *      *
*NPS0081*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
NINE PIPE      *MT00591*OFF STREAM CANAL* I      *DOI BIA      *      *      *      *      *      *      *
*NPS0082*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
PABLO      *MT00592*OFFSTREAM CANAL* I      *DUI BIA      *      *      *      *      *      *      *
*NPS0083*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
CROW      *MT00593*HUD SPRING AND C* I      *DUI BIA      *      *      *      *      *      *      *
*NPS0084*HOW CREEKS      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
KICKINGHORSE      *MT00594*OFF STREAM CANAL* I      *DOI BIA      *      *      *      *      *      *      *
*NPS0085*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
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L E G E N D

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MONTANA

(07/09/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME * IDENT * NAME OF STREAM * PROJ * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
              * NUMBER * OR RIVER * PURP *          * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
              * (1) *          * (2) *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LAKE                                FERC POWER SUPPLY AREA 30    FERC REGIONAL OFFICE CODE SF
*****
BIG CREEK      *MT03002*BIG CREEK      *H *BUREAU OF IN* 47 1.4 * 10.0* 6955.* 585.* 0.* 0.*E .36*E 2.0
               *NPS0046*              * *DIAN AFFAIR *114 45.0 * * * * * *N 5.60*N 8.9
*****
COUNTY NAME: LEWIS AND CLARK                    FERC POWER SUPPLY AREA 27    FERC REGIONAL OFFICE CODE CH
*****
NILAN RESERVOIR *MT00014*FORD CREEK OFF S*I *DEPT OF NAT * 47 27.3 * 23.0* 13.* 36.* 41.* 14.*E 0.*E 0.
               *MR00155*TREAM          * *RES + CONS *112 27.4 * * * * * *N .22*N .3
*****
HOLTER         *MT00559*MISSOURI      *H *MONTANA POWE* 47 .6 * 17149.0* 5649.* 115.* 120.* 265.*E 38.40*E 226.0
               *MR00156*              * *R CO *112 1.5 * * * * * *N 79.89*N 238.3
*****
HAUSER LAKE    *MT00560*MISSOURI      *H *MONTANA POWE* 46 40.0 * 16876.0* 5559.* 61.* 125.* 109.*E 17.00*E 111.0
               *MR00157*              * *R CO *111 53.1 * * * * * *N 44.74*N 131.4
*****
CANYON FERRY LAK *MT00568*MISSOURI RIVER *ICSRH*DOI USBR * 46 38.9 * 15904.0* 5850.* 160.* 165.* 2051.*E 50.00*E 384.0
E               *MR00158*              * * * *111 43.6 * * * * * *N 159.40*N 279.0
*****
WILLOW CREEK   *MT00577*WILLOW CREEK *IR *DOI USBR * 47 32.8 * 811.0* 1085.* 62.* 67.* 40.*E 0.*E 0.
               *MR00159*              * * * *112 25.8 * * * * * *N 25.04*N 43.9
*****
MILLOW CREEK RES *MT00749*WILLOW CREEK *IR *DOI USBR * 47 33.4 * 811.0* 1085.* 12.* 17.* 40.*E 0.*E 0.
ERVIOR         *MR00160*              * * * *112 25.6 * * * * * *N 3.38*N 7.5
*****
COUNTY NAME: LIBERTY                            FERC POWER SUPPLY AREA 27    FERC REGIONAL OFFICE CODE CH
*****
TIBER RESERVOIR *MT00578*MAHIAS RIVER OFF*CSR *DOI USBR * 48 17.9 * 4923.0* 1496.* 45.* 50.* 1425.*E 0.*E 0.
               *MR00161*STREAM          * * * *111 8.4 * * * * * *N 21.83*N 44.6
*****
COUNTY NAME: LINCOLN                            FERC POWER SUPPLY AREA 30    FERC REGIONAL OFFICE CODE SF
*****
KOOTENAI FALLS *MTU3001*KOOTENAI R. *H * * * 48 27.0 * 10500.0* 13491.* 160.* 0.* 0.*U 0.*U 0.
               *NPS0087*              * * * *115 45.7 * * * * * *T 587.24*T1393.4
*****
*****
L E G E N D
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P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   M O N T A N A

(07/09/79)

PROJECT NAME	* IDENT * NUMBER	* NAME OF STREAM * OR RIVER	* PROJ * PURP	* OWNER	* LATITUDE * LONGITUDE	* DRAINAGE * AREA	* AVERAGE * INFLOW	* NET * HEAD	* HEIGHT * DAM	* MAXIMUM * (1000	* ENERGY * (MW)	* ENERGY * (GWH)
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	AC FT)	(3)	(3)
*****												
COUNTY NAME: LINCOLN					FERC POWER SUPPLY AREA 30			FERC REGIONAL OFFICE CODE SF				
*****												
LIBBY REREG	*MTU3003*	*KOOTENAI R.	*HC	*CORPS OF ENG	* 46 23.4 *	* 10215.0 *	* 11600. *	* 60. *	* 0. *	* 0. *	* 0. *	* 0. *
	NPS0089			*INEENS	* 115 26.6 *						* 152.70 *	* 462.9 *
LOWER YAAK CANYON	*MTU3004*	*YAAK R	*H		* 48 33.6 *	* 770.0 *	* 957. *	* 320. *	* 0. *	* 0. *	* 0. *	* 0. *
	NPS0090				* 115 58.1 *						* 119.05 *	* 205.3 *
YAAK FALLS	*MTU3007*	*YAAK RIVER	*H		* 48 39.0 *	* 732.0 *	* 896. *	* 365. *	* 0. *	* 0. *	* 0. *	* 0. *
	NPS0093				* 115 53.1 *						* 129.09 *	* 222.6 *
LONG MEADOWS	*MTU3008*	*YAAK RIVER	*HC		* 48 49.2 *	* 494.0 *	* 528. *	* 192. *	* 0. *	* 0. *	* 0. *	* 0. *
	NPS0094				* 115 47.3 *						* 45.82 *	* 79.0 *
LAKE CREEK #1	*MTU0021*	*LAKE CREEK	*H	*MONTANA LIGH	* 48 26.7 *	* 211.0 *	* 234. *	* 158. *	* 0. *	* 0. *	* 1.00 *	* 5.6 *
	NPS0095			*T + POWER CO	* 115 52.5 *						* 11.33 *	* 19.9 *
LIBBY DAM	*MTU00652*	*KOOTENAI RIVER	*H C R	*DAEN APS	* 48 24.7 *	* 9070.0 *	* 10791. *	* 341. *	* 344. *	* 5809. *	* 840.00 *	* 1717.0 *
	NPS0096				* 115 18.5 *						* 124.03 *	* 770.8 *
*****												
COUNTY NAME: MADISON					FERC POWER SUPPLY AREA 30			FERC REGIONAL OFFICE CODE CH				
*****												
HEICHIE	*MTU0130*	*BIG HOLE RIVER	*		* 45 25.8 *	* 2668.0 *	* 1266. *	* 155. *	* 200. *	* 898. *	* 0. *	* 0. *
	MR00162				* 112 34.0 *						* 68.57 *	* 132.5 *
RUBY RESERVOIR	*MTU0004*	*RUBY RIVER	*I	*DEPT OF NAT	* 45 14.2 *	* 596.0 *	* 200. *	* 106. *	* 111. *	* 54. *	* 0. *	* 0. *
	MR00163			*RES + CONS	* 112 6.2 *						* 3.71 *	* 13.6 *
WILLOW CREEK RESERVOIR	*MTU0022*	*WILLOW CREEK	*I	*DEPT OF NAT	* 45 42.2 *	* 84.0 *	* 41. *	* 100. *	* 105. *	* 26. *	* 0. *	* 0. *
	MR00164			*RES + CONS	* 111 42.0 *						* 1.07 *	* 2.7 *
LAKE ENNIS	*MTU00561*	*MADISON	*H	*MONTANA POWER	* 45 29.2 *	* 2181.0 *	* 1768. *	* 44. *	* 49. *	* 60. *	* 9.00 *	* 50.0 *
	MR00165			*R CO	* 111 39.2 *						* 3.21 *	* 6.1 *
EARTHQUAKE LAKE	*MTU0082*	*MADISON RIVER	*O	*USDA FS	* 44 49.9 *	* 1233.0 *	* 1411. *	* 195. *	* 200. *	* 60. *	* 0. *	* 0. *
	MR00166				* 111 25.5 *						* 47.41 *	* 199.5 *
*****												
L E G E N D												

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PLRP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * (DM.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT * (3) * (3)
*****
COUNTY NAME: MCCONE FERC POWER SUPPLY AREA 2 FERC REGIONAL OFFICE CODE CH
*****
LITTLE PORCUPINE * MTU0000 * MISSOURI RIVER * * * 48 25.0 * 57556.0 * 0. * 30. * 0. * 0. * U 0. * U 0.
* MRD0199 * * * * 106 0. * * * * * T 18.00 * T 113.0
*****
LITTLE PORCUPINE * MTU0122 * MISSOURI RIVER * * * 48 0. * 57556.0 * 0. * 30. * 1900. * 1205. * U 0. * U 0.
* MRD0200 * * * * 106 0. * * * * * T 18.00 * T 113.0
*****
COUNTY NAME: MEAGHER FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE CH
*****
NEULAN DAM * MTU0005 * NEULAN CREEK * * * 46 37.8 * 71.0 * 42. * 123. * 128. * 18. * U 0. * U 0.
* MRD0167 * * * * 110 56.5 * * * * * T 1.57 * T 3.4
*****
BAIR RESERVOIR * MTU0006 * N.F. MUSSELSHELL * I * DEPT OF NAT * 46 34.8 * 49.0 * 19. * 92. * 97. * 10. * E 0. * E 0.
* MRD0169 * RIVER * * RES + CONS * 110 29.0 * * * * * N .47 * N 1.3
*****
N.F. OF SMITH RIV * MTU0009 * N.F. OF SMITH RIV * I * DEPT OF NAT * 46 34.8 * 72.0 * 28. * 78. * 83. * 13. * E 0. * E 0.
ER RESERVOIR * MRD0170 * ER * * RES + CONS * 110 39.6 * * * * * N .59 * N 1.6
*****
COUNTY NAME: MINERAL FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE SF
*****
QUARTZ CREEK * MTU3024 * CLARK FORK RIVER * H * * 47 1.2 * 9710.0 * 6955. * 130. * 0. * 0. * U 0. * U 0.
* NPS0106 * * * * 114 45.0 * * * * * T 282.68 * T 627.2
*****
PLATEAU * MTU3026 * CLARK FORK RIVER * H * * 47 0. * 9590.0 * 6530. * 50. * 0. * 0. * U 0. * U 0.
* NPS0110 * * * * 114 33.0 * * * * * T 97.39 * T 231.8
*****
COUNTY NAME: MISSOULA FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE SF
*****
BITTERROOT * MTU0199 * BITTERROOT RIVER * HC * * 46 46.9 * 2850.0 * 2500. * 100. * 0. * 0. * U 0. * U 0.
* NPS0111 * * * * 114 5.0 * * * * * T 55.28 * T 121.3
*****
BONNER * MTU0206 * BLACKFOOT RIVER * HC * * 46 52.5 * 2294.0 * 1596. * 145. * 0. * 0. * U 0. * U 0.
* NPS0112 * * * * 113 52.4 * * * * * T 82.86 * T 170.2
*****
*****
L E G E N D
*****

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

*****

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 O N T A N A

(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) *	* CAPACITY * * (MW) *	* ENERGY * * (GWH) *
	(1)		(2)		(DM,H)	(SQ MI)	(CF8)	(FT)	(FT)		(3)	(3)
COUNTY NAME: MISSOULA					FERC POWER SUPPLY AREA 30		FERC REGIONAL OFFICE CODE 8F					
MCNAMARA	* MTU0207 *	* BLACKFOOT RIVER *	* H *		* 46 55.0 *	* 2158.0 *	* 1502. *	* 117. *	* 0. *	* 0. *	* 0. *	* 0. *
	* NPS0113 *				* 113 41.0 *					* T *	* 62.90 *	* 129.2 *
NINEMILE PRAIRIE	* MTU0208 *	* BLACKFOOT RIVER *	* HCR *		* 46 56.8 *	* 2044.0 *	* 1440. *	* 285. *	* 0. *	* 0. *	* 0. *	* 0. *
	* NPS0114 *				* 113 33.7 *					* T *	* 145.11 *	* 298.1 *
BOX CANYON (OVAN DO B)	* MTU0210 *	* BLACKFOOT RIVER *	* H *		* 46 59.0 *	* 1800.0 *	* 870. *	* 320. *	* 0. *	* 0. *	* 0. *	* 0. *
	* NPS0115 *				* 113 18.0 *					* T *	* 143.48 *	* 294.7 *
CAHOON	* MTU0211 *	* BLACKFOOT RIVER *	* H *		* 47 .3 *	* 1600.0 *	* 900. *	* 150. *	* 0. *	* 0. *	* 0. *	* 0. *
	* NPS0116 *				* 113 12.9 *					* T *	* 59.79 *	* 122.8 *
MILLTOWN	* MT00222 *	* CLARK FORK *	* H *	* MONTANA PONE *	* 46 51.4 *	* 6040.0 *	* 3081. *	* 29. *	* 59. *	* 1. *	* 3.04 *	* 20.0 *
	* NPS0117 *			* R CO *	* 113 53.6 *					* N *	* 11.22 *	* 32.1 *
JOCKO	* MT00602 *	* JOCKO *	* I *	* DJI BIA *	* 47 12.0 *	* 25.0 *	* 17. *	* 54. *	* 73. *	* 6. *	* 0. *	* 0. *
	* NPS0118 *				* 113 45.0 *					* N *	* .31 *	* .6 *
COUNTY NAME: PARK					FERC POWER SUPPLY AREA 30		FERC REGIONAL OFFICE CODE CH					
ALLENSPUR	* MTU0013 *	* YELLOWSTONE RIVE *			* 45 34.1 *	* 3620.0 *	* 3899. *	* 380. *	* 385. *	* 4000. *	* 0. *	* 0. *
	* MR00171 *				* 110 35.0 *					* T *	* 457.81 *	* 1035.3 *
YANKEE JIM	* MTU0128 *	* YELLOWSTONE RIVE *			* 45 12.0 *	* 2700.0 *	* 3236. *	* 200. *	* 200. *	* 279. *	* 0. *	* 0. *
	* MR00172 *				* 110 54.0 *					* T *	* 204.76 *	* 448.9 *
MILL CREEK	* MTU0129 *	* MILL CREEK *			* 45 24.0 *	* 135.0 *	* 148. *	* 600. *	* 1000. *	* 120. *	* 0. *	* 0. *
	* MR00173 *				* 110 36.0 *					* T *	* 21.01 *	* 57.6 *
COTTONWOOD RESERVOIR	* MT00021 *	* COTTONWOOD CREEK *	* I *	* DEPT OF NAT *	* 46 2.0 *	* 38.0 *	* 52. *	* 48. *	* 53. *	* 3. *	* 0. *	* 0. *
	* MR00174 *			* RES + CONS *	* 110 41.3 *					* N *	* .95 *	* 1.7 *

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MONTANA

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
* PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LONGITUDE * AREA * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
*          * (1) *          * (2) *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: PETROLEUM
*****
FERRIS POWER SUPPLY AREA 27
*****
PETROLLA RESERVOIR * MT00006 * FLATWILLOW CREEK * I * DEPT OF NAT * 46 56.4 * 650.0 * 100. * 47. * 52. * 73. * E * 0. * E * 0.
IR * MR00175 * K * RES + CONS * 108 14.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
YELLOWWATER DAM * MT00012 * YELLOWWATER CR. * I * DEPT OF NAT * 46 56.3 * 57.0 * 9. * 32. * 37. * 7. * E * 0. * E * 0.
* MR00176 * * RES + CONS * 108 24.7 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
WARHORSE LAKE * MT00013 * FORD + SMITH OFF * I * DEPT OF NAT * 47 6.1 * 182.0 * 28. * 18. * 23. * 24. * E * 0. * E * 0.
* MR00177 * STREAM * * RES + CONS * 108 31.5 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*****
COUNTY NAME: PHILLIPS
*****
FERRIS POWER SUPPLY AREA 27
*****
FRENCHMAN NO. 2 * MT00003 * FRENCHMAN CREEK * I * DEPT OF NAT * 48 42.3 * 2200.0 * 34. * 34. * 39. * 13. * E * 0. * E * 0.
* MR00178 * * RES + CONS * 107 12.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
NELSON RESERVOIR * MT00574 * TRIB OF MILK RIV * I * DOI USBR * 48 31.7 * 9822.0 * 331. * 17. * 22. * 79. * E * 0. * E * 0.
* MR00179 * ER * * * * * 107 31.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*****
COUNTY NAME: PONDERA
*****
FERRIS POWER SUPPLY AREA 27
*****
SWIFT RESERVOIR * MT00580 * BIRCH CREEK OFFS * IR * DOI USBR * 48 10.1 * 75.0 * 111. * 37. * 42. * 34. * E * 0. * E * 0.
* MR00180 * TREAM * * * * * 112 52.8 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
SWIFT RESERVOIR * MT00581 * BIRCH CREEK * IR * DOI USBR * 48 10.0 * 75.0 * 111. * 167. * 172. * 34. * E * 0. * E * 0.
* MR00181 * * * * * 112 52.3 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
FRANCIS LAKE * MT01125 * OFFSTREAM * BIRCH * IRSP * PONDERA CANA * 48 15.8 * 146.0 * 181. * 46. * 51. * 112. * E * 0. * E * 0.
* MR00182 * DUPUYER CR. * * * * * 112 12.4 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*****
COUNTY NAME: POWDER RIVER
*****
FERRIS POWER SUPPLY AREA 30
*****
MOORHEAD DAM * MTU0001 * POWER RIVER * * * * * 45 3.6 * 8030.0 * 481. * 149. * 198. * 1150. * U * 0. * U * 0.
* MR00183 * * * * * 105 52.3 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   M O N T A N A

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PRC * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: POWELL FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE 8F
*****
SCARFACE BURNT *MTU0185*S F FLATHEAD *H * * 47 31.1 * 403.0* 815,* 275,* 0,* 0,*U 0,*U 0,
*NPS0119* * 113 11.7 * * * * * * * *T 90.54*T 155.6
FRAZIER CREEK *MTU0212*BLACKFOOT RIVER *H * * 46 56.5 * 917.0* 630,* 136,* 0,* 0,*U 0,*U 0,
*NPS0121* * 113 6.8 * * * * * * * *T 31.07*T 63.8
LOWER LINCOLN CA*MTU0213*BLACKFOOT RIVER *HC * * 46 56.6 * 482.0* 330,* 125,* 0,* 0,*U 0,*U 0,
NYON *NPS0122* * 112 55.3 * * * * * * * *T 15.01*T 30.8
ARRASTRE CREEK *MTU0214*BLACKFOOT RIVER *P * * 46 56.0 * 490.0* 322,* 140,* 0,* 0,*U 0,*U 0,
*NPS0123* * 112 54.0 * * * * * * * *T 5.50*T 22.7
UPPER LINCOLN CA*MTU0215*BLACKFOOT RIVER *HC * * 46 56.0 * 380.0* 290,* 265,* 0,* 0,*U 0,*U 0,
NYON *NPS0124* * 112 47.0 * * * * * * * *T 8.59*T 33.7
MYRICK *MTU0216*CLEARWATER RIVER *HC * * 47 1.7 * 384.0* 200,* 137,* 0,* 0,*U 0,*U 0,
*NPS0125* * 113 24.8 * * * * * * * *T 4.45*T 17.6
HEINZE *MTU0219*N F BLACKFOOT RI *HC * * 47 12.0 * 200.0* 75,* 380,* 0,* 0,*U 0,*U 0,
*NPS0126*VER * 112 54.0 * * * * * * * *T 2.61*T 10.6
CODNEY CR *MTU0220*N F BLACKFOOT *HC * * 47 11.0 * 125.0* 75,* 200,* 0,* 0,*U 0,*U 0,
*NPS0127* * 112 55.0 * * * * * * * *T 2.89*T 5.4
LOST PONY CR *MTU0221*EF OF NF BLACKFO *HC * * 47 10.3 * 110.0* 70,* 750,* 0,* 0,*U 0,*U 0,
*NPS0128*UT RIVER * 112 49.6 * * * * * * * *T 9.54*T 17.9
LOWER NEVADA CRE*MTU3037*NEVADA CREEK *H * * 46 48.6 * 165.0* 56,* 25,* 25,* 0,*U 0,*U 0,
EK *NPS2609* * 112 51.0 * * * * * * * *T .48*T .9
FLATHEAD NONAME *MTU3038*FLATHEAD RIVER *H * * 47 25.8 * 128.0* 405,* 2500,* 2500,* 0,*U 0,*U 0,
*NPS0129* * 114 21.2 * * * * * * * *T 378.54*T 693.7
NEVADA CREEK *MT00017*NEVADA CREEK *I *DEPT OF NAT * 46 48.2 * 210.0* 71,* 61,* 75,* 14,*E 0,*E 0,
*NPS0130* *RES + CONS * 112 42.9 * * * * * * * *N 1.48*N 2.8
*****

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*****

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MONTANA

(07/09/79)

PROJECT NAME	* IDENT * NUMBER * (1)	* NAME OF STREAM * CR RIVER	* PROJ * PURP * (2)	* OWNER	* LATITUDE * LONGITUDE * (DM,M)	* DRAINAGE * AREA * (SQ MI)	* AVERAGE * ANNUAL * INFLOW * (CF8)	* NET * POWER * HEAD * (FT)	* HEIGHT * OF * DAM * (FT)	* MAXIMUM * STORAGE * (1000 * AC FT)	* CAPACITY * (MW) * (3)	* ENERGY * (GWH) * (3)
COUNTY NAME: RAVALLI					FERC POWER SUPPLY AREA 30			FERC REGIONAL OFFICE CODE SF				
LOWER TRAPPER CR	*MTU0200*	*W F BITTERROOT	*H	*	* 45 48.0	* 830.0*	* 290.*	* 60.*	* 0.*	* 0.*U	* 0.*U	* 0.*
	NPS0131				* 114 11.1					*T	* 16.20*T	* 30.4
UPPER TRAPPER CR	*MTU0201*	*W F BITTERROOT	*H	*	* 45 48.2	* 765.0*	* 290.*	* 196.*	* 0.*	* 0.*U	* 0.*U	* 0.*
	NPS0132				* 114 11.4					*T	* 49.28*T	* 92.5
BLODGETT CR	*MTU0202*	*W F BITTERROOT	*H	*	* 45 45.0	* 580.0*	* 290.*	* 100.*	* 0.*	* 0.*U	* 0.*U	* 0.*
	NPS0133				* 114 15.0					*T	* 18.87*T	* 35.4
PICKERAL LODGE	*MTU0203*	*W F BITTERROOT	*H	*	* 45 41.0	* 500.0*	* 290.*	* 100.*	* 0.*	* 0.*U	* 0.*U	* 0.*
	NPS0134				* 114 15.0					*T	* 17.48*T	* 31.4
WEST FORK	*MTU0204*	*W F BITTERROOT	*H	*	* 45 33.0	* 317.0*	* 290.*	* 80.*	* 0.*	* 0.*U	* 0.*U	* 0.*
	NPS0135				* 114 16.0					*T	* 5.05*T	* 13.2
UPPER AND LOWER SULA	*MTU0205*	*E F BITTERROOT	*H	*	* 45 50.0	* 290.0*	* 290.*	* 200.*	* 0.*	* 0.*U	* 0.*U	* 0.*
	NPS0136				* 114 0.					*T	* 8.80*T	* 38.6
PAINTED ROCKS RE	*MT00019*	*WEST FORK OF BIT	*I	*DEPT OF NAT	* 45 43.1	* 570.0*	* 532.*	* 108.*	* 140.*	* 42.*E	* 0.*E	* 0.*
SERVOIR	*NPS0137*	*TERNROOT		*RES + CONS	* 114 16.8					*N	* 21.63*N	* 38.9
LAKE COMO	*MTU0564*	*RUCK CREEK	*IR	*DOI USBR	* 46 3.7	* 112.0*	* 115.*	* 51.*	* 62.*	* 40.*E	* 0.*E	* 0.*
	NPS0138				* 114 14.0					*N	* 2.16*N	* 4.0
FRED BURR RESERV	*MT00763*	*FRED BURR CREEK	*I	*MONT STATE W	* 46 21.5	* 28.0*	* 76.*	* 38.*	* 48.*	* 1.*E	* 0.*E	* 0.*
OIR	*NPS0139*			*ATER RESOURC	* 114 18.9					*N	* 1.08*N	* 2.0
TIN CUP LAKE	*MT00850*	*TIN CUP CREEK	*I	*CUP WATER CO	* 45 56.9	* 9.0*	* 25.*	* 21.*	* 25.*	* 2.*E	* 0.*E	* 0.*
	NPS0140				* 114 23.5					*N	* .19*N	* .4
BIG CREEK LAKES	*MT01174*	*BIG CREEK	*I	*BIG CREEK LA	* 46 29.2	* 8.0*	* 22.*	* 11.*	* 13.*	* 3.*E	* 0.*E	* 0.*
	NPS0141			*KES RES.ASSN	* 114 22.0					*N	* .09*N	* .2
BASS LAKE	*MT01176*	*BASS CREEK	*I		* 46 35.6	* 8.0*	* 22.*	* 29.*	* 35.*	* 4.*E	* 0.*E	* 0.*
	NPS0142				* 114 16.9					*N	* .23*N	* .4

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PJRP * 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: SANDERS FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE SF
*****
WEARE *MTU0157*BULL RIVER *HC * * 48 5.5 * 153.0 * 250. * 96. * 0. * 0. *U 0. *U 0.
      *NPS0143 * * * * 115 46.2 * * * * * * * *T 2.01 *T 7.8
BRAUER *MTU0161*VERMILLION CREEK *H * * 47 48.0 * 128.0 * 190. * 150. * 0. * 0. *U 0. *U 0.
      *NPS0144 * * * * 115 18.0 * * * * * * * *T 14.63 *T 29.1
VIEWPOINT *MTU0164*THOMPSON RIVER *H * * 47 36.0 * 566.0 * 448. * 790. * 0. * 0. *U 0. *U 0.
      *NPS0145 * * * * 115 13.0 * * * * * * * *T 106.77 *T 251.7
WEEKSVILLE *MTU3012*CLARK FORK RIVER *H * * 47 30.6 * 20700.0 * 20956. * 50. * 50. * 0. *U 0. *U 0.
      *NPS0150 * * * * 115 0. * * * * * * * *T 212.80 *T 679.2
PARADISE *MTU3015*CLARK FORK RIVER *HCR * * 47 25.2 * 19900.0 * 18410. * 241. * 0. * 0. *U 0. *U 0.
      *NPS0153 * * * * 114 50.9 * * * * * * * *T 1042.80 *T 3194.4
NOXON RAPIDS RES *MT00223*CLARK FORK *HCR * WASHINGTON * 47 56.8 * 21800.0 * 22358. * 156. * 176. * 800. *E 396.88 *E 1884.0
ERVOIR *NPS0161 * * * WATER PWR CD * 115 43.7 * * * * * * * *N 277.85 *N 406.1
THOMPSON FALLS *MT00224*CLARK FORK *H * MONTANA POWE * 47 35.3 * 20940.0 * 21199. * 60. * 0. * 25. *E 30.00 *E 131.4
      *NPS0162 * * * *R CD * 115 21.2 * * * * * * * *N 229.97 *N 694.5
UPPER DRY FORK *MT00600*OFF STREAM CANAL *I * DOI BIA * 47 45.0 * 16.0 * 95. * 21. * 29. * 3. *E 0. *E 0.
      *NPS0163 * * * * * 114 41.0 * * * * * * * *N .34 *N 1.2
DRY FORK RESERVOIR *MT00601*OFF STREAM CANAL *I * DOI BIA * 47 42.3 * 20.0 * 63. * 19. * 26. * 4. *E 0. *E 0.
      *NPS0164 * * * * * 114 40.0 * * * * * * * *N .45 *N .8
*****
COUNTY NAME: SHERIDAN FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CM
*****
MEDICINE LAKE *MT00645*LAKE CREEK *Q * FISH AND WIL * 48 25.1 * 1409.0 * 59. * 6. * 11. * 74. *E 0. *E 0.
      *MR00184 * * * *DLIFE * 104 40.0 * * * * * * * *N .09 *N .1
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- E G E N D

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

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

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * ANNUAL * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SILVER BOW FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE
*****
BASIN CREEK * MT00374 * BASIN CREEK * S * BUTTE WATER * 45 51.4 * 13.0 * 7. * 50. * 60. * 1. * E 0. * E 0.
* NPS0165 * * * * CO * 112 32.6 * * * * * * * * N .18 * N .2
*****
COUNTY NAME: STILLWATER FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE CH
*****
BENSONS BLUFF * MTU0126 * YELLOWSTONE RIVE * * * * 45 36.0 * 7860.0 * 4766. * 220. * 250. * 800. * U 0. * U 0.
* MR00185 * R * * * * 109 18.0 * * * * * * * * T 325.40 * T 726.8
*****
MYSTIC LAKE * MT00562 * WEST ROSEBUD CRE * H * MONTANA POW * 45 13.5 * 46.0 * 66. * 36. * 41. * 21. * E 10.00 * E 525.0
* MR00186 * EK * * * * R CO * 109 45.6 * * * * * * * * N 0. * N 0.
*****
COUNTY NAME: SWEET GRASS FERC POWER SUPPLY AREA 30 FERC REGIONAL OFFICE CODE CH
*****
GREY CLIFF * MTU0127 * YELLOWSTONE RIVE * * * * 45 42.0 * 7347.0 * 7913. * 250. * 255. * 800. * U 0. * U 0.
* MR00187 * R * * * * 109 42.0 * * * * * * * * T 611.29 * T 1382.4
*****
NATURAL BRIDGE * MTU0131 * BOULDER RIVER * * * * 45 33.6 * 240.0 * 445. * 315. * 500. * 80. * U 0. * U 0.
* MR00188 * * * * * 110 12.0 * * * * * * * * T 57.10 * T 95.0
*****
GLASSTON LAKE * MT00378 * TR-SWEET GRASS C * I * SWEETGRASS C * 46 .7 * 135.0 * 184. * 15. * 20. * 10. * E 0. * E 0.
* MR00189 * WEEK * * * * ANAL + RES * 109 51.5 * * * * * * * * N .59 * N 1.5
*****
COUNTY NAME: TETON FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
GIBSON RESERVOIR * MT00571 * SUN RIVER * ICR * DOI USBH * 47 36.2 * 575.0 * 770. * 173. * 178. * 105. * E 0. * E 0.
* MR00190 * * * * * 112 45.6 * * * * * * * * N 49.55 * N 86.9
*****
PISHKUN RESERVOIR * MT00575 * TRIB OF DEEP CRE * I * DOI USBH * 47 40.6 * 398.0 * 533. * 33. * 38. * 47. * E 0. * E 0.
* MR00191 * EK * * * * * 112 29.8 * * * * * * * * N 3.07 * N 8.8
*****
EUREKA RESERVOIR * MT01354 * TETON RIVER * I * * * * 47 51.4 * 3.0 * 24. * 22. * 27. * 6. * E 0. * E 0.
* MR00192 * * * * * 112 19.0 * * * * * * * * N .16 * N .4
*****

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

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLW * HEAD * DAM * (1000 * CAPACITY * ENERGY
* (1) *          * (2) *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: TETON                                FERC POWER SUPPLY AREA 27    FERC REGIONAL OFFICE CODE CH
*****
RYNUM RESERVIOR *MT01356*HUDDY CREEK *I *TETON COOPEN* 47 59.0 * 166.0* 206.* 30.* 35.* 107.*E 0.*E 0.
*MR00193*          *          *ATIVE CANAL *112 24.0 *          *          *          *N 1.67*N 3.6
*****
COUNTY NAME: TOOLE                                FERC POWER SUPPLY AREA 30    FERC REGIONAL OFFICE CODE CH
*****
SHELBY UNIT *MTU0138*SULLIVAN CREEK *          *          * 48 30.0 * 5.0* 40.* 33.* 45.* 2.*U 0.*U 0.
*MR00194*          *          *          *111 54.0 *          *          *          *T .41*T .9
*          *          *          *          *          *          *          *          *          *
MCCARTER LAKE *MT00398*WILLOW CREEK *I *8 MCCARTER * 46 30.1 * 445.0* 63.* 15.* 32.* 6.*E 0.*E 0.
*MR00195*          *          *          *111 22.9 *          *          *          *N .39*N .8
*****
COUNTY NAME: WHEATLAND                            FERC POWER SUPPLY AREA 27    FERC REGIONAL OFFICE CODE CH
*****
MARTINSDALE RESE*MT00007*S.F. MUSSELSHELL*I *DEPT OF NAT * 46 26.6 * 17.0* 7.* 39.* 44.* 23.*E 0.*E 0.
RVOIR *MR00196* OFFSTREAM *          *RES + CONS *110 15.4 *          *          *          *N .07*N .2
*          *          *          *          *          *          *          *          *          *
DEADMAN'S BASIN *MT00011*MUSSELSHELL RIVE*I *DEPT OF NAT * 46 20.5 * 670.0* 97.* 58.* 63.* 77.*E 0.*E 0.
*MR00197*R OFFSTREAM *          *RES + CONS *109 21.7 *          *          *          *N 1.75*N 3.5
*          *          *          *          *          *          *          *          *          *
MARTINSDALE RESE*MT00020*S.F. MUSSELSHELL*I *DEPT OF NAT * 46 27.1 * 17.0* 7.* 81.* 86.* 30.*E 0.*E 0.
RVOIR *MR00198* OFFSTREAM *          *RES + CONS *110 15.9 *          *          *          *N .14*N .4
*          *          *          *          *          *          *          *          *          *
*****
L E G E N D

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*****

STATE OF NEBRASKA

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 E B R A S K A

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET *HEIGHT* MAXIMUM*
PROJECT NAME * NUMBER* OR RIVER * PURP* OWNER *LONGITUDE* AREA * INFLO* *HEAD * DAM * (1000 * CAPACITY* ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ANTELOPE FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
SAINT CLAIR DAM, *NEU0007*ELKHORN RIVER, * * * 42 2.4 * 5500.0* 699.* 105.* 111.* 370.*U 0.*U 0.
*MR00201* * * * 97 56.3 * * * * * *T 19.62*T 45.4
*****
COUNTY NAME: BOYD FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
HEDBIRD *NEU0031*NIUBRARA RIVER * * * 42 46.5 * 11956.0* 1383.* 100.* 100.* 300.*U 0.*U 0.
*MR00252* * * * 98 22.5 * * * * *T 22.19*T 97.8
*****
COUNTY NAME: BUFFALO FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
KEARNEY DIVERSION *NE01398*PLATTE RIVER *I *NE PUBLIC PD* 40 41.3 * 62100.0* 1492.* 5.* 7.* 0.*E 1.50*E 2.0
N DAM RESERVOIR *MR00202* * * * *WER DISTRICT* 99 21.0 * * * * *N 0.*N 0.
*****
COUNTY NAME: BUTLER FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE 28
*****
SKULL CREEK DAM, *NEU0019*SKULL CREEK, * * * 41 22.2 * 74.0* 12.* 95.* 100.* 59.*U 0.*U 0.
*MR00203* * * * 96 57.3 * * * * *T .29*T .5
*****
SURPRISE DAMSITE *NEU0028*BIG BLUE RIVER * * * 41 6.4 * 337.0* 27.* 46.* 62.* 177.*U 0.*U 0.
*MRK0115* * * * 97 20.3 * * * * *T .30*T .3
*****
COUNTY NAME: CASS FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
BEAVER LAKE *NE00102*ROCK CREEK *R S *BEAVER LAKE * 40 55.4 * 12.0* 4.* 90.* 95.* 10.*E 0.*E 0.
*MR00204* * * * *CORP * 95 52.2 * * * * *N .08*N .2
*****
COUNTY NAME: CHASE FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
IMPERIAL DAM *NEU0004*FRENCHMAN CREEK *H *CITY OF IMPE* 40 26.0 * 880.0* 68.* 17.* 17.* 0.*E .12*E .3
*MRK0116* * * * *REAL NE *101 38.0 * * * * *N .02*N .5
*****

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*****

P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   N E B R A S K 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) * * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT * (3) * (3)
*****
COUNTY NAME: CHASE FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
ENDERS RESERVOIR *NEO1070*FRENCHMAN CREEK *ICR *DOI USBR * 40 25.1 * 786.0* 68.* 65.* 88.* 81.*E 0.*E 0.
*MRK0117* *101 30.9 * * * * * *N .48*N 2.8
*****
COUNTY NAME: CHERRY FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
RESERVOIR SITE *NEU0032*NIOBRARA RIVER * 42 52.0 * 6470.0* 645.* 75.* 100.* 36.*U 0.*U 0.
O. 5 *MRD0205* *100 14.5 * * * * * *T 6.13*T 34.6
*****
SPARKS *NEU0033*NIOBRARA RIVER * 42 54.5 * 6396.0* 838.* 60.* 80.* 21.*U 0.*U 0.
*MRD0206* *100 23.0 * * * * * *T 4.85*T 27.4
*****
THACHER *NEU0035*NIOBRARA RIVER * 42 51.5 * 5794.0* 578.* 106.* 106.* 105.*U 0.*U 0.
*MRD0207* *100 30.0 * * * * * *T 7.66*T 43.8
*****
PIERCE MILLING *NEO0600*MINNECHADUZA CRE*H *NE PUBLIC PU* 42 53.1 * 390.0* 34.* 22.* 30.* 0.*E 2.00*E 6.7
LANT TESERVOIR *MRD0208*EK * *WER DISTRICT*100 33.2 * * * * * *N 0.*N 0.
*****
MERRITT RESERVOIR *NEO1074*SNAKE RIVER *IR *DUI USBR * 42 38.1 * 620.0* 196.* 110.* 115.* 86.*E 0.*E 0.
*MRD0209* *100 52.3 * * * * * *N 2.77*N 15.7
*****
COUNTY NAME: CUMING FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
MONTERREY DAM. *NEU0006*PEBBLE CREEK. * 41 46.8 * 100.0* 20.* 90.* 95.* 250.*U 0.*U 0.
*MRD0210* *96 49.4 * * * * * *T .40*T .8
*****
COUNTY NAME: DAWES FERC POWER SUPPLY AREA 31 FERC REGIONAL OFFICE CODE CH
*****
BOX BUTTE RESERVOIR *NEO1069*NIOBRARA RIVER *IR *DOI USBR * 42 27.5 * 1500.0* 27.* 56.* 61.* 47.*E 0.*E 0.
OIR *MRD0211* *103 4.0 * * * * * *N .74*N 1.0
*****

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(07/09/79)

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF NEBRASKA

(07/09/79)

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*****
* AVERAGE * NET * HEIGHT * MAXIMUM *
* IDENT * NAME OF STREAM * PROJ * * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: DOUGLAS FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
IRVINGTON *NE01518*PAPILLION CREEK *C R *DAEN MRD * 41 20.3 * 26.0 * 7. * 46. * 51. * 23. *E 0. *E 0.
*MR00219* * 96 3.3 * * * * * * *N .07*N .1
*****
COUNTY NAME: FRONTIER FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
HARRY STRUNK LAKE*NE01073*MEDICINE CREEK *ICR *DDI USBR * 40 22.7 * 642.0 * 68. * 81. * 109. * 196. *E 0. *E 0.
E AND MEDICINE C*MRK0118* * * * * 100 13.0 * * * * * *N .36*N 1.1
* * * * *
HUGH BUTLER LAKE*NE01076*RED WILLOW CREEK*ICR *DDI USBR * 40 21.6 * 310.0 * 29. * 86. * 117. * 164. *E 0. *E 0.
AND RED WILLOW *MRK0119* * * * * 100 39.9 * * * * * *N .13*N .2
*****
COUNTY NAME: GAGE FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
BLUE SPRINGS NO *NEU0001*BIG BLUE RIVER *H *NEBRASKA PUB* 40 8.0 * 4224.0 * 725. * 12. * 12. * 0. *E .42*E 1.2
2 DAM *MRK0120* * * * *LIC POW DIST* 96 39.0 * * * * * *N 2.49*N 3.4
* * * * *
HOLMESVILLE DAM *NEU0003*BIG BLUE RIVER *H *NEBRASKA PUB* 40 12.0 * 4034.0 * 692. * 14. * 14. * 0. *E .28*E .9
*MRK0121* * * * * POW DIST * 96 38.0 * * * * * *N 2.96*N 4.2
* * * * *
BIG INDIAN CREEK*NE00967*TR-BIG INDIAN CR*C *LOWER BIG BL* 40 5.6 * 160.0 * 71. * 30. * 40. * 1. *E 0. *E 0.
RESERVOIR 2-A *MRK0122*EEK * *UE NRD * 96 43.0 * * * * * *N .09*N .1
* * * * *
BARNESTON POWER *NEU01017*BIG BLUE RIVER *HR *NORRIS PUBLI* 40 3.2 * 4370.0 * 762. * 14. * 19. * 3. *E .75*E 1.2
PLANT DAM *MRK0123* * *C POWER DIST* 96 35.3 * * * * * *N 2.77*N 4.3
*****
COUNTY NAME: GARFIELD FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
BURWELL-SUMTER D*NE01464*NORTH LOUP RIVER*I *NORTH LOUP R* 41 47.5 * 3490.0 * 706. * 10. * 13. * 1. *E 0. *E 0.
IVERSION RESERVO*MR00223* * *IVER PUBLIC * 99 7.8 * * * * * *N .70*N 4.7
* * * * *
*****

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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   N E B R A S K A

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: GOSPER FERC POWER SUPPLY AREA 31 FERC REGIONAL OFFICE CODE CH
*****
EARTH DAM-CANAL *NE01022*PLATTE OFFSTREAM*HI *CEN NE PUB P* 40 40.9 * 0. * 0. * 23. * 29. * 0. *E 18.00*E 100.0
MILE 713 *MR00224* * * * * * * * * * * * * * * * *N 0. *N 0.
JOHNSON RESERVOIR *NE01025*PLATTE OFFSTREAM*HC *CEN NE PUB P* 40 40.5 * 14000.0 * 318. * 39. * 44. * 59. *E 18.00*E 100.0
R *MR00225* * * * * * * * * * * * * * * * *N 0. *N 0.
*****
COUNTY NAME: HARLAN FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
HARLAN COUNTY LAKE *NE01066*REPUBLICAN *CI *DAEN MRK * 40 4.0 * 13536.0 * 436. * 74. * 100. * 841. *E 0. *E 0.
KE *MRK0124* * * * * * * * * * * * * * * * *N 3.46*N 11.8
*****
COUNTY NAME: HITCHCOCK FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
SWANSON LAKE AND TRENTON DAM *NE01078*REPUBLICAN RIVER*ICR *DOI USBR * 40 10.2 * 3941.0 * 138. * 68. * 92. * 362. *E 0. *E 0.
*MRK0125* * * * * * * * * * * * * * * * *N 1.79*N 7.3
*****
COUNTY NAME: HOLT FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
PHOENIX 2 *NEU0029*NIOBRARA RIVER * * * * 42 54.0 * 10110.0 * 1169. * 100. * 100. * 37. *U 0. *U 0.
*MR00226* * * * * * * * * * * * * * * * *T 18.76*T 82.7
OTTER CREEK *NEU0030*NIOBRARA RIVER * * * * 42 49.5 * 7928.0 * 917. * 145. * 145. * 120. *U 0. *U 0.
*MR00227* * * * * * * * * * * * * * * * *T 21.34*T 94.0
NORTHERN NEBRASKA A PLANT NO 1 *NE00628*NIOBRARA RIVER *H *NE PUBLIC PO * 42 48.5 * 12100.0 * 1399. * 17. * 23. * 5. *E 2.64*E 11.0
*MR00228* * * * * * * * * * * * * * * * *N 1.18*N 5.8
*****
COUNTY NAME: JOHNSON FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
TECUMSEH RES *NEU0024*YANKEE CREEK * * * * 40 22.0 * 62.0 * 25. * 51. * 69. * 27. *U 0. *U 0.
*MRK0126* * * * * * * * * * * * * * * * *T .21*T .3
*****

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

(07/09/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME * IDENT * NAME OF STREAM * PROJ *      *      *      *      *      *      *      *      *      *
* NUMBER * OR RIVER * PUMP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * NET * HEIGHT * MAXIMUM *
* (1) * * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: KEWA PAHA ***** FERC POWER SUPPLY AREA 28 ***** FERC REGIONAL OFFICE CODE CH *****
*****
LONG PINE *NEU0034*LONG PINE * * * * 42 43.5 * 405.0* 141.* 150.* 150.* 115.*U 0.*U 0.
*MR00253* * * * * 99 38.0 * * * * * * * * * *T 2.55*T 15.1
*****
COUNTY NAME: KIMBALL ***** FERC POWER SUPPLY AREA 31 ***** FERC REGIONAL OFFICE CODE CH *****
*****
OLIVER RESERVOIR*NE00749*LODGEPOLE CREEK *I * KIMBALL IRRIG * 41 13.3 * 1361.0* 11.* 38.* 43.* 13.*E 0.*E 0.
*MR00229* * * * * GATION DISTR*103 48.6 * * * * * * * * * *N .06*N .3
*****
COUNTY NAME: LANCASTER ***** FERC POWER SUPPLY AREA 28 ***** FERC REGIONAL OFFICE CODE CH *****
*****
WAGON TRAIN LAKE*NE01056*HICKMAN BRANCH S*CR *DAEN MRO * 40 37.2 * 26.0* 10.* 42.* 47.* 12.*E 0.*E 0.
*MR00230*ALT CREEK * * * * * 96 35.0 * * * * * * * * * *N .08*N .2
*****
PAWNEE DAM-SITE *NE01057*NORTH BRANCH MID*CH *DAEN MRO * 40 50.4 * 31.0* 11.* 60.* 65.* 33.*E 0.*E 0.
14 *MR00231*OLE CREEK * * * * * 96 51.9 * * * * * * * * * *N .14*N .3
*****
STAGECOACH DAM-S*NE01059*HICKMAN BRANCH S*CR *DAEN MRO * 40 36.3 * 9.0* 5.* 39.* 44.* 10.*E 0.*E 0.
ITE 9 *MR00232*ALT CREEK * * * * * 96 38.2 * * * * * * * * * *N .05*N .1
*****
BRANCHED OAK LAK*NE01063*SALT CREEK *CR *DAEN MRO * 40 58.2 * 74.0* 19.* 77.* 82.* 115.*E 0.*E 0.
E *MR00233* * * * * * 96 51.2 * * * * * * * * * *N .39*N .5
*****
BLUESTEM LAKE *NE01064*OLIVE BRANCH SAL*CH *DAEN MRO * 40 37.7 * 17.0* 6.* 49.* 54.* 16.*E 0.*E 0.
*MR00234*T CREEK * * * * * 96 47.4 * * * * * * * * * *N .06*N .1
*****
COUNTY NAME: LINCOLN ***** FERC POWER SUPPLY AREA 28 ***** FERC REGIONAL OFFICE CODE CH *****
*****
JEFFERY REGULATI*NE01036*CONROY CANYON CO*HI *CEN NE PUB P* 40 57.7 * 4900.0* 193.* 62.* 67.* 13.*E 18.00*E 100.0
NG RESERVOIR *MR00235*ULEE * * * * * HR + IR DIST*100 24.3 * * * * * * * * * *N 0.*N 0.
*****
SUTHERLAND RESER*NE01051*SOUTH PLATTE OFF*HI *NEBRASKA PUB* 41 7.6 * 254.0* 42.* 51.* 56.* 182.*E 0.*E 0.
VOIR *MR00236*STREAM * * * * * PWR DIST *101 8.2 * * * * * * * * * *N .23*N 1.6
*****

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L E G E N D

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

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * UNNEH * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LINCOLN FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
MALONEY DAM *NE01052* SOUTH PLATTE OFF *H * NEBRASKA PUB * 41 3.3 * 465.0 * 77. * 31. * 36. * 21. *E 26.10 *E 100.0
*MR00237* STREAM * * PWK DIST * 100 47.0 * * * * * * *N 0. *N 0.
* * * * *
GOTHENBURG DIVER *NE01479* PLATTE RIVER *I * LE PUBLIC PO * 40 59.3 * 60200.0 * 638. * 9. * 12. * 0. *E .40 *E 1.7
SION DAM RESERVOIR *MR00238 * * RER DISTRICT * 100 20.6 * * * * * * *N .04 *N .3
*****
COUNTY NAME: LOUP FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
TAYLOR-ORD DIVER *NE01460* NORTH LOUP RIVER *I * NORTH LOUP R * 41 47.7 * 2210.0 * 447. * 7. * 9. * 0. *E 0. *E 0.
SION RESERVOIR *MR00239 * * RIVER PUBLIC * 99 27.6 * * * * * * *N .41 *N 2.2
*****
COUNTY NAME: MORRILL FERC POWER SUPPLY AREA 31 FERC REGIONAL OFFICE CODE CH
*****
BELMONT DIVERSIO *NE01461* NORTH PLATTE RIV *I * BRIDGEPORT I * 41 42.1 * 29300.0 * 1574. * 7. * 9. * 0. *E 0. *E 0.
N RESERVOIR *MR00240 * ER * RIRIGATION UI * 103 14.7 * * * * * * *N 2.02 *N 6.0
*****
COUNTY NAME: NANCE FERC POWER SUPPLY AREA 31 FERC REGIONAL OFFICE CODE CH
*****
FULLERTON PLANT *NE00327* CEDAR RIVER *H * CITY OF FULL * 41 22.5 * 1220.0 * 240. * 14. * 18. * 1. *E 0. *E 0.
*MR00241 * * ERTON * 97 57.9 * * * * * * *N .51 *N 2.2
* * * * *
LOUP DIVERSION *NE01054* LOUP *H * LOUP RIVER P * 41 23.6 * 14410.0 * 773. * 5. * 7. * 0. *E 7.00 *E 23.3
*MR00242 * * UB PWK DIST * 97 49.3 * * * * * * *N 0. *N 0.
*****
COUNTY NAME: NEMAHA FERC POWER SUPPLY AREA 28 FERC REGIONAL OFFICE CODE CH
*****
AUBURN RES *NE00020* MUDDY CREEK * * * * 40 19.4 * 59.0 * 24. * 47. * 64. * 30. *U 0. *U 0.
*MR00127 * * * * 95 56.0 * * * * * * *T .46 *T .8
* * * * *
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(3) - U=INSTALLED CAPACITY AND ENERGY   T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF NEBRASKA

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * ANNUAL * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) *          * (2) *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: OTTOE                FERC POWER SUPPLY AREA 28    FERC REGIONAL OFFICE CODE CH
*****
PALMYRA RES      *NEU0022*HOOVER CREEK *      *      * 40 42.8 * 59.0 * 24. * 38. * 52. * 34. *U  0. *U  0.
*MRK0128*        *      *          *      *      * 96 19.3 *      *      *      *      *T  .37*T .5
*****
COUNTY NAME: PLATTE                FERC POWER SUPPLY AREA 28    FERC REGIONAL OFFICE CODE CH
*****
LAKE BABCOCK-LAK *NE01053*LOUP CANAL *H *LOUP RIVER P * 41 28.0 * 14400.0 * 906. * 27. * 32. * 20. *E 39.90 *E 116.0
E NORTH          *MR00243*        *      *      *      *      *      *      *      *      *N  0. *N  0.
*****
COUNTY NAME: RICHARDSON            FERC POWER SUPPLY AREA 28    FERC REGIONAL OFFICE CODE CH
*****
HUMBOLDT RES     *NEU0021*LONG BRANCH CREE *      *      * 40 10.4 * 49.0 * 20. * 47. * 63. * 29. *U  0. *U  0.
*MRK0129*K       *      *          *      *      * 95 58.3 *      *      *      *      *T  .37*T .5
*****
STELLA RES       *NEU0023*LITTLE MUDDY CRE *      *      * 40 12.4 * 45.0 * 18. * 49. * 66. * 23. *U  0. *U  0.
*MRK0130*EK      *      *          *      *      * 95 47.6 *      *      *      *      *T  .35*T .4
*****
COUNTY NAME: SALINE                FERC POWER SUPPLY AREA 28    FERC REGIONAL OFFICE CODE CH
*****
WILBER DAM       *NEU0002*BIG BLUE RIVER *H *WILBUR HYDRO * 40 34.0 * 2773.0 * 360. * 51. * 51. *      *E  .26 *E  .6
*MRK0131*        *      *          *      *      * 96 57.0 *      *      *      *      *N  2.99 *N  9.2
*****
SHESTAK DAMSITE *NEU0026*TURKEY CREEK *      *      * 40 34.0 * 415.0 * 78. * 44. * 60. * 181. *U  0. *U  0.
*MRK0132*        *      *          *      *      * 97  3.6 *      *      *      *      *T  1.07 *T  2.5
*****
DEWITT DAM       *NEU0136*BIG BLUE RIVER *H *JOHN A ZWONE * 40 23.0 * 2799.0 * 368. * 51. * 51. *      *E  .24 *E  .8
*MRK0133*        *      *          *      *      * 96 56.0 *      *      *      *      *N  3.04 *N  9.1
*****
COUNTY NAME: SCOTTS BLUFF          FERC POWER SUPPLY AREA 31    FERC REGIONAL OFFICE CODE CH
*****
LAKE ALICE       *NE01071*NORTH PLATTE RIV *IR *DOI USBR * 41 58.4 * 174.0 * 95. * 8. * 13. * 13. *E  0. *E  0.
*MR00244*EK OFFSTREAM *      *          *      *      * 103 35.7 *      *      *      *      *N  .14 *N  .5
*****

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L E G E N D

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

(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 (CFS)	NET POWER OF HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	ENERGY CAPACITY (MW) (3)	ENERGY (GWH) (3)
*****													
COUNTY NAME: SCOTTS BLUFF						FERC POWER SUPPLY AREA 31			FERC REGIONAL OFFICE CODE CH				
*****													
LAKE ALICE		NE01072	NORTH PLATTE RIV	IR	DOI USBR	41 59.2	173.0	94.	24.	29.	13.	E 0.	E 0.
		MR00245	EN OFFSTREAM			103 37.9						N .42	N 1.6
LAKE MINTARE		NE01075	NORTH PLATTE RIV	IR	DOI USBR	41 55.0	180.0	98.	43.	48.	62.	E 0.	E 0.
		MR00246	ER			103 30.0						N .79	N 3.0
TRI-STATE DIVERSION RESERVOIR		NE01503	NORTH PLATTE RIV	I	FARMERS IRRIGATION DIST	41 54.1	24300.0	992.	7.	10.	0.	E 0.	E 0.
		MR00247	ER			104 2.0						N 1.54	N 4.8
COUNTY NAME: SEWARD						FERC POWER SUPPLY AREA 28			FERC REGIONAL OFFICE CODE CH				
*****													
SEWARD VIEW DAMS		NEU0025	LINCOLN CREEK			40 54.8	445.0	44.	41.	55.	227.	U 0.	U 0.
ITE		MRK0134				97 8.8						T 1.05	T 2.4
BEAVER CROSSING DAMS		NEU0027	WEST FORK BIG BL			40 46.7	1154.0	170.	59.	80.	535.	U 0.	U 0.
SITE		MRK0135	UE RIVER			97 18.3						T 1.85	T 4.9
TWIN LAKES DAMS		NE01060	SOUTH BRANCH MID	CH	DAEN MRO	40 49.5	8.0	5.	45.	50.	11.	E 0.	E 0.
ITE 13		MR00248	OLE CREEK			96 57.4						N .05	N .1
COUNTY NAME: SHERMAN						FERC POWER SUPPLY AREA 28			FERC REGIONAL OFFICE CODE CH				
*****													
SHERMAN RESERVOIR		NE01077	DAK CREEK	IR	DOI USBR	41 18.2	20000.0	2712.	85.	90.	93.	E 0.	E 0.
R		MR00249				98 52.0						N 36.76	N 159.6
COUNTY NAME: THURSTON						FERC POWER SUPPLY AREA 28			FERC REGIONAL OFFICE CODE CH				
*****													
PENDER DAM.		NEU0005	LOGAN CREEK.			42 7.0	700.0	138.	52.	57.	289.	U 0.	U 0.
		MR00250				96 43.7						T 1.71	T 3.3
*****													
LEGEND													

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 E B R A S K A

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          *          * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER *   OR RIVER   * PURP *   OWNER  * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
*   (1)   *              *   (2)   *              * (DM,M)  * (SQ MI) * (CFS)  * (FT)  * (FT) * AC FT) *   (3)  *   (3)
*****
COUNTY NAME: VALLEY                                FERC POWER SUPPLY AREA 20    FERC REGIONAL OFFICE CODE CH
*****
*          *          *          *          *          *          *          *          *          *
HARDENBROOK DIVE#NE01509#NORTH LOUP RIVER#I    #NORTH LOUP R# 41 35.8 *    3960.0*    540.*    7.*    9.*    0.*E    0.*E    0.
RSION RESERVOIR #MR00251#                      #IVER PUBLIC * 98 54.5 *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *
*****
L E G E N D

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*****

STATE OF NEW MEXICO

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

POTENTIAL INCREMENTAL CAPACITY RANGES																	
	H	E	A	D	I	N	F	E	T	S	G	V	I	N	H		
	C	U	M	O	L	A	L	I	E		I	E	I	E	I		
	M	T	O	T	A	L	L	G			G	V	I	N	H		
	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	*05 MW = 15 MW	*15 MW = 25 MW	*GREATER THAN 25 MW	*TOTAL													
	EXIST*	EXIST*	UNDEV*	TOTAL*	EXIST*	EXIST*	UNDEV*	TOTAL*	EXIST*	EXIST*	UNDEV*	TOTAL*	EXIST*	EXIST*	UNDEV*	TOTAL*	
	INST*	INCR*	POTEN*	INCR*	INST*	INCR*	POTEN*	INCR*	INST*	INCR*	POTEN*	INCR*	INST*	INCR*	POTEN*	INCR*	
	1 CAP*	2 CAP*	3 CAP*	4 CAP*	1 CAP*	2 CAP*	3 CAP*	4 CAP*	1 CAP*	2 CAP*	3 CAP*	4 CAP*	1 CAP*	2 CAP*	3 CAP*	4 CAP*	
U-19	NUMBER	0*	0*	1*	1*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	1*	1*
	CAPCTY	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*
	ENERGY	0.0*	0.0*	0.1*	0.1*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.1*	0.1*
20-49	NUMBER	0*	4*	11*	15*	0*	0*	0*	0*	0*	0*	0*	0*	0*	4*	11*	15*
	CAPCTY	0.0*	3.5*	2.8*	6.3*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	3.5*	2.8*	6.3*
	ENERGY	0.0*	8.9*	6.6*	15.6*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	8.9*	6.6*	15.6*
50-99	NUMBER	0*	14*	21*	35*	0*	0*	0*	0*	0*	1*	0*	1*	0*	15*	21*	36*
	CAPCTY	0.0*	21.9*	11.7*	33.6*	0.0*	0.0*	0.0*	0.0*	0.0*	28.0*	0.0*	28.0*	0.0*	49.9*	11.7*	61.7*
	ENERGY	0.0*	64.7*	24.8*	89.5*	0.0*	0.0*	0.0*	0.0*	0.0*	71.2*	0.0*	71.2*	0.0*	136*	24.8*	161*
>100	NUMBER	0*	6*	11*	19*	1*	1*	0*	1*	0*	3*	3*	6*	1*	12*	14*	26*
	CAPCTY	0.0*	29.2*	31.1*	60.4*	24.2*	24.0*	0.0*	24.0*	0.0*	179*	359*	538*	24.2*	232*	390*	622*
	ENERGY	0.0*	70.4*	87.9*	158*	96.0*	49.0*	0.0*	49.0*	0.0*	398*	1101*	1499*	96.0*	517*	1189*	1707*
TOTAL	NUMBER	0*	26*	44*	70*	1*	1*	0*	1*	0*	4*	3*	7*	1*	31*	47*	78*
	CAPCTY	0.0*	54.7*	45.7*	101*	24.2*	24.0*	0.0*	24.0*	0.0*	207*	359*	566*	24.2*	286*	404*	690*
	ENERGY	0.0*	144*	120*	264*	96.0*	49.0*	0.0*	49.0*	0.0*	469*	1101*	1570*	96.0*	662*	1221*	1883*

L E G E N D.

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

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

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CATRON FERC POWER SUPPLY AREA 39 FERC REGIONAL OFFICE CODE SF
*****
QUEMADO LAKE *NM00139*LARGO * R *NEW MEXICO G* 34 8.3 * 63.0* 1.* 55.* 73.* 3.*E 0.*E 0.
*SPL0137* *AME FISH DEP*108 29.8 * * * * *N .65*N 1.5
*****
COUNTY NAME: CHAVES FERC POWER SUPPLY AREA 36 FERC REGIONAL OFFICE CODE
*****
DIAMOND A DAM TH*NM00004*RID MONDU * C *DAEN SWA * 33 17.9 * 963.0* 8.* 69.* 93.* 262.*E 0.*E 0.
D RIVERS DAM *SWA0055* * * *104 43.3 * * * * *N .53*N .6
*****
COUNTY NAME: COLFAX FERC POWER SUPPLY AREA 34 FERC REGIONAL OFFICE CODE FW
*****
DAM SITE D *NMU0172*CHICORICA CREEK *SRH * * 36 43.6 * 362.0* 11.* 41.* 55.* 57.*U 0.*U 0.
*SWA0056* * * *104 26.6 * * * * *T .10*T .1
*****
BLACK LAKE *NMU0234*COYOTE CREEK *IR * * 36 16.3 * 48.0* 10.* 27.* 37.* 22.*U 0.*U 0.
*SWA0057* * * *105 14.8 * * * * *T .05*T .1
*****
EAGLE NEST LAKE *NMU0351*CIMARRON CREEK *IR *C S RANCH CO* 36 32.0 * 167.0* 14.* 105.* 124.* 79.*E 0.*E 0.
*SWA0058* * * *105 14.0 * * * * *N 1.62*N 4.3
*****
LAKE MALOYA *NMU0370*CHICORICA CREEK *SR *CITY OF RATO* 36 59.0 * 21.0* 6.* 55.* 71.* 4.*E 0.*E 0.
*SWA0059* * * *104 22.5 * * * * *N .12*N .3
*****
COUNTY NAME: DEBACA FERC POWER SUPPLY AREA 36 FERC REGIONAL OFFICE CODE
*****
LAKE SUMNER *NM00130*PECOS RIVER *IC *USA * 34 36.5 * 4390.0* 208.* 106.* 143.* 259.*E 0.*E 0.
*SWA0060* * * *104 23.1 * * * * *N 4.10*N 9.6
*****
COUNTY NAME: EDDY FERC POWER SUPPLY AREA 39 FERC REGIONAL OFFICE CODE FW
*****
BRANTLEY *NMU0243*PECOS RIVER *C+I *DIRR * 32 30.9 * 16090.0* 144.* 74.* 100.* 636.*U 0.*U 0.
*SWA0061* * * *104 24.0 * * * * *T 2.27*T 6.4
*****

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L E G E N D

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

*****

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

(07/09/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PRUJ PURP	OWNER	LATITUDE LONGITUDE (DM,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: EDDY					FERC POWER SUPPLY AREA 36			FERC REGIONAL OFFICE CODE				
*****												
AVALON	NM00132	PECOS RIVER	I	USA	32 29.4	18070.0	168.	30.	40.	37.E	0. E	0.
	SWA0062				104 15.2					N	1.08N	2.9
MCMILLAN	NM00133	PECOS RIVER	I	USA	32 35.7	16990.0	336.	30.	40.	67.E	0. E	0.
	SWA0063				104 20.8					N	2.07N	5.1
*****												
COUNTY NAME: GRANT					FERC POWER SUPPLY AREA 39			FERC REGIONAL OFFICE CODE FW				
*****												
TAJIQUE WATERSHE D SITE 1	NM00224	TORREON DRAW	C		34 42.4	112.0	57.	31.	42.	22.U	0. U	0.
	SWA0064				106 8.3					T	.43T	1.1
MIMBRES	NM00244	MIMBRES			32 55.1	64.0	5.	61.	83.	10.U	0. U	0.
	SWA0121				108 .1					T	.13T	.1
*****												
COUNTY NAME: GUADALUPE					FERC POWER SUPPLY AREA 36			FERC REGIONAL OFFICE CODE FW				
*****												
LOS ESTEROS DAM	NM00192	PECOS RIVER	CIR	DAEN SWA	35 1.7	2430.0	151.	146.	198.	697.U	0. U	0.
	SWA0065				104 41.4					T	3.02T	6.3
*****												
COUNTY NAME: LINCOLN					FERC POWER SUPPLY AREA 39			FERC REGIONAL OFFICE CODE				
*****												
UPPER RIO HONDO SITE 1	NM00221	SALADO CREEK + GYP SPRING CAN	C	UPPER HONDO	33 32.0	122.0	14.	57.	77.	6.E	0. E	0.
	SWA0066			NAT RES C D	105 28.8					N	.24N	.5
BONITO DAM	NM00249	RIO BONITO	S	CITY OF ALAMOGORDO	33 27.3	40.0	5.	75.	101.	2.E	0. E	0.
	SWA0067				105 44.0					N	.10N	.2
*****												
COUNTY NAME: MORA					FERC POWER SUPPLY AREA 39			FERC REGIONAL OFFICE CODE FW				
*****												
LOMA PARDA DAM	NM00235	MORA RIVER	IR		35 51.7	512.0	26.	115.	155.	95.U	0. U	0.
	SWA0068				105 4.7					T	.79T	1.4
*****												
LEGEND												

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF NEW MEXICO

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * CF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: MORA FERC POWER SUPPLY AREA 39 FERC REGIONAL OFFICE CODE FW
*****
ROMEROVILLE *NMU0252*MORA RIVER * * * * 36 4 * 62.0 * 10. * 56. * 66. * 3. *U 0. *U 0.
*SWA0069 * * * * 105 20.4 * * * * *T .14*T .3
*****
COUNTY NAME: OTERO FERC POWER SUPPLY AREA 39 FERC REGIONAL OFFICE CODE
*****
CIENEGITA DAM *NM00161*CARRIZO CREEK *R *MESCALERO AP* 33 17.9 * 20.0 * 7. * 63. * 85. * 4. *E 0. *E 0.
*SWA0070 * * * *ACHE TRIBE *105 41.1 * * * * *N .11*N .3
*****
COUNTY NAME: QUAY FERC POWER SUPPLY AREA 36 FERC REGIONAL OFFICE CODE FW
*****
PLAZA LARGO *NMU0254*PLAZA LARGO CREEK * * * * 35 5.0 * 337.0 * 10. * 54. * 73. * 83. *U 0. *U 0.
*SWA0071*K * * * * 103 40.2 * * * * *T .11*T .1
*****
PAJARITO *NMU0255*PAJARITO CREEK * * * * 35 10.1 * 337.0 * 10. * 89. * 120. * 153. *U 0. *U 0.
*SWA0072 * * * * 103 50.0 * * * * *T .17*T .2
*****
UTE RESERVOIR *NM00293*CANADIAN RIVER *R U *NM INSTATE S* 35 21.0 * 11140.0 * 235. * 90. * 122. * 110. *E 0. *E 0.
*SWA0073 * * * *TREAM *103 27.0 * * * * *N 2.64*N 3.8
*****
COUNTY NAME: RIO ARRIBA FERC POWER SUPPLY AREA 39 FERC REGIONAL OFFICE CODE FW
*****
ESPANOLA RIO CHAMA *NMU0177*ARROYO DE LA PLAZA *C * * * * 36 1.4 * 18.0 * 6. * 58. * 78. * 3. *U 0. *U 0.
MA WATERSHED NO *SWA0074*ZA LARGA * * * * 106 6.2 * * * * *T .10*T .2
*****
PLANT NO 1 *NMU0198*RIO CHAMA *P * * * * 36 30.7 * 925.0 * 392. * 111. * 130. * 46. *U 0. *U 0.
*SWA0075 * * * * 106 43.3 * * * * *T 6.26*T 20.8
*****
PLANT NO 2 *NMU0199*RIO CHAMA *P * * * * 36 28.5 * 1172.0 * 496. * 111. * 130. * 34. *U 0. *U 0.
*SWA0076 * * * * 106 42.5 * * * * *T 9.69*T 29.5
*****
PLANT NO 3 *NMU0200*RIO CHAMA *P * * * * 36 18.8 * 1630.0 * 340. * 111. * 130. * 77. *U 0. *U 0.
*SWA0077 * * * * 106 35.2 * * * * *T 5.92*T 20.7
*****
*****
L E G E N D

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

(07/09/79)

*****												
PROJECT NAME	* IDENT * * NUMBER * (1)	* NAME OF STREAM * * CR RIVER *	* PROJ * * PURP * (2)	* OWNER *	* LATITUDE * * LONGITUDE * (DM,M)	* DRAINAGE * * AREA * (SQ MI)	* AVERAGE * * ANNUAL * * INFLOW * (CFS)	* NET * * POWER * * HEAD * (FT)	* HEIGHT * * OF * * DAM * (FT)	* MAXIMUM * * STORAGE * * (1000 * * AC FT)	* CAPACITY * * (MW) * (3)	* ENERGY * * (GWH) * (3)
*****												
COUNTY NAME: RIO ARRIIBA					FERC POWER SUPPLY AREA 39			FERC REGIONAL OFFICE CODE FW				
*****												
WILLOW CREEK NO 1	*NMU0232*	WILLOW CREEK	*P*		* 36 49.7 *	110.0*	61.*	77.*	90.*	5.*U	0.*U	0.
	SWA0078				*106 38.1 *					*T	1.64*T	2.1
WILLOW CREEK NO 3	*NMU0233*	WILLOW CREEK	*P*		* 36 44.4 *	130.0*	138.*	128.*	151.*	124.*U	0.*U	0.
	SWA0079				*106 37.4 *					*T	2.51*T	3.6
EL RITO	*NMU0245*	EL RITO			* 36 25.0 *	43.0*	18.*	160.*	216.*	15.*U	0.*U	0.
	SWA0060				*106 15.0 *					*T	.88*T	1.8
AQUA	*NMU0248*	RIO VALLECITOS			* 36 25.8 *	153.0*	24.*	98.*	126.*	13.*U	0.*U	0.
	SWA0081				*106 5.1 *					*T	.77*T	1.1
AMADOR	*NMU0249*	CANADA DEL BANDO			* 36 30.2 *	44.0*	18.*	84.*	107.*	8.*U	0.*U	0.
	SWA0082				*106 25.7 *					*T	.48*T	1.0
ABIQUIU DAM	*NM00001*	RIO CHAMA	*C D	*DAEN SWA	* 36 14.4 *	2146.0*	386.*	236.*	319.*	1374.*E	0.*E	0.
	SWA0083		*R		*106 25.8 *					*N	27.81*N	64.2
HERON RESERVOIR	*NMU0122*	WILLOW CREEK	*ISR	*USA	* 36 40.0 *	193.0*	107.*	210.*	254.*	430.*E	0.*E	0.
	SWA0084				*106 42.6 *					*N	4.91*N	7.8
EL VADO	*NMU0127*	RIO CHAMA	*ICR	*USA	* 36 35.6 *	873.0*	356.*	124.*	153.*	226.*E	0.*E	0.
	SWA0085				*106 44.0 *					*N	6.54*N	21.8
LA JARA LAKE	*NMU0186*	TR LA JARA CREEK	*IR	*DOI BIA	* 36 44.4 *	15.0*	22.*	20.*	24.*	5.*E	0.*E	0.
	SPK0778				*107 0. *					*N	.10*N	.3
*****												
COUNTY NAME: SAN JUAN					FERC POWER SUPPLY AREA 32			FERC REGIONAL OFFICE CODE SF				
*****												
NAVAJO DAM TO FARMINGTON	*NMU0238*	SAN JUAN RIVER	*IHR		* 36 43.0 *	3558.0*	1519.*	490.*	0.*	0.*U	0.*U	0.
	SPK0779				*108 14.0 *					*T	155.42*T	331.7
FARMINGTON TO SHIPROCK	*NMU0239*	SAN JUAN RIVER	*IHR		* 36 47.5 *	7240.0*	2589.*	370.*	0.*	0.*U	0.*U	0.
	SPK0780				*108 43.5 *					*T	134.83*T	290.8
*****												

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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   N E W   M E X I C O

(07/09/79)

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*****
* AVERAGE * NET * HEIGHT * MAXIMUM *
* IDENT * NAME OF STREAM * PROJ * * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,H) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SAN JUAN FERC POWER SUPPLY AREA 32 FERC REGIONAL OFFICE CODE SF
*****
SHIPROCK NM TO U*NMU0240*SAN JUAN RIVER *IRR * * 37 4.5 * 12900.0 * 2679. * 300. * 0. * 0. *U 0. *U 0.
PPER LIMIT BLUFF*SPK0781* * * * 109 5.0 * * * * *T 68.30*T 478.7
* * * * *
NAVAJO RESERVOIR*NM00120*SAN JUAN RIVER *IRMO *USABR * 36 48.5 * 3195.0 * 1300. * 370. * 382. * 1986. *E 0. *E 0.
*SPK0762* * * * 107 36.5 * * * * *N 24.00*N 49.0
* * * * *
MORGAN LAKE *NM00248*OFF STREAM SAN J *O *ARIZONA PUB * 36 42.0 * 7300.0 * 2393. * 111. * 137. * 42. *E 0. *E 0.
*SPK0783*UAN RIVER * *SERV CO * 108 30.0 * * * * *N 63.07*N 148.0
* * * * *
BEELINE FARMINGT*NM00302*TR ANIMAS RIVER *R8 *CITY OF FARM * 36 47.6 * 3.0 * 3. * 86. * 117. * 7. *E 0. *E 0.
ON NO 3 RESERVOI*SPK0784* * *INGTON * 108 36.2 * * * * *N .10*N .2
* * * * *
JACKSON LAKE *NM00337*UFFSTREAM TR LA *I R *GAME + FISH * 36 48.2 * 583.0 * 25. * 24. * 32. * 1. *E 0. *E 0.
*SPK0785*PLATA RIVER * * * 108 13.5 * * * * *N .32*N .7
* * * * *
SAN JUAN POWER G*NM00346*TR SAN JUAN-OFFS*O *PUBLIC SERVI* 36 44.3 * 7240.0 * 2393. * 55. * 75. * 1. *E 0. *E 0.
ENERATION RESERV*SPK0786*TREAM * *CE CD. OF NM*108 19.0 * * * * *N 28.07*N 71.2
*****
COUNTY NAME: SAN MIGUEL FERC POWER SUPPLY AREA 39 FERC REGIONAL OFFICE CODE FW
*****
GRANITE DAM *NMU0178*GALLINAS CREEK *CS * * 35 39.1 * 84.0 * 20. * 154. * 208. * 21. *U 0. *U 0.
*SWA0086* * * * 105 19.1 * * * * *T .83*T 1.5
* * * * *
ROCIADA DAM *NMU0236*MANUELITOS CREEK*IA * * 35 49.5 * 50.0 * 6. * 69. * 93. * 25. *U 0. *U 0.
*SWA0087* * * * 105 23.9 * * * * *T .14*T .3
* * * * *
CONCHAS DAM *NM00006*CANADIAN RIVER *C I R*DAEN SWA * 35 23.2 * 7409.0 * 247. * 144. * 195. * 709. *E 0. *E 0.
*SWA0088* * * * 104 11.4 * * * * *N 4.70*N 10.4
*****
COUNTY NAME: SANDOVAL FERC POWER SUPPLY AREA 39 FERC REGIONAL OFFICE CODE FW
*****
NOS-CHEE *NMU0250*ARROYO SAN JOSE * * * 36 .4 * 75.0 * 12. * 60. * 81. * 28. *U 0. *U 0.
*SWA0089* * * * 106 55.2 * * * * *T .29*T .3
* * * * *

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

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
* PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
*          * (1) *          * (2) *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SANDOVAL
*****
GUADALUPE * NMU0251 * JEMEZ RIVER * * * 35 40.0 * 473.0 * 69. * 95. * 128. * 1. * U 0. * U 0.
          * SWA0090 *          * * * 106 45.1 * * * * * * * T 1.35 * T 3.4
JEMEZ CANYON DAM * NMU0003 * JEMEZ RIVER * C D * DAEN SWA * 35 23.7 * 1034.0 * 54. * 97. * 131. * 182. * E 0. * E 0.
          * SWA0091 *          * * * 106 32.8 * * * * * * * N 1.35 * N 2.3
COCHITI * NMU0404 * RIO GRANDE + SAN * C D * DAEN SWA * 35 37.5 * 14900.0 * 1543. * 182. * 246. * 790. * E 0. * E 0.
          * SWA0092 * TA FE *          * * * 106 20.0 * * * * * * * N 88.13 * N 185.7
*****
COUNTY NAME: SANTA FE
*****
GRANITE POINT DAM * NMU0179 * SANTA FE RIVER * C * * 35 41.5 * 22.0 * 8. * 86. * 117. * 3. * U 0. * U 0.
M          * SWA0093 *          * * * 105 52.1 * * * * * * * T .22 * T .5
HYER DRAW WATERS * NMU0184 * BACHELOR DRAW * C * * 35 3.8 * 98.0 * 50. * 28. * 38. * 15. * U 0. * U 0.
HED SITE 1 * SWA0094 *          * * * 106 4.9 * * * * * * * T .34 * T .8
HYER DRAW WATERS * NMU0185 * KING DRAW * C * * 35 8.8 * 145.0 * 74. * 25. * 34. * 24. * U 0. * U 0.
HED SITE 2 * SWA0095 *          * * * 106 1.5 * * * * * * * T .43 * T 1.1
POJOAQUE CREEK * NMU0202 * RIO EN MEDIO * C * * 35 51.4 * 10.0 * 4. * 69. * 93. * 2. * U 0. * U 0.
ATERSHED SITE 2 * SWA0096 *          * * * 105 56.3 * * * * * * * T .06 * T .2
POJOAQUE CREEK * NMU0203 * RIO CHUPADERO * C * * 35 50.9 * 13.0 * 5. * 46. * 62. * 2. * U 0. * U 0.
ATERSHED SITE 3 * SWA0097 *          * * * 105 56.9 * * * * * * * T .05 * T .2
SANTA FE RIVER * NMU0221 * SANTA FE RIVER * CS * * 35 41.3 * 26.0 * 8. * 59. * 80. * 2. * U 0. * U 0.
ATERSHED SITE 1 * SWA0098 *          * * * 105 53.6 * * * * * * * T .17 * T .4
GALISTED DAM * NMU0002 * GALISTED CREEK * C * DAEN SWA * 35 27.7 * 596.0 * 8. * 113. * 153. * 153. * E 0. * E 0.
          * SWA0100 *          * * * 106 12.5 * * * * * * * N .23 * N .2
NICHOLS RESERVOIR * NMU0241 * SANTA FE RIVER * S * NEMEX PUB SE * 35 41.1 * 23.0 * 10. * 52. * 70. * 1. * E 0. * E 0.
R          * SWA0101 *          * * * 105 52.6 * * * * * * * N .13 * N .3
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P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   N E W   M E X I C O

(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)	* CAPACITY * (MW)	* ENERGY * (GWH)
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	AC FT)	(3)	(3)
*****												
COUNTY NAME: TAOS					FERC POWER SUPPLY AREA 39			FERC REGIONAL OFFICE CODE FW				
*****												
AMALIA	*NMU0246*	COSTILLA CREEK	*	*	* 36 55.8 *	* 163.0 *	* 61. *	* 89. *	* 120. *	* 12. *U	* 0. *U	* 0. *
	SWA0111		*	*	* 105 30.0 *	* *	* *	* *	* *	* T	* 1.05 *T	* 3.8 *
RODARTE	*NMU0247*	RIO SANTA BARBAR	*	*	* 36 5.8 *	* 38.0 *	* 16. *	* 121. *	* 142. *	* 7. *U	* 0. *U	* 0. *
	SWA0112	A	*	*	* 105 40.0 *	* *	* *	* *	* *	* T	* .59 *T	* 1.2 *
COSTILLA RESERVOIR	*NM00020*	COSTILLA CREEK	*IR	*RIO COSTILLA	* 36 52.5 *	* 55.0 *	* 16. *	* 74. *	* 98. *	* 16. *E	* 0. *E	* 0. *
	SWA0113		*	* LIVESTOCK	* 105 16.7 *	* *	* *	* *	* *	* N	* .59 *N	* 1.0 *
*****												
COUNTY NAME: TORRANCE					FERC POWER SUPPLY AREA 39			FERC REGIONAL OFFICE CODE FW				
*****												
ROCK LAKE WATERSHED SITE 2	*NMU0217*	TARET DRAW	*C	*	* 34 33.4 *	* 80.0 *	* 19. *	* 55. *	* 74. *	* 16. *U	* 0. *U	* 0. *
	SWA0114		*	*	* 106 6.7 *	* *	* *	* *	* *	* T	* .24 *T	* .5 *
*****												
COUNTY NAME: UNION					FERC POWER SUPPLY AREA 36			FERC REGIONAL OFFICE CODE FW				
*****												
TRAMPEROS CREEK WATERSHED SITE	*NMU0237*	TRAMPEROS CREEK	*C	*SCS DOA	* 36 4.8 *	* 83.0 *	* 17. *	* 32. *	* 43. *	* 6. *U	* 0. *U	* 0. *
	SWT0263		*	*	* 103 22.2 *	* *	* *	* *	* *	* T	* .17 *T	* .3 *
BLACK MESA	*NMU0253*	DRY CIMARRON	*	*	* 36 57.0 *	* 550.0 *	* 12. *	* 87. *	* 102. *	* 38. *U	* 0. *U	* 0. *
	SWA0115		*	*	* 103 5.9 *	* *	* *	* *	* *	* T	* .11 *T	* .1 *
*****												
COUNTY NAME: VALENCIA					FERC POWER SUPPLY AREA 39			FERC REGIONAL OFFICE CODE FW				
*****												
CANYON SALES WATERSHED SITE 1	*NMU0161*	LA CANADA DE LA	*C	*	* 34 43.5 *	* 74.0 *	* 38. *	* 50. *	* 67. *	* 10. *U	* 0. *U	* 0. *
	SWA0116	LOMA DE ARENA	*	*	* 106 42.1 *	* *	* *	* *	* *	* T	* .49 *T	* 1.2 *
HELLS CANYON WATERSHED SITE 1	*NMU0180*	HELLS CANYON WAS	*C	*	* 34 52.3 *	* 145.0 *	* 74. *	* 52. *	* 70. *	* 15. *U	* 0. *U	* 0. *
	SWA0117	H	*	*	* 106 39.6 *	* *	* *	* *	* *	* T	* .89 *T	* 2.3 *
HELLS CANYON WATERSHED SITE 2	*NMU0181*	TR-RIO GRANDE	*C	*	* 34 50.4 *	* 61.0 *	* 27. *	* 29. *	* 39. *	* 7. *U	* 0. *U	* 0. *
	SWA0118		*	*	* 106 39.6 *	* *	* *	* *	* *	* T	* .18 *T	* .4 *
*****												
LEGEND												

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, F=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
 (2) O=DEBRIS CONTROL, P=FARM POND, Q=OTHER
 (3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

*****

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: VALENCIA FERC POWER SUPPLY AREA 39 FERC REGIONAL OFFICE CODE FW
*****
* * * * *
HELLS CANYON WAT*NMU0182*TR=RIO GRANDE *C * * 34 47.4 * 23.0* 10.* 31.* 42.* 3.*U 0.*U 0.
ERSHED SITE 4 *SWA0119* * * * *106 40.2 * * * * * *T .08*T .2
* * * * *
HELLS CANYON WAT*NMU0183*TR=RIO GRANDE *C * * 34 45.9 * 29.0* 13.* 20.* 27.* 3.*U 0.*U 0.
ERSHED SITE 5 *SWA0120* * * * *106 41.0 * * * * * *T .05*T .1
* * * * *
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L E G E N D

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

STATE OF NORTH DAKOTA

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

POTENTIAL INCREMENTAL CAPACITY RANGES																		
		0.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL				
I N F E L T	F E I G V I W E N H	EXIST	EXIST	UNDEV	TOTAL	EXIST	EXIST	UNDEV	TOTAL	EXIST	EXIST	UNDEV	TOTAL	EXIST	EXIST	UNDEV	TOTAL	
		INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR	
		1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	
0-19	NUMBER	0	14	0	14	0	0	0	0	0	0	0	0	0	14	0	14	
	CAPCTY	0.0	10.1	0.0	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	0.0	10.1	
	ENERGY	0.0	30.9	0.0	30.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.9	0.0	30.9	
20-49	NUMBER	0	23	0	23	0	0	0	0	0	0	0	0	0	23	0	23	
	CAPCTY	0.0	5.7	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	5.7	
	ENERGY	0.0	7.1	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	7.1	
50-99	NUMBER	0	6	0	6	0	0	0	0	0	0	0	0	0	6	0	6	
	CAPCTY	0.0	2.2	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	2.2	
	ENERGY	0.0	2.5	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	2.5	
>100	NUMBER	0	1	2	3	0	0	0	0	1	1	0	1	2	2	4		
	CAPCTY	0.0	2.7	10.2	13.0	0.0	0.0	0.0	0.0	430	303	0.0	303	430	306	10.2		
	ENERGY	0.0	4.0	18.4	22.5	0.0	0.0	0.0	0.0	2400	568	0.0	568	2400	572	18.4		
TOTAL	NUMBER	0	44	2	46	0	0	0	0	1	1	0	1	45	2	47		
	CAPCTY	0.0	20.8	10.2	31.1	0.0	0.0	0.0	0.0	430	303	0.0	303	430	324	10.2		
	ENERGY	0.0	44.7	18.4	63.1	0.0	0.0	0.0	0.0	2400	568	0.0	568	2400	612	18.4		

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

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

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

(07/09/79)

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*****
* IDNT * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * GR RIVER * PURP * OWNER * *LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * CAPACITY * ENERGY
* (1) * * (2) * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: BARNES                                FERC POWER SUPPLY AREA 26    FERC REGIONAL OFFICE CODE
*****
LAKE ASHTABULA *ND00309*CHEYENNE RIVER *CSR *DAEN NCS * 47 1.8 * 7470.0* 95.* 24.* 33.* 176.*E 0.*E 0.
*NCS0159* * 98 4.8 * * * * *N .87*N 1.4
*****
COUNTY NAME: BOTTINEAU                            FERC POWER SUPPLY AREA 26    FERC REGIONAL OFFICE CODE
*****
DAM 357 *ND00325*SOURIS RIVER *D *DOI BSFW * 48 59.2 * 16900.0* 15E.* 5.* 6.* 23.*E 0.*E 0.
*NCS0160* * 100 57.9 * * * * *N .25*N .4
*****
DAM 341 *ND00326*SOURIS RIVER *D *DOI BSFW * 48 46.8 * 16221.0* 204.* 8.* 9.* 6.*E 0.*E 0.
*NCS0161* * 100 52.3 * * * * *N .31*N .5
*****
DAM 332 *ND00327*SOURIS RIVER *D *DOI BSFW * 48 40.2 * 16128.0* 203.* 9.* 10.* 5.*E 0.*E 0.
*NCS0162* * 100 47.3 * * * * *N .34*N .6
*****
COUNTY NAME: BOWMAN                                FERC POWER SUPPLY AREA 27    FERC REGIONAL OFFICE CODE CH
*****
BOWMAN--HALEY LAK *ND00147*NORTH FORK GRAND *CSH *DAEN MRD * 45 58.9 * 471.0* 26.* 64.* 69.* 93.*E 0.*E 0.
E *MRD0254* RIVER * * * * *103 14.8 * * * * *N .45*N .5
*****
COUNTY NAME: BURKE                                FERC POWER SUPPLY AREA 26    FERC REGIONAL OFFICE CODE
*****
NORTHGATE DAM *ND00010*TR-SOURIS RIVER *R *BURKE COUNTY* 48 55.5 * 63.0* 1.* 23.* 31.* 2.*E 0.*E 0.
*NCS0163* * * * *102 16.2 * * * * *N .06*N .1
*****
SHORT CREEK DAM *ND00018*TR-SOURIS RIVER *R *BURKE CO WHD* 48 59.2 * 331.0* 3.* 27.* 37.* 2.*E 0.*E 0.
*NCS0164* * * * *102 46.6 * * * * *N .10*N .1
*****
COUNTY NAME: CASS                                FERC POWER SUPPLY AREA 26    FERC REGIONAL OFFICE CODE
*****
FARGO LK STREET *ND00380*RED RIVER *CS *CITY OF FARG* 46 52.0 * 6800.0* 511.* 13.* 18.* 2.*E 0.*E 0.
SOUTH DAM *NCS0165* *D * * * * *96 46.6 * * * * *N 2.12*N 4.5
*****
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 Y=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF NORTH DAKOTA

(07/09/79)

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*****
* AVERAGE * NET * HEIGHT * MAXIMUM *
* IDENT * NAME OF STREAM * PROJ * * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CAVALIER FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE:
*****
MOUNT CARMEL DAM *ND000005* LITTLE SOUTH PEMA *CAVALIER COU* 48 54.5 * 75.0 * 6. * 29. * 39. * 5. *E 0. *E 0.
* NCS0166 * BINA * *NTY WMD * 98 16.9 * * * * * *N .11 *N .1
DLGA DAM *ND000044* TR-TONGUE RIVER *C *CAVALIER COU* 48 47.1 * 86.0 * 39. * 47. * 63. * 1. *E 0. *E 0.
* NCS0167 * * *NTY WMD * 98 0. * * * * * *N .21 *N .2
SENATOR YOUNG DA *ND000055* TR-PEMBINA RIVER *C *CAVALIER COU* 49 0. * 55.0 * 4. * 61. * 83. * 6. *E 0. *E 0.
M * NCS0168 * * *NTY WMD * 98 1.3 * * * * * *N .18 *N .2
MIDDLE BRANCH PA *ND000081* TR-MIDDLE BRANCH *C *CAVALIER COU* 48 33.9 * 37.0 * 5. * 30. * 41. * 2. *E 0. *E 0.
RK RIVER-10 * NCS0169 * PARK RIVER * *NTY WMD * 97 56.3 * * * * * *N .08 *N .1
BOURBANIS DAM *ND000083* TR-TONGUE RIVER *C *CAVALIER COU* 48 47.1 * 89.0 * 40. * 44. * 59. * 1. *E 0. *E 0.
* NCS0170 * * *NTY WMD * 97 58.8 * * * * * *N .20 *N .2
MIDDLE BRANCH PA *ND000221* TR-MIDDLE BRANCH *C *WALSH COUNTY* 48 33.0 * 198.0 * 21. * 49. * 66. * 3. *E 0. *E 0.
RK RIVER 9 * NCS0171 * PARK RIVER * * WMD * 97 55.8 * * * * * *N .29 *N .3
*****
COUNTY NAME: DUNN FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
LAKE ILO *ND000321* SPRING CREEK *D *DUI BSW * 47 21.0 * 136.0 * 14. * 22. * 27. * 7. *E 0. *E 0.
* MR00255 * * * * 102 38.4 * * * * * *N .07 *N .1
*****
COUNTY NAME: GRAND FORKS FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE
*****
UPPER TUTTLE RIV *ND000306* TR-SOUTH BRANCH *C *GRAND FORKS * 47 57.9 * 26.0 * 2. * 43. * 58. * 2. *E 0. *E 0.
ER NO 6 * NCS0172 * TURTLE RIVER * *COUNTY WMD * 97 46.6 * * * * * *N .06 *N .1
*****
COUNTY NAME: GRANT FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
LAKE TSCHIDA *ND00149* HEART RIVER *ICR *DOI USBR * 46 35.8 * 1710.0 * 138. * 113. * 118. * 430. *E 0. *E 0.
* MR00256 * * * * 101 49.0 * * * * * *N 2.77 *N 4.1
*****

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L E G E N D

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

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   D A K O T A

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PJRP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * 1000 * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LAMOURE FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE CH
*****
COTTONWOOD CREEK *ND00011* COTTONWOOD CREEK *R * LAMOURE COUN * 46 17.9 * 162.0 * 13. * 40. * 45. * 11. *E 0. *E 0.
DAM *MR00257* * TY WMO * 98 16.1 * * * * *N .15 *N .2
*****
COUNTY NAME: MC HENRY FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE
*****
EATON DAM *ND00229* HOUSE RIVER *I * EATON DISTRI * 48 16.5 * 12719.0 * 156. * 18. * 24. * 4. *E 0. *E 0.
*NC80173* * CT IRR BOARD * 100 29.3 * * * * *N 1.01 *N 1.7
*****
DAM 326 *ND00328* SOURIS RIVER *D * DUI BSFW * 48 37.5 * 13718.0 * 173. * 6. * 7. * 9. *E 0. *E 0.
*NC80174* * * * 100 43.5 * * * * *N .28 *N .6
*****
DAM 320 *ND00329* SOURIS RIVER *D * DUI BSFW * 48 35.0 * 13669.0 * 172. * 9. * 10. * 11. *E 0. *E 0.
*NC80175* * * * 100 40.0 * * * * *N .33 *N .8
*****
COUNTY NAME: MCLEAN FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
LAKE SAKAKAWEA *ND00145* MISSOURI RIVER *CHIR * DAEN MHC * 47 30.1 * 181400.0 * 22243. * 189. * 194. * 24400. *E 430.00 *E 2400.0
*MR00258* * * * 101 25.9 * * * * *N 303.14 *N 567.6
*****
COUNTY NAME: MORTON FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
SWEET BRIAR CREE *ND00038* SWEET BRIAR CREE *R * ND GAME AND * 46 52.2 * 157.0 * 11. * 45. * 50. * 6. *E 0. *E 0.
K DAM *MR00259* * * * FISH DEPT * 101 11.0 * * * * *N .09 *N .1
*****
COUNTY NAME: NELSON FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE
*****
WHITHAN DAM *ND00207* MIDDLE SOUTH BRA *RCD * WALSH CO FLO * 48 11.3 * 1110.0 * 5. * 35. * 48. * 8. *E 0. *E 0.
*NC80176* NCH FOREST R * * OD CONT DIST * 98 4.6 * * * * *N .84 *N .8
*****

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L E G E N D

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(2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NET 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   N O R T H   D A K O T A

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * HEIGHT * MAXIMUM *          *
PROJECT NAME * NUMBER * OR RIVER * PUMP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * ENERGY
* (1) *          * (2) *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: OLIVER FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
NELSON LAKE DAM *ND00096* SQUARE BUTTE CNE *O *MINNKOTA POW* 47 3.1 * 146.0* 10.* 38.* 43.* 8.*E 0.*E 0.
*MRU0260*EK *ER CO *101 11.8 * * * * *N .07*N .1
*****
COUNTY NAME: PEMBINA FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE
*****
DRAUTON DAM *ND00021* RED RIVER *SO *CITY OF DRAU* 48 35.7 * 34800.0* 3387.* 17.* 20.* 3.*E 0.*E 0.
*NCS0177* *TON * 97 8.5 * * * * *N 4.53*N 20.3
*****
RENWICK DAM *ND00054* TR=TONGUE RIVER *C *PEMBINA COUN* 48 46.8 * 160.0* 22.* 35.* 48.* 7.*E 0.*E 0.
*NCS0178* *TY WMD * 97 44.5 * * * * *N .30*N .4
*****
OLSON DAM *ND00056* TR=TONGUE RIVER *C *PEMBINA COUN* 48 43.4 * 117.0* 16.* 46.* 62.* 1.*E 0.*E 0.
*NCS-IF0* *TY WMD * 97 57.3 * * * * *N .28*N .3
*****
COUNTY NAME: RAMSEY FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE
*****
LAKE ALICE DAM *ND00322* LAKE ALICE *O *DOI BSFW * 48 19.5 * 2511.0* 12.* 5.* 6.* 9.*E 0.*E 0.
*NCS0179* * * * 99 8.2 * * * * *N .09*N .1
*****
COUNTY NAME: RENVILLE FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE
*****
DAM 41 *ND00333* SOURIS *O *DOI BSFW * 48 38.7 * 9143.0* 92.* 14.* 17.* 4.*E 0.*E 0.
*NCS0180* * * * 101 46.5 * * * * *N .39*N .7
*****
COUNTY NAME: SARGENT FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE
*****
TEWUKON WS-T-2 *ND00045* TR=WILD RICE RIV *C *SARGENT COUN* 46 .6 * 240.0* 3.* 28.* 36.* 2.*E 0.*E 0.
*NCS0181*ER *TY WMD * 97 27.8 * * * * *N .25*N .3
*****
TEWUKON WS-T-1 *ND00052* TR=WILD RICE RIV *C *SARGENT COUN* 45 56.5 * 93.0* 2.* 25.* 34.* 2.*E 0.*E 0.
A *NCS0182*ER *TY WMD * 97 32.5 * * * * *N .08*N .1
*****

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L E G E N D

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(2) O=DEBRIS CONTROL, P=FARM POND, Q=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - J=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   N O R T H   D A K O T A

(07/09/79)

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*****
* IDENT * NAME OF STREAH * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * GR 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: SARGENT FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE
*****
NORTH BAY DAM *ND00317*WILD RICE RIVER *C *DOI BSWF * 46 1.1 * 360.0 * 6. * 8. * 9. * 6. *E 0. *E 0.
*NC80183* * 97 22.0 * * * * *N .07*N .1
*****
COUNTY NAME: SHERIDAN FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE CH
*****
LINCOLN VALLEY D*NDU0003*MCCLUSKY CANAL * * * 47 30.0 * 5000.0 * 381. * 125. * 0. * 0. *U 0. *U 0.
ROP *MR00261* * 100 30.0 * * * * *T 7.44*T 13.7
*****
LONETREE CHUTE *NDU0004*MCCLUSKY CANAL * * * 47 40.0 * 5000.0 * 94. * 123. * 0. * 0. *U 0. *U 0.
*MR00262* * 100 20.0 * * * * *T 2.82*T 4.7
*****
COUNTY NAME: STARK FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
E A PATTERSON LA*ND00148*HEART RIVER *SIN *DOI USBR * 46 52.2 * 404.0 * 42. * 31. * 44. * 25. *E 0. *E 0.
KE *MR00263* * 102 49.6 * * * * *N .32*N .3
*****
COUNTY NAME: STUTSMAN FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
PIPESTEM LAKE *ND00146*PIPESTEM CREEK *CR *DAEN MRO * 46 57.7 * 549.0 * 18. * 95. * 100. * 150. *E 0. *E 0.
*MR00264* * 98 45.0 * * * * *N .46*N .5
*****
JAMESTOWN RESERV*ND00151*JAMES RIVER *ICSH *DOI USBR * 46 56.0 * 1245.0 * 27. * 69. * 210. * 380. *E 0. *E 0.
DIR *MR00265* * 98 42.6 * * * * *N .78*N .9
*****
COUNTY NAME: WALSH FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE
*****
NORTH RANCH SERV*ND00036*NORTH BRANCH FOR*CR *WALSH COUNTY* 48 22.2 * 81.0 * 1. * 41. * 56. * 5. *E 0. *E 0.
ICE RIVER *NC80184*EST RIVER * * HMD * 98 2.1 * * * * *N .10*N .1
*****
MIDDLE SOUTH BRA*ND00043*MIDDLE BRANCH FO*CR *WALSH COUNTY* 48 13.6 * 193.0 * 3. * 55. * 75. * 9. *E 0. *E 0.
NCH FOREST RIVER*NC80185*EST RIVER * * HMD * 97 55.7 * * * * *N .23*N .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)

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   D A K O T A

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * (DM,P) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: WALSH FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE
*****
MIDDLE BRANCH PA * N000082 * MIDDLE BRANCH PA * C * WALSH COUNTY * 48 31.8 * 32.0 * 5. * 52. * 70. * 4. * E 0. * E 0.
RK RIVER-8 * NCS0186 * RK RIVER * * * * 97 56.3 * * * * * * * * N .12 * N .1
MIDDLE BRANCH PA * N000159 * TR-MIDDLE BRANCH * C * WALSH COUNTY * 48 28.4 * 49.0 * 8. * 31. * 42. * 10. * E 0. * E 0.
RK RIVER 6 * NCS0187 * PARK RIVER * * * * 97 55.9 * * * * * * * * N .11 * N .1
PARK RIVER LAKE * N000310 * SOUTH BRANCH PARK * C * DAEN NCS * 48 24.2 * 226.0 * 24. * 44. * 60. * 9. * E 0. * E 0.
* NCS0188 * K RIVER * * * * 97 47.5 * * * * * * * * N .21 * N .3
ARDOCH LAKE DAM * N000337 * FOREST RIVER * O * DOI BSWF * 48 15.0 * 655.0 * 52. * 6. * 7. * 5. * E 0. * E 0.
* NCS0189 * * * * 97 17.5 * * * * * * * * N .08 * N .1
*****
COUNTY NAME: WARD FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE
*****
DAM 96 * N000331 * SOURIS * O * DOI BSWF * 48 26.0 * 9452.0 * 88. * 10. * 12. * 3. * E 0. * E 0.
* NCS0190 * * * * 101 38.7 * * * * * * * * N .30 * N .5
DAM 83 * N000332 * SOURIS * O * DOI BSWF * 48 30.0 * 9385.0 * 87. * 24. * 31. * 112. * E 0. * E 0.
* NCS0191 * * * * 101 40.0 * * * * * * * * N .89 * N 1.4
*****
COUNTY NAME: WELLS FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE
*****
HARVER DAM * N000189 * SHEYENNE RIVER * H * WELLS COUNTY * 47 45.3 * 571.0 * 5. * 18. * 24. * 4. * E 0. * E 0.
* NCS0192 * * * * 99 55.3 * * * * * * * * N .05 * N .1
*****

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(2) O=OVERSIC CONTROL, P=FARM POND, O=OTHER
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*****

STATE OF OKLAHOMA

IN THE STATE OF OKLAHOMA

POTENTIAL INCREMENTAL CAPACITY RANGES

LEGEND

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

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

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

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * (1)	* NAME OF STREAM * * CR RIVER *	* PROJ * * PURP * (2)	* OWNER	* LATITUDE * * LONGITUDE * (DM,M)	* DRAINAGE * * AREA * (SQ MI)	* AVERAGE * * ANNUAL * * INFLOW * (CFS)	* NET * * POWER * * HEAD * (FT)	* HEIGHT * * DAM * (FT)	* MAXIMUM * * STORAGE * * CAPACITY * (1000 * AC FT)	* ENERGY * * (MW) * (3)	* ENERGY * * (GWH) * (3)
COUNTY NAME: ADAIR					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
CHEWEY RESERVOIR	*OKU0051*	*ILLINOIS RIVER	*MCS	*DAEN SWT	* 36 7.0 *	* 816.0 *	* 769. *	* 118. *	* 160. *	* 1083. *	*U 0. *	*U 0. *
	SWT0264				* 94 46.0 *					*T 25.90*	*T 52.0	
SALLISAW #10	*OKU0744*	*SALLISAW CREEK	*SCS DOA		* 35 39.0 *	* 5.0 *	* 5. *	* 49. *	* 66. *	* 2. *	*U 0. *	*U 0. *
	SWT0265				* 94 48.8 *					*T .06*	*T .2	
CANEY CREEK SITE #5	*OKU0819*	*LIMESTONE CREEK	*C	*SCS DOA	* 35 51.7 *	* 11.0 *	* 12. *	* 30. *	* 40. *	* 3. *	*U 0. *	*U 0. *
	SWT0266				* 94 42.8 *					*T .11*	*T .2	
LAKE FRANCES	*OK00073*	*ILLINOIS RIVER	*S	*CITY OF SILO	* 36 7.7 *	* 667.0 *	* 651. *	* 21. *	* 25. *	* 3. *	*E 0. *	*E 0. *
	SWT0267			*AM SPRINGS	* 94 33.8 *					*N 2.74*	*N 7.0	
SALLISAW #18	*OK00081*	*SALLISAW CREEK	*C	*SCS	* 34 45.8 *	* 7.0 *	* 7. *	* 50. *	* 68. *	* 8. *	*E 0. *	*E 0. *
	SWT0268				* 94 42.3 *					*N .15*	*N .2	
SALLISAW #19	*OK00082*	*SALLISAW CREEK	*C	*SCS	* 35 46.5 *	* 13.0 *	* 14. *	* 42. *	* 57. *	* 5. *	*E 0. *	*E 0. *
	SWT0269				* 94 39.5 *					*N .20*	*N .3	
SALLISAW CREEK SITE 26	*OK00088*	*GREASY CREEK	*C	*SALLISAW CRE	* 35 40.3 *	* 11.0 *	* 12. *	* 50. *	* 68. *	* 6. *	*E 0. *	*E 0. *
	SWL0136			*EK SITE 26	* 94 41.5 *					*N .20*	*N .3	
COUNTY NAME: ALPAPPA					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
GREAT SALT PLAIN S LAKE	*OK10319*	*SALT FORK OF ARK	*C	*DAEN SWT	* 36 45.0 *	* 3200.0 *	* 350. *	* 50. *	* 68. *	* 271. *	*E 0. *	*E 0. *
	SWT0270	*ANSAS RIVER			* 98 8.6 *					*N 2.81*	*N 7.1	
COUNTY NAME: ATOKA					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
MCGEE RESERVOIR	*OKU0134*	*MUDDY BOGGY CREEK	*MC	*DAEN SWT	* 34 19.0 *	* 868.0 *	* 732. *	* 68. *	* 0. *	* 98. *	*U 0. *	*U 0. *
	SWT0271	*K			* 95 52.5 *					*T 8.34*	*T 14.3	
PARKER RESERVOIR	*OKU0155*	*MUDDY BOGGY CREEK	*C30	*DAEN SWT	* 34 45.0 *	* 172.0 *	* 145. *	* 72. *	* 98. *	* 197. *	*U 0. *	*U 0. *
	SWT0272	*K			* 96 17.0 *					*T 2.43*	*T 3.6	

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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   O K L A H O M A

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * (DM,M) * (SQ MI) * (CF8) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ATOKA FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
MCGEE CREEK *OKU0729*MC GEE CREEK *S *BUREC * 34 19.9 * 178.0* 179.* 102.* 0.* 0.*U 0.*U 0.
*SWT0273* * 95 52.7 * * * *T 2.62*T 3.9
*****
LOWER CLEAR BOGG *OKU0901*LOWER CLEAR BOGG*C *SCS DOA * 34 19.5 * 25.0* 23.* 35.* 48.* 11.*U 0.*U 0.
Y '13 *SWT0274*Y CREEK * 96 18.3 * * * *T .21*T .2
*****
ATOKA *OKU0112*NORTH BOGGY CREE*SR *OKLAHOMA CIT* 40 3.0 * 179.0* 168.* 50.* 68.* 191.*E 0.*E 0.
*SWT0275*K * 96 48.0 * * * *N 1.27*N 1.7
*****
OKLAHOMA WILD LI *OKU0117*PATAPU CREEK *R * 35 21.0 * 18.0* 38.* 43.* 50.* 1.*E 0.*E 0.
FE DEPARTMENT *SWT0276* * 85 36.0 * * * *N .51*N 1.0
*****
COUNTY NAME: BEAVER FERC POWER SUPPLY AREA 36 FERC REGIONAL OFFICE CODE FW
*****
ENGLEWOOD RESERV *OKU0747*CIMARRON RIVER *ICR *BUREC * 36 56.5 * 10044.* 127.* 111.* 150.* 160.*U 0.*U 0.
OIR *SWT0277* * 100 2.5 * * * *T 2.63*T 6.9
*****
COUNTY NAME: BLAINE FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
BRIDGE PORT RESE *OKU0030*CANADIAN RIVER * *DAEN SWT * 35 33.0 * 17268.* 297.* 148.* 200.* 1915.*U 0.*U 0.
RVOIR *SWT0278* * 98 23.0 * * * *T 8.30*T 18.7
*****
CANTON LAKE *OK10316*NORTH CANADIAN *CSI *DAEN SWT * 36 5.2 * 7600.0* 118.* 50.* 68.* 384.*E 0.*E 0.
*SWT0279* * 93 34.8 * * * *N 1.51*N 2.4
*****
COUNTY NAME: BRYAN FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
SANDY CREEK RESE *OKU0179*BLUE RIVER * * 34 8.0 * 318.0* 203.* 44.* 60.* 93.*U 0.*U 0.
RVOIR *SWT0280* * 96 24.0 * * * *T 1.68*T 3.4
*****
DENISON DAM *OK10317*RED RIVER *CSHO *DAEN SWT * 33 50.0 * 39719.0* 3927.* 92.* 135.* 5382.*E 70.00*E 244.0
*SWT0281* * 96 34.0 * * * *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   O K L A H O M A

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER *	* NAME OF STREAM * * CR RIVER *	* PROJ * * FUPP *	* OWNER *	* LATITUDE * * LONGITUDE *	* DRAINAGE * * AREA *	* AVERAGE * * ANNUAL * * INFLOW *	* NET * * POWER * * HEAD *	* HEIGHT * * DAM *	* MAXIMUM * * (1000 * * (MW) *	* ENERGY * * (GWH) *
	(1)		(2)		(DM.M)	(SQ MI)	(CFS)	(FT)	(FT)	AC FT)	(3)
*****											
COUNTY NAME: CADD0											
*****											
*****											
GRACEMONT RESERV OIR	*OKU0095*	SUGAR CREEK	*	*	* 35 12.0 *	196.0*	21.*	50.*	68.*	59.*U	0.*U 0.
	SWT0282		*	*	* 98 16.5 *					*T	.24*T .5
HATCHETVILLE RES ERVOIR	*OKU0101*	EAST CACHE CREEK	*	*	* 34 55.5 *	68.0*	11.*	78.*	106.*	181.*U	0.*U 0.
	SWT0283		*	*	* 98 24.0 *					*T	.15*T .1
VERDEN RESERV OIR	*OKU0217*	SPRING CREEK	*	*	* 35 8.0 *	76.0*	8.*	95.*	128.*	405.*U	0.*U 0.
	SWT0284		*	*	* 98 7.5 *					*T	.18*T .3
SUGAR CREEK WATE RSHED	*OKU0372*	SUGAR CREEK SITE C	*SCS DOA	*	* 35 22.5 *	7.0*	10.*	29.*	39.*	2.*U	0.*U 0.
	SWT0285	'21	*	*	* 90 18.7 *					*T	.06*T .1
FORT COBB SITE 4	*OKU0837*	FORT COBB LATERA C	*SCS DOA	*	* 36 6.7 *	21.0*	7.*	41.*	56.*	4.*U	0.*U 0.
	SWT0286	LS	*	*	* 98 29.0 *					*T	.05*T .1
FORT COBB RESERV OIR	*OK02502*	POND CREEK	*ICSD USA	*	* 35 9.5 *	285.0*	31.*	70.*	95.*	293.*E	0.*E 0.
	SWT5002		*	*	* 98 27.7 *					*N	.49*N .9
CITY OF CHICKASH A 108	*OK02562*	TR-SPRING CREEK	*RS	*CITY OF CHIC	* 35 7.8 *	70.0*	8.*	46.*	54.*	35.*E	0.*E 0.
	SWT0287		*	*KASHA	* 98 7.6 *					*N	.08*N .1
*****											
COUNTY NAME: CANADIAN											
*****											
*****											
BOGGY RESERV OIR	*OKU0024*	BOGGY CREEK	*	*	* 35 22.5 *	54.0*	9.*	74.*	74.*	0.*U	0.*U 0.
	SWT0288		*	*	* 98 11.0 *					*T	.11*T .1
UNION-ALTERNATE RESERV OIR	*OKU0213*	SOUTH CANADIAN R	*	*	* 35 23.5 *	17909.0*	308.*	132.*	179.*	1911.*U	0.*U 0.
	SWT0289	IVER	*	*	* 98 2.0 *					*T	6.82*T 16.6
BOGGY RESERV OIR	*OKU0801*	BOGGY CREEK	*CSR	*DAEN SWT	* 35 22.5 *	54.0*	9.*	55.*	74.*	26.*U	0.*U 0.
	SWT0290		*	*	* 98 11.0 *					*T	.08*T .1
CEDAR LAKE	*OK01512*	TR-CANADIAN	*R	*	* 35 26.7 *	21.0*	7.*	45.*	53.*	1.*E	0.*E 0.
	SWT0291		*	*	* 98 9.2 *					*N	.06*N .1
*****											

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*****

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

(07/09/79)

*****												
PROJECT NAME	* IDENT * * NUMBER *	* NAME OF STREAM * * CR RIVER *	* PROJ * * PURP *	* OWNER *	* LATITUDE * * LONGITUDE *	* DRAINAGE * * AREA *	* AVERAGE * * ANNUAL * * INFLOW *	* NET * * POWER * * HEAD *	* HEIGHT * * OF * * DAM *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MW) *	* ENERGY * * (GWH) *
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)
*****												
COUNTY NAME: CARTER					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
*****												
DOUGHERTY RESERV OIR	*OKU0073* *SWT0292*	*WASHITA RIVER	*HC	*DAEN SWT	* 34 22.0 * * 97 7.5 *	* 6615.0 *	* 1284. *	* 100. *	* 0. *	* 0. *	* 0. *	* 0. *
UPPER BAYOU #1	*OKU0429* *SWT0293*	*UPPER BAYOU			* 34 7.0 * * 97 16.0 *	* 9.0 *	* 9. *	* 33. *	* 44. *	* 2. *	* 0. *	* 0. *
UPPER BAYOU #22	*OKU0442* *SWT0294*	*UPPER BAYOU	*C	*SCS DGA	* 34 5.7 * * 97 20.2 *	* 6.0 *	* 6. *	* 27. *	* 37. *	* 2. *	* 0. *	* 0. *
CADDO CREEK 13	*OKU0433* *SWT0295*	*CADDO CREEK	*C	*SCS DGA	* 34 17.2 * * 97 10.4 *	* 17.0 *	* 8. *	* 35. *	* 34. *	* 4. *	* 0. *	* 0. *
CADDO CREEK 27	*OKU0446* *SWT0296*	*CADDO CREEK	*C	*SCS DGA	* 34 21.5 * * 97 27.9 *	* 16.0 *	* 7. *	* 46. *	* 62. *	* 3. *	* 0. *	* 0. *
CADDO CREEK SITE 28	*OKU0447* *SWT5003*	*TR-CADDO CREEK	*C	*CAUDD 28	* 34 18.5 * * 97 3.9 *	* 8.0 *	* 8. *	* 35. *	* 48. *	* 2. *	* 0. *	* 0. *
MOUNTAIN LAKE	*OK10501* *SWT0298*	*HICKORY CREEK	*S	*CITY OF ARDM *ORE	* 34 22.0 * * 97 17.0 *	* 4.0 *	* 4. *	* 41. *	* 56. *	* 3. *	* 0. *	* 0. *
WILDHORSE SITE 9	*OK10686* *SWT0299*	*TR-WILDHORSE CRE	*C	*WILDHORSE SI *TE-9	* 34 28.7 * * 97 22.2 *	* 5.0 *	* 5. *	* 35. *	* 48. *	* 1. *	* 0. *	* 0. *
WILDHORSE SITE-1 1 108	*OK10687* *SWT0300*	*TR-WILDHORSE CRE	*C	*WILDHORSE SI *TE-11	* 34 29.2 * * 97 24.6 *	* 5.0 *	* 5. *	* 35. *	* 47. *	* 1. *	* 0. *	* 0. *
*****												
COUNTY NAME: CHEROKEE					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
*****												
PEGGS RESERVOIR	*OKU0156* *SWT0301*	*SPRING CREEK			* 36 7.0 * * 95 6.0 *	* 92.0 *	* 103. *	* 149. *	* 201. *	* 355. *	* 0. *	* 0. *
TENKILLER FERRY LAKE	*OK10311* *SWT0302*	*ILLINOIS RIVER	*CH	*DAEN SWT	* 35 35.9 * * 95 2.0 *	* 1610.0 *	* 1521. *	* 133. *	* 187. *	* 1231. *	* 34.00 *	* 95.1 *
*****												
LEGEND												

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   O K L A H O M A

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * FURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CHOCTAW FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
BOSWELL RESERVOIR *OKU0026*HUDDY BOGGY CREEK * * * 34 2.0 * 2273.0 * 2739. * 70. * 95. * 1130. *U 0. *U 0.
R *SWT0303*K * * * 95 45.0 * * * * * *T 79.59*T 101.9
*****
GOODWATER CREEK *OKU0362*GOODWATER CREEK *C *SCS DOA * 33 53.5 * 8.0 * 8. * 29. * 39. * 2. *U 0. *U 0.
WATERSHED SITE *SWT0304 * * * 95 22.3 * * * * * *T .07*T .1
*****
HUGO LAKE *OK10300*KIAMICHI RIVER *CSHQ *DAEN S+T. * 34 1.0 * 1709.0 * 2059. * 75. * 101. * 1250. *E 0. *E 0.
*SWT0305 * * * 95 23.6 * * * * * *N 63.62*N 81.5
*****
COUNTY NAME: CIMARRON FERC POWER SUPPLY AREA 36 FERC REGIONAL OFFICE CODE FW
*****
GARRETT RESERVOIR *OKU0092*CIMARRON RIVER *C *DAEN SWT * 36 33.0 * 1875.0 * 40. * 92. * 124. * 154. *U 0. *U 0.
R *SWT0306 * * * 102 37.0 * * * * * *T .41*T .9
*****
KENTON RESERVOIR *OKU0119*CIMARRON RIVER *C *DAEN SWT * 36 56.0 * 1808.0 * 58. * 83. * 112. * 160. *U 0. *U 0.
*SWT0307 * * * 102 47.0 * * * * * *T .36*T .4
*****
SPURGEDN RESERVOIR *OKU0791*CIMARRON RIVER *ICR *BUREC * 36 56.8 * 2030.0 * 43. * 103. * 140. * 203. *U 0. *U 0.
R *SWT0308 * * * 102 41.5 * * * * * *T .51*T .6
*****
COUNTY NAME: CLEVELAND FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
STANLEY DRAPER RESERVOIR *OK00498*EAST ELM CREEK *SH * * 35 19.8 * 25.0 * 9. * 77. * 90. * 100. *E 0. *E 0.
*SWT0309 * * * 97 21.8 * * * * * *N .12*N .1
*****
NORMAN 208 *OK02504*LITTLE RIVER *CSRO *USA * 35 13.2 * 256.0 * 37. * 71. * 96. * 368. *E 0. *E 0.
*SWT0310 * * * 97 13.1 * * * * * *N .79*N .8
*****
COUNTY NAME: COAL FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
TUPELO RESERVOIR *OKU0210*CLEAR BOGGY CREEK *CS *DAEN SWT * 34 30.0 * 380.0 * 243. * 69. * 93. * 425. *U 0. *U 0.
*SWT0311*K * * * 96 21.5 * * * * * *T 2.56*T 5.9
*****
L E G E N D

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

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF OKLAHOMA

(07/09/79)

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*****
* AVERAGE * NET * HEIGHT * MAXIMUM *
* IDENT * NAME OF STREAM * PROJ * * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: COAL FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
CAN EY-COON CREEK *OKU0808* CAN EY-COON CREEK *C *SCS DUA * 34 32.7 * 14.0 * 13. * 26. * 35. * 5. *U 0. *U 0.
'1 COAL *SWT0312 * * * * 96 14.0 * * * * * * *T .06 *T .1
LEADER-MIDDLE CL *OKU0816* LEAD-MIDDLE CLEA *C *SCS DUA * 34 22.8 * 19.0 * 9. * 23. * 31. * 6. *U 0. *U 0.
EAR BOGGY CREEK *SWT0313* R BOGGY CREEK * * * * 96 14.8 * * * * * * *T .05 *T .1
CAN EY-COON CREEK *OK01354* CAN EY-COON CREEK *C *SCS DUA * 34 32.7 * 14.0 * 13. * 26. * 35. * 5. *E 0. *E 0.
'1 COAL *SWT0314 * * * * 96 14.0 * * * * * * *N .06 *N .1
COALGATE LAKE *OK01507* COON CREEK *SC *CAN EY COON S * 34 34.4 * 6.0 * 6. * 30. * 40. * 9. *E 0. *E 0.
*SWT0315 * * * * 96 13.9 * * * * * * *N .06 *N .1
CAN EY-COON CREEK *OK10656* CAN EY-COON CREEK *C *SCS DUA * 34 20.4 * 14.0 * 13. * 38. * 51. * 9. *E 0. *E 0.
COAL '2 *SWT0316 * * * * 96 8.3 * * * * * * *N .12 *N .1
*****
COUNTY NAME: COMANCHE FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
WEST CACHE RESER *OKU0226* WEST CACHE CREEK * * * * 34 31.0 * 217.0 * 36. * 55. * 75. * 118. *U 0. *U 0.
VOIR *SWT0317 * * * * 98 36.5 * * * * * * *T .33 *T .3
LAKE LAWTONKA *OK00450* MEDICINE CREEK *S *CITY OF LAWT * 34 43.6 * 93.0 * 15. * 67. * 90. * 89. *E 0. *E 0.
*SWT0318 * * * * 98 30.2 * * * * * * *N .17 *N .2
LAKE ELLSWORTH *OK00452* CACHE CREEK *S *CITY OF LAWT * 34 47.7 * 746.0 * 182. * 71. * 96. * 212. *E 0. *E 0.
*SWT0319 * * * * 98 22.0 * * * * * * *N 2.08 *N .37
*****
COUNTY NAME: COTTON FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
RANDLETT RESERVO *OKU0789* DEEP RED RUN *SR *BUREC * 34 13.0 * 620.0 * 205. * 49. * 66. * 80. *U 0. *U 0.
IR *SWT0320 * * * * 98 21.5 * * * * * * *T 1.26 *T 2.0
*****

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LEGEND

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

(07/09/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ*  *LATITUDE * DRAINAGE*  AVERAGE * NET *HEIGHT* MAXIMUM*  *
PROJECT NAME * NUMBER* CR RIVER * PUMP*  *LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) *  * (2) *  * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CRAIG                                FERC POWER SUPPLY AREA -0      FERC REGIONAL OFFICE CODE FW
*****
LITTLE CABIN RES*OKU01100*LITTLE CABIN CREEK*CSO *DAEN SST * 36 41.4 * 68.0* 65.* 48.* 65.* 144.*U 0.*U 0.
ERVOIR          *SWT5004*EK * 95 3.8 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
COUNTY NAME: CREEK                                FERC POWER SUPPLY AREA 33      FERC REGIONAL OFFICE CODE FW
*****
BRISTOW RESERVOIR*OKU0031*LITTLE DEEP FORK*SR *DAEN SWT * 35 43.0 * 246.0* 106.* 57.* 77.* 107.*U 0.*U 0.
R              *SWT0321*RIVER * 96 14.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
PADEN RESERVOIR *OKU0152*HILLABE CREEK * 35 38.0 * 53.0* 19.* 35.* 48.* 21.*U 0.*U 0.
              *SWT0322* * 96 32.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
SLICK RESERVOIR *OKU0191*LITTLE DEEP FORK* * 35 46.0 * 197.0* 85.* 41.* 55.* 77.*U 0.*U 0.
              *SWT0323*RIVER * 96 16.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
STROUD RESERVOIR*OKU0200*SALT CREEK * 35 44.0 * 107.0* 46.* 35.* 48.* 40.*U 0.*U 0.
              *SWT0324* * 96 32.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
SAHOMA LAKE      *OK00566*ROCK CREEK *SR *CITY OF SPAU* 36 1.8 * 40.0* 14.* 33.* 45.* 7.*E 0.*E 0.
              *SWT0325* * 96 8.9 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
HEYBORN LAKE     *OK10313*BEARCAT CREEK *CO *DAEN SWT * 35 54.6 * 123.0* 53.* 49.* 66.* 57.*E 0.*E 0.
              *SWT0326* * 96 18.3 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
COUNTY NAME: CUSTER                                FERC POWER SUPPLY AREA 33      FERC REGIONAL OFFICE CODE FW
*****
BEAVER CREEK RES*OKU0015*BEAVER CREEK * 35 36.5 * 76.0* 6.* 48.* 65.* 36.*U 0.*U 0.
ERVOIR          *SWT0327* * 98 56.5 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
THOMAS RESERVOIR*OKU0205*DEEP CREEK *CSR *DAEN SWT * 35 40.5 * 154.0* 17.* 41.* 56.* 49.*U 0.*U 0.
              *SWT0328* * 98 47.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
THOMAS RESERVOIR*OKU0793*DEEP CREEK *CSR *DAEN SWT * 35 40.5 * 154.0* 17.* 41.* 56.* 49.*U 0.*U 0.
              *SWT0329* * 98 47.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*****
L E G E N D

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(07/09/79)

LEGEND

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: GRADY FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
BITTER CREEK RES*OKU0020*WEST BITTER CREE* * * * 35 6.0 * 57.0* 9.* 40.* 54.* 323.*U 0.*U 0.
ERVOIR *SWT0340*K * * * * 97 51.0 * * * * *T .06*T .1
CHICKASHA RESERV*OKU0053*LITTLE WASHITA H* * * * 34 57.0 * 198.0* 21.* 39.* 53.* 81.*U 0.*U 0.
OIR *SWT0341*IVER * * * * 97 58.0 * * * * *T .19*T .4
RUSH #15 *OKU00159*RUSH CREEK *C *SCS DGA * 34 42.5 * 12.0* 4.* 43.* 58.* 6.*E 0.*E 0.
*SWT0342* * * * * 97 48.0 * * * * *N .06*N .1
*****
COUNTY NAME: GREER FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
MAUGUM LOWER RES*OKU0132*SALT LORE RED RI*C *BUREG * 34 51.5 * 312.0* 18.* 96.* 130.* 408.*U 0.*U 0.
ERVOIR *SWT0343*VER * * * * 99 37.0 * * * * *T .40*T .5
*****
COUNTY NAME: HARPER FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
BUFFALO RESERVOI*OKU0033*BUFFALO CREEK * * * * 36 46.5 * 380.0* 59.* 61.* 82.* 62.*U 0.*U 0.
R *SWT0344* * * * * 99 20.0 * * * * *T .88*T 1.8
*****
COUNTY NAME: JEFFERSON FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
WAURIKA RESERVOI*OK20506*REAVAR CREEK *CISRO*DAEN SWT * 34 11.3 * 562.0* 137.* 78.* 106.* 469.*E 0.*E 0.
R *SWT0346* * * * * 98 3.0 * * * * *N 1.92*N 3.2
*****
COUNTY NAME: JOHNSTON FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
DURWOOD RESERVOI*OKU0076*WASHITA RIVER *HC *DAEN SWT * 34 13.5 * 7239.0* 1362.* 65.* 75.* 660.*U 0.*U 0.
R *SWT0347* * * * * 96 54.5 * * * * *T 30.66*T 49.9
DELAWARE CREEK S*OKU0445*DELAWARE CREEK *CO *SCS DGA * 34 26.0 * 10.0* 9.* 44.* 60.* 3.*E 0.*E 0.
ITE #14 *SWT0348* * * * * 94 31.6 * * * * *N .10*N .1
*****

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*****

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF OKLAHOMA

(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 OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW) (3)	ENERGY (GWH) (3)
*****												
COUNTY NAME: JOHNSTON					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
*****												
DELAWARE CREEK ATERSHED SITE	*OKU0448* *SWT0349*	DELAWARE CREEK	*CD	*SCS DOA	* 34 40.0 * * 97 10.0 *	* 17.0* *	* 16,* *	* 48,* *	* 65,* *	* 5,*E *N	* 0,*E *.19*N	* 0,* *.2
*****												
UPPER BLUE '58	*OKU0487* *SWT0350*	UPPER BLUE RIVER	*C	*SCS DOA	* 34 19.3 * * 96 49.0 *	* 6.0* *	* 6,* *	* 41,* *	* 56,* *	* 2,*U *T	* 0,*U *.08*T	* 0,* *.1
*****												
UPPER BLUE '17	*OKU0493* *SWT0351*	UPPER BLUE RIVER	*C	*SCS DOA	* 34 22.0 * * 96 51.2 *	* 7.0* *	* 7,* *	* 25,* *	* 34,* *	* 2,*U *T	* 0,*U *.05*T	* 0,* *.1
*****												
UPPER BLUE '3	*OKU0495* *SWT0352*	UPPER BLUE RIVER	*C	*SCS DOA	* 34 8.7 * * 96 42.1 *	* 7.0* *	* 7,* *	* 36,* *	* 49,* *	* 2,*U *T	* 0,*U *.08*T	* 0,* *.1
*****												
UPPER BLUE '67	*OKU0895* *SWT0353*	UPPER BLUE RIVER	*C	*SCS DOA	* 34 18.0 * * 96 44.6 *	* 20.0* *	* 10,* *	* 43,* *	* 58,* *	* 5,*U *T	* 0,*U *.16*T	* 0,* *.2
*****												
DELAWARE CREEK ATERSHED SITE	*OKU0922* *9*SWT0354*	DELAWARE CREEK	*CD	*SCS DOA	* 34 24.0 * * 96 27.0 *	* 17.0* *	* 16,* *	* 48,* *	* 65,* *	* 5,*E *N	* 0,*E *.19*N	* 0,* *.2
*****												
COUNTY NAME: KIOWA					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
*****												
RAINY MOUNTAIN ESERVOIR	*OKU0167* *SWT0355*	RAINY MOUNTAIN CREEK	*C	*	* 35 3.0 * * 98 46.0 *	* 276.0* *	* 30,* *	* 41,* *	* 55,* *	* 80,*U *T	* 0,*U *.28*T	* 0,* *.5
*****												
ALTUS 115	*OKU02500* *SWT0356*	NORTH FORK RED RIVER	*ICS	*USA	* 34 53.2 * * 99 17.8 *	* 2515.0* *	* 142,* *	* 78,* *	* 98,* *	* 168,*E *N	* 0,*E *1.64*N	* 0,* *2.8
*****												
TOM STEED	*OKU020502* *SWT0356*	OTTER CREEK	*CSRD	*BUREC	* 34 43.8 * * 98 59.0 *	* 121.0* *	* 142,* *	* 78,* *	* 60,* *	* 196,*E *N	* 0,*E *1.64*N	* 0,* *2.8
*****												
COUNTY NAME: LATIMER					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
*****												
HIGGINS MIDDLE ESERVOIR	*OKU0107* *SWT0357*	GAINES CREEK	*	*	* 34 39.0 * * 95 23.0 *	* 70.0* *	* 74,* *	* 67,* *	* 90,* *	* 91,*U *T	* 0,*U *1.33*T	* 0,* *1.9
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 (3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

*****

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

(07/09/79)

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*****
* AVERAGE * NET * HEIGHT * MAXIMUM *
* IDENT * NAME OF STREAM * PROJ * * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM, M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LATIMER FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
* * * * *
HIGGINS MIDDLE A*OKU0108*GAINES CREEK * * * 34 39.0 * 79.0* 64.* 93.* 126.* 334.*U 0.*U 0.
LTERNATE RESERVOIR*SWT0356* * * * 95 23.0 * * * * *T 1.86*T 2.8
* * * * *
HIGGINS UPPER RESERVOIR*OKU0109*GAINES CREEK * * * 34 50.0 * 41.0* 43.* 101.* 137.* 343.*U 0.*U 0.
SERVOIR *SWT0359* * * * 95 19.0 * * * * *T 1.31*T 1.7
* * * * *
BOILING SPRING-OKU0306*BOILING SPRING *C *SCS DCA * 34 57.5 * 4.0* 4.* 41.* 56.* 2.*U 0.*U 0.
UACHITA #1 *SWT0360* * * * 95 21.0 * * * * *T .06*T .1
* * * * *
FOURCHE MALINE #OKU0902*FOURCHE MALINE *C *SCS DCA * 34 50.5 * 4.0* 4.* 33.* 44.* 2.*U 0.*U 0.
7 *SWT0361*REEK * * * 95 7.9 * * * * *T .08*T .1
* * * * *
FOURCHE MALINE #OKU0903*FOURCHE MALINE *C *SCS DCA * 34 50.5 * 9.0* 9.* 40.* 54.* 3.*U 0.*U 0.
11 *SWT0362*REEK * * * 95 7.9 * * * * *T .22*T .3
* * * * *
ROCK CREEK #2 KI*OKU02157*ROCK CREEK *C *TOWN OF TAL * 34 46.0 * 6.0* 7.* 48.* 65.* 10.*E 0.*E 0.
AMICHI *SWT0363* * * * 95 4.1 * * * * *N .10*N .2
* * * * *
ROCK CREEK #1 KI*OKU02159*ROCK CREEK *C *SCS DCA * 34 43.8 * 8.0* 8.* 32.* 43.* 3.*E 0.*E 0.
AMICHI *SWT0364* * * * 95 50.5 * * * * *N .06*N .1
* * * * *
FOURCHE MALINE #OKU02160*TR-FOURCHE MALINE *C *SCS * 34 56.8 * 11.0* 12.* 61.* 82.* 4.*E 0.*E 0.
ITE 1 *SWT0365*E * * * 95 12.4 * * * * *N .24*N .3
* * * * *
FOURCHE MALINE #OKU02161*TR-FOURCHE MALINE *C *SCS * 34 57.6 * 9.0* 10.* 58.* 78.* 3.*E 0.*E 0.
ITE 2 *SWT0366*E * * * 95 17.5 * * * * *N .19*N .3
* * * * *
FOURCHE MALINE #OKU02162*TR-FOURCHE MALINE *C *SCS * 34 58.9 * 9.0* 10.* 57.* 77.* 3.*E 0.*E 0.
ITE 3 *SWT0367*E * * * 95 16.1 * * * * *N .19*N .3
* * * * *
FOURCHE MALINE #OKU02163*COON CREEK *C *FOURCHE MALI * 34 58.6 * 5.0* 6.* 61.* 82.* 4.*E 0.*E 0.
ITE 4 *SWT0368* * * * 95 21.0 * * * * *N .11*N .2
* * * * *
FOURCHE MALINE #OKU02164*TR-FOURCHE MALINE *C *OKLAHOMA WIL * 34 59.5 * 12.0* 13.* 69.* 93.* 7.*E 0.*E 0.
ITE 5 *SWT0369*E * * * 95 21.4 * * * * *N .30*N .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   O K L A H O 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)	* AVERAGE * ANNUAL * INFLOW * (CFS)	* NET * POWER * HEAD * (FT)	* HEIGHT * OF * DAM * (FT)	* MAXIMUM * STORAGE * (1000 * AC FT)	* CAPACITY * (MW) * (3)	* ENERGY * (GWH) * (3)
COUNTY NAME: LATIMER					FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW					
FOURCHE MALINE ITE 6	S*OK02165* *SWT0370*E	TR=FOURCHE MALIN	*C	*SCS	* 34 59.7 * 95 16.0	* 16.0	* 18.0 * 26.0	* 35.0	* 5.0 * .11	* .0	* .0	* .2
LAKE CHURCH	*OK02166* *SWT0371*E	TR=FOURCHE MALIN	*CSI	*CITY OF WILB *URTON	* 34 52.9 * 95 20.1	* 4.0	* 4.0 * 49.0	* 66.0	* 5.0 * .07	* .0	* .0	* .1
FOURCHE MALINE ITE 12	S*OK02170* *SWT0372*E	TR=FOURCHE MALIN	*C	*SCS	* 34 53.7 * 95 3.4	* 7.0	* 8.0 * 29.0	* 39.0	* 3.0 * .06	* .0	* .0	* .1
FOURCHE MALINE ITE 13	S*OK02171* *SWT0373*E	TR=FOURCHE MALIN	*C	*SCS	* 34 50.5 * 95 7.9	* 12.0	* 13.0 * 35.0	* 47.0	* 4.0 * .15	* .0	* .0	* .2
FOURCHE MALINE ITE 14	S*OK02172* *SWT0374*E	TR=FOURCHE MALIN	*C	*SCS	* 34 50.2 * 95 6.2	* 11.0	* 12.0 * 46.0	* 62.0	* 4.0 * .18	* .0	* .0	* .3
LAKE WAYNE WALLA CE	*OK02174* *SWT0375*E	TR=FOURCHE MALIN	*R	*	* 34 59.7 * 95 21.8	* 11.0	* 12.0 * 68.0	* 80.0	* 6.0 * .27	* .0	* .0	* .4
COUNTY NAME: LE FLORE					FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW					
CASTON-MOUNTAIN REEK #1	C*OKU0310* *SWT0376*E	CASTON-MOUNTAIN	*C	*SCS DQA	* 34 59.3 * 94 50.6	* 6.0	* 6.0 * 52.0	* 71.0	* 2.0 * .13	* .0	* .0	* .2
CASTON-MOUNTAIN REEK #3	C*OKU0312* *SWT0377*E	CASTON-MOUNTAIN	*C	*SCS DQA	* 33 58.7 * 95 48.0	* 7.0	* 7.0 * 42.0	* 57.0	* 3.0 * .09	* .0	* .0	* .1
ROCK CREEK #4 AMICHI	KI*OKU0630* *SWT0378*E	ROCK CREEK	*C	*SCS DQA	* 34 37.5 * 96 59.3	* 9.0	* 4.0 * 40.0	* 54.0	* 4.0 * .07	* .0	* .0	* .1
BRAZIL RESERVOIR	*OKU0800* *SWT0379*E	BRAZIL CREEK	*CS	*DAEN SWT	* 35 8.0 * 94 47.0	* 199.0	* 210.0 * 43.0	* 58.0	* 115.0 * 1.64	* .0	* .0	* 3.0
CASTON MOUNTAIN SITE 1	*OK02155* *SWT0380*E	TR=PECTEAU RIVER	*C	*SCS	* 34 59.3 * 94 50.6	* 6.0	* 6.0 * 61.0	* 83.0	* 2.0 * .15	* .0	* .0	* .2

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

(07/09/79)

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PROJECT NAME	* IDENT NUMBER	* NAME OF STREAM CR RIVER	* PROJ PURP	* OWNER	*LATITUDE LONGITUDE	* DRAINAGE AREA	* AVERAGE ANNUAL INFLW	* NET POWER	* HEIGHT OF DAM	* MAXIMUM STORAGE (1000	* CAPACITY (MW)	* ENERGY (GWH)
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	AC FT)	(3)	(3)
*****												
COUNTY NAME: LE FLORE					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
*****												
TOWN OF SPRIO 20	OK02156	HOLI-TUSKA CREEK	SR		35 12.0	15.0	17.0	30.0	35.0	2.0	0.0	0.0
1	SWT0381				94 37.2					.15	N	.2
CEDAR LAKE	OK10067	TR-FOURCHE MALIN	R	CEDAR LAKE	34 16.0	9.0	8.0	26.0	30.0	1.0	0.0	0.0
	SWT0382	E			94 15.0					.07	N	.1
WISTER LAKE	OK10315	POTEAU RIVER	CD	DAEN SWT	34 56.3	993.0	938.0	73.0	99.0	428.0	0.0	0.0
	SWT0383				94 43.0					19.79	N	41.6
ROCK CREEK SITE	OK11022	TRIPROCK CREEK	C	TALIHINA SOI	34 45.7	9.0	10.0	43.0	58.0	6.0	0.0	0.0
14	SWT0384			L CONSV DIST	95 1.8					.14	N	.2
*****												
COUNTY NAME: LINCOLN					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
*****												
CHANDLER RESERVOIR	OKU0049	BELLCOW CREEK	SR	DAEN SWT	35 43.0	42.0	35.0	41.0	56.0	19.0	0.0	0.0
	SWT0385				96 54.5					.11	T	.1
DAVENPORT RESERVOIR	OKU0069	DRY CREEK			35 41.0	176.0	76.0	37.0	50.0	63.0	0.0	0.0
	SWT0386				96 42.0					.82	T	1.0
FALLS RESERVOIR	OKU0082	BEAR CREEK	CR	DAEN SWT	35 46.5	94.0	33.0	43.0	58.0	40.0	0.0	0.0
	SWT0387				97 8.5					.25	T	.3
FALLS RESERVOIR	OKU0083	BEAR CREEK			35 46.0	90.0	31.0	43.0	58.0	40.0	0.0	0.0
	SWT0388				97 7.5					.24	T	.3
KENDRICK RESERVOIR	OKU0118	DRY CREEK			35 46.5	82.0	29.0	48.0	65.0	120.0	0.0	0.0
	SWT0389				96 50.5					.24	T	.3
KENDRICK RESERVOIR	OKU0120	DRY CREEK	SR	DAEN SWT	35 46.5	82.0	29.0	42.0	57.0	38.0	0.0	0.0
	SWT0390				96 50.5					.21	T	.2
MEEKER RESERVOIR	OKU0135	QUAPAW CREK	SR	DAEN SWT	35 31.5	67.0	21.0	57.0	77.0	96.0	0.0	0.0
	SWT0391				96 57.0					.27	T	.3
*****												

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LINCOLN FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
WELLSTON RESERVOIR *OKU0223*CAPTAIN CREEK * * * * * 35 35.5 * 49.0 * 17 * 48 * 65 * 107 * U 0 * U 0
*SWT0392* * * * * 97 5.5 * * * * * * * * * * T .14 * T .2
WELLSTON RESERVOIR *OKU0233*CAPTAIN CREEK *Egor *DAEN SWT * 35 35.5 * 49.0 * 16 * 59 * 75 * 107 * U 0 * U 0
*SWT0393* * * * * 97 5.5 * * * * * * * * * * T .21 * T .2
*****
COUNTY NAME: LOGAN FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
COTTONWOOD #30 *OKU0511*COTTONWOOD CREEK *C *SCS DOA * 35 35.8 * 24.0 * 8 * 35 * 48 * 6 * U 0 * U 0
*SWT0394* * * * * 97 42.8 * * * * * * * * * * T .05 * T .1
COTTONWOOD #45 *OKU0918*COTTONWOOD CREEK *C *SCS DOA * 35 41.7 * 24.0 * 8 * 36 * 49 * 6 * U 0 * U 0
*SWT0395* * * * * 97 31.6 * * * * * * * * * * T .05 * T .1
*****
COUNTY NAME: LOVE FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
LOWER BAYOU #7 *OKU0423*LOWER BAYOU *C *SCS DOA * 33 57.0 * 6.0 * 6 * 37 * 50 * 2 * U 0 * U 0
*SWT0396* * * * * 97 15.0 * * * * * * * * * * T .07 * T .1
LOWER BAYOU #12 *OKU0424*LOWER BAYOU *C *SCS DOA * 34 .3 * 16.4 * 8 * 32 * 43 * 5 * U 0 * U 0
*SWT5005* * * * * 97 19.0 * * * * * * * * * * T .09 * T .1
LOWER BAYOU #13 *OKU0425*LOWER BAYOU *C *SCS DOA * 34 .2 * 5.0 * 5 * 33 * 44 * 1 * U 0 * U 0
*SWT0398* * * * * 97 24.5 * * * * * * * * * * T .05 * T .1
LOWER BAYOU #20 *OKU0920*LOWER BAYOU *C *SCS DOA * 33 55.3 * 6.0 * 6 * 37 * 50 * 2 * U 0 * U 0
*SWT0399* * * * * 97 20.2 * * * * * * * * * * T .07 * T .1
LAKE MURRAY *OK10039*TR=ANADARCHE CRE *R *STATE OF OKL * 34 2.4 * 56.0 * 28 * 92 * 108 * 153 * E 0 * E 0
*SWT0400*EK * *AHUMA * 97 4.0 * * * * * * * * * * N .90 * N 1.0
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P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P W E R   S I T E S
I N   T H E   S T A T E   O F   O K L A H O 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) *	* AVERAGE * * ANNUAL * * INFLOW * * (CFS) *	* NET * * POWER * * HEAD * * (FT) *	* HEIGHT * * OF * * DAM * * (FT) *	* MAXIMUM * * STORAGE * * (1000 * * (AC FT) *	* CAPACITY * * (MW) * * (3) *	* ENERGY * * (GWH) * * (3) *
*****												
COUNTY NAME: MAYES					FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW					
*****												
CHelsea RESERVOIR	*OKU0050*	PRYOR CREEK	*C	*SCS ODA	* 36 29.5 *	* 180.0 *	* 128. *	* 50. *	* 68. *	* 63. *	*U	* 0. *
	SWT0401				* 95 24.0 *						*T	* 1.24 *
PRYOR '22	*OKU0528*	PRYOR CREEK	*C	*SCS ODA	* 36 37.7 *	* 15.0 *	* 11. *	* 30. *	* 41. *	* 5. *	*U	* 0. *
	SWT0402				* 95 21.9 *						*T	* .09 *
PRYOR '28	*OKU0530*	PRYOR CREEK	*C	*SCS ODA	* 36 33.6 *	* 7.0 *	* 8. *	* 31. *	* 42. *	* 2. *	*U	* 0. *
	SWT0403				* 95 17.5 *						*T	* .05 *
MARKHAM FERRY DAM	*OKU00134*	GRAND RIVER	*H C	*GRAND RIVER	* 36 14.0 *	* 11533.0 *	* 7865. *	* 52. *	* 94. *	* 445. *	*E	* 100.00 *
	SWT0404			*DAM AUTHCR.	* 95 10.9 *						*N	* 23.25 *
PENSACOLA DAM	*OKU00135*	GRAND RIVER	*H C	*GRAND RIVER	* 36 28.4 *	* 10296.0 *	* 7023. *	* 121. *	* 143. *	* 2197. *	*E	* 90.00 *
	SWT0405			*DAM AUTHCR.	* 95 2.0 *						*N	* 166.09 *
*****												
COUNTY NAME: MCCLAIN					FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW					
*****												
CRINER CREEK RESERVOIR	*OKU0067*	CHINER CREEK	*C		* 34 51.5 *	* 66.0 *	* 17. *	* 70. *	* 95. *	* 564. *	*U	* 0. *
	SWT5006				* 97 30.0 *						*T	* .27 *
PURCELL RESERVOIR	*OKU0165*	WALNUT CREEK	*CSRI	*DAEN SWT	* 35 4.5 *	* 135.0 *	* 19. *	* 52. *	* 71. *	* 53. *	*U	* 0. *
	SWT0407				* 97 31.0 *						*T	* .31 *
DURCELL RESERVOIR	*OKU0788*	WALNUT CREEK	*CSRI	*DAEN SWT	* 35 4.5 *	* 135.0 *	* 19. *	* 70. *	* 71. *	* 53. *	*U	* 0. *
	SWT0408				* 97 31.0 *						*T	* .41 *
*****												
COUNTY NAME: MCCURTAIN					FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW					
*****												
BEAR CREEK RESERVOIR	*OKU0013*	MOUNTAIN FORK R	*HC	*DAEN SWT	* 34 17.0 *	* 669.0 *	* 1095. *	* 165. *	* 0. *	* 0. *	*U	* 0. *
	SWT0409	VER			* 94 40.0 *						*T	* 67.05 *
IDABEL RESERVOIR	*OKU0113*	LITTLE RIVER	*IHC	*DAEN SWT	* 33 56.5 *	* 1190.0 *	* 1654. *	* 42. *	* 95. *	* 1415. *	*U	* 0. *
	SWT0410				* 94 46.0 *						*T	* 5.54 *
*****												
L E G E N D												

L E G E N D

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*****

P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   O K L A H O 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) *	* AVERAGE * * ANNUAL * * INFLOW * * (CFS) *	* NET * * POWER * * HEAD * * (FT) *	* HEIGHT * * OF * * DAM * * (FT) *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MW) *	* ENERGY * * (GWH) *
*****												
COUNTY NAME: MCCURTAIN												
*****												
LUKFATA RESERVOIR	*OKU0130*	GLOVER CREEK	*FS*	*DAEN SWT	* 34 8.5 *	252.0*	433.*	130.*	176.*	252.*	0.*	0.*
	SWT0411				* 94 48.0 *					*T	20.57*	31.0
SHERWOOD RESERVOIR	*OKU0185*	MOUNTAIN FORK CR	*CSR*	*DAEN SWT	* 34 23.0 *	601.0*	983.*	142.*	192.*	733.*	0.*	0.*
	SWT0412	EEK			* 94 42.5 *					*T	51.81*	81.5
WHITEGRASS-WATER HOLE CREEK MEDIC	*OKU0827*	WHITEGRASS-WATER HOLE CREEK	*C*	*SCS DDA	* 33 48.7 *	10.0*	11.*	27.*	37.*	4.*	0.*	0.*
	SWT0413				* 94 56.1 *					*T	.07*	.1
OTTER CREEK #3	*OKU0851*	OTTER CREEK	*C*	*SCS DDA	* 34 11.8 *	10.0*	9.*	34.*	46.*	2.*	0.*	0.*
	SWT0414				* 94 40.9 *					*T	.13*	.2
OTTER CREEK #4	*OKU0852*	OTTER CREEK	*C*	*SCS DDA	* 34 13.7 *	7.0*	7.*	30.*	40.*	2.*	0.*	0.*
	SWT0415				* 94 44.7 *					*T	.08*	.1
WHITEGRASS-WATER HOLD SITE 6	*OK02069*	TR-RED RIVER	*C*	*SCS	* 33 55.3 *	10.0*	11.*	24.*	32.*	4.*	0.*	0.*
	SWT0416				* 94 58.3 *					*N	.06*	.1
PINE CREEK LAKE	*OK10306*	LITTLE RIVER	*CSO*	*DAEN SWT	* 34 26.5 *	635.0*	924.*	92.*	124.*	466.*	0.*	0.*
	SWT0417				* 95 4.9 *					*N	36.25*	49.3
BROKEN BOW LAKE	*OK10307*	MOUNTAIN FORK RIVER	*CRHSO*	*DAEN SWT	* 34 8.9 *	754.0*	1234.*	166.*	208.*	1369.*	100.00*	129.0
	SWT0418	VER			* 94 41.2 *					*N	0.*	0.*
*****												
COUNTY NAME: MCINTOSH												
*****												
EUFAULA LAKE	*OK10308*	CANADIAN RIVER	*CSHN*	*DAEN SWT	* 35 18.5 *	47522.0*	5416.*	77.*	99.*	3848.*	90.00*	260.3
	SWT0419				* 95 21.7 *					*N	0.*	0.*
SPAVINAW	*OK11025*	SPAVINAW CREEK	*SR*	*CITY OF TUL*	* 36 23.0 *	380.0*	319.*	55.*	75.*	76.*	0.*	0.*
	SWT0420				* 95 2.9 *					*N	2.97*	8.8
*****												

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*****

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF OKLAHOMA

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER *	NAME OF STREAM OR RIVER	* PROJ * * PURP *	OWNER	* LATITUDE * * LONGITUDE *	* DRAINAGE * * AREA *	* AVERAGE * * ANNUAL * * INFLOW *	* NET * * PCWER *	* HEIGHT * * HEAD *	* MAXIMUM * * DAM *	* CAPACITY * * (1000 * * (MW) *	* ENERGY * * (GWH) *
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: MURRAY					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
MILL '15	*OKU0857*	MILL CREEK	*C	*SCS DOA	* 34 27.0 *	6.0*	6.*	30.*	40.*	1.*U	0.*U	0.*
	SWT0421				* 96 52.2 *					*T	.06*T	.1
KICKAPOO SANDY K-1	*OKU0861*	KICKAPOO SANDY CREEK	*C	*SCS DOA	* 34 37.7 *	7.0*	7.*	31.*	42.*	2.*U	0.*U	0.*
	SWT0422				* 97 10.2 *					*T	.07*T	.1
ROCK CREEK '15 ASHITA	*OKU02010*	ROCK CREEK	*C	*SCS DOA	* 34 37.5 *	5.0*	5.*	34.*	46.*	2.*E	0.*E	0.*
	SWT0423				* 96 39.3 *					*N	.05*N	.1
ROCK CREEK '14 ASHITA	*OKU02011*	ROCK CREEK	*C	*SCS DOA	* 34 37.5 *	7.0*	7.*	27.*	36.*	3.*E	0.*E	0.*
	SWT0424				* 96 59.3 *					*N	.06*N	.1
ARBuckle 108	*OKU02501*	ROCK CREEK	*CSRD	*USA	* 34 25.7 *	126.0*	55.*	105.*	142.*	232.*E	0.*E	0.*
	SWT0425				* 97 1.5 *					*N	1.27*N	2.3
WILDHORSE '4	*OKU10690*	WILDHORSE CREEK	*C	*SCS DOA	* 34 29.3 *	6.0*	6.*	48.*	65.*	2.*E	0.*E	0.*
	SWT0426				* 97 15.4 *					*N	.09*N	.1
COUNTY NAME: NOBLE					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
BLACK BEAR RESERVOIR	*OKU00021*	BLACK BEAR CREEK		*DAEN SWT	* 36 21.0 *	237.0*	66.*	75.*	102.*	265.*U	0.*U	0.*
	SWT0427				* 97 22.0 *					*T	1.09*T	1.3
UPPER DIOE RESERVOIR	*OKU0216*	RED ROCK CREEK			* 36 29.0 *	394.0*	121.*	51.*	69.*	229.*U	0.*U	0.*
	SWT0428				* 97 14.0 *					*T	1.37*T	1.6
UPPER BLACK BEAR '48	*OKU01201*	UPPER BLACK BEAR CREEK	*C	*GAPBRES	* 36 9.6 *	3.0*	1.*	185.*	53.*	1.*E	0.*E	0.*
	SWT0429				* 97 17.0 *					*N	.06*N	.1
COUNTY NAME: OKFUSKEE					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
WELTY RESERVOIR	*OKU0224*	DEEP FORK CANADIAN RIVER	*ESOR	*DAEN-SWT	* 35 38.0 *	1485.0*	605.*	49.*	66.*	453.*U	0.*U	0.*
	SWT0430				* 96 23.5 *					*T	4.45*T	10.4

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF OKLAHOMA

(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)	* CAPACITY (MW)	* ENERGY (GWH)
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)		(3)	(3)
*****												
COUNTY NAME: OKLAHOMA					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
*****												
ARCADIA RESERVOIR	*OKU0007*	*DEER FORK RIVER	*CSRO	*DAEN SWT	* 35 34.0 *	* 105.0 *	* 15. *	* 75. *	* 102. *	* 184. *	*U 0. *	*U 0. *
	SWT0431				* 97 21.5 *						*T .34*	*.3
COFFEE CREEK RESERVOIR	*OKU0057*	*COFFEE CREEK			* 35 41.0 *	* 37.0 *	* 13. *	* 67. *	* 91. *	* 33. *	*U 0. *	*U 0. *
	SWT0432				* 97 23.0 *						*T .15*	*.2
ARCADIA RESERVOIR	*OKU0796*	*DEEP FORK RIVER	*CSRO	*DAEN SWT	* 35 39.0 *	* 105.0 *	* 37. *	* 75. *	* 102. *	* 184. *	*U 0. *	*U 0. *
	SWT0433				* 97 21.5 *						*T .49*	*.5
BELLE ISLE LAKE	*OK02404*	*DEEPFORK	*OCR	*OKLAHOMA GAS	* 35 31.7 *	* 9876.0 *	* 170. *	* 16. *	* 22. *	* 2. *	*E 0. *	*E 0. *
	SWT0434			* + ELEC CO	* 97 32.1 *						*N .53*	*1.2
LAKE HEFENER	*OK02535*	*TR-BLUFF CREEK	*SR	*OKALHOMA CIT	* 35 34.9 *	* 13.0 *	* 5. *	* 85. *	* 115. *	* 100. *	*E 0. *	*E 0. *
	SWT0435			*Y	* 97 36.4 *						*N .07*	*.1
LAKE OVERHULSER	*OK02537*	*NORTH CANADIAN	*SR	*CITY OF OKC.	* 35 29.1 *	* 8300.0 *	* 143. *	* 37. *	* 50. *	* 32. *	*E 0. *	*E 0. *
	SWT0436				* 97 40.0 *						*N 1.27*	*2.5
*****												
COUNTY NAME: OKMULGEE					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
*****												
MORSE RESERVOIR	*OKU0137*	*NUYAKA CREEK			* 35 37.0 *	* 83.0 *	* 36. *	* 30. *	* 41. *	* 31. *	*U 0. *	*U 0. *
	SWT0437				* 96 11.5 *						*T .38*	*.4
NUYAKA RESERVOIR	*OKU0146*	*DEEP FORK CANADI			* 35 42.0 *	* 1894.0 *	* 772. *	* 57. *	* 77. *	* 1067. *	*U 0. *	*U 0. *
	SWT0438	*AN RIVER			* 96 7.0 *						*T 4.34*	*12.6
OKMULGEE RESERVOIR	*OKU0149*	*DEEP FORK RIVER	*CSRO	*DAEN SWT	* 35 39.0 *	* 2046.0 *	* 834. *	* 61. *	* 83. *	* 700. *	*U 0. *	*U 0. *
	SWT0439				* 96 2.0 *						*T 4.17*	*13.1
OKFUSKEE TRIBUTARIES SITE #3-1	*OKU0467*	*SALT CREEK	*C	*SCCS DOA	* 35 20.4 *	* 25.0 *	* 10. *	* 57. *	* 77. *	* 25. *	*U 0. *	*U 0. *
	SWT0440				* 96 3.6 *						*T .14*	*.2
OKMULGEE LAKE	*OK01362*	*SALT CREEK	*SR	*CITY OF OKMU	* 35 37.3 *	* 46.0 *	* 20. *	* 50. *	* 68. *	* 26. *	*E 0. *	*E 0. *
	SWT0441			*LGEE	* 96 3.7 *						*N .38*	*.4
*****												
LEGEND												

L E G E N D

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P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   O K L A H O M 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 * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: OKMULGEE FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
SALT CREEK SITE *OKI1032*SALT CREEK *S *CITY OF OKM* 35 34.3 * 4.0* 3. 58. 78. 34. E 0. E 0.
'S-1 *SWT0442* *LGEE * 96 6.3 * * * * *N .08*N .1
*****
COUNTY NAME: OSAGE FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
AVANT RESERVOIR *OKU0009*HARD CREEK *CSI *DAEN SWT * 36 29.5 * 336.0* 185. 50. 68. 159. U 0. U 0.
*SWT0443* * * * 96 5.5 * * * * *T 1.63*T 2.1
*****
BEAVER RESERVOIR *OKU0014*BEAVER CREEK *CS *DAEN SWT * 36 55.5 * 76.0* 27. 64. 87. 74. U 0. U 0.
*SWT0444* * * * 96 43.0 * * * * *T .30*T .3
*****
CANDY RESERVOIR *OKU0040*CANDY CREEK *FSR *DAEN SWT * 36 30.0 * 43.0* 49. 75. 102. 97. U 0. U 0.
*SWT0445* * * * 76 2.0 * * * * *T 1.13*T 2.1
*****
COON RESERVOIR *OKU0059*COON CREEK * * * * 36 56.5 * 37.0* 13. 78. 106. 213. U 0. U 0.
*SWT0446* * * * 96 1.0 * * * * *T .18*T .2
*****
MISSION RESERVOIR *OKU0136*MISSION CREEK * * * * 36 53.0 * 34.0* 12. 41. 56. 27. U 0. U 0.
R *SWT0447* * * * 96 3.0 * * * * *T .09*T .1
*****
SAND RESERVOIR *OKU0179*SAND CREEK *FSRD *DAEN SWT * 36 44.0 * 137.0* 74. 84. 114. 91. U 0. U 0.
*SWT0448* * * * 96 9.0 * * * * *T 1.34*T 1.7
*****
SHIDLER RESERVOIR *OKU0184*SALT CREEK *FSRD *DAEN SWT * 36 47.5 * 99.0* 35. 86. 117. 196. U 0. U 0.
R *SWT0449* * * * 96 38.0 * * * * *T .53*T .6
*****
SHIDLER RESERVOIR *OKU0186*SALT CREEK * * * * 36 47.5 * 89.0* 31. 65. 88. 40. U 0. U 0.
R *SWT0450* * * * 96 38.0 * * * * *T .36*T .4
*****
SKIATOOK RESERVOIR *OKU0189*HOMINY CREEK *CSRD *DAEN SWT * 36 21.0 * 354.0* 194. 106. 143. 893. U 0. U 0.
R *SWT0451* * * * 96 6.0 * * * * *T 3.02*T 4.2
*****
CANDY RESERVOIR *OKU0798*CANDY CREEK *ESR *DAEN SWT * 36 30.0 * 43.0* 15. 75. 102. 97. E 0. E 0.
CANDY LAKE *SWT0452* * * * 96 2.0 * * * * *N .20*N .2
*****
L E G E N D

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*****

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

(07/09/79)

PROJECT NAME	* IDNT * * 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 * * (MW) *	* ENERGY * * CAPACITY * * (GWH) *
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	AC FT)	(3) (3)
*****											
COUNTY NAME: OSAGE											
*****											
CITY OF HOMINY											
	OK01344	TR-CLAREMORE CRE	*SR	*CITY OF HOMI	*36 24.6	*4.0*	*3.0*	*44.0*	*60.0*	*6.0*	*0.0*
	SWT0453	EK		*NY	*96 24.8					*.06*	*.1
BLUESTEM LAKE											
	OK02570	MIDDLE BIRG CREE	*SR	*CITY OF PAWH	*36 41.6	*46.0*	*16.0*	*72.0*	*97.0*	*278.0*	*0.0*
	SWT0454	K		*USKA	*96 23.7					*.20*	*.2
BYARS LAKE											
	OK10019	TR-PEAVINE	*CSHQ	*DAEN SWT	*34 52.0	*66.0*	*36.0*	*72.0*	*97.0*	*58.0*	*0.0*
	SWT0455				*97 4.0					*.75*	*.8
KEYSTONE LAKE											
	OK10040	TR-DEEP FORK	*FSR	*DAEN SWT	*35 37.4	*43.0*	*15.0*	*75.0*	*102.0*	*97.0*	*0.0*
	SWT0456				*96 13.0					*.20*	*.2
HULAH LAKE											
	OK10309	ARKANSAS RIVER	*CSHNR	*DAEN SWT	*36 9.0	*74506.0*	*6734.0*	*75.0*	*121.0*	*1837.0*	*70.00*
	SWT0457				*94 14.7					*95.49*	*75.0
BIRCH RESERVOIR											
	OK10312	CANEY RIVER	*CSO	*DAEN SWT	*35 55.6	*732.0*	*361.0*	*69.0*	*94.0*	*293.0*	*0.0*
	SWT0458				*96 23.0					*4.20*	*7.5
KAW RESERVOIR											
	OK20508	BIRCH CREEK	*CSRD	*DAEN SWT	*36 17.0	*66.0*	*36.0*	*72.0*	*97.0*	*58.0*	*0.0*
	SWT0459				*96 10.0					*.75*	*.8
COUNTY NAME: PAWNEE											
*****											
LOWER BLACK BEAR											
	OKU0406	LOWER BLACK BEAR	*C	*SCS DOA	*36 24.7	*4.0*	*3.0*	*42.0*	*57.0*	*2.0*	*0.0*
	SWT0461	CREEK			*96 49.1					*.06*	*.1
COUNTY NAME: OSAGE											
*****											
LOWER BLACK BEAR											
	OKU0661	LOWER BLACK BEAR	*C	*SCS DOA	*37 23.0	*4.0*	*3.0*	*41.0*	*55.0*	*1.0*	*0.0*
	SWT0462	CREEK			*96 5.0					*.06*	*.1
COUNTY NAME: OSAGE											
*****											
LOWER BLACK BEAR											
	OKU0931	LOWER BLACK BEAR	*C	*SCS DOA	*36 24.7	*4.0*	*3.0*	*42.0*	*57.0*	*2.0*	*0.0*
	SWT0463	CREEK			*96 49.1					*.06*	*.1
*****											

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)

*****

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

(07/09/79)

```

*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: PAYNE FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
LAKE CARL BLACKWATER OK01388 STILLWATER CREEK CSK OKLAHOMA STA 36 8.5 76.0 27. 53. 72. 128. 0. 0.
ELL SWT0464 STATE UNIVERSITY 97 11.5 * * * * *N .25*N .3
*****
COUNTY NAME: PITTSBURG FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
TALAWANDA NO. 2 OK01340 COAL CREEK S CITY OF MCAL 34 59.5 112.0 119. 33. 45. 12. 0. 0.
SWT0465 ESTER 95 47.6 * * * * *N .96*N 1.4
*****
CITY OF MCAL ESTER OK01341 TR-PEACEABLE CREEK S CITY OF MCAL 34 58.7 112.0 119. 34. 45. 2. 0. 0.
R 206 SWT0466 EK ESTER 95 47.6 * * * * *N 1.00*N 1.5
*****
LAKE MCAL ESTER OK02576 TR-BULL CREEK SR * * 35 1.0 31.0 33. 13. 18. 45. 0. 0.
SWT0467 * * 95 48.2 * * * * *N .10*N .2
*****
COUNTY NAME: PONTOTOC FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
SANDY '15 OKU0755 SANDY CREEK C SCS DOA 34 42.5 7.0 7. 27. 36. 3. 0. 0.
SWT0468 * * 96 56.5 * * * * *T .06*T .1
*****
SANDY CREEK SITE OK01245 TR-SANDY CREEK C SCS DOA 34 43.1 8.0 8. 47. 63. 3. 0. 0.
4 SWT0469 * * 96 46.8 * * * * *N .09*N .1
*****
SANDY '12 OKU1250 SANDY CREEK C SCS DOA 34 41.2 6.0 6. 67. 90. 3. 0. 0.
SWT0470 * * 96 52.5 * * * * *N .13*N .2
*****
UPPER CLEAR BOGGY OK01281 UPPER CLEAR BOGGY C SCS DOA 34 39.6 9.0 8. 29. 39. 3. 0. 0.
Y '31 SWT0471 Y CREEK * * 96 37.3 * * * * *N .05*N .1
*****
UPPER CLEAR BOGGY OK01282 UPPER CLEAR BOGGY C SCS DOA 34 40.4 9.0 8. 43. 58. 3. 0. 0.
Y '32 SWT0472 Y CREEK * * 96 40.5 * * * * *N .09*N .1
*****

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(07/09/79)

LEGEND

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(07/09/79)

LEGEND

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

(07/09/79)

PROJECT NAME	* IDENT NUMBER (1)	* NAME OF STREAM OR RIVER	* PROJ PURP (2)	OWNER	* LATITUDE LONGITUDE (DM, P)	* DRAINAGE AREA (SQ MI)	* AVERAGE ANNUAL INFLOW (CFS)	* NET POWER HEAD (FT)	* HEIGHT OF DAM (FT)	* MAXIMUM STORAGE (1000 AC FT)	* CAPACITY (MW) (3)	* ENERGY (GWH) (3)
*****												
COUNTY NAME: SEQUOYA												
*****												
FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW												
*****												
SALLISAW #26	*OKU0748*	SALLISAW CREEK	*C	*SCS DDA	* 35 43.7 *	* 11.0 *	* 12. *	* 44. *	* 60. *	* 5. *U	* 0. *U	* 0. *
	SWT0500				* 94 40.5 *					*T	*.18*T	*.3
*****												
SALLISAW CREEK	*OK01231*	TR-SALLISAW CREEK	*C	*SALLISAW CRE	* 35 39.2 *	* 10.0 *	* 11. *	* 61. *	* 83. *	* 4. *E	* 0. *E	* 0. *
ITE 24	*SWT0501*	*K		*EK 28	* 94 48.4 *					*N	*.22*N	*.3
*****												
SALLISAW CREEK	*OK01232*	TR-SALLISAW CREEK	*CS	*SCS	* 35 32.8 *	* 12.0 *	* 13. *	* 44. *	* 59. *	* 8. *E	* 0. *E	* 0. *
ITE 29	*SWT0502*	*K			* 94 49.6 *					*N	*.19*N	*.3
*****												
SALLISAW CREEK	*OK01233*	TR-SALLISAW CREEK	*C	*SCS	* 35 34.2 *	* 8.0 *	* 9. *	* 39. *	* 53. *	* 4. *E	* 0. *E	* 0. *
ITE 30	*SWT0503*	*K			* 94 44.0 *					*N	*.11*N	*.2
*****												
SALLISAW CREEK	*OK01234*	TR-SALLISAW CREEK	*C	*SALLISAW CRE	* 35 28.2 *	* 10.0 *	* 11. *	* 27. *	* 36. *	* 3. *E	* 0. *E	* 0. *
ITE 32	*SWT0504*	*K		*EK 32	* 94 46.0 *					*N	*.08*N	*.1
*****												
SALLISAW #36	*OK01237*	SALLISAW CREEK	*C	*SCS DDA	* 35 32.0 *	* 9.0 *	* 10. *	* 64. *	* 86. *	* 4. *E	* 0. *E	* 0. *
	SWT0505				* 94 41.8 *					*N	*.21*N	*.3
*****												
MULDROW LAKE	*OK02344*	TR-CAMP CREEK	*S	*TOWN OF MULD	* 35 26.7 *	* 5.0 *	* 5. *	* 47. *	* 55. *	* 1. *E	* 0. *E	* 0. *
	SWT0506			*RDW	* 94 33.3 *					*N	*.06*N	*.1
*****												
SALLISAW #25	*OK11009*	SALLISAW CREEK	*C	*SCS DDA	* 35 39.9 *	* 12.0 *	* 13. *	* 62. *	* 84. *	* 8. *E	* 0. *E	* 0. *
	SWT0507				* 94 44.2 *					*N	*.27*N	*.4
*****												
COUNTY NAME: STEPHENS												
*****												
FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW												
*****												
EAST HEAVER RESE	*OKU0078*	LITTLE BEAVER CR			* 34 32.5 *	* 104.0 *	* 11. *	* 37. *	* 50. *	* 20. *U	* 0. *U	* 0. *
RVOIR	*SWT0508*	*EEK			* 98 4.5 *					*T	*.09*T	*.2
*****												
CITY OF DUNCAN	*OK10736*	TR-CLEAR CREEK	*S	*CITY OF DUNC	* 34 35.2 *	* 31.0 *	* 10. *	* 30. *	* 36. *	* 10. *E	* 0. *E	* 0. *
	SWT0509			*AN	* 97 50.5 *					*N	*.05*N	*.1
*****												

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*****

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

(07/09/79)

```

*****
*   IDENT * NAME OF STREAM * PROJ *   AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
*   (1) *   *   *   (2) *   *   * (DH,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) *   (3) * (3)
*****
COUNTY NAME: TEXAS                                FERC POWER SUPPLY AREA 36    FERC REGIONAL OFFICE CODE FW
*****
OPTIMA RESERVOIR*OK20510*NORTH CANADIAN R*CSRD *DAEN SWT * 36 40.0 * 5029.0* 66.* 89.* 120.* 613.*E 0.*E 0.
*SWT0510*IVER * * * *101 7.0 * * * * * * * *N 1.06*N 1.5
*****
COUNTY NAME: TILLMAN                                FERC POWER SUPPLY AREA 33    FERC REGIONAL OFFICE CODE FW
*****
DEER RED RUN SIT*OKU0443*COFFIN CREEK *CO *SCS DOA * 34 30.0 * 59.0* 10.* 47.* 63.* 25.*E 0.*E 0.
E '1 *SWT0511* * * * * 98 50.0 * * * * * * * *N .08*N .1
*****
COUNTY NAME: WAGONER                                FERC POWER SUPPLY AREA 33    FERC REGIONAL OFFICE CODE FW
*****
BIXBY PUBLIC WDR*OK02339*TR-COUNTAIN CREEKS * * * * 35 54.0 * 5.0* 4.* 66.* 78.* 3.*E 0.*E 0.
KS AUTHORITY DAM*SWT0512*K * * * * 95 47.8 * * * * * * * *N .12*N .1
*****
FORT GIBSON LAKE*OK10314*GRAND RIVER *CH *DAEN SWT * 35 52.0 * 12492.0* 7895.* 58.* 110.* 1284.*E 45.00*E 190.5
*SWT0513* * * * * 95 14.0 * * * * * * * *N 100.59*N 102.9
*****
COUNTY NAME: WASHINGTON                                FERC POWER SUPPLY AREA 33    FERC REGIONAL OFFICE CODE FW
*****
COPAN RESERVOIR *OKU0062*LITTLE CANEY RIV*CSRD *DAEN SWT * 36 53.0 * 505.0* 277.* 52.* 70.* 339.*U 0.*U 0.
*SWT0514*ER * * * * 95 57.0 * * * * * * * *T 2.60*T 4.3
*****
MUDDY FORK OF IL*OKU0549*MUDDY FORK *C *SCS DOA * 35 58.9 * 13.0* 14.* 59.* 80.* 6.*U 0.*U 0.
LINDIS RIVER SIT*SWT0515* * * * * 94 26.0 * * * * * * * *T .28*T .4
*****
COUNTY NAME: WOODWARD                                FERC POWER SUPPLY AREA 33    FERC REGIONAL OFFICE CODE FW
*****
FORT SUPPLY LAKE*OK10318*WOLF CREEK *CO *DAEN SWT * 36 33.0 * 1735.0* 64.* 22.* 30.* 102.*E 0.*E 0.
*SWT0517* * * * * 99 34.0 * * * * * * * *N .31*N .5
*****

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STATE OF SOUTH DAKOTA

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

POTENTIAL INCREMENTAL CAPACITY RANGES																		
I N F E R T	H E A D	C M O D E																
			.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
			EXIST* EXIST* UNDEV* TOTAL*				EXIST* EXIST* UNDEV* TOTAL*				EXIST* EXIST* UNDEV* TOTAL*				EXIST* EXIST* UNDEV* TOTAL*			
			INST* INCR* POTEN* INCR*				INST* INCR* POTEN* INCR*				INST* INCR* POTEN* INCR*				INST* INCR* POTEN* INCR*			
			1 CAP* 2 CAP* 3 CAP* 4 CAP*				1 CAP* 2 CAP* 3 CAP* 4 CAP*				1 CAP* 2 CAP* 3 CAP* 4 CAP*				1 CAP* 2 CAP* 3 CAP* 4 CAP*			
0-19	NUMBER		0*	2*	0*	2*	0*	0*	0*	0*	0*	0*	0*	0*	2*	0*	2*	
	CAPCTY		0.0*	1.2*	0.0*	1.2*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	1.2*	0.0*	1.2*	
	ENERGY		0.0*	1.9*	0.0*	1.9*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	1.9*	0.0*	1.9*	
20-49	NUMBER		0*	9*	0*	9*	0*	0*	0*	0*	1*	1*	0*	1*	10*	0*	10*	
	CAPCTY		0.0*	1.5*	0.0*	1.5*	0.0*	0.0*	0.0*	0.0*	100.0*	127*	0.0*	127*	100.0*	128*	0.0*	128*
	ENERGY		0.0*	2.3*	0.0*	2.3*	0.0*	0.0*	0.0*	0.0*	697*	178*	0.0*	178*	697*	181*	0.0*	181*
50-99	NUMBER		1*	5*	4*	9*	0*	0*	0*	0*	1*	0*	1*	1*	2*	5*	10*	
	CAPCTY		0.3*	4.5*	12.1*	16.6*	0.0*	0.0*	0.0*	0.0*	468*	0.0*	25.1*	25.1*	468*	4.5*	37.2*	41.8*
	ENERGY		2.4*	6.9*	33.4*	40.4*	0.0*	0.0*	0.0*	0.0*	1011*	0.0*	38.4*	38.4*	1013*	6.9*	71.9*	78.8*
>100	NUMBER		7*	7*	0*	7*	0*	0*	0*	0*	2*	2*	0*	2*	9*	9*	0*	9*
	CAPCTY		16.8*	15.0*	0.0*	15.0*	0.0*	0.0*	0.0*	0.0*	915*	271*	0.0*	271*	932*	286*	0.0*	286*
	ENERGY		66.7*	54.1*	0.0*	54.1*	0.0*	0.0*	0.0*	0.0*	4348*	654*	0.0*	654*	4415*	708*	0.0*	708*
TOTAL	NUMBER		8*	23*	4*	27*	0*	0*	0*	0*	4*	3*	1*	4*	12*	26*	5*	31*
	CAPCTY		17.1*	22.3*	12.1*	34.5*	0.0*	0.0*	0.0*	0.0*	1483*	397*	25.1*	423*	1500*	420*	37.2*	457*
	ENERGY		69.1*	65.3*	33.4*	98.8*	0.0*	0.0*	0.0*	0.0*	6056*	832*	38.4*	871*	6125*	898*	71.9*	970*
LEGEND																		
COLUMN 1 = EXISTING HYDROPOWER DEVELOPMENT									COLUMN 4 = TOTAL POTENTIAL AT ALL SITES (SUM OF COLUMNS 2 AND 3)									
COLUMN 2 = ADDITIONAL POTENTIAL AT EXISTING DAMS									CAPCTY = SUM OF CAPACITIES FOR GIVEN HEAD RANGE (MEGAWATT)									
COLUMN 3 = UNDEVELOPED POTENTIAL									ENERGY = SUM OF ENERGIES FOR GIVEN HEAD RANGE (GIGAWATT-HOUR)									

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   S O U T H   D A K O T A

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: BEADLE FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
JAMES DIVERSION *SD01143*JAMES RIVER *I *DCI USBR * 44 35.8 * 16800.0 * 246.* 14.* 16.* 5.*E 0.*E 0.
*MR00266* * 98 14.5 * * * * *N .69*N 1.4
*****
COUNTY NAME: BROWN FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE CH
*****
ELM DAM *SD00007*ELM RIVER *R *GAME FISH PA * 45 51.1 * 307.0 * 7.* 32.* 38.* 15.*E 0.*E 0.
*MR00267* * * *RKS DEPT * 98 42.4 * * * * *N .06*N .1
*****
WILLOW CREEK DAM*SD00008*WILLOW CREEK *R *GAME FISH PA * 45 42.9 * 1680.0 * 48.* 33.* 45.* 8.*E 0.*E 0.
*MR00268* * * *RKS DEPT * 98 35.3 * * * * *N .36*N .4
*****
WILLOW CREEK LAK*SD00327*WILLOW CREEK *S R *CITY OF ABER* 45 42.8 * 154.0 * 15.* 53.* 50.* 0.*E 0.*E 0.
E *MR00269* * * *DEEN * 98 35.4 * * * * *N .30*N .4
*****
COUNTY NAME: BUFFALO FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
CROW CREEK DAM *SD00714*TR-MISSOURI *R *CROWCREEKTRI* 43 58.6 * 672.0 * 21.* 41.* 56.* 19.*E 0.*E 0.
*MR00270* * * *RE * 99 17.7 * * * * *N .11*N .2
*****
LAKE SHARPE *SD01092*MISSOURI RIVER *CHINR*DAEN MRD * 44 2.3 * 249330.0 * 23573.* 78.* 95.* 1900.*E 468.00*E1011.0
*MR00271* * * * * 99 26.8 * * * * *N 0.*N 0.
*****
COUNTY NAME: BUTTE FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
BELLE FOURCHE RE*SD01100*OWL CREEK *IR *DCI USBR * 44 44.2 * 4540.0 * 59.* 69.* 88.* 246.*E 0.*E 0.
SERVOIR *MR00272* * * * *103 40.2 * * * * *N 1.97*N 2.2
*****
BELLE FOURCHE DI*SD01142*BELLE FOURCHE RI*I *DDI USBR * 44 41.4 * 4540.0 * 59.* 18.* 21.* 1.*E 0.*E 0.
VERSION *MR00273*VER * * * *103 50.1 * * * * *N .51*N .6
*****

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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 SOUTH DAKOTA

(07/10/79)

```

*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (DM.) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CHARLES MIX FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
LAKE FRANCIS CAS*SD001093*MISSOURI RIVER *CHINR*DAEN MRO * 43 1.9 * 263500.0 * 25472.* 129.* 175.* 5700.*E 320.00*E1680.0
E *MR00274* * 98 33.3 * * * * *N 215.82*N 653.9
*****
COUNTY NAME: DAVISON FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
MITCHELL DAM *SD00685*TR-MISSOURI *SN *CITY OF MITC * 43 44.4 * 584.0 * 24.* 24.* 31.* 12.*E 0.*E 0.
*MR00275* * 98 1.5 * * * *N .07*N .1
*****
COUNTY NAME: EDMUNDS FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
LAKE PARMLEY *SD00016*SNAKE CREEK *R *GAME FISH PA * 45 26.5 * 260.0 * 6.* 37.* 44.* 10.*E 0.*E 0.
*MR00276* * 98 43.9 * * * *N .05*N .1
*****
COUNTY NAME: FALL RIVER FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
FALL RIVER FALLS*SDU0008*FALL RIVER * * * 43 26.5 * 80.0 * 4.* 105.* 110.* 0.*E .20*E 1.5
*MR00277* * 103 30.0 * * * *N 0.*N 0.
*****
COAL MINE *SDU0011*SQ FK CHEYENNE R * * * 43 22.5 * 7830.0 * 118.* 91.* 0.* 103.*U 0.*U 0.
*MR00278*IVER * * 103 54.2 * * * *T 2.19*T 3.1
*****
COLD BROOK LAKE *SD001097*COLD BROOK CREEK*C *DAEN MRO * 43 27.2 * 75.0 * 4.* 83.* 112.* 7.*E 0.*E 0.
*MR00279* * 103 29.3 * * * *N .05*N .2
*****
ANGOSTURA RESERV*SD001099*CHEYENNE RIVER *IR *DDI USBR * 43 20.6 * 8720.0 * 201.* 103.* 136.* 196.*E 0.*E 0.
DIR *MR00280* * 103 26.3 * * * *N 3.37*N 6.5
*****
COUNTY NAME: HUGHES FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
LAKE DAHE *SD001095*MISSOURI RIVER *CHINR*DAEN MRO * 44 27.0 * 243500.0 * 23021.* 158.* 200.* 23600.*E 595.00*E2668.0
*MR00281* * 100 25.2 * * * *N 0.*N 0.
*****
*****
L E G E N D

```

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

P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   S O U T H   D A K O T 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 * * CAPACITY * * (1000 * * (AC FT) * * (3) *	* ENERGY * * (MWH) * * (GWH) * * (3) *	
*****												
COUNTY NAME: LAWRENCE					FERC POWER SUPPLY AREA 27			FERC REGIONAL OFFICE CODE CH				
*****												
SPEARFISH NO 1	*SDU0006*	SPEARFISH CREEK	*	*	* 44 25.0 *	139.0*	43.*	667.*	41.*	0.*E	4.00*E 19.0	
	MR00293		*	*	*103 52.0 *					*N	.62*N 1.0	
*****												
ENGLEWOOD	*SDU0012*	ENGLEWOOD CREEK	*	*	* 44 25.0 *	471.0*	73.*	486.*	0.*	0.*E	.40*E 1.0	
	MR00294		*	*	*103 47.0 *					*N	4.68*N 21.9	
*****												
REDWATER NO 2	*SDU0013*	REDWATER CREEK	*	*	* 44 37.0 *	75.0*	23.*	50.*	0.*	0.*E	.35*E 2.4	
	MR00295		*	*	*104 0.*					*N	0.*N 0.	
*****												
SPEARFISH NO 2	*SDU0014*	SPEARFISH CREEK	*	*	* 44 20.5 *	113.0*	35.*	545.*	0.*	0.*E	4.00*E 13.0	
	MR00296		*	*	*103 55.0 *					*N	0.*N 0.	
*****												
SPEARFISH NO 1	*SD90001*	SPEARFISH CREEK	*	*	* 44 25.0 *	139.0*	43.*	667.*	41.*	0.*E	4.00*E 19.0	
	MR00297		*	*	*103 52.0 *					*N	.62*N 1.0	
*****												
SPEARFISH NO 2	*SD90002*	SPEARFISH CREEK	*	*	* 44 20.5 *	113.0*	35.*	545.*	17.*	0.*E	4.00*E 13.0	
	MR00298		*	*	*103 55.0 *					*N	0.*N 0.	
*****												
COUNTY NAME: LINCOLN					FERC POWER SUPPLY AREA 17			FERC REGIONAL OFFICE CODE CH				
*****												
CANTON DAM	*SDU0005*	BIG SIOUX RIVER	*	*	* 43 19.3 *	1521.0*	278.*	70.*	75.*	235.*U	0.*U 0.	
	MR00282		*	*	* 96 31.4 *					*T	3.02*T 7.1	
*****												
COUNTY NAME: MCCOOK					FERC POWER SUPPLY AREA 27			FERC REGIONAL OFFICE CODE CH				
*****												
E VERMILLION LAK	*SD00031*	E FORK VERMILLION RIVER	*C S R*	GAME FISH PA	* 43 35.4 *	507.0*	41.*	36.*	41.*	19.*E	0.*E 0.	
E	*MR00283*	N RIVER	*	*RKS DEPT	* 97 10.3 *					*N	.48*N .6	
*****												
COUNTY NAME: MEADE					FERC POWER SUPPLY AREA 27			FERC REGIONAL OFFICE CODE CH				
*****												
PEDRO	*SDU0009*	CHEYENNE RIVER	*	*	* 44 30.0 *	20000.0*	611.*	90.*	100.*	198.*U	0.*U 0.	
	MR00299		*	*	*102 3.0 *					*T	4.02*T 17.0	
*****												
LEGEND												

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*****

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

(07.00/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: HELLLETTE FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
WHITE RIVER HYDR*SD00003*PINE CREEK OF WH*H *DON JONES * 43 36.0 * 1570.0* 171.* 160.* 17.* 1.*E .21*E .3
ELECTRIC *MR00300*ITE RIVER * * *100 54.0 * * * * *N 3.97*N 18.2
*****
COUNTY NAME: MOODY FERC POWER SUPPLY AREA 26 FERC REGIONAL OFFICE CODE CH
*****
FLANDREAU DAM *SD00004*BIG SIOUX RIVER * * * 44 0. * 3991.0* 204.* 74.* 79.* 694.*U 0. *U 0.
*MR00284* * * * 96 34.3 * * * * *T 2.90*T 6.2
*****
COUNTY NAME: PENNINGTON FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
SHERIDAN LAKE *SD01120*SPRING CREEK *RD *USDA FS * 44 0. * 146.0* 16.* 107.* 126.* 13.*E 0. *E 0.
*MR00285* * * *103 30.0 * * * * *N .48*N 1.2
*****
DEERFIELD RESERV*SD01138*CASTLE CREEK *ISR *DOI USBR * 44 1.8 * 95.0* 10.* 85.* 107.* 19.*E 0. *E 0.
DIR *MR00286* * * *103 47.2 * * * * *N .25*N .6
*****
PACTOLA RESERV*SD01139*RAPID CREEK *ICSR *DOI USBR * 44 4.3 * 319.0* 44.* 157.* 212.* 115.*E 0. *E 0.
R *MR00287* * * *103 29.3 * * * * *N 1.33*N 4.3
*****
COUNTY NAME: PERKINS FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
SDNONAME 117 *SD00922*TR-GRAND *R *STATE OF SOU* 45 46.7 * 218.0* 12.* 26.* 35.* 4.*E 0. *E 0.
*MR00288* * * *102 10.0 * * * * *N .08*N .1
*****
SHADEHILL RESERV*SD01140*GRAND RIVER OFF*ICR *DUI USBR * 45 44.6 * 312.0* 17.* 43.* 58.* 468.*E 0. *E 0.
DIR *MR00289*STREAM * * *102 12.4 * * * * *N .20*N .2
*****
SHADEHILL *SD01141*GRAND RIVER *ICR *DOI USBR * 45 45.2 * 3120.0* 118.* 34.* 114.* 468.*E 0. *E 0.
*MR00290* * * *102 12.2 * * * * *N 1.98*N 3.6
*****

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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   S O U T H   D A K O T A

(07/10/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
*  IDNT * NAME OF STREAM * PROJ*      *      *      *      *      *      *      *      *      *
PROJECT NAME * NUMBER* GR RIVER * PURP*      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
*  (1) *      *      *      *      *      *      *      *      *      *      *      *      *
*****
COUNTY NAME: SHANNON      FERC POWER SUPPLY AREA 27      FERC REGIONAL OFFICE CODE CH
*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
BRUCE DAM      *S000969*WHITE CLAY CREEK*IRS *SIOUX* 43 10.5 *      * 393.0*      * 26.* 36.* 49.*      * 20.*E 0.*E 0.
*MR00291*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: YANKTON      FERC POWER SUPPLY AREA 27      FERC REGIONAL OFFICE CODE CH
*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
LEWIS AND CLARK *S001094*MISSOURI RIVER *CHINR*DAEN MRO * 42 50.9 * 279500.0* 26391.* 47.* 63.*      * 520.*E 100.00*E 697.0
LAKE      *MR00292*      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: ZIEBACH      FERC POWER SUPPLY AREA 27      FERC REGIONAL OFFICE CODE CH
*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
CHERRY CREEK   *SDU0010*CHEYENNE RIVER *      *      *      *      *      *      *      *      *      *      *      *      *
*MR00301*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
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*****

STATE OF TEXAS

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

POTENTIAL INCREMENTAL CAPACITY RANGES																
	EXIST	EXIST	UNDEV	TOTAL	EXIST	EXIST	UNDEV	TOTAL	EXIST	EXIST	UNDEV	TOTAL	EXIST	EXIST	UNDEV	TOTAL
	INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR
	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP
0-19	0.0	2.5	12.1	14.7	0.0	0.0	16.9	16.9	0.0	0.0	0.0	0.0	0.0	0.0	2.5	29.0
	0.0	6.0	33.7	39.8	0.0	0.0	43.4	43.4	0.0	0.0	0.0	0.0	0.0	0.0	6.0	77.2
20-49	6	119	45	164	0	0	3	3	0	2	13	15	6	121	61	182
	16.0	54.4	93.4	148	0.0	0.0	58.3	58.3	0.0	90.0	833	923	16.0	145	985	1130
	45.7	131	386	516	0.0	0.0	171	171	0.0	196	1994	2190	45.7	327	2511	2878
50-99	3	52	57	109	0	1	4	5	4	0	4	4	7	53	65	118
	35.5	80.5	125	206	0.0	22.0	91.8	114	157	0.0	236	236	193	103	453	556
	166	163	270	433	0.0	7.1	243	250	342	0.0	480	480	508	170	992	1163
>100	0	7	21	28	0	0	0	0	1	2	5	7	3	9	26	35
	0.0	27.2	57.2	84.4	0.0	0.0	0.0	0.0	67.5	95.4	351	446	113	123	408	530
	0.0	71.9	165	237	149	0.0	0.0	0.0	200	44.3	675	719	349	116	840	956
TOTAL	9	196	129	325	2	1	8	9	5	4	22	26	16	201	159	360
	51.6	165	288	453	45.0	22.0	167	189	225	185	1420	1606	321	372	1875	2248
	212	372	854	1226	149	7.1	457	464	542	240	3149	3390	903	619	4461	5080

LEGEND

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

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

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * * (DM-N) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ANDERSON FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
TENNESSEE COLONY *TXU0390*TRINITY RIVER *CSHR *DAEN SWF * 31 50.0 * 12302.0 * 3174. * 25. * 121. * 6914. *U 0. *U 0.
DAM *SWF0004* * 95 55.0 * * * * * *T 10.00*T 28.9
*****
COUNTY NAME: ARCHER FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
LAKE KICKAPOO *TX01010*NORTH FORK LITTL*S *CITY OF WICH* 33 39.8 * 275.0 * 38. * 46. * 62. * 220. *E 0. *E 0.
*SWT0518*E WICHITA RIV * *ITA FALLS * 98 46.7 * * * * * *N .67*N .5
*****
LAKE DIVERSION *TX01011*WICHITA RIVER *SR *CITY OF WICH* 33 49.2 * 2313.0 * 204. * 63. * 85. * 97. *E 0. *E 0.
*SWT0519* * *ITA FALLS * 98 56.2 * * * * * *N 2.07*N .5.0
*****
COUNTY NAME: AUSTIN FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
ALLENS CREEK *TXU0315*ALLENS CREEK *S * * * 29 34.8 * 30.0 * 23. * 35. * 20. * 500. *U 0. *U 0.
*SWG0001* * * * 96 3.2 * * * * * *T .28*T .3
*****
COUNTY NAME: BASTROP FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
WEST POINT *TXU0074*COLORADO RIVER * *UNKNOWN * 30 2.3 * 27705.0 * 1586. * 102. * 120. * 5069. *U 0. *U 0.
*SWG0002* * * * 97 12.0 * * * * * *T 41.28*T 108.5
*****
COUNTY NAME: BAYLOR FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
LAKE KEMP *TX04358*WICHITA RIVER *CSIRD*DAEN SWT * 33 45.0 * 2086.0 * 184. * 79. * 107. * 1165. *E 0. *E 0.
*SWT5007* * * * 99 9.0 * * * * * *N 2.32*N .5.6
*****
COUNTY NAME: BEE FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
BEEVILLE *TXU0085*MEDIC CREEK * *UNKNOWN * 28 29.5 * 200.0 * 19. * 58. * 75. * 71. *U 0. *U 0.
*SWG0003* * * * 97 40.0 * * * * * *T .07*T .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   T E X A S

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ* *LATITUDE * DRAINAGE* AVERAGE * NET *HEIGHT* MAXIMUM*
PROJECT NAME * NUMBER* OR RIVER * PURP* OWNER *LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * CAPACITY* ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: BELL FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
BELTON DAM *TX00002*LEON RIVER *C S R*DAEN SWF * 31 6.0 * 3560.0* 663.* 101.* 187.* 1877.*E 0.*E 0.
*SWF0005* * 97 28.5 * * * * *N 4.46*N 11.7
*****
STILLHOUSE HOLLO *TX00014*LAMPASAS RIVER *C3R *DAEN SWF * 31 2.0 * 1318.0* 304.* 144.* 195.* 1013.*E 0.*E 0.
W DAM *SWF0006* * 97 32.0 * * * * *N 5.13*N 14.0
*****
COUNTY NAME: BEXAR FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
APPLENAITE DAM *TXU0356*MEDINA RIVER *S *CITY OF SAN * 29 15.0 * 1058.0* 128.* 64.* 87.* 94.*U 0.*U 0.
*SWF0007* * *ANTONIO * 98 35.0 * * * * *T 1.36*T 3.7
*****
VICTOR BRAUNIG P *TX01432*ARROYO SECO *SD *CITY OF SAN * 29 14.4 * 9.0* 12.* 70.* 89.* 29.*E 0.*E 0.
LANT DAM *SWF0008* * *ANTONIO * 98 22.3 * * * * *N .22*N .6
*****
CALAVERAS CR DAM *TX01448*CALAVERAS CREEK *O *CITY OF SAN * 29 16.7 * 65.0* 88.* 48.* 64.* 85.*E 0.*E 0.
*SWF0009* * *ANTONIO * 98 18.3 * * * * *N 1.09*N 2.9
*****
MARTINEZ CR WS S *TX01464*SALITRILLO CREEK *CR *ALAMO SCD * 29 28.7 * 11.0* 15.* 24.* 32.* 3.*E 0.*E 0.
CS SITE 6A *SWF0010* * * * 98 17.4 * * * * *N .09*N .2
*****
SALADO CR WS SCS *TX01467*HUD CREEK *C *ALAMO SCD * 29 38.7 * 11.0* 15.* 41.* 56.* 5.*E 0.*E 0.
SITE 8 *SWF0011* * * * 98 26.6 * * * * *N .16*N .4
*****
SALADO CR WS SCS *TX04208*ELM WATERHOLE CR *C *ALAMO SW CON* 29 37.6 * 13.0* 18.* 43.* 58.* 5.*E 0.*E 0.
SITE 12 *SWF0012*EEK * *SV DISTRICT * 98 23.5 * * * * *N .19*N .5
*****
OLMOS DAM AND RE *TX04313*SAN ANTONIO RIVE *C * * * 29 28.6 * 32.0* 7.* 48.* 60.* 16.*E 0.*E 0.
SERVOIR *SWF0013*R * * * 98 29.1 * * * * *N .05*N .1
*****
COUNTY NAME: BOSQUE FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
BEE MOUNTAIN *TXU0313*BRAZOS RIVER *IHS * * 32 12.0 * 16817.0* 913.* 91.* 0.* 0.*U 0.*U 0.
*SWF0014* * * * 97 36.2 * * * * *T 5.85*T 22.8
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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   T E X A S

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUHREP * CR RIVER * PUKP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: BOSQUE FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
* TX00017 * BRAZOS RIVER * CSR * DAEN SWF * 31 51.0 * 26600.0 * 1820. * 92. * 148. * 2100. * E 30.00 * E 72.4
* SWF0015 * * * * 97 22.0 * * * * * * * * * * N 0. * N 0.
* TX03439 * MUSTANG CREEK * I * FLAT TOP RAN * 32 4.4 * 9. * 9. * 35. * 47. * 1. * E 0. * E 0.
* SWF0016 * * * * 97 47.8 * * * * * * * * * * N .09 * N .1
HOG CREEK WS SCS * TX04602 * HOG CREEK * IRC * BNSQUE SWCD * 31 39.3 * 29. * 14. * 44. * 60. * 8. * E 0. * E 0.
SITE 1 * SWF0017 * * * * 97 38.2 * * * * * * * * * * N .10 * N .2
*****
COUNTY NAME: BOWIE FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
* TX00013 * SULPHUR RIVER * * * * 33 17.2 * 2656.0 * 2445. * 30. * 48. * 2700. * U 0. * U 0.
* LMND030 * * * * 94 48.7 * * * * * * * * * * T 3.23 * T 9.2
* TX00021 * SULPHUR RIVER * SRO * DAEN LYN * 33 18.3 * 3400.0 * 2866. * 20. * 93. * 5731. * E 0. * E 0.
* LMND031 * * * * 94 9.6 * * * * * * * * * * N 4.65 * N 14.2
*****
COUNTY NAME: BROWN FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
* TX02789 * PECAN BAYOU * S * BROWN CO WAT * 31 50.3 * 1535.0 * 99. * 85. * 115. * 274. * E 0. * E 0.
* SWF0018 * * * * ER IM DIST 1 * 99 .1 * * * * * * * * * * N 1.50 * N 1.9
*****
COUNTY NAME: BURLESON FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FW
*****
* TX00013 * YEGUA CREEK * CSR * DAEN SWF * 30 20.0 * 1006.0 * 311. * 55. * 75. * 1029. * E 0. * E 0.
* SWF0019 * * * * 96 32.0 * * * * * * * * * * N 2.15 * N 3.3
*****
COUNTY NAME: BURNET FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
* TX00134 * COLORADO RIVER * CSRH * DAEN SWF * 30 59.0 * 18918.0 * 768. * 179. * 240. * 6296. * U 0. * U 0.
* SWF0020 * * * * 98 27.0 * * * * * * * * * * T 42.82 * T 57.9
*****
L E G E N D

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * LA * TITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * (1000 * (MW) * (GWH)
* * * * * (3) * (3)
*****
COUNTY NAME: BURNET FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
ALVIN WIRTZ DAM *TX00986*COLORADO RIVER *HSR *LCRA * 30 33.3 * 36290.0 * 2250. * 86. * 94. * 194. *E 45.00 *E 86.0
*SWF0021* * 98 20.3 * * * * * *N 2.54 *N 17.2
MAX STARCKE DAM *TX00987*COLORADO RIVER *HSR * * 30 33.4 * 36325.0 * 2253. * 56. * 59. * 11. *E 30.00 *E 56.0
*SWF0022* * 98 15.4 * * * * * *N 0. *N 0.
INKS DAM *TX00988*COLORADO RIVER *HSR *LCRA * 30 43.8 * 31290.0 * 1270. * 60. * 67. * 21. *E 12.50 *E 46.0
*SWF0023* * 98 23.1 * * * * * *N 0. *N 0.
BUCHANAN DAM *TX00989*COLORADO RIVER *HSR *LCRA * 30 45.1 * 31250.0 * 1268. * 131. * 136. * 1080. *E 22.50 *E 67.0
*SWF0024* * 98 25.1 * * * * * *N 29.41 *N 3.2
*****
COUNTY NAME: CALDWELL FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
LOCKHART *TX00322*PLUM CREEK *SC * * 29 55.2 * 118.0 * 52. * 51. * 69. * 124. *U 0. *U 0.
*SWF0025* * 97 41.4 * * * * * *T .80 *T .8
*****
COUNTY NAME: CALHOUN FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
POINT COMFORT WA *TX03683*COXS CREEK *S *PT CGM W CO * 28 39.8 * 28.0 * 27. * 13. * 20. * 3. *E 0. *E 0.
TER CO DAM 1 *SWG0004* * 95 31.5 * * * * * *N .05 *N .1
*****
COUNTY NAME: CHAMBERS FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FW
*****
WALLISVILLE RES *TX00060*TRINITY RIVER * *C OF E * 29 55.0 * 17845.0 * 44000. * 3. * 23. * 56. *U 0. *U 0.
*SWG0005* * 94 50.0 * * * * * *T 4.73 *T 12.6
*****
COUNTY NAME: CHEROKEE FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
WECHES DAM *TX00350*NECHES RIVER *CSH *DAEN SWF * 31 35.0 * 1886.0 * 1381. * 68. * 96. * 3442. *U 0. *U 0.
*SWF0026* * 95 11.5 * * * * * *T 20.31 *T 52.7
*****
L E G E N D

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

(07/10/79)

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*****
* IVENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET *HEIGHT* MAXIMUM*
PROJECT NAME * NUMBR* CR RIVER * PURP* OWNER *LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CHEROKEE FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
BUCKNER DAM *TX00583*GUM CREEK *SR *CITY OF JACK* 31 54.5 * 34.0* 36.* 55.* 74.* 50.*E 0.*E 0.
*SWF0027* *SONVILLE * 95 18.5 * * * * *N .45*N .8
*****
COUNTY NAME: CLAY FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
WICHITA FALLS DA*TX02883*LITTLE W *S *CITY OF WICH* 33 46.4 * 832.0* 115.* 46.* 62.* 460.*E 0.*E 0.
M *SWT0520* *ITA FALLS * 98 21.9 * * * * *N 1.20*N 1.0
*****
COUNTY NAME: COKE FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
OAK CR DAM *TX03516*OAK CREEK *S *CITY OF SWEET* 32 2.4 * 244.0* 26.* 68.* 90.* 65.*E 0.*E 0.
*SWF0028* *WATER TEXAS*100 16.0 * * * * *N .34*N .3
*****
ROBERT LEE DAM *TX03517*COLORADO RIVER *S *COLORADO RIV* 31 52.8 * 4140.0* 67.* 93.* 120.* 664.*E 0.*E 0.
*SWF0029* *EX MUNICIP W*100 31.0 * * * * *N .47*N .5
*****
COUNTY NAME: COLEMAN FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
UPPER PECAN BAYO*TXU0408*PECAN BAYOU *CSRO *CCRA + BROWN* 32 5.0 * 316.0* 20.* 75.* 101.* 380.*U 0.*U 0.
U *SWF0030* *CO WIS I * 99 20.0 * * * * *T .41*T .4
*****
COLEMAN DAM *TX02152*JIM NED CREEK *S *CITY OF COLE* 32 1.8 * 292.0* 19.* 63.* 85.* 84.*E 0.*E 0.
*SWF0031* *MAN * 99 27.9 * * * * *N .32*N .3
*****
COUNTY NAME: COLLIN FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
LAVON DAM *TX00007*EAST FORK OF TRI*CSR *DAEN SWF * 33 2.0 * 770.0* 460.* 56.* 76.* 921.*E 0.*E 0.
*SWF0032*UNITY RIVER * * * * *N 3.03*N 6.1
*****
SISTER GROVE WS *TX01122*STIFF CREEK *C *COLLIN CO SC* 33 14.9 * 6.0* 6.* 37.* 50.* 2.*E 0.*E 0.
SCS SITE 12 *SWF0033* *O * 96 30.8 * * * * *N .06*N .1
*****
L E G E N D

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

(07/10/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME  * IDENT * NAME OF STREAM * PROJ *      * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
                * NUMBER * GR RIVER      * PURP * OWNER * *LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
                * (1) *                  * (2) *      * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: COLORADO                                FERC POWER SUPPLY AREA 38    FERC REGIONAL OFFICE CODE FW
*****
ALTAIR        *TXU0072*COLORADO RIVER      *      *UNKNOWN* 29 40.0 * 28230.0* 2238.* 32.* 50.* 528.*U 0.*U 0.
                *SWG0006*                  *      *      * 95 27.3 *      *      *      *      *      *      *      *      *      *
COLUMBUS BEND RE *TXU0073*COLORADO RIVER      *      *UNKNOWN* 29 50.0 * 28180.0* 2235.* 55.* 80.* 320.*U 0.*U 0.
S              *SWG0007*                  *      *      * 95 45.0 *      *      *      *      *      *      *      *      *
COUNTY NAME: COMAL                                FERC POWER SUPPLY AREA 38    FERC REGIONAL OFFICE CODE FW
*****
COMAL R WS SCS S *TX01546*BEAN CREEK          *C *COMAL SWCD * 29 39.0 * 13.0* 18.* 45.* 61.* 4.*E 0.*E 0.
ITE 4           *SWF0034*                  *      *      * 98 16.6 *      *      *      *      *      *      *      *      *
COMAL R WS SCS S *TX01550*BLIEDERS CREEK      *C *COMAL SWCD * 29 44.3 * 12.0* 16.* 41.* 55.* 4.*E 0.*E 0.
ITE 3           *SWF0035*                  *      *      * 98 9.5 *      *      *      *      *      *      *      *
COUNTY NAME: COMANCHE                            FERC POWER SUPPLY AREA 37    FERC REGIONAL OFFICE CODE FW
*****
PROCTOR DAM    *TX00010*LEON RIVER            *CSR *DAEN SWF * 31 58.0 * 1265.0* 60.* 60.* 81.* 433.*E 0.*E 0.
                *SWF0036*                  *      *      * 98 30.0 *      *      *      *      *      *      *      *
COUNTY NAME: COOKE                                FERC POWER SUPPLY AREA 37    FERC REGIONAL OFFICE CODE FW
*****
GAINESVILLE RESE *TXU0027*RED RIVER          *HCR *DAEN SWT * 33 45.0 * 30768.0* 5973.* 106.* 144.* 4220.*U 0.*U 0.
RVOIR           *SWT0521*                  *      *      * 97 11.0 *      *      *      *      *      *      *      *
CLEAR CR WS SCS *TX00526*FLAT CREEK            *C *UPPER ELM-RE* 33 26.5 * 13.0* 13.* 51.* 69.* 4.*E 0.*E 0.
SITE 47         *SWF0037*                  *      *      * 97 19.5 *      *      *      *      *      *      *      *
ELM FORK WS SCS *TX00532*PERSIMMON CREEK      *C *UPPER ELM-RE* 33 29.1 * 6.0* 6.* 32.* 43.* 2.*E 0.*E 0.
SITE 18         *SWF0038*                  *      *      * 97 5.4 *      *      *      *      *      *      *      *
LAKE KIUWA     *TX00536*INDIAN CREEK          *R *LAKE KIUWA P* 33 33.2 * 16.0* 8.* 27.* 37.* 12.*E 0.*E 0.
                *SWF0039*                  *      *      * 57 .7 *      *      *      *      *      *      *      *
*****
L E G E N D

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

(07/10/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME * IDENT * NAME OF STREAM * PROJ *      *      *      *      *      *      *      *      *      *
* NUMBER * OR RIVER * PURP *      *      *      *      *      *      *      *      *      *      *      *
* (1) *      *      * (2) *      *      *      *      *      *      *      *      *      *      *      *
*****
COUNTY NAME: COOKE      FERC POWER SUPPLY AREA 37      FERC REGIONAL OFFICE CODE FW
*****
ELM FORK WS SCS *TX00571*DRY ELM CREEK *C *UPPER ELM-RE* 33 42.1 *      *      *      *      *      *      *
SITE 7A *SWF0040* *      *      *      *      *      *      *      *      *      *      *      *      *
*TX00573*DRY ELM CREEK *C *UPPER ELM-RE* 33 39.5 *      *      *      *      *      *      *
SITE 7C *SWF0041* *      *      *      *      *      *      *      *      *      *      *      *      *
*TX00574*FISH *SR *CITY OF GAIN* 33 46.4 *      *      *      *      *      *      *
FISH CREEK DAM *SWT0522* *      *      *      *      *      *      *      *      *      *      *      *      *
*TX04747*ELM FORK *CRS *MUENSTER SWC* 33 39.0 *      *      *      *      *      *      *
ELM FORK WS SCS SITE 19 *SWF0042* *      *      *      *      *      *      *      *      *      *      *      *
*TX01776*SHOAL CREEK *IP *CHARLES BAIT* 31 23.3 *      *      *      *      *      *      *
PENI-BILT DAM *SWF0043* *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: CORYELL      FERC POWER SUPPLY AREA 37      FERC REGIONAL OFFICE CODE FW
*****
*TX00405*MOUNTAIN CREEK *CSR *DAEN SWF * 32 38.7 *      *      *      *      *      *      *
LAKEVIEW DAM *SWF0044* *      *      *      *      *      *      *      *      *      *      *      *      *
*TX00427*MOUNTAIN CREEK *S *DALLAS POWER* 32 43.9 *      *      *      *      *      *      *
MOUNTAIN CREEK AM *SWF0045* *      *      *      *      *      *      *      *      *      *      *      *      *
*TX00539*WHITE ROCK CREEK *S *DALLAS POWER* 32 46.3 *      *      *      *      *      *      *
PARKDALE STORAGE POND *SWF0046* *      *      *      *      *      *      *      *      *      *      *      *      *
*TX00840*WHITE ROCK CREEK *SR *CITY OF DALL* 32 48.9 *      *      *      *      *      *      *
WHITE ROCK DAM *SWF0047* *      *      *      *      *      *      *      *      *      *      *      *      *
*****

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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 X A S

(07/10/79)

*****												
PROJECT NAME	* IDENT NUMBER (1)	* NAME OF STREAM OR RIVER	* PROJ* PURP* (2)	* OWNER	* LATITUDE LONGITUDE (DM,M)	* DRAINAGE AREA (SQ MI)	* AVERAGE ANNUAL INFLOW (CFS)	* NET POWER HEAD (FT)	* HEIGHT OF DAM (FT)	* MAXIMUM STORAGE (1000 AC FT)	* CAPACITY (MW) (3)	* ENERGY (GWH) (3)
*****												
COUNTY NAME: DE WITT					FERC POWER SUPPLY AREA 38			FERC REGIONAL OFFICE CODE FW				
*****												
CUERO 1ST STAGE	*TXU0082*	*GUADALUPE RIVER	*UNKNOWN		* 29 8.5 *	* 4900.0 *	* 2025. *	* 68. *	* 100. *	* 2688. *	*U 0. *	*U 0. *
	SWG0008				* 97 20.0 *						*T 35.89 *	*T 83.4 *
CUERO 2ND STAGE	*TXU0083*	*SANDIES CREEK	*UNKNOWN		* 29 8.5 *	* 670.0 *	* 160. *	* 68. *	* 100. *	* 2528. *	*U 0. *	*U 0. *
	SWG0009				* 97 21.2 *						*T 1.46 *	*T 1.8 *
COUNTY NAME: DELTA					FERC POWER SUPPLY AREA 37			FERC REGIONAL OFFICE CODE FW				
*****												
COOPER LAKE	*TXU0017*	*SOUTH SULPHUR RI			* 33 20.2 *	* 476.0 *	* 438. *	* 41. *	* 55. *	* 604. *	*U 0. *	*U 0. *
	LMN0032	*VER			* 95 37.6 *						*T 2.23 *	*T 3.2 *
COUNTY NAME: DENTON					FERC POWER SUPPLY AREA 37			FERC REGIONAL OFFICE CODE FW				
*****												
LEWISVILLE DAM	*TX00008*	*ELM FORK OF TRIN	*CSR	*DAEN SWF	* 33 4.0 *	* 1600.0 *	* 663. *	* 87. *	* 118. *	* 2083. *	*E 0. *	*E 0. *
	SWF0049	*ITY			* 97 1.0 *						*N 5.15 *	*N 12.6 *
CLEAR CR WS SCS	*TX00626*	*WHITES CREEK	*C	*UPPER ELM=RE	* 53 25.6 *	* 11.0 *	* 11. *	* 34. *	* 46. *	* 3. *	*E 0. *	*E 0. *
SITE 37	*SWF0049*			*D SCD	* 97 21.6 *						*N .10 *	*N .1 *
COUNTY NAME: DUVAL					FERC POWER SUPPLY AREA 38			FERC REGIONAL OFFICE CODE FW				
*****												
SAN DIEGO SCS 7	*TX01921*	*TR=SAN DIEGO	*C	*SAN DIEGO SC	* 27 53.9 *	* 29.0 *	* 39. *	* 13. *	* 36. *	* 10. *	*E 0. *	*E 0. *
	SWG0010			*D	* 98 26.3 *						*N .13 *	*N .3 *
SAN DIEGO SCD 9	*TX01922*	*RUSITA CK	*C	*SAN DIEGO SC	* 27 49.3 *	* 13.0 *	* 18. *	* 14. *	* 38. *	* 5. *	*E 0. *	*E 0. *
	SWG0011			*D	* 98 34.0 *						*N .06 *	*N .2 *
SAN DIEGO SCS 11	*TX01933*	*HOFFMAN CK	*C	*SAN DIEGO SC	* 27 46.5 *	* 15.0 *	* 20. *	* 11. *	* 23. *	* 4. *	*E 0. *	*E 0. *
	SWG0012			*D	* 98 28.9 *						*N .06 *	*N .1 *
SAN DIEGO RUSITA	*TX01934*	*TAPACHAUAS CK	*C	*SCS	* 27 49.0 *	* 36.0 *	* 49. *	* 9. *	* 28. *	* 4. *	*E 0. *	*E 0. *
-8	*SWG0013*				* 98 28.6 *						*N .11 *	*N .3 *
*****												
LEGEND												

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*****

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT * (3) * (3)
*****
COUNTY NAME: DUVAL FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
*TX01938*CHILTIPIIN CR *C *SCS * 27 56.8 * 23.0 * 31. * 8. * 30. * 9. *E 0. *E 0.
RANDO-2 *SWF0014* * * * 98 18.6 * * * * * *N .06*N .2
*****
COUNTY NAME: EASTLAND FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
*TX01417*LEON RIVER *SIS *EASTLAND COU * 32 21.6 * 252.0 * 26. * 60. * 81. * 59. *E 0. *E 0.
*SWF0050* * *NTY WSD * 98 40.5 * * * * * *N .41*N .4
*****
COUNTY NAME: ELLIS FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
*TX00001*WAXAHACHIE CREEK *C D *DAEN SWF * 32 15.0 * 178.0 * 89. * 57. * 77. * 268. *E 0. *E 0.
*SWF0051* * * * * 96 38.8 * * * * * *N .76*N .8
*****
CHAMBERS CK WS S*TX01237*BELL BRANCH *C *ELLIS-PRAIRI* 32 13.0 * 5.0 * 5. * 41. * 56. * 2. *E 0. *E 0.
CS SITE 85B *SWF0052* * *E SCD * 96 56.3 * * * * * *N .06*N .1
*****
CHAMBERS CK WS S*TX01242*MILL CREEK *IC *ELLIS-PRAIRI* 32 8.9 * 8.0 * 8. * 35. * 48. * 3. *E 0. *E 0.
CS SITE 9A *SWF0053* * *E SCD * 96 57.9 * * * * * *N .08*N .1
*****
SOUTH PRONG DAM *TX01255*SOUTH PRONG CREEK *S *ELLIS COUNTY* 32 20.5 * 30.0 * 25. * 44. * 59. * 17. *E 0. *E 0.
*SWF0054*K * *WCID 1 * 96 48.3 * * * * * *N .28*N .3
*****
CHAMBERS CK WS S*TX01257*BAKER BRANCH *C *ELLIS-PRAIRI* 32 15.7 * 6.0 * 6. * 37. * 50. * 2. *E 0. *E 0.
CS SITE 84 *SWF0055* * *E SCD * 96 55.2 * * * * * *N .06*N .1
*****
CHAMBERS CK WS S*TX01259*BEE CREEK *C *ELLIS-PRAIRI* 32 15.2 * 5.0 * 5. * 38. * 51. * 1. *E 0. *E 0.
CS SITE 81 *SWF0056* * *E SCD * 96 57.2 * * * * * *N .05*N .1
*****
CHAMBERS CK WS S*TX01260*GREATHOUSE BRANC *C *ELLIS-PRAIRI* 32 18.0 * 6.0 * 6. * 38. * 52. * 2. *E 0. *E 0.
CS SITE 80 *SWF0057*H * *E SCD * 96 56.9 * * * * * *N .07*N .1
*****
CHAMBERS CK WS S*TX01261*OAK BRANCH *C *ELLIS-PRAIRI* 32 19.6 * 6.0 * 6. * 36. * 49. * 2. *E 0. *E 0.
CS SITE 56 *SWF0058* * *E SCD * 96 58.5 * * * * * *N .06*N .1
*****

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(07/10/79)

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: FAYETTE FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FW
*****
LA GRANGE RES *TX00075*COLONADO RIVER * *UNKNOWN * 29 54.3 * 27550.0 * 2185. * 110. * 140. * 930. *U 0. *U 0.
*SW60015* * * * 96 53.0 * * * * * * *T 61.34*T 135.5
*****
COUNTY NAME: FORT BEND FERC POWER SUPPLY AREA 36 FERC REGIONAL OFFICE CODE FW
*****
LAKE PAW PAW *TX01565*BIG CREEK *H *A MYERS * 29 23.9 * 59.0 * 68. * 16. * 29. * 3. *E 0. *E 0.
*SW60016* * * * 95 40.5 * * * * * * *N .23*N .4
*****
COUNTY NAME: FRANKLIN FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
LAKE CYPRESS SPR *TX03288*BIG CYPRESS CREEK *R *TWDB + FRANK * 33 3.4 * 75.0 * 66. * 47. * 82. * 125. *E 0. *E 0.
INGS *LMN0033*K * *LIN CO & DIS * 95 3.4 * * * * * * *N .71*N 1.4
*****
COUNTY NAME: FREESTONE FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
UPPER KEECHI DAM *TX00387*UPPER KEECHI CREEK *S *TRINITY RIVE * 31 36.1 * 98.0 * 52. * 26. * 35. * 52. *U 0. *U 0.
*SWF0063*EK * *R AUTHORITY * 95 54.8 * * * * * * *T .29*T .4
*****
FAIRFIELD DAM *TX00692*BIG BROWN CREEK *S *DALLAS POWER * 31 49.1 * 34.0 * 18. * 55. * 73. * 71. *E 0. *E 0.
*SWF0064* * * * AND LIGHT * 96 2.5 * * * * * * *N .30*N .4
*****
COUNTY NAME: GOLIA D FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
GOLIA D RES *TX00087*SAN ANTONIO RIVE * *UNKNOWN * 28 38.5 * 3921.0 * 642. * 100. * 130. * 1702. *U 0. *U 0.
*SW60017*R * * * 97 26.0 * * * * * * *T 7.18*T 26.9
*****
COUNTY NAME: GONZALES FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
H-4 *TX01912*GUADALUPE RIVER *H *GUADALUPE-BL * 29 29.7 * 2159.0 * 794. * 26. * 30. * 7. *E 2.40 *E 8.0
*SWF0065* * * * ANCO RIVER * 97 37.5 * * * * * * *N .29*N 1.0
*****

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*****

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

(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) * * (OM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: GONZALES FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
M-5 DAM *TX01913*GUADALUPE RIVER *H *GUADALUPE-BL* 29 28.1 * 2210.0 * 813.* 28.* 32.* 4.*E 2.40*E 7.9
*SWF0066* *ANCO RIVER A* 97 29.5 * * * * *N .50*N 1.9
*****
COUNTY NAME: GRAY FERC POWER SUPPLY AREA 36 FERC REGIONAL OFFICE CODE FW
*****
MCCLELLAN DAM *TX02130*MCCLELLAN CREEK *R *USDA FS * 35 13.0 * 328.0 * 10.* 46.* 62.* 10.*E 0.*E 0.
*SWT0528* * * *100 51.7 * * * * *N .09*N .2
*****
COUNTY NAME: GRAYSON FERC POWER SUPPLY AREA 36 FERC REGIONAL OFFICE CODE FW
*****
CHOCTAW CREEK SI*TXU0153*CHOCTAW CREEK *C *SCS DUA * 33 43.9 * 9.0* 9.* 41.* 56.* 13.*U 0.*U 0.
TE '35 *SWT0529* * * * 96 46.7 * * * * *T .12*T .2
*****
CHOCTAW CREEK SI*TXU0155*CHOCTAW CREEK *C *SCS DUA * 33 35.6 * 5.0* 5.* 37.* 50.* 2.*U 0.*U 0.
TE '31 *SWT0530* * * * 96 27.5 * * * * *T .06*T .1
*****
CHOCTAW CREEK SI*TXU0160*CHOCTAW CREEK *C *SCS DUA * 33 38.5 * 7.0* 7.* 32.* 43.* 3.*U 0.*U 0.
TE '24 *SWT0531* * * * 96 30.0 * * * * *T .07*T .1
*****
CHOCTAW CREEK SI*TXU0163*CHOCTAW CREEK *C *SCS DUA * 33 37.3 * 4.0* 4.* 42.* 57.* 2.*U 0.*U 0.
TE '18 *SWT0532* * * * 96 33.0 * * * * *T .05*T .1
*****
CHOCTAW CREEK SI*TXU0164*CHOCTAW CREEK *C *SCS DUA * 33 37.3 * 4.0* 4.* 42.* 57.* 2.*U 0.*U 0.
TE '18 *SWT0533* * * * 96 33.0 * * * * *T .05*T .1
*****
CHOCTAW CREEK SI*TXU0169*CHOCTAW CREEK *C *SCS DUA * 33 32.5 * 3.0* 3.* 55.* 74.* 5.*U 0.*U 0.
TE '13 *SWT0534* * * * 96 33.9 * * * * *T .05*T .1
*****
CHOCTAW CREEK SI*TXU0170*CHOCTAW CREEK *C *SCS DUA * 33 32.5 * 3.0* 3.* 55.* 74.* 5.*U 0.*U 0.
TE '13 *SWT0535* * * * 96 33.9 * * * * *T .05*T .1
*****
CHOCTAW CREEK SI*TXU0177*CHOCTAW CREEK *C *SCS DUA * 33 38.6 * 5.0* 5.* 37.* 50.* 2.*U 0.*U 0.
TE '8 *SWT0536* * * * 96 39.7 * * * * *T .06*T .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   T E X A S

(07/10/79)

PROJECT NAME	* IDENT * NUMBER	* NAME OF STREAM * CR RIVER	* PROJ * PURP	OWNER	* LATITUDE * LONGITUDE	* DRAINAGE * AREA	* AVERAGE * ANNUAL INFLUN	* NET * POWER HEAD	* HEIGHT * OF DAM	* MAXIMUM * STORAGE (1000	* CAPACITY * (M)	* ENERGY * (GWH)
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	AC FT)	(3)	(3)
COUNTY NAME: GRAYSON					FERC POWER SUPPLY AREA 36			FERC REGIONAL OFFICE CODE FW				
CHOCTAW CREEK TE #8	*TXU0178* *SWT0537*	CHOCTAW CREEK	*C	*SCS DOA	* 33 38.6 * * 96 39.7 *	5.0*	5.0*	37.0*	50.0*	2.0*	0.0*	0.1
CHOCTAW CREEK TE #4	*TXU0151* *SWT0538*	CHOCTAW CREEK	*C	*SCS DOA	* 33 33.9 * * 96 47.8 *	7.0*	7.0*	53.0*	72.0*	11.0*	0.0*	0.2
CHOCTAW CREEK TE #4	*TXU0182* *SWT0539*	CHOCTAW CREEK	*C	*SCS DOA	* 33 33.9 * * 96 47.8 *	7.0*	7.0*	53.0*	72.0*	11.0*	0.0*	0.2
CHOCTAW CREEK TE #1	*TXU0185* *SWT0540*	CHOCTAW CREEK	*C	*SCS DOA	* 33 38.0 * * 96 40.4 *	10.0*	10.0*	54.0*	73.0*	13.0*	0.0*	0.2
CHOCTAW CREEK TE #1	*TXU0186* *SWT0541*	CHOCTAW CREEK	*C	*SCS DOA	* 33 38.0 * * 96 40.4 *	10.0*	10.0*	54.0*	73.0*	13.0*	0.0*	0.2
CHOCTAW CREEK S SCS SITE 13	*TX02007* *SWT0542*	CHOCTAW CREEK	*C	*SCS DOA	* 33 32.1 * * 96 38.0 *	3.0*	3.0*	55.0*	74.0*	5.0*	0.0*	0.1
RANDALL LAKE DAM	*TX02059* *SWT0543*	SHAWNEE CREEK	*S	*CITY DENISON * TEXAS	* 33 48.1 * * 96 34.8 *	11.0*	11.0*	46.0*	62.0*	6.0*	0.0*	0.2
CHOCTAW CREEK S SCS SITE 38 DA	*TX02068* *SWT0544*	CHOCTAW CREEK	*C	*SCS DOA	* 33 45.8 * * 96 33.9 *	7.0*	7.0*	42.0*	57.0*	181900.0*	0.0*	0.1
COUNTY NAME: GREER					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
CHEROKEE DAM	*TX03453* *SWF0067*	CHEROKEE BAYOU	*S	*CHEROKEE WAT * ER CC	* 32 21.7 * * 94 36.3 *	158.0*	124.0*	29.0*	39.0*	78.0*	0.0*	2.1
COUNTY NAME: GRIMES					FERC POWER SUPPLY AREA 35			FERC REGIONAL OFFICE CODE FW				
GIBBONS CR DAM	*TX04634* *SWF0068*	GIBBONS CR	*D	*TEX MUN POWE * R AGENCY	* 30 36.6 * * 96 3.7 *	25.0*	23.0*	33.0*	45.0*	51.0*	0.0*	0.3

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF TEXAS

(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 OF DAM	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH)
	(1)		(2)		(DM,M)	(SQ MI)	(CF8)	(FT)	(FT)		(3)	(3)
COUNTY NAME: GUADALUPE					FERC POWER SUPPLY AREA 38		FERC REGIONAL OFFICE CODE FW					
GUADALUPE-BLANCO RIVER AUTH TP-5	TX01599	GUADALUPE RIVER	H	GUADALUPE-BL ANCO RI AUTH	29 31.7 97 56.3	1965.0	511.	26.	29.	2.48	2.48	7.2
	SWF0069											0.3
GUADALUPE-BLANCO RIV AUTH TP4	TX01600	GUADALUPE RIVER	HR	GUADALUPE-BL ANCO RI AUTH	29 32.8 98 0.	1920.0	499.	28.	34.	2.40	2.40	0.
	SWF0070											7.9
ABBOTT TP3	TX01601	GUADALUPE RIVER	H	TEXAS POWER CORPORATION	29 35.6 98 2.4	1915.0	498.	30.	37.	2.80	2.80	9.1
	SWF0071											0.
DUNLAP TPI	TX01602	GUADALUPE RIVER	H	TEXAS POWER CORPORATION	29 39.1 98 4.1	1910.0	496.	46.	53.	3.60	3.60	13.6
	SWF0072											0.
COUNTY NAME: HARRIS					FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW					
MARSHALL RESERVOIR	TX00014	LITTLE CYPRESS C			32 39.3 94 26.6	656.0	532.	55.	70.	982.	0.	0.
	LNN0034	R										13.8
ADDICKS DAM	TX00018	SOUTH MAYDE CREEK	C	DAEN SWG	29 47.5 95 37.4	130.0	91.	34.	41.	205.	0.	0.
	SWG0018	K										1.4
BARKER DAM	TX00019	BUFFALO BAYOU	C	DAEN SWG	29 46.2 95 38.8	150.0	105.	23.	32.	207.	0.	0.
	SWG0019											1.1
LAKE HOUSTON	TX03416	BAY JACINTO RIVE	S	HUUSTON	29 55.2 95 7.9	2828.0	1793.	29.	66.	154.	0.	0.
	SWG0020	R										13.9
COUNTY NAME: HARRISON					FERC POWER SUPPLY AREA 33		FERC REGIONAL OFFICE CODE FW					
FERGUSON CREEK DAM	TX03557	FERGUSON CREEK	D	TEXAS EASTMAN COMPANY	32 25.8 94 41.3	8.0	11.	21.	29.	7.	0.	0.
	SWF0073											0.1

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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   T E X A S

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: HARTLEY FERC POWER SUPPLY AREA 36 FERC REGIONAL OFFICE CODE FW
*****
RITE BIANCA CREEK*TX03746*RITE BIANCA CREEK*R *HARTLEY-DALL* 36 1.5 * 1062.0* 21.* 60.* 75.* 14.*E 0.*E 0.
K RESERVOIR DAM *SWT0545*K *AM COUNTIES *102 29.9 * * * *N .18*N .2
*****
COUNTY NAME: HASKELL FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
SEYMOUR '2 (BASK*TXU0303*DOUBLE MTN FK OF*CS * * 33 15.9 * 2104.0* 39.* 66.* 0.* 0.*U 0.*U 0.
IN) *SWF0074* BRAZOS RIVER * * * 99 59.0 * * * * *T .79*T .7
*****
STAMFORD DAM *TX03778*PAINT CREEK *S *CITY OF STAM* 33 4.3 * 360.0* 19.* 53.* 72.* 104.*E 0.*E 0.
*SWF0075* *FUND TEXAS * 99 33.6 * * * *N .15*N .2
*****
COUNTY NAME: HAYS FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
CLOPTIN CROSSING*TXUG357*BLANCO RIVER *CSR *DAEN SWF * 29 58.0 * 307.0* 106.* 144.* 195.* 573.*U 0.*U 0.
DAM *SWF0076* * * * 98 7.3 * * * *T 2.52*T 7.2
*****
COUNTY NAME: HENDERSON FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
CADD O CK LAKE DA*TX00181*CADD O CREEK *SR *FHED J AGNIC* 32 4.8 * 16.0* 16.* 21.* 28.* 5.*E 0.*E 0.
M *SWF0077* * * * 95 38.2 * * * *N .05*N .1
*****
LAKE ATHENS DAM *TX00182*FLAT CREEK *S *ATHENS MUNI * 32 12.3 * 22.0* 19.* 47.* 64.* 50.*E 0.*E 0.
*SWF0078* *WATER AUTH * 95 43.4 * * * *N .23*N .3
*****
KODN KREEK LAKE *TX00204*KODN CREEK *R *KODN KREEK K* 32 2.3 * 93.0* 46.* 20.* 27.* 14.*E 0.*E 0.
*SWF0079* *LUB * 95 51.5 * * * *N .22*N .5
*****
EAST LATERALS TR*TX00207*TRUCKEE CREEK *C *NECHES-TRAINI* 32 5.9 * 20.0* 21.* 28.* 38.* 10.*E 0.*E 0.
INITY R SCS SITE*SWF0080* *TY SCD * 95 59.8 * * * *N .13*N .2
*****
JOE B HOGGSETT D*TX00237*CEDAR CREEK *S *TARRANT COUN* 32 10.8 * 1007.0* 677.* 56.* 76.* 1210.*E 0.*E 0.
AM *SWF0081* *TY WCIO 1 * 96 4.1 * * * *N 3.73*N 5.4
*****

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L E G E N D

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

*****

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

(07/10/79)

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*****
*   IDENT   * NAME OF STREAM * PROJ *   *   * AVERAGE * NET * HEIGHT * MAXIMUM *   *
PROJECT NAME * NUMBER *   OR RIVER * PUNP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
*   (1)   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
COUNTY NAME: HENDERSON                FERC POWER SUPPLY AREA 37    FERC REGIONAL OFFICE CODE FW
*****
FOREST GROVE RES TX04395 CANEY CR      *S   * TEXAS P AND * 32 13.7 *   55.0 *   27. * 33. * 45. *   20. *E   0. *E   0.
DAM      *SWF0082*      *   *   L CO      * 95 57.9 *   *   *   *   *   *   *   *   *   *   *   *   *
COUNTY NAME: HILL                      FERC POWER SUPPLY AREA 37    FERC REGIONAL OFFICE CODE FW
*****
RICHLAND CK WS S TX00441 GROVE CREEK   *C   * NAVARRO-HILL * 32 0. *   6.0 *   6. * 41. * 55. *   2. *E   0. *E   0.
CS SITE 63 *SWF0083*      *   *   SCD      * 96 59.3 *   *   *   *   *   *   *   *   *   *   *   *   *
AQUILLA LAKE DAM TX04745 AQUILLA CREEK *CSR * DAEN SWF   * 31 53.9 *  252.0 *  100. * 74. * 100. *  360. *E   0. *E   0.
      *SWF0084*      *   *   *   *   *  97 12.4 *   *   *   *   *   *   *   *   *   *   *   *   *
COUNTY NAME: MIHM WELLS                FERC POWER SUPPLY AREA 38    FERC REGIONAL OFFICE CODE FW
*****
WESLEY E SEALE TX03895 NUECES RIVER    *R   * LNRWSD      * 28 2.5 *  16656.0 *  865. * 55. * 75. *  309. *E   0. *E   0.
      *SWG0021*      *   *   *   *   *  97 51.9 *   *   *   *   *   *   *   *   *   *   *   *   *
CHILTIPIN SCS 1 TX03897 AMARGUSA CREEK *C   * SAN DIE     * 27 55.5 *   14.0 *   19. * 12. * 34. *   6. *E   0. *E   0.
      *SWG0022*      *   *   *   *   *  98 10.6 *   *   *   *   *   *   *   *   *   *   *   *   *
COUNTY NAME: HOOD                      FERC POWER SUPPLY AREA 37    FERC REGIONAL OFFICE CODE FW
*****
DECORDOVA BEND TX03956 BRAZOS RIVER    *IHCS * BRAZOS RIVER * 32 20.8 *  16113.0 *  534. * 60. * 71. *  154. *E   0. *E   0.
      *SWF0085*      *   *   AUTHORITY * 97 42.8 *   *   *   *   *   *   *   *   *   *   *   *   *
RUCKERS CR WS SC TX03958 RUCKER CREEK  *C   * HOOD-PARKER * 32 31.6 *   6.0 *   6. * 32. * 43. *   2. *E   0. *E   0.
S SITE 1      *SWF0086*      *   *   SCD      * 97 42.5 *   *   *   *   *   *   *   *   *   *   *   *   *
COUNTY NAME: HOUSTON                  FERC POWER SUPPLY AREA 37    FERC REGIONAL OFFICE CODE FW
*****
MUSTANG RESERVOIR TX00064 MUSTANG CK   *   * UNKNOWN      * 31 15.0 *   75.0 *   34. * 65. * 90. *  158. *U   0. *U   0.
R      *SWG0023*      *   *   *   *   *  95 23.0 *   *   *   *   *   *   *   *   *   *   *   *   *
*****
L E G E N D

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*****

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

(07/10/79)

PROJECT NAME	* IDENT * NUMBER * (1)	* NAME OF STREAM * CR RIVER	* PROJ * PURP * (2)	* OWNER	*LATITUDE * LONGITUDE * (DM,M)	* DRAINAGE * AREA * (SQ MI)	* AVERAGE * ANNUAL * INFLOW * (CFS)	* NET * POWER * HEAD * (FT)	* HEIGHT * OF * DAM * (FT)	* MAXIMUM * STORAGE * (1000 * AC FT)	* CAPACITY * (MW) * (3)	* ENERGY * (GWH) * (3)	
*****													
COUNTY NAME: HOUSTON					FERC POWER SUPPLY AREA 37			FERC REGIONAL OFFICE CODE FW					
*****													
BIG ELKHART DAM	*TXU0388*	BIG ELKHART CREEK	*S	*TRINITY RIVE	* 31 25.0	* 77.0	* 41.	* 39.	* 50.	* 39.	*U	* 0. *U	* 0.
	SWF0087	*K	*	*R AUTHORITY	* 95 39.3	*	*	*	*	*T	*.44*	*.5	
HURRICANE DAM	*TXU0389*	HURRICANE BAYOU	*S	*TRINITY RIVE	* 31 20.1	* 109.0	* 38.	* 30.	* 40.	* 57.	*U	* 0. *U	* 0.
	SWF0088	*	*	*R AUTHORITY	* 95 34.7	*	*	*	*	*T	*.27*	*.4	
HOUSTON COUNTY DAM	*TX03268*	LITTLE ELKHART CREEK	*S	*HOUSTON CO	* 31 24.4	* 44.0	* 31.	* 42.	* 57.	* 40.	*E	* 0. *E	* 0.
	SWF0089	*REEK	*	*CID NO 1	* 95 36.3	*	*	*	*	*N	*.24*	*.5	
*****													
COUNTY NAME: HUNT					FERC POWER SUPPLY AREA 37			FERC REGIONAL OFFICE CODE FW					
*****													
GREENVILLE CLUB LAKE DAM	*TX00479*	CEDAR CREEK	*R	*GREENVILLE LAKE	* 33 1.2	* 16.0	* 13.	* 19.	* 26.	* 4.	*E	* 0. *E	* 0.
	SWF0090	*	*	*AKE + WATER	* 96 1.6	*	*	*	*	*N	*.09*	*.1	
GREENVILLE RESERVOIR NO 4	*TX00481*	COHLEECHEE FORK	*S	*CITY OF GREENVILLE	* 33 9.5	* 45.0	* 36.	* 22.	* 30.	* 9.	*E	* 0. *E	* 0.
	SWF0091	*BINE RIVER	*	*	* 96 6.5	*	*	*	*	*N	*.16*	*.1	
*****													
COUNTY NAME: HUTCHINSON					FERC POWER SUPPLY AREA 36			FERC REGIONAL OFFICE CODE FW					
*****													
SANFORD DAM	*TX00023*	CANADIAN RIVER	*CSO	*DOI USBR	* 35 43.0	* 20220.0	* 380.	* 142.	* 192.	* 2434.	*E	* 0. *E	* 0.
	SWT0546	*	*	*	*101 33.2	*	*	*	*	*N	*8.67*	*13.6	
*****													
COUNTY NAME: JACKSON					FERC POWER SUPPLY AREA 38			FERC REGIONAL OFFICE CODE FW					
*****													
TEXANA RESERVOIR	*TXU0077*	NAVIDAD RIVER	*	*UNKNOWN	* 29 0.	* 1125.0	* 587.	* 20.	* 40.	* 120.	*U	* 0. *U	* 0.
	SWG0024	*	*	*	* 96 33.0	*	*	*	*	*T	*1.49*	*3.1	
GANADO RESERVOIR	*TXU0078*	NAVIDAD RIVER	*	*UNKNOWN	* 29 0.	* 1060.0	* 553.	* 27.	* 40.	* 128.	*U	* 0. *U	* 0.
	SWG0025	*	*	*	* 96 33.0	*	*	*	*	*T	*1.93*	*3.9	
VANDERBILT RESERVOIR	*TXU0079*	LAVACA RIVER	*	*BUREAU OF RECONSTRUCTION	* 28 55.0	* 842.0	* 323.	* 25.	* 40.	* 102.	*U	* 0. *U	* 0.
	SWG0026	*	*	*C	* 96 40.0	*	*	*	*	*T	*.99*	*2.0	
*****													
LEGEND													

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*****

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * (DM,M) * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * (SQ MI) * (CFS) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: JACKSON FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
EDNA RESERVOIR *TXU0080*LAVACA RIVER * *UNKNOWN* 28 55.0 * 817.0* 313.* 10.* 35.* 90.*U 0.*U 0.
*SWG0027* * * * 96 40.0 * * * * *T 1.18*T 2.4
* * * * *
PALMETTO BEND *TXU0320*NAVIDAD RIVER *S *LAVACA NAVID* 28 53.0 * 1404.0* 731.* 40.* 47.* 230.*U 0.*U 0.
*SWG0028* *AD RIVER AUT* 96 34.8 * * * * *T 2.89*T 7.1
*****
COUNTY NAME: JASPER FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FW
*****
SAM RAYBURN DAM *TX00011*ANGELINA RIVER *CSR *DAEN SWF * 31 4.0 * 3449.0* 2714.* 72.* 102.* 5610.*E 52.00*E 127.6
*SWF0092* * * * 94 6.0 * * * * *N 0.*N 0.
*****
COUNTY NAME: JOHNSON FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
CLEBURNE STATE P*TX03591*WEST FORK CAMP C&R *TEX PARKS * 32 15.7 * 4.0* 4.* 43.* 58.* 3.*E 0.*E 0.
ARK DAM *SWF0093*REEK * *WILDLIFE DPT* 97 33.1 * * * * *N .05*N .1
* * * * *
CLEBURNE DAM *TX03594*NOLAN RIVER *S *CITY OF CLEB* 32 17.3 * 100.0* 29.* 52.* 70.* 67.*E 0.*E 0.
*SWF0094* *URNE * 97 25.0 * * * * *N .27*N .4
* * * * *
CHAMBERS CK WS S*TX03612*TURKEY CREEK *S *NOLAN-AQUILL* 32 22.3 * 15.0* 15.* 30.* 40.* 10.*E 0.*E 0.
CS SITE 42 *SWF0095* *A SCD * 97 13.9 * * * * *N .11*N .2
*****
COUNTY NAME: JONES FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
NUGENT *TXU0306*CLEAR FORK *S * * 32 41.6 * 2200.0* 126.* 73.* 0.* 0.*U 0.*U 0.
*SWF0096* * * * 99 39.4 * * * * *T 1.42*T 1.9
* * * * *
FORT PHANTOM HIL*TX02483*ELM CREEK *SQ *CITY OF ABIL* 32 37.0 * 478.0* 27.* 59.* 79.* 115.*E 0.*E 0.
L DAM *SWF0097* *ENE * 99 40.1 * * * * *N .45*N .5
* * * * *
*****
L E G E N D

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: KARNES FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
ECLETO *TXU0327*ECLETO CREEK *S * * * 28 55.1 * 240.0* 37.* 43.* 0.* 0.*U 0.*U 0.
*SWF0098* * * * * 97 46.6 * * * * *T .26*T .2
* * * * * * * * * * * * * * * *
MONDO CREEK SCS *TX02028*MONDO CREEK *C *KARNES * 28 44.9 * 13.0* 18.* 30.* 40.* 6.*E 0.*E 0.
1 *SWG0029* * * * * 97 48.2 * * * * *N .13*N .3
* * * * * * * * * * * * * * * *
ESCONDIDO CR WS *TX02031*DRY ESCONDIDO CR *C *KARNES CC SC 28 51.6 * 8.0* 11.* 25.* 34.* 4.*E 0.*E 0.
SCS SITE 11 *SWF0099*EEK * *D * 97 50.7 * * * * *N .07*N .2
* * * * * * * * * * * * * * * *
ESCONDIDO CR WS *TX02040*ESCONDIDO CREEK *CI *KARNES CU SC 28 52.0 * 7.0* 10.* 21.* 28.* 3.*E 0.*E 0.
SCS SITE 9 *SWF0100* * *C * 97 59.9 * * * * *N .05*N .1
*****
COUNTY NAME: KAUFMAN FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
ROCKWALL-FORNEY *TX00037*EAST FORK TRINITY *S *CITY OF DALL * 32 48.1 * 1074.0* 517.* 42.* 57.* 736.*E 0.*E 0.
DAM *SWF0101*Y RIVER * *AS * 96 30.4 * * * * *N 2.75*N 7.4
* * * * * * * * * * * * * * * *
ROSSER TRINIDAD *TX03324*COTTONWOOD CREEK *C *KAUFMAN-VAN * 32 28.3 * 13.0* 13.* 27.* 36.* 6.*E 0.*E 0.
LATERALS SCS SIT *SWF0102* * *ZANDT SCD * 96 24.6 * * * * *N .07*N .1
* * * * * * * * * * * * * * * *
TERRELL DAM *TX03341*MUDDY CEDAR CREEK *S *KAUFMAN-VAN * 32 43.7 * 14.0* 14.* 28.* 38.* 16.*E 0.*E 0.
*SWF0103*K * *ZANDT SCD * 96 10.4 * * * * *N .09*N .1
* * * * * * * * * * * * * * * *
CEDAR CK WS SCS *TX03347*ROCKY CEDAR CREEK *C *KAUFMAN-VAN * 32 39.9 * 13.0* 13.* 27.* 37.* 6.*E 0.*E 0.
SITE 95A *SWF0104*K * *ZANDT SCD * 96 6.7 * * * * *N .08*N .1
*****
COUNTY NAME: KENDALL FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
DAM 7 *TXU0407*GUADALUPE RIVER *HCSR *GUADALUPE-BL * 29 53.0 * 1124.0* 248.* 148.* 195.* 630.*U 0.*U 0.
*SWF0105* * *ANCO R AUTH * 98 32.0 * * * * *T 4.23*T 16.0
* * * * * * * * * * * * * * * *
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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 X A S

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: KERR FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
INGRAM *TXU0321*JOHNSON CREEK *S * * * 30 4.9 * 127.0* 21.* 66.* C.* 0.*U 0.*U 0.
*SWF0106* * * * * 99 14.8 * * * * * *T .24*T .8
*****
COUNTY NAME: KLEBERG FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
KINGSVILLE RES *TXU0093*SAN FERNANDO CR * *UNKNOWN * 27 26.2 * 507.0* 85.* 26.* 35.* 51.*U 0.*U 0.
*SWG0030* * * * * 97 46.2 * * * * * *T .27*T .4
*****
COUNTY NAME: LA SALLE FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
COTULLA *TXU0330*NUECES RIVER *SC * * * 28 25.9 * 3317.0* 176.* 55.* 74.* 1125.*U 0.*U 0.
*SWF0107* * * * * 99 23.0 * * * * * *T 1.57*T 2.0
*****
FOWLERTON *TXU0333*FRID RIVER *S * * * 28 36.6 * 3711.0* 143.* 62.* 84.* 238.*U 0.*U 0.
*SWF0108* * * * * 99 1.4 * * * * * *T 1.26*T 1.6
*****
COUNTY NAME: LAMAR FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
SULPHUR BLUFF *TXU0016*SULPHUR RIVER * * * 33 25.6 * 1026.0* 945.* 25.* 36.* 1060.*U 0.*U 0.
*LMN0035* * * * * 95 26.0 * * * * * *T 2.03*T 2.9
*****
LAKE CROOK DAM *TXU01641*PINE CREEK *S *CITY OF PARI* 33 43.7 * 52.0* 43.* 32.* 43.* 30.*E 0.*E 0.
*SWT0547* * *S * * 95 34.0 * * * * * *N .40*N .8
*****
PAT MAYSE RESERV *TXU04359*SANDERS CREEK *CSRQ *DAEN SWT * 33 51.0 * 175.0* 208.* 71.* 96.* 189.*E 0.*E 0.
DIR *SWT0548* * * * * 75 33.0 * * * * * *N 2.65*N 8.0
*****
COUNTY NAME: LAMPASAS FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
RUMLEY DAM *TXU0363*LAMPASAS RIVER *CSRH *DAEN SWF * 31 8.7 * 585.0* 106.* 124.* 168.* 732.*U 0.*U 0.
*SWF0109* * * * * 98 4.1 * * * * * *T 1.86*T 4.8
*****
*****
L E G E N D

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ* * AVERAGE * NET * HEIGHT* MAXIMUM* *
PROJECT NAME * NUMBER* OR RIVER * PURP* OWNER * LATITUDE * DRAINAGE* ANNUAL * POWER * OF * STORAGE* CAPACITY* ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LEON FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
LOWER KEECHI DAM*TXU0381*LOWER KEECHI CRE*S *TRINITY RIVE* 31 10.0 * 160.0* 85.* 39.* 50.* 82.*U 0.*U 0.
*SWF0110*EK *R AUTHORITY * 95 48.3 * * * * *T .73*T 1.0
*****
COUNTY NAME: LIBERTY FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FW
*****
CAPERS RIDGE RES*TXU0061*TRINITY RIVER *C OF E * 30 25.0 * 17436.0* 1376.* 50.* 70.* 1461.*U 0.*U 0.
*SWG0031* * * * * * *T 133.97*T 247.8
*****
DAVE REIDLAND *TX03909*LUCE BAYOU *I *REIDLAN * 30 8.8 * 153.0* 97.* 3.* 7.* 6.*E 0.*E 0.
*SWG0032* * * * * * *N .06*N .1
*****
COUNTY NAME: LIMESTONE FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
WAYLAND CROSSING*TXU0314*NAVASOTA RIVER *S * 31 25.0 * 400.0* 180.* 49.* 0.* 0.*U 0.*U 0.
*SWF0111* * * * * * *T 1.66*T 2.4
*****
BISTONE DAM *TX01061*NAVASOTA RIVER *S *BISTONE MWD * 31 38.6 * 198.0* 134.* 33.* 44.* 34.*E 0.*E 0.
*SWF0112* * * * * * *N 1.06*N 1.2
*****
COUNTY NAME: LIVE OAK FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
LAKE CORPUS CHRI*TXU0090*NUECES R *CITY OF CORP* 28 2.2 * 16660.0* 865.* 75.* 100.* 343.*U 0.*U 0.
STI *SWG0033* *US CHRISTI * 97 52.1 * * * * *T 6.24*T 14.2
*****
OAKVILLE *TXU0091*NUECES RIVER *UNKNOWN * 28 26.3 * 15630.0* 867.* 33.* 50.* 1256.*U 0.*U 0.
*SWG0034* * * * * * *T 2.21*T 5.8
*****
CHOKE CANYON *TXU0328*FRIO RIVER *S *CITY OF CORP* 28 29.1 * 4667.0* 221.* 80.* 102.* 890.*U 0.*U 0.
*SWF0113* *US CHRISTI * 98 14.7 * * * * *T 2.49*T 3.9
*****
L E G E N D

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

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

(07/10/79)

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*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ*          * LATITUDE * DRAINAGE* ANNUAL *POWER * OF * STORAGE* CAPACITY* ENERGY
* PROJECT NAME * NUMBER* OR RIVER * PURP*          * LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
*          * (1) *          * (2) *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: MADISON          FERC POWER SUPPLY AREA 35          FERC REGIONAL OFFICE CODE FW
*****
BEDIAS DAM          *TXU0386*BEDIAS CREEK          *S          *TRINITY RIVE* 31 52.0 *          * 321.0*          * 232.*          * 30.*          * 40.*          * 205.*U          * 0.*U          * 0.
*          *SWF0114*          *          *R AUTHORITY * 95 49.8 *          *          *          *          *          *          *          *          *          *
COUNTY NAME: MARION          FERC POWER SUPPLY AREA 33          FERC REGIONAL OFFICE CODE FW
*****
FERRELLS BRIDGE *TX00020*CYPRESS CREEK          *CSRO          *DAEN LMN          * 32 45.9 *          * 880.0*          * 825.*          * 29.*          * 90.*          * 1857.*E          * 0.*E          * 0.
DAM          *LMN0036*          *          *          * 94 29.8 *          *          *          *          *          *          *          *          *          *
COUNTY NAME: MARTIN          FERC POWER SUPPLY AREA 33          FERC REGIONAL OFFICE CODE FW
*****
BLACK CYPRESS RE *TXU0015*BLACK CYPRESS CR          *          *          * 32 50.3 *          * 350.0*          * 367.*          * 60.*          * 85.*          * 1284.*U          * 0.*U          * 0.
SERVOIR          *LMN0037*          *          *          * 94 25.7 *          *          *          *          *          *          *          *          *          *
COUNTY NAME: MASON          FERC POWER SUPPLY AREA 38          FERC REGIONAL OFFICE CODE FW
*****
MASON DAM          *TXU0382*LLANO RIVER          *CSRH          *DAEN SWF          * 30 40.0 *          * 3127.0*          * 346.*          * 139.*          * 188.*          * 1058.*U          * 0.*U          * 0.
*          *SWF0115*          *          *          * 99 15.0 *          *          *          *          *          *          *          *          *          *
COUNTY NAME: MAVERICK          FERC POWER SUPPLY AREA 38          FERC REGIONAL OFFICE CODE FW
*****
EAGLE PASS PROJE *TX04750*MAVERICK COUNTY *HI          *CENTRAL PWE* 28 50.0 *          * 0.*          * 0.*          * 81.*          * 83.*          * 0.*E          * 9.60*E          * 50.0
CT          *SWF0116*CANAL          *          *R + LIGHT CO*100 33.0 *          *          *          *          *          *          *          *          *          *
COUNTY NAME: MCCULLOCH          FERC POWER SUPPLY AREA 37          FERC REGIONAL OFFICE CODE FW
*****
BRADY CR DAM          *TX01659*BRADY CREEK          *SCO          *CITY OF BRAD* 31 8.4 *          * 513.0*          * 18.*          * 45.*          * 61.*          * 128.*E          * 0.*E          * 0.
*          *SWF0117*          *          *Y          * 99 23.5 *          *          *          *          *          *          *          *          *          *
*****
L E G E N D

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

(07/10/79)

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*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME  * IDENT * NAME OF STREAM * PROJ *      * LATITUDE * DRAINAGE * ANNUAL * NET * HEIGHT * MAXIMUM *
* NUMBER * CR RIVER * PURP * OWNER * * LONGITUDE * AREA * INFLOW * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * (UM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: MCLENNAN                                FERC POWER SUPPLY AREA 37      FERC REGIONAL OFFICE CODE FW
*****
CHILDRESS DAM  *TX00374*CHILDRESS CREEK *CSH* *DAEN SWF * 31 42.0 *      * 83.0*      * 41.* 112.* 151.* 165.*U 0.*U 0.
*SWF0118*      *      *      *      *      *      *      *      *      *      *      *      *      *      *
WACO DAM      *TX00016*BOSQUE RIVER *CSR* *DAEN SWF * 31 36.0 *      * 1670.0*      * 445.* 100.* 135.* 828.*E 0.*E 0.
*SWF0119*      *      *      *      *      *      *      *      *      *      *      *      *      *      *
LAKE CREEK DAM *TX04066*MANOS CREEK *I *TEXAS POWER * 31 27.4 *      * 17.0*      * 11.* 36.* 48.* 11.*E 0.*E 0.
*SWF0120*      *      *      *      *      *      *      *      *      *      *      *      *      *      *
LAKE BRAZOS DAM *TX04101*BRAZOS RIVER *R *CITY OF WACO* 31 33.1 *      * 29350.0*      * 2447.* 24.* 32.* 9.*E 0.*E 0.
*SWF0121*      *      *      *      *      *      *      *      *      *      *      *      *      *      *
TRADINGHOUSE CR *TX04110*TRADINGHOUSE CRE *C *TEXAS POWER * 31 33.2 *      * 39.0*      * 20.* 52.* 68.* 51.*E 0.*E 0.
DAM *SWF0122*EK *      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: McMULLEN                                FERC POWER SUPPLY AREA 38      FERC REGIONAL OFFICE CODE FW
*****
BROWN DAM      *TX03043*COM CREEK *I *HARRY P BROW * 28 16.4 *      * 70.0*      * 45.* 15.* 20.* 3.*E 0.*E 0.
*SWF0123*      *      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: MEDINA                                FERC POWER SUPPLY AREA 36      FERC REGIONAL OFFICE CODE FW
*****
CHICON LAKE DAM *TX01783*CHACON CREEK *I *BEXAR-MEDINA* 29 14.1 *      * 31.0*      * 42.* 7.* 10.* 2.*E 0.*E 0.
*SWF0124*      *      *      *      *      *      *      *      *      *      *      *      *      *      *
MEDINA DAM      *TX01767*MEDINA RIVER *I *BEXAR-MEDINA* 29 32.4 *      * 634.0*      * 161.* 126.* 160.* 298.*E 0.*E 0.
*SWF0125*      *      *      *      *      *      *      *      *      *      *      *      *      *      *
MEDINA DIVERSION *TX01788*MEDINA RIVER *I *BEXAR-MEDINA* 29 30.6 *      * 645.0*      * 184.* 42.* 49.* 6.*E 0.*E 0.
RESERVOIR *SWF0126*      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*****

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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 X A S

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * (DM,M) * (SU MI) * (CFS) * (FT) * (FT) * AC FT * * (3) * (3)
*****
COUNTY NAME: MILAM FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
CAMERON DAM *TXU0372*LITTLE RIVER *CSRH *DAEN SWF * 30 47.0 * 7008.0 * 1714. * 70. * 116. * 3634. *U 0. *U 0.
*SWF0127* * 97 1.0 * * * * * *T 24.42*T 57.0
*****
COUNTY NAME: MONTAGUE FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
FARMERS CREEK SI *TXU0274*FARMERS CREEK *C *SCS DUA * 33 44.2 * 5.0 * 5. * 39. * 53. * 2. *U 0. *U 0.
TE #5 *SWT0549* * * * * 97 56.8 * * * * * *T .06*T .1
*****
AMON G CARTER DA *TXU0699*BIG SANDY CREEK *S *CITY OF HOWI * 33 28.1 * 100.0 * 14. * 46. * 62. * 59. *E 0. *E 0.
M *SWF0128* * * * * 97 51.9 * * * * * *N .25*N .2
*****
BIG SANDY CR WS *TXU0700*BRUSHY CR *CRS *UPPER ELM-RE * 33 27.9 * 28.0 * 6. * 339. * 65. * 26. *E 0. *E 0.
SCS SITE 22A *SWF0129* * * * * 97 44.4 * * * * * *N .10*N .3
*****
ELM CR WS SCS SI *TXU0713*ELM FORK TRINITY *CS *UPPER ELM-RE * 33 39.4 * 13.0 * 6. * 39. * 53. * 6. *E 0. *E 0.
TE 5 *SWF0130* * * * * 97 29.6 * * * * * *N .10*N .1
*****
DENTON CR WS SCS *TXU0746*TR-MALLARD CREEK *C *UPPER ELM-RE * 33 35.4 * 3.0 * 3. * 339. * 25. * 1. *E 0. *E 0.
SITE 5 *SWF0131* * * * * 97 39.0 * * * * * *N .32*N .4
*****
FARMERS CREEK RE *TXU0775*FARMERS CREEK *S *N MONTAGUE C * 33 53.0 * 94.0 * 21. * 57. * 77. * 56. *E 0. *E 0.
SERVOIR *SWT0550* * * * * 97 39.1 * * * * * *N .26*N .3
*****
COUNTY NAME: MONTGOMERY FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FW
*****
HUMBLE RES *TXU0067*W SAN JACINTO * *UNKNOWN * 30 1.5 * 1740.0 * 1103. * 23. * 36. * 348. *U 0. *U 0.
*SWG0035* * * * * 95 15.5 * * * * * *T 3.43*T 8.0
*****
LAKE CREEK RES *TXU0069*LAKE CK * *UNKNOWN * 30 25.0 * 255.0 * 125. * 93. * 130. * 159. *U 0. *U 0.
*SWG0036* * * * * 95 50.0 * * * * * *T 2.26*T 3.7
*****
NEIDIGK LAKE *TXU0090*MILL CREEK *R *NEIDIGK * 30 8.3 * 79.0 * 39. * 11. * 15. * 1. *E 0. *E 0.
*SWG0037* * * * * 95 37.0 * * * * * *N .10*N .1
*****

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: MONTGOMERY FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FW
*****
CONROE DAM *TX00097*WF SAN JACINTO R*SI *SJKA * 30 21.4 * 445.0* 270.* 40.* 71.* 780.*E 0.*E 0.
*SWG0038* * 95 33.6 * * * * *N 2.09*N 3.7
LEWIS CREEK DAM *TX00119*LEWIS CREEK *SIR *GULF ST * 30 25.8 * 4.0* 6.* 38.* 56.* 22.*E 0.*E 0.
*SWG0039* * 95 32.6 * * * * *N .08*N .1
*****
COUNTY NAME: MORRIS FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
ELLISON CREEK DA*TX04010*BRUTONS CR *D *LUNE STAR ST* 32 55.1 * 37.0* 32.* 36.* 49.* 36.*E 0.*E 0.
M *LMN0038* * 94 43.5 * * * * *N .41*N .6
*****
COUNTY NAME: MACOMB COUNTY FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
PONTA RESERVOIR *TXU0349*ANGELINA RIVER *CSH *DAEN SWF * 31 43.0 * 1251.0* 916.* 42.* 70.* 1885.*U 0.*U 0.
DAM *SWF0132* * 94 58.0 * * * * *T 4.84*T 17.4
*****
COUNTY NAME: NAVARRO FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
NAVARRO MILLS DA*TX00009*RICHLAND CREEK *CSH *DAEN SWF * 31 57.0 * 320.0* 171.* 57.* 77.* 336.*E 0.*E 0.
M *SWF0133* * 96 42.0 * * * * *N 2.15*N 2.7
LAKE HALBERT DAM*TX02568*ELM CREEK *S *CITY OF CORP* 32 4.6 * 12.0* 12.* 24.* 32.* 12.*E 0.*E 0.
*SWF0134* * 96 24.2 * * * * *N .05*N .1
*****
COUNTY NAME: NEWTON FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FW
*****
BIG COW CREEK DA*TXU0352*BIG COW CREEK *S *SABINE RIVER* 30 52.0 * 128.0* 110.* 44.* 60.* 70.*U 0.*U 0.
M *SWF0135* * 93 50.0 * * * * *T 1.09*T 2.7
BON WIER DAM *TXU0404*SABINE RIVER *MCNSR*DAEN SWF * 30 49.0 * 8047.0* 6559.* 33.* 38.* 581.*U 0.*U 0.
*SWF0136* * 93 34.0 * * * * *T 65.13*T 147.5
*****

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

(07/10/79)

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*      *      *      *      *      *      *      *      *      *      *      *      *      *
*  IDENT * NAME OF STREAM * PROJ *      *      *      *      *      *      *      *      *      *
* PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: OCHILTREE                                FERC POWER SUPPLY AREA 36    FERC REGIONAL OFFICE CODE FW
*****
LAKE FRYER      *TX03890*WOLF CREEK      *R      *OCHILTREE CU* 36 13.2 * 107.0*      8.* 34.* 40.* 1.*E 0.*E 0.
*SWT0551*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: ORANGE                                FERC POWER SUPPLY AREA 35    FERC REGIONAL OFFICE CODE FW
*****
NECHES R SALT WA*TXU0059*NECHES RIVER      *      *C OF E      * 30 10.0 * 7951.0* 6038.* 1.* 24.* 37.*U 0.*U 0.
TER      *SWG0040*      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: PALO PINTO                            FERC POWER SUPPLY AREA 37    FERC REGIONAL OFFICE CODE FW
*****
KEECHI CREEK    *TXU0308*KEECHI CREEK      *S      *      *      * 32 53.1 * 274.0* 37.* 37.* 0.* 0.*U 0.*U 0.
*SWF0137*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
TURKEY CREEK    *TXU0309*BRAZOS RIVER      *IHCS *      *      * 32 48.8 * 14593.0* 484.* 65.* 79.* 159.*U 0.*U 0.
*SWF0138*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
INSPIRATION POIN*TXU0310*BRAZOS RIVER      *IHCS *      *      * 32 41.4 * 14711.0* 488.* 66.* 76.* 205.*U 0.*U 0.
T      *SWF0139*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
PALO PINTO CR DA*TX03845*PALO PINTO CREEK*S      *PALO PINTO C* 32 38.8 * 471.0* 63.* 50.* 68.* 136.*E 0.*E 0.
M      *SWF0140*      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
MORRIS SHEPPARD*TX03849*BRAZOS RIVER      *S      *BRAZOS RIVER* 32 52.2 * 22550.0* 970.* 126.* 140.* 970.*E 22.50*E 82.1
DAM      *SWF0141*      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: PANOLA                                FERC POWER SUPPLY AREA 33    FERC REGIONAL OFFICE CODE FW
*****
CARTHAGE DAM    *TXU0354*SABINE RIVER      *CSRH *DAEN SWF      * 32 18.0 * 3720.0* 2694.* 44.* 60.* 1454.*U 0.*U 0.
*SWF0142*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
STATELINE DAM   *TXU0355*SABINE RIVER      *CHSR *DAEN SWF      * 32 .2 * 4816.0* 2175.* 53.* 72.* 8932.*U 0.*U 0.
*SWF0143*      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *
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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 X A S

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * (DH,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: PANOLA FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
MURVAUL BAYOU RE*TX00330*MURVAUL BAYOU *S *PANOLA CO FW* 32 2.0 * 115.0* 73.* 33.* 45.* 92.*E 0.*E 0.
SERVOIR *SWF0144* *SD NO 1 * 94 25.2 * * * * *N .73*N 1.2
*****
COUNTY NAME: PARKER FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
HIGHTOWER *TX00311*ARAZOS RIVER *IHCS * 32 34.6 * 15673.0* 104.* 63.* 72.* 520.*U 0.*U 0.
*SWF0145* * 97 49.5 * * * * *T 2.99*T 9.0
*****
CLEAR FORK TRINI*TX01163*SCUAK CREEK *CI *HOOD-PARKER* 32 44.4 * 7.0* 7.* 44.* 60.* 3.*E 0.*E 0.
TY RIVER WS SITE*SWF0146* *SCD * 97 38.7 * * * * *N .09*N .1
*****
CLEAR FORK TRINI*TX01164*BURGESS CREEK *CI *HOOD-PARKER* 32 42.4 * 7.0* 7.* 38.* 51.* 5.*E 0.*E 0.
TY RIVER WS SITE*SWF0147* *SCD * 97 42.8 * * * * *N .08*N .1
*****
WEATHERFORD DAM *TX01222*CLEAR FORK TRINI*S *CITY OF BEAT* 32 46.3 * 109.0* 18.* 50.* 68.* 36.*E 0.*E 0.
*SWF0148*TY RIVER *MERFUNG * 97 40.5 * * * * *N .23*N .3
*****
COUNTY NAME: POLK FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FW
*****
LONG KING RESERV*TX00062*LONG KING CK * *UNKNOWN* 30 45.6 * 192.0* 122.* 40.* 60.* 186.*U 0.*U 0.
OIR *SWG0041* * 94 56.0 * * * * *T .96*T 1.4
*****
COUNTY NAME: RAINS FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
CARL L ESTER DAM*TX00402*SABINE RIVER *CSR *DAEN SWF* 32 43.0 * 1128.0* 871.* 74.* 100.* 1151.*U 0.*U 0.
*SWF0149* * 95 37.0 * * * * *T 4.76*T 14.7
*****
IRON BRIDGE DAM *TX00491*SABINE RIVER *IRS *SABINE RIVER* 32 48.7 * 756.0* 562.* 56.* 79.* 1410.*E 0.*E 0.
*SWF0150* * AUTHORITY * 95 55.0 * * * * *N 4.65*N 9.4
*****
L E G E N D

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

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF TEXAS

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PUMP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: RANDALL FERC POWER SUPPLY AREA 36 FERC REGIONAL OFFICE CODE FW
*****
LAKE TANGLEWOOD *TX03587*PRARIE DOG TOWN *R *LAKE TANGLE* 35 2.4 * 4105.0* 22.* 47.* 64.* 8.*E 0.*E 0.
*SWT0552*FORK RED RIV * *UDD INC *101 46.2 * * * * *N .07*N .1
*****
COUNTY NAME: RED RIVER FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
BIG PINE RESERVOIR *TXU0020*BIG PINE CREEK *CSU *DAEN SW * 33 52.0 * 95.0* 109.* 58.* 79.* 174.*U 0.*U 0.
*SWT0553 * * * * 95 12.0 * * * * *T 1.49*T 1.7
*****
RIVER CREST LAKE *TX03042*SULPHUR RIVER *OF *D *TEXAS POWER * 33 23.3 * 1365.0* 1240.* 18.* 23.* 10.*E 0.*E 0.
LEVEE *LMND0039*F STREAM * *LIGHT CO * 95 8.8 * * * * *N .67*N 1.7
*****
COUNTY NAME: REEVES FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
RED BLUFF RESERVOIR *TX02312*PECOS RIVER *IHO *RED BLUFF WA * 31 54.1 * 20720.0* 189.* 76.* 98.* 405.*E 0.*E 0.
OIR DAM *SWA0122 * *TER CON DIST*103 54.6 * * * * *N 1.76*N 4.9
*****
COUNTY NAME: REPUBLIC FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
BLANCO RES *TXU0084*BLANCO CREEK * *UNKNOWN * 28 22.3 * 690.0* 116.* 40.* 50.* 179.*U 0.*U 0.
*SWG0042 * * * * 97 20.0 * * * * *T .65*T .8
*****
BAYSIDE RES *TXU0088*ARANSAS RIVER * *UNKNOWN * 28 8.0 * 476.0* 191.* 13.* 25.* 162.*U 0.*U 0.
*SWG0043 * * * * 97 20.0 * * * * *T .18*T .2
*****
COUNTY NAME: ROBERTSON FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FW
*****
PIN OAK CREEK DAM *TXU0359*PIN OAK CREEK *CSRH *DAEN SW * 30 51.4 * 26.0* 13.* 46.* 62.* 67.*U 0.*U 0.
M *SWF0151 * * * * 96 31.0 * * * * *T .14*T .2
*****
MUDDY CREEK DAM *TXU0360*MUDDY CREEK *CSRH *DAEN SW * 30 57.4 * 60.0* 37.* 62.* 84.* 160.*U 0.*U 0.
*SWF0152 * * * * 96 37.0 * * * * *T .53*T .9
*****
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)

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 X A S

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PUMP * OWNER * LONGITUDE * AREA * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (UM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ROBERTSON FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FH
*****
WALNUT CREEK DAM TX00361 WALNUT CREEK * CSRH * DAEN SWF * 31 1.7 * 121.0 * 20. * 52. * 71. * 356. * U 0. * U 0.
* SWF0153 * * 96 39.0 * * * * * * * * * * T .24 * T .4
CAMP CREEK LAKE TX02137 CAMP CREEK * RS * CAMP CREEK * 31 3.7 * 40.0 * 28. * 26. * 35. * 18. * E 0. * E 0.
DAM * SWF0154 * * ATER CO * 96 17.2 * * * * * * * * * * N .16 * N .3
TWIN OAKS DAM TX04453 DUCK CREEK * S * TEXAS POWER * 31 12.0 * 45.0 * 28. * 38. * 52. * 56. * E 0. * E 0.
* SWF0155 * * AND LIGHT CO * 96 27.8 * * * * * * * * * * N .12 * N .1
STERLING C. ROBE TX04455 NAVAJO RIVER * SI * BRAZOS RIVER * 31 19.7 * 674.0 * 103. * 45. * 61. * 459. * E 0. * E 0.
RTSON DAM * SWF0156 * * AUTH * 96 19.1 * * * * * * * * * * N 2.38 * N 3.5
*****
COUNTY NAME: RUNNELS FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FH
*****
ELM CREEK LAKE TX03243 ELM CREEK * S * CITY OF BALL * 31 44.9 * 690.0 * 69. * 21. * 29. * 1. * E 0. * E 0.
AM * SWF0157 * * JINGER * 99 56.8 * * * * * * * * * * N .19 * N .2
*****
COUNTY NAME: RUSK FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FH
*****
MILLER LAKE TX03537 COOPER BRANCH * R * KENNETH MILL * 32 11.8 * 15.0 * 16. * 21. * 27. * 1. * E 0. * E 0.
* SWF0158 * * ER * 94 54.7 * * * * * * * * * * N .07 * N .1
MARTIN CREEK DAM TX03547 MARTIN CREEK * S * DALLAS POWER * 32 16.3 * 130.0 * 102. * 29. * 39. * 372. * E 0. * E 0.
* SWF0159 * * LIGHT ET AL * 94 33.1 * * * * * * * * * * N .90 * N 1.8
STRIKER CREEK DA TX03549 STRIKER CREEK * D * ANGELINA * 31 56.1 * 182.0 * 124. * 27. * 36. * 58. * E 0. * E 0.
M * SWF0160 * * JGDUCHES CO * 94 58.5 * * * * * * * * * * N .79 * N 1.7
*****
COUNTY NAME: SAN JACINTO FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FH
*****
CLEVELAND RESERV TX00068 E SAN JACINTO RI * * UNKNOWN * 30 30.0 * 320.0 * 218. * 53. * 75. * 1344. * U 0. * U 0.
DIR * SWG0044 VER * * * * 95 15.0 * * * * * * * * * * T 2.11 * T 3.9
*****

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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)
(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   T E X A S

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE* AVERAGE * NET *HEIGHT* MAXIMUM*
PROJECT NAME * NUMBER* OR RIVER * PURP* OWNER *LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SAN JACINTO FERC POWER SUPPLY AREA 35 FERC REGIONAL OFFICE CODE FW
*****
LIVINGSTON DAM *TX03823*TRINITY RIVER *S *TRA * 30 38.0 * 16583.0* 6924.* 24.* 89.* 2040.*E 0.*E 0.
*SWG0045* * 95 .9 * * * * * *N 47.00*N 102.7
*****
COUNTY NAME: SAN PATRICIO FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
WOODSBORO *TXU0689*ARANSAS RIVER * *UNKNOWN * 28 10.0 * 470.0* 188.* 40.* 55.* 62.*U 0.*U 0.
*SWG0046* * 97 31.2 * * * * * *T 1.13*T 1.1
*****
COUNTY NAME: SAN SABA FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
HANNA DAM *TXU0133*COLORADO RIVER *H *LOWER COLORA* 31 23.0 * 25757.0* 1045.* 103.* 105.* 300.*U 0.*U 0.
*SWF0161* * *DO RIVER AUT* 98 50.0 * * * * * *T 33.64*T 45.5
*****
SAN SABA *TXU0318*SAN SABA RIVER *SC * * 31 7.8 * 2760.0* 218.* 168.* 227.* 1190.*U 0.*U 0.
*SWF0162* * 98 59.1 * * * * * *T 3.89*T 13.1
*****
COUNTY NAME: SCURRY FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
COLORADO RIVER D*TXU4138*COLORADO RIVER *S *CULO RIV MUN* 32 35.0 * 3524.0* 18.* 74.* 100.* 375.*E 0.*E 0.
AM *SWF0163* * *WATER DIST *101 8.1 * * * * * *N .16*N .1
*****
COUNTY NAME: SMITH FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
MUD CREEK DAM *TX00244*MUD CREEK *S *CITY OF TYLE* 32 12.6 * 62.0* 49.* 29.* 39.* 130.*E 0.*E 0.
*SWF0164* * *R * 95 8.7 * * * * * *N .35*N .8
*****
WHITEHOUSE DAM *TX00245*PRAIRIE CREEK *S *CITY OF TYLE* 32 12.7 * 45.0* 48.* 29.* 39.* 130.*E 0.*E 0.
*SWF0165* * *R * 95 10.3 * * * * * *N .28*N .5
*****
*****
L E G E N D

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

(07/10/79)

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*****
* AVERAGE * NET * HEIGHT * MAXIMUM *
* IDENT * NAME OF STREAM * PROJ * * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SOMERVELL FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE FW
*****
DINOSAUR DAM *TXU0365*PALUXY *CSRH *DAEN SWF * 32 14.6 * 361.0 * 59. * 106. * 144. * 477. *U 0. *U 0.
*SWF0166* * 97 50.8 * * * *T .96*T 1.9
SQUAW CREEK DAM *TXU0375*SQUAW CREEK *D *TEXAS UTILIT* 32 20.0 * 64.0 * 10. * 117. * 153. * 203. *U 0. *U 0.
*SWF0167* * 97 46.0 * * * *T .19*T .2
*****
COUNTY NAME: STEPHENS FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE FW
*****
GONZALES CR DAM *TX03635*GONZALES CREEK *S *CITY OF BREC* 32 36.9 * 115.0 * 10. * 40. * 54. * 25. *E 0. *E 0.
*SWF0168* * 98 52.1 * * * *N .06*N .1
HUBBARD CR DAM *TX03639*HUBBARD CREEK *S *WEST CENTRAL* 32 49.7 * 1107.0 * 74. * 79. * 107. * 715. *E 0. *E 0.
*SWF0169* * 98 57.8 * * * *N .90*N .8
*****
COUNTY NAME: STONEMALL FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE FW
*****
SEYMOUR #1 (SALT *TXU0302*SALT FORK OF BRAVCS * * 33 14.5 * 2736.0 * 62. * 67. * 0. * 0. *U 0.
FORK) *SWF0170*ZDS RIVER * * 100 1.2 * * * *T .92*T 1.0
SEYMOUR *TXU0304*BRACZES RIVER *CSR * 33 17.5 * 4860.0 * 120. * 98. * 132. * 2036. *U 0. *U 0.
*SWF0171* * 100 .5 * * * *T 1.97*T 3.1
*****
COUNTY NAME: TARRANT FERC POWER SUPPLY AREA 17 FERC REGIONAL OFFICE CODE FW
*****
BENBROOK DAM *TX00003*CLEAR FORK OF TR*CSR *DAEN SWF * 32 39.0 * 429.0 * 74. * 90. * 122. * 410. *E 0. *E 0.
*SWF0172*INITY RIVER * * 97 27.0 * * * *N 1.46*N 2.4
GRAPEVINE DAM *TX00005*DENTON CREEK *CSR *DAEN SWF * 32 58.0 * 695.0 * 193. * 96. * 130. * 759. *E 0. *E 0.
*SWF0173* * 97 3.0 * * * *N 2.12*N 3.9
ARLINGTON DAM *TX00776*VILLAGE CREEK *IS *CITY OF ARLI* 32 43.3 * 143.0 * 29. * 54. * 73. * 88. *E 0. *E 0.
*SWF0174* * 97 11.9 * * * *N .43*N .6
*****

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L E G E N D

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

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 X A S

(07/10/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
PROJECT NAME  * IDENT * NAME OF STREAM * PROJ *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *      *      *      *      *
COUNTY NAME: TARRANT
*****
EAGLE MOUNTAIN D *TX00779* WEST FORK TRINIT *SIR *TARRANT CO * 32 52.2 * 1970.0 * 249. * 61. * 82. * 558. *E 0. *E 0.
AM              *SWF0175* Y RIVER              *      *CID 1    * 97 29.8 *      *      *      *      *      *      *      *      *      *
LAKE WORTH DAM  *TX00785* WEST FORK TRINIT *SIR *CITY OF FORT * 32 47.5 * 2064.0 * 291. * 26. * 35. * 62. *E 0. *E 0.
                *SWF0176* Y RIVER              *      *WORTH   * 97 24.9 *      *      *      *      *      *      *      *
COUNTY NAME: TAYLOR
*****
ABILENE DAM     *TX02692* ELM CREEK      *S   *CITY OF ABIL * 32 14.1 * 110.0 * 9. * 34. * 46. * 11. *E 0. *E 0.
                *SWF0177*                *      *ENE    * 99 53.3 *      *      *      *      *      *      *      *
COUNTY NAME: TERRELL
*****
AGUA VERDE      *TX00105* RIO GRANDE      *P   *      *      * 29 47.1 * 82232.0 * 256. * 321. * 402. * 2200. *U 0. *U 0.
                *SWA0123*                *      *      * 102 3.0 *      *      *      *      *      *      *      *
COUNTY NAME: THROCKMORTON
*****
ELM CREEK DAM   *TX00364* ELM CREEK      *CSRH *DAEN SWF * 33 10.0 * 267.0 * 37. * 65. * 88. * 308. *U 0. *U 0.
                *SWF0178*                *      *      * 98 55.0 *      *      *      *      *      *      *      *
COUNTY NAME: TITUS
*****
MONTICELLO DAM *TX04013* BLUNDELL CREEK *O   *DALLAS PWR * 33 4.8 * 30.0 * 26. * 40. * 53. * 59. *E 0. *E 0.
                *LMN0040*                *      *LIGHT ET AL * 95 2.6 *      *      *      *      *      *      *      *
COUNTY NAME: TOM GREEN
*****
O.C. FISHER DAM *TX00012* CONCHO RIVER *CSR  *DAEN SWF * 31 28.0 * 1511.0 * 46. * 90. * 122. * 696. *E 0. *E 0.
                *SWF0179*                *      *      * 100 29.0 *      *      *      *      *      *      *      *
*****
L E G E N D

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(07/10/79)

LEGEND

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * ANNUAL * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: URMUR                      FERC POWER SUPPLY AREA 33      FERC REGIONAL OFFICE CODE FW
*****
LAKE GLADEWATER *TX03725*GLADE CREEK *S *CITY OF GLAD* 32 33.3 * 35.0 * 25. * 33. * 44. * 12. *E 0. *E 0.
DAM *SWF0186* * *EWATER * 94 57.5 * * * * * *N .25*N .4
*****
COUNTY NAME: UVALDE                      FERC POWER SUPPLY AREA 38      FERC REGIONAL OFFICE CODE FW
*****
MONTELL DAM *TXU0380*NUECES RIVER *CSRH *DAEN SWF * 29 33.0 * 707.0 * 138. * 112. * 178. * 930. *U 0. *U 0.
*SWF0187* * * * *100 0. * * * * * *T 2.64*T 7.4
*****
COUNTY NAME: VALVERDE                    FERC POWER SUPPLY AREA 37      FERC REGIONAL OFFICE CODE FW
*****
PECOS NO 1 *TXU0116*PECOS RIVER *P * * * 29 45.9 * 33216.0 * 104. * 109. * 148. * 6. *U 0. *U 0.
*SWA0124* * * * *101 21.2 * * * * * *T 1.36*T 3.6
*****
PECOS NO 2 *TXU0117*PECOS RIVER *P * * * 29 48.7 * 32947.0 * 103. * 110. * 149. * 6. *U 0. *U 0.
*SWA0125* * * * *101 27.0 * * * * * *T 1.36*T 3.6
*****
PECOS NO 3 *TXU0118*PECOS RIVER *P * * * 29 53.8 * 32759.0 * 115. * 89. * 120. * 8. *U 0. *U 0.
*SWA0126* * * * *101 28.7 * * * * * *T 1.22*T 3.3
*****
PECOS NO 4 *TXU0119*PECOS RIVER *P * * * 29 56.5 * 32625.0 * 113. * 128. * 173. * 228. *U 0. *U 0.
*SWA0127* * * * *101 28.2 * * * * * *T 1.68*T 4.6
*****
INTERNATIONAL AM *TXU2296*RIO GRANDE *C I M*IHNC * 29 27.0 * 126423.0 * 0. * 180. * 245. * 5659. *E 0. *E 0.
ISTAD DAM (US SI *SWF0188* * R * * *101 3.5 * * * * * *N 66.00*N 41.2
*****
COUNTY NAME: VICTORIA                    FERC POWER SUPPLY AREA 38      FERC REGIONAL OFFICE CODE FW
*****
GARCITAS RESERVOIR *TXU0081*GARCITAS CREEK * * *UNKNOWN * 28 50.0 * 92.0 * 41. * 23. * 40. * 67. *U 0. *U 0.
*SWG0050* * * * *96 44.0 * * * * * *T .15*T .2
*****
CONFLUENCE RES *TXU0086*GUADALUPE RIVER * * *UNKNOWN * 28 35.0 * 10128.0 * 3506. * 30. * 45. * 1238. *U 0. *U 0.
*SWG0051* * * * *96 55.3 * * * * * *T 19.44*T 56.1
*****

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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=CLOUD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
D=DEBRIS CONTROL, P=FAHM POND, O=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY T=TOTAL POTENTIAL CAPACITY AND ENERGY (FOR UNDEVELOPED SITES)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF TEXAS

(07/10/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
*  NUMBER *   OR RIVER   * PURP * OWNER   * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
*   (1)   *             * (2)   *         *   (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) *   (3) * (3)
*****
COUNTY NAME: VICTORIA          FERC POWER SUPPLY AREA 38          FERC REGIONAL OFFICE CODE FW
*****
COLETO CREEK DAM TX04744*COLETO CREEK *O *G-SRA * 28 43.4 * 369.0* 92.* 45.* 61.* 169.*E 0.*E 0.
*SWG0052* * * * * 97 10.0 * * * * * *N .54*N .8
*****
COUNTY NAME: WALKER          FERC POWER SUPPLY AREA 35          FERC REGIONAL OFFICE CODE FW
*****
HARMONS RES *TXU0066*HARMONS CK * * * 30 47.0 * 445.0* 270.* 74.* 100.* 79.*U 0.*U 0.
*SWG0053* * * * * 95 30.0 * * * * * *T 3.27*T 6.4
*****
HARMONS DAM *TXU0384*HARMONS CREEK *S *TRINITY RIVE* 30 47.2 * 43.0* 30.* 30.* 40.* 23.*U 0.*U 0.
*SWF0149* * * * * 95 29.3 * * * * * *T .23*T .4
*****
NELSEN DAM *TXU0385*NELSON CREEK *S *TRINITY RIVE* 30 51.7 * 77.0* 54.* 18.* 23.* 36.*U 0.*U 0.
*SWF0190* * * * * 95 32.1 * * * * * *T .20*T .4
*****
COUNTY NAME: WEBB          FERC POWER SUPPLY AREA 38          FERC REGIONAL OFFICE CODE FW
*****
PALAFOX DAM *TXU0351*RIO GRANDE *H *PSSIBLE INT* 27 40.0 * 134600.0* 0.* 66.* 0.* 0.*U 0.*U 0.
*SWF0191* * * * * 99 41.0 * * * * * *T 22.50*T 68.1
*****
ZACHARY DAM *TX02250*BECCERRA CREEK *IR *RANCHO BLANC* 27 17.6 * 29.0* 39.* 34.* 46.* 20.*E 0.*E 0.
*SWF0192* * * * * 99 28.9 * * * * * *N .34*N .9
*****
OKEEFE DAM *TX02252*BECCERRA CREEK *I *H B OKEEFE * 27 21.4 * 24.0* 32.* 25.* 34.* 3.*E 0.*E 0.
*SWF0193* * * * * 99 26.5 * * * * * *N .21*N .5
*****
VAQUILLAS DAM *TX02266*SALADO CREEK *R *VAQUILLAS RA* 27 39.7 * 5.0* 16.* 20.* 27.* 4.*E 0.*E 0.
*SWF0194* * * * * 99 8.1 * * * * * *N .05*N .2
*****
COUNTRY CLUB DAM TX02267*CHACON CREEK *IR *WEBB COUNTY* 27 32.0 * 117.0* 17.* 52.* 71.* 29.*E 0.*E 0.
*SWF0195* * * * * 99 26.9 * * * * * *N .12*N .1
*****

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LEGEND

- (1) - TOP LINE IS INVENTORY OF DAMS CROSS REFERENCE ID. BOTTOM LINE DEFINES (U.S.A.C.E.) OFFICE AND SITE ID.
 (2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, S=WATER SUPPLY, R=RECREATION,
 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 TEXAS

(07/10/79)

```

*****
* IVENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE* AVERAGE * NET *HEIGHT* MAXIMUM*
PROJECT NAME * NUMBER* ON RIVER * PURP* OWNER *LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SU MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: WICHITA FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
LAKE WICHITA DAM*TX01017*HOLIDAY CREEK *S *CITY OF WICH* 33 50.7 * 143.0* 20.* 17.* 23.* 92.*E 0.*E 0.
*SWT0554* *WITA FALLS * 98 32.3 * * * * *N .06*N .1
*****
COUNTY NAME: WILBARGER FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
SANTA ROSA DAM *TX00965*BEAVER CREEK *S *W T WAGGONER* 33 56.4 * 336.0* 47.* 30.* 41.* 50.*E 0.*E 0.
*SWT0555* *E ESTATE * 99 15.6 * * * * *N .54*N .4
*****
COUNTY NAME: WILLIAMSON FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
SOUTH FORK DAM *TXU0392*SOUTH FORK OF SA*CSR *DAEN SWF * 30 37.2 * 123.0* 40.* 109.* 147.* 144.*U 0.*U 0.
*SWF0196*N GABRIEL R * * * * *T .81*T 1.8
*****
NORTH FORK DAM *TXU0393*NORTH FORK OF SA*CSR *DAEN SWF * 30 40.0 * 246.0* 89.* 116.* 157.* 220.*U 0.*U 0.
*SWF0197*N GABRIEL R * * * * *T 1.54*T 4.0
*****
COUNTY NAME: WILSON FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
CIBOLO *TXU0326*CIBOLO CREEK *SC * * 29 8.5 * 746.0* 112.* 75.* 102.* 403.*U 0.*U 0.
*SWF0198* * * * *T 1.07*T 2.1
*****
COUNTY NAME: WISE FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
SALT CR WS SCS *TXU01480*GONZALLAS CREEK *C *UPPER WEST F* 33 2.1 * 7.0* 7.* 36.* 49.* 2.*E 0.*E 0.
ITE 6 *SWF0199* *ORK SCU * 97 44.0 * * * * *N .07*N .1
*****
DENTON CR WS SCS*TX01488*SWEETWATER CREEK*C *DENTON-WISE * 33 13.5 * 6.0* 6.* 43.* 58.* 2.*E 0.*E 0.
SITE 24 *SWF0200* *SCD * 97 31.0 * * * * *N .08*N .1
*****
BRIDGEPORT DAM *TX01496*WEST FORK TRINIT*SIH *TARRANT CO W* 33 13.2 * 1111.0* 158.* 79.* 103.* 516.*E 0.*E 0.
*SWF0201*Y RIVER *C+ID NO 1 * 97 49.6 * * * * *N 2.00*N 2.1
*****
*****
L E G E N D

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

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

(07/10/79)

PROJECT NAME	IDENT NUMBER	NAME OF STREAM OR RIVER	PROJ PURP	OWNER	LATITUDE LONGITUDE	DRAINAGE AREA	AVERAGE ANNUAL INFLUX	NET POWER HEAD	HEIGHT OF DAM	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MW)	ENERGY (GWH)
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)		(3)	(3)
*****												
COUNTY NAME: WISE					FERC POWER SUPPLY AREA 37			FERC REGIONAL OFFICE CODE FW				
*****												
DENTON CR WS SCS SITE 12	*TX01521*	COTTONWOOD CREEK	*C	DENTON-WISE	* 33 23.1 *	6.0*	8. *	40. *	54. *	3. *E	0. *E	0. *
	SWF0202			*SCD	* 97 34.3 *					*N	.10*N	.1
DENTON CR WS SCS SITE 13	*TX01523*	RUSH CREEK	*C	DENTON-WISE	* 33 25.9 *	6.0*	6. *	35. *	49. *	2. *E	0. *E	0. *
	SWF0203			*SCD	* 97 31.7 *					*N	.06*N	.1
DENTON CR WS SCS SITE 16	*TX01524*	TR-DENTON CREEK	*C	DENTON-WISE	* 33 24.8 *	6.0*	6. *	34. *	46. *	2. *E	0. *E	0. *
	SWF0204			*SCD	* 97 30.3 *					*N	.06*N	.1
DENTON CR WS SCS SITE 21	*TX01528*	NORTH PECAN CREEK	*C	DENTON-WISE	* 33 20.0 *	6.0*	8. *	29. *	39. *	3. *E	0. *E	0. *
	SWF0205			*SCD	* 97 26.5 *					*N	.06*N	.1
DENTON CR WS SCS SITE 23	*TX01533*	TR-CATLETT CREEK	*C	DENTON-WISE	* 33 15.9 *	5.0*	5. *	59. *	80. *	3. *E	0. *E	0. *
	SWF0206			*SCD	* 97 29.0 *					*N	.09*N	.1
DENTON CR WS SCS SITE 17	*TX01536*	HARTS CREEK	*C	DENTON-WISE	* 33 24.4 *	4.0*	4. *	43. *	58. *	1. *E	0. *E	0. *
	SWF0207			*SCD	* 97 28.6 *					*N	.05*N	.1
*****												
COUNTY NAME: WOOD					FERC POWER SUPPLY AREA 33			FERC REGIONAL OFFICE CODE FW				
*****												
TITUS COUNTY RESERVOIR	*TXU0012*	BIG CYPRESS CREEK			* 33 6.0 *	239.0*	225. *	52. *	69. *	297. *U	0. *U	0. *
	LMN0041				* 90 0. *					*T	2.22*T	4.6
BIG SANDY DAM	*TXU0383*	BIG SANDY CK	*CSWH	DAEN SWF	* 32 39.0 *	196.0*	154. *	66. *	89. *	699. *U	0. *U	0. *
	SWF0208				* 95 10.0 *					*T	2.29*T	5.6
WOOD CO DAM NO 3	*TX00920*	LITTLE SANDY CREEK	*CR	WOOD COUNTY	* 32 36.7 *	30.0*	32. *	44. *	60. *	29. *E	0. *E	0. *
	SWF0209				* 95 15.1 *					*N	.46*N	.6
UPPER WEST LAKE DAM	*TX00931*	LITTLE SANDY CR	*R	WEST LAKES C	* 32 39.6 *	42.0*	45. *	16. *	21. *	2. *E	0. *E	0. *
	SWF0210			*LUB	* 95 16.8 *					*N	.14*N	.3
WOOD CO DAM NO 2	*TX00936*	KEYES CREEK	*RC	WOOD COUNTY	* 32 41.1 *	15.0*	15. *	37. *	50. *	16. *E	0. *E	0. *
	SWF0211				* 95 33.1 *					*N	.18*N	.2
*****												
L E G E N D												

L E G E N D

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 (2) - PROJECT PURPOSE: I=IRRIGATION, H=HYDROELECTRIC, C=FLOOD CONTROL, N=NAVIGATION, B=WATER SUPPLY, R=RECREATION,
 (2) D=DEBRIS CONTROL, P=FARM POND, O=OTHER
 (3) - E=INSTALLED CAPACITY AND ENERGY N=NEN 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   T E X A S

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME. * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: WOOD FERC POWER SUPPLY AREA 33 FERC REGIONAL OFFICE CODE FW
*****
WOOD COUNTY DAM *TX00940*BIG SANDY CREEK *RC *WOOD COUNTY * 32 53.2 * 27.0 * 29. * 33. * 44. * 23. *E 0. *E 0.
NO 4 *SWF0212 * * * * * 95 20.7 * * * * * *N .27 *N .4
WOOD COUNTY DAM *TX00950*DRY CREEK *RC *WOOD CO * 32 51.5 * 31.0 * 33. * 33. * 45. * 22. *E 0. *E 0.
NO 1 *SWF0213 * * * * * 95 27.0 * * * * * *N .32 *N .9
LAKE FORK DAM *TX04388*LAKE FORK CREEK *S *SWA * 32 46.6 * 507.0 * 377. * 75. * 101. * 1816. *E 0. *E 0.
*SWF0214 * * * * * 95 30.0 * * * * * *N 4.32 *N 8.3
*****
COUNTY NAME: YOUNG FERC POWER SUPPLY AREA 37 FERC REGIONAL OFFICE CODE FW
*****
SOUTH BEND *TX00307*BRAZOS RIVER *S * * * 33 10.4 * 7370.0 * 182. * 100. * 0. * 0. *U 0. *U 0.
*SWF0215 * * * * * 98 45.4 * * * * * *T 2.60 *T 4.4
GRAHAM DAM *TX03945*SALT CREEK *S *CITY OF GRAH * 33 8.0 * 205.0 * 36. * 48. * 65. * 82. *E 0. *E 0.
*SWF0216 * * *AM TEXAS * 98 36.8 * * * * * *N .12 *N .3
*****
COUNTY NAME: ZAVALA FERC POWER SUPPLY AREA 38 FERC REGIONAL OFFICE CODE FW
*****
CAIMANCHE *TXU0329*TRUCKEE CREEK *S * * * 28 40.0 * 1569.0 * 71. * 28. * 38. * 185. *U 0. *U 0.
*SWF0217 * * * * * 99 51.9 * * * * * *T .53 *T .5
ZAVALA (CRYSTAL *TXU0334*NUECES RIVER *S * * * 28 45.7 * 2091.0 * 128. * 68. * 88. * 170. *U 0. *U 0.
CITY) *SWF0218 * * * * * 99 49.1 * * * * * *T 1.08 *T 2.4
UPPER NUECES DAM *TX01802*NUECES RIVER *I *ZAVALA-DIMMI * 28 46.7 * 2160.0 * 132. * 41. * 55. * 9. *E 0. *E 0.
*SWF0219 * * *T MID '1 * 99 49.7 * * * * * *N .70 *N 1.5
*****

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

*****

STATE OF WYOMING

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

POTENTIAL INCREMENTAL CAPACITY RANGES																		
H E A D I N F E T E V T	C U N T A L A N D S I G N I F I C A N T	.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL				
		EXIST	UNDEV	TOTAL	EXIST	UNDEV	TOTAL	EXIST	UNDEV	TOTAL	EXIST	UNDEV	TOTAL	EXIST	UNDEV	TOTAL	EXIST	
		INST	INCR	POTEN	INST	INCR	POTEN	INST	INCR	POTEN	INST	INCR	POTEN	INST	INCR	POTEN	INST	
		1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	
*****																		
0-19	NUMBER	0*	6*	0*	6**	0*	0*	0*	0**	0*	0*	0*	0**	0*	6*	0*	6*	
	CAPCTY	0.0*	1.4*	0.0*	1.4**	0.0*	0.0*	0.0*	0.0**	0.0*	0.0*	0.0*	0.0**	0.0*	1.4*	0.0*	1.4*	
	ENERGY	0.0*	2.9*	0.0*	2.9**	0.0*	0.0*	0.0*	0.0**	0.0*	0.0*	0.0*	0.0**	0.0*	2.9*	0.0*	2.9*	
*****																		
20-49	NUMBER	2*	22*	0*	22**	0*	1*	0*	1**	0*	1*	0*	1**	2*	24*	0*	24*	
	CAPCTY	1.2*	26.2*	0.0*	26.2**	0.0*	17.8*	0.0*	17.8**	0.0*	25.7*	0.0*	25.7**	1.2*	69.7*	0.0*	69.7*	
	ENERGY	4.0*	68.5*	0.0*	68.5**	0.0*	43.9*	0.0*	43.9**	0.0*	65.7*	0.0*	65.7**	4.0*	178*	0.0*	178*	
*****																		
50-99	NUMBER	3*	15*	7*	22**	0*	0*	1*	1**	0*	1*	1*	2**	3*	16*	9*	25*	
	CAPCTY	5.4*	15.6*	14.3*	29.9**	0.0*	0.0*	22.3*	22.3**	0.0*	37.6*	26.0*	63.7**	5.4*	53.2*	62.7*	116*	
	ENERGY	29.2*	39.2*	50.6*	89.9**	0.0*	0.0*	48.9*	48.9**	0.0*	81.3*	63.2*	145**	29.2*	121*	163*	283*	
*****																		
>100	NUMBER	3*	10*	11*	21**	3*	2*	19*	21**	4*	7*	29*	36**	10*	19*	59*	78*	
	CAPCTY	12.3*	27.9*	67.7*	95.7**	56.0*	45.0*	388*	433**	152*	289*	3028*	3317**	221*	362*	3483*	3845*	
	ENERGY	80.6*	67.6*	208*	276**	280*	48.2*	822*	870**	606*	440*	6309*	6749**	967*	556*	7339*	7895*	
*****																		
TOTAL	NUMBER	8*	53*	18*	71**	3*	3*	20*	23**	4*	9*	30*	39**	15*	65*	68*	133*	
	CAPCTY	18.9*	71.3*	82.0*	153**	56.0*	62.8*	410*	473**	152*	352*	3054*	3406**	227*	487*	3546*	4033*	
	ENERGY	114*	178*	259*	437**	260*	92.1*	871*	963**	606*	587*	6372*	6960**	1000*	858*	7502*	8360*	

LEGEND

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

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

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF MONTANA

(07/10/79)

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 POWER OF HEAD (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MWH)	ENERGY (GWH)
*****												
COUNTY NAME: ALBANY					FERC POWER SUPPLY AREA 31			FERC REGIONAL OFFICE CODE CH				
*****												
DODGE CANYON (DI VERSION DAM)	WY00048	LARAMIE RIVER			41 55.5	2133.0	130.	370.	0.	0.	0.	0.
	MR00302				105 28.5						7.50	20.0
*****												
WHEATLAND RES NO 2	WY00005	LARAMIE RIVER	I	S	41 50.3	1618.0	99.	30.	35.	145.	0.	0.
	MR00303			ENT CD	105 38.3						1.07	1.8
*****												
WHEATLAND RES NO 3	WY00011	LARAMIE RIVER	I	S	41 53.5	2248.0	137.	19.	24.	132.	0.	0.
	MR00304	FSTREAM		INDUSTRIAL CO	105 43.6						.70	1.4
*****												
LAKE HATTIE RES	WY00015	LARAMIE RIVER	I	L	41 14.5	1071.0	96.	33.	38.	130.	0.	0.
	MR00305	FSTREAM		R CD	105 53.9						1.15	1.9
*****												
ROB ROY RESERVOIR	WY00084	DOUGLAS CREEK	S		41 11.8	21.0	24.	93.	98.	10.	0.	0.
	MR00306				106 15.9						.81	1.2
*****												
UPPER NO CROW CREEK	WY01315	NO CROW CREEK	U	C	41 8.0	18.0	4.	56.	55.	4.	0.	0.
	MR00307			ENNE	105 16.0						.07	.1
*****												
COUNTY NAME: BIG HORN					FERC POWER SUPPLY AREA 31			FERC REGIONAL OFFICE CODE CH				
*****												
CAVE CANYON	WY00079	BIG HORN RIVER			44 45.0	15421.0	2313.	108.	113.	393.	0.	0.
	MR00308				108 12.0						62.69	166.0
*****												
ADELAIDE RES	WY01099	SHELL CREEK	I	M	44 32.0	4.0	7.	35.	40.	4.	0.	0.
	MR00309			IRRIGATION	107 24.3						.10	.2
*****												
SHELL RES	WY01100	SHELL CREEK	I	M	44 31.0	23.0	32.	41.	46.	4.	0.	0.
	MR00310			IRRIGATION	107 24.8						.40	.9
*****												
SANDSTONE RES	WY01161	GREYBULL RIVER	I	S	44 22.0	1110.0	182.	21.	28.	1.	0.	0.
	MR00311			S CO	108 17.9						.69	1.8
*****												

LEGEND

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*****

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

(07/10/79)

PROJECT NAME	* IDENT * * NUMBER *	* NAME OF STREAM * * CR RIVER *	* PROJ * * PUMP *	* OWNER *	* LATITUDE * * LONGITUDE *	* DRAINAGE * * AREA *	* AVERAGE * * ANNUAL * * INFLOW *	* NET * * POWER * * HEAD *	* HEIGHT * * OF * * DAM *	* MAXIMUM * * STORAGE * * (1000 *	* CAPACITY * * (MW) *	* ENERGY * * (GWH) *
	(1)		(2)		(DM.M)	(SQ MI)	(CFS)	(FT)	(FT)	AC FT)	(3)	(3)
COUNTY NAME: CARBON					FERC POWER SUPPLY AREA 31			FERC REGIONAL OFFICE CODE CH				
PEDRO MOUNTAIN	*WYU0044*	*NORTH PLATTE RIV*			* 42 8.5 *	* 7241.0 *	* 1080. *	* 88. *	* 120. *	* 569. *	* 0. *	* 0. *
	MR00312	*ER			* 106 47.1 *					* 26.08 *	* 63.3 *	
FORT STEELE	*WYU0045*	*NORTH PLATTE			* 41 51.1 *	* 4060.0 *	* 993. *	* 110. *	* 115. *	* 216. *	* 0. *	* 0. *
	MR00313				* 106 56.3 *					* 48.89 *	* 108.5 *	
BENNETT PEAD	*WYU0046*	*NORTH PLATTE RIV*			* 41 16.2 *	* 1728.0 *	* 527. *	* 105. *	* 128. *	* 120. *	* 0. *	* 0. *
	MR00314	*ER			* 106 35.2 *					* 23.16 *	* 46.7 *	
HOG PARK	*WYU0049*	*ENCAMPMENT RIVER*			* 41 1.5 *	* 115.0 *	* 101. *	* 796. *	* 800. *	* 72. *	* 0. *	* 0. *
	MR00315				* 106 49.2 *					* 49.91 *	* 93.0 *	
SYBILLE CREEK	*WYU0050*	*LARAMIE RIVER			* 41 54.5 *	* 2500.0 *	* 153. *	* 100. *	* 105. *	* 58. *	* 0. *	* 0. *
	MR00316				* 105 25.2 *					* 2.96 *	* 7.2 *	
PARKVIEW	*WYU0051*	*NORTH PLATTE RIV*			* 41 10.5 *	* 1502.0 *	* 370. *	* 447. *	* 465. *	* 122. *	* 0. *	* 0. *
	MR00317	*ER			* 106 31.5 *					* 58.50 *	* 127.4 *	
SAVERY RESERVOIR	*WYU0086*	*SAVERY CREEK	*CI		* 41 6.5 *	* 190.0 *	* 100. *	* 60. *	* 80. *	* 40. *	* 0. *	* 0. *
	SPK0932				* 107 7.5 *					* 1.45 *	* 2.7 *	
HOG PARK RES	*WYU0381*	*HOG PARK CREEK	*I S R	*LARAMIE WY C*	* 42 2.1 *	* 17.0 *	* 19. *	* 56. *	* 64. *	* 3. *	* 0. *	* 0. *
	MR00318			*HEYENNE WY	* 106 51.6 *					* .44 *	* .6 *	
KORTES RESERVOIR	*WY01294*	*NORTH PLATTE RIV*	*IHR	*DOI USBH	* 42 10.8 *	* 6653.0 *	* 992. *	* 219. *	* 224. *	* 5. *	* 36.00 *	* 147.5 *
	MR00319	*ER			* 106 53.1 *					* 0. *	* 0. *	
SEMINOLE RESERVOIR	*WY01297*	*NORTH PLATTE RIV*	*IHR	*DOI USBH	* 42 9.4 *	* 6641.0 *	* 990. *	* 201. *	* 206. *	* 1011. *	* 32.40 *	* 130.7 *
R	*MR00320*	*ER			* 106 54.5 *					* 23.79 *	* 3.1 *	
COUNTY NAME: CONVERSE					FERC POWER SUPPLY AREA 27			FERC REGIONAL OFFICE CODE CH				
LA PRELE RESERVOIR	*WY00204*	*LA PRELE CREEK	*IS	*LA PRELE DIT*	* 42 43.0 *	* 188.0 *	* 58. *	* 128. *	* 133. *	* 23. *	* 0. *	* 0. *
	MR00321			*CH CO	* 105 36.8 *					* 2.39 *	* 3.6 *	

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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   W Y O M I N G

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ* *LATITUDE * DRAINAGE* ANNJAL * NET *HEIGHT* MAXIMUM* *
PROJECT NAME * NUMBER* OR RIVER * PURP* OWNER *LONGITUDE* AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: CROOK FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
KEYHOLE RESERVOIR*WY01360*BELLE FOURCHE RI*ICR *DDI USBR * 44 22.9 * 2000.0* 25.* 108.* 113.* 634.*E 0.*E 0.
R *MR00322*VER * * *104 46.6 * * * * * *N .87*N .8
*****
COUNTY NAME: FREMONT FERC POWER SUPPLY AREA 31 FERC REGIONAL OFFICE CODE CH
*****
DU NOIR-STONEY P*WY00083*WIND RIVER * * * 43 35.0 * 232.0* 174.* 275.* 600.* 582.*U 0.*U 0.
QINT *MR00323* * * *109 46.0 * * * * * *T 16.54*T 33.7
*****
UPPER ROCK CREEK*WY00425*ROCK CREEK *D *U S STEEL CO* 42 32.8 * 14.0* 14.* 86.* 93.* 3.*E 0.*E 0.
RES *MR00324* * * *108 46.0 * * * * * *N .35*N .7
*****
SHOSHONE LAKE RE*WY01055*N FORK POPO AGGI*I P *SHOSHONE LAK* 42 47.8 * 9.0* 9.* 41.* 46.* 12.*E 0.*E 0.
S *MR00325*E * * *109 1.3 * * * * * *N .10*N .2
*****
BOYSEN RESERVOIR*WY01299*WIND RIVER *ICHR *DDI USBR * 43 25.0 * 7710.0* 1760.* 139.* 144.* 1473.*E 15.00*E 88.0
*MR00326* * * *108 10.6 * * * * * *N 60.35*N 76.5
*****
BULL LAKE *WY01378*BULL LAKE CREEK *ICR *DDI USBR * 43 12.6 * 210.0* 281.* 63.* 68.* 153.*E 0.*E 0.
*MR00327* * * *109 2.5 * * * * * *N 3.55*N 10.7
*****
PILOT BUTTE RESE*WY01381*WIND RIVER OFFST*IR *DDI USBR * 43 11.8 * 2000.0* 804.* 28.* 33.* 39.*E 0.*E 0.
RVOIR *MR00328*REAM * * *108 45.2 * * * * * *N 4.05*N 12.4
*****
WASHAKIE RESERVO*WY01398*SOUTH FORK LITTL*ICR *WIND RIVER I* 42 58.0 * 57.0* 75.* 42.* 47.* 8.*E 0.*E 0.
IR *MR00329*E WIND RIVER * *RRIG PROJECT*109 1.0 * * * * * *N 1.04*N 1.7
*****
COUNTY NAME: GOSHEN FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
HAWK SPRINGS RES*WY00003*HAWK SPRINGS HOR*IS *HAWKS SPRING* 41 43.1 * 112.0* 52.* 45.* 50.* 18.*E 0.*E 0.
ERVOIR *MR00330*SE CREEK * *S DEV CO *104 11.3 * * * * * *N .58*N 1.7
*****
DETENTION RES PI*WY00142*EATON DR *C *FT LARAMIE * 42 13.9 * 25.0* 12.* 45.* 50.* 3.*E 0.*E 0.
NE RIDGE 1 *MR00331* * * *104 30.6 * * * * * *N .13*N .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   W Y O M I N G

(07/10/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
*  NUMBER * OR RIVER      * PUMP * OWNER  * LONGITUDE * AREA   * ANNUAL * POWER * OF   * STORAGE * CAPACITY * ENERGY
*  (1)    *              * (2)  *       * (DM,M)  * (SQ MI) * (CFS)  * (FT)  * (FT)  * (1000 * (MW)  * (GWH)
*          *              *      *       *          *          *          *          *          *          *
COUNTY NAME: HOT SPRINGS          FERC POWER SUPPLY AREA 31    FERC REGIONAL OFFICE CODE CH
*****
ANCHOR RESERVOIR * WY01298 * SOUTH FORK GUL C * IC * DUI USBH * 43 39.8 * 132.0 * 177. * 152. * 157. * 22. * E 0. * E 0.
* MR00332 * REEK *          *          * 108 49.4 *          *          *          *          *          *          *
COUNTY NAME: JOHNSON          FERC POWER SUPPLY AREA 31    FERC REGIONAL OFFICE CODE CH
*****
BOEELDER RES * WY00029 * CLEAR CREEK *          *          * 44 32.4 * 362.0 * 181. * 124. * 129. * 55. * U 0. * U 0.
* MR00333 *          *          *          * 106 37.4 *          *          *          *          *          *          *
HAZELTON ALT B * WY00090 * HAZELTON WATERSH *          *          * 44 3.4 * 27.0 * 16. * 70. * 95. * 9. * U 0. * U 0.
* MR00334 * ED *          *          * 106 52.4 *          *          *          *          *          *          *
LAKE DESMET RES * WY00456 * PINEY + ROCK CR * S * REYNOLDS MIN * 44 30.8 * 13.0 * 8. * 38. * 42. * 136. * E 0. * E 0.
* MR00335 *          *          *          * 106 46.5 *          *          *          *          *          *          *
BIG HORN RES * WY00459 * CROSS CREEK * I * BIG HORN RES * 44 32.0 * 11.0 * 7. * 38. * 43. * 6. * E 0. * E 0.
* MR00336 *          *          *          * 107 12.0 *          *          *          *          *          *          *
KEARNEY LAKE RES * WY00460 * NORTH FK SOUTH P * I * K L L R CUPA * 44 27.1 * 14.0 * 8. * 47. * 52. * 8. * E 0. * E 0.
* MR00337 * INEY CK *          *          * 107 7.3 *          *          *          *          *          *          *
WILLOW PARK RES * WY00464 * S FK S PINEY CR * I S * WILLOW PARK * 44 27.8 * 35.0 * 48. * 48. * 53. * 6. * E 0. * E 0.
* MR00338 *          *          *          * 107 1.5 *          *          *          *          *          *          *
DULL KNIFE RES * WY00557 * H FORK POWDER RI * I * N F P R W U * 44 1.1 * 25.0 * 15. * 78. * 83. * 5. * E 0. * E 0.
* MR00339 * VER *          *          * 107 3.2 *          *          *          *          *          *          *
MUDDY GUARD RESE * WY01333 * EROSION DRAW + G * I O * NORTH FORK I * 44 11.1 * 1.0 * 1. * 37. * 92. * 2. * E 0. * E 0.
* MR00340 * UARD DRAW *          *          * 106 45.5 *          *          *          *          *          *          *
BIGHORN * WY01335 * CROSS CREEK * IO * BIGHORN RESE * 44 32.1 * 10.0 * 6. * 43. * 48. * 5. * E .60 * E 2.0
* MR00341 *          *          *          * 107 12.2 *          *          *          *          *          *          *
BIGHORN * WY01336 * CROSS CREEK * IO * BIGHORN RESE * 44 32.1 * 10.0 * 6. * 40. * 45. * 5. * E .60 * E 2.0
* MR00342 *          *          *          * 107 12.2 *          *          *          *          *          *          *
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*****

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF WYOMING

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLCH * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LARAMIE FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
GRANITE SPRINGS * WYU0001 * MIDDLE CROW CREE * I S * CITY OF CHEY * 41 10.6 * 25.0 * 5. * 83. * 88. * 11. * E 0. * E 0.
RESERVOIR * MR00343 * K * ENNE * 105 13.4 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
CRYSTAL LAKE RES * WYU0002 * MIDDLE CROW CREE * I S * CITY OF CHEY * 41 9.5 * 36.0 * 7. * 69. * 75. * 5. * E 0. * E 0.
ERVOIR * MR00344 * K * ENNE * 105 11.8 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
UPPER VAN TASSEL * WYU0007 * NORTH CROW CREE * S * CITY OF CHEY * 41 14.9 * 18.0 * 9. * 80. * 85. * 4. * E 0. * E 0.
L RESERVOIR * MR00345 * * ENNE * 105 15.7 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
COUNTY NAME: LINCOLN FERC POWER SUPPLY AREA 31 FERC REGIONAL OFFICE CODE SF
*****
ELBOW * WYU0002 * GREYS RIVER * H * * * 42 58.0 * 254.0 * 350. * 331. * 331. * 310. * U 0. * U 0.
* NPW0492 * * * * 110 45.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
ALPINE * WYU0003 * SNAKE RIVER * HIN * * * 43 10.0 * 3486.0 * 4915. * 380. * 380. * 878. * U 0. * U 0.
* NPW0493 * * * * 110 58.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
SQUAW FLAT * WYU0005 * GREYS RIVER * H * * * 43 9.0 * 440.0 * 620. * 345. * 0. * 0. * U 0. * U 0.
* NPW0494 * * * * 111 0. * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
FIRE CREEK * WYU0006 * GREYS RIVER * H * * * 43 6.3 * 433.0 * 600. * 305. * 305. * 92. * U 0. * U 0.
* NPW0495 * * * * 110 54.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
PORCUPINE CREEK * WYU0007 * GREYS RIVER * H * * * 43 1.3 * 295.0 * 405. * 194. * 0. * 0. * U 0. * U 0.
* NPW0496 * * * * 110 48.3 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
SALT RIVER * WYU0008 * SALT RIVER OFFST * H * * * * * 43 9.5 * 890.0 * 702. * 60. * 20. * 0. * U 0. * U 0.
* NPW0497 * * * * * P AND L CO. * 110 3.5 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
STRAWBERRY * WYU0009 * STRAWBERRY CREEK * H * * * * * 42 45.0 * 16.0 * 49. * 450. * 0. * 0. * E 1.50 * E 8.0
* NPW0498 * * * * * PWR AND LGT * 110 51.0 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
LOWER AFTON * WYU0011 * SWIFT CREEK * H * * * * * 42 44.2 * 26.0 * 88. * 68. * 0. * 0. * U 0. * U 0.
* NPW0499 * * * * * P AND L CO. * 110 53.1 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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P R E L I M I N A R Y   E S T I M A T E S
P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   W Y O M I N G

(07/10/79)

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*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
*  IDENT  NAME OF STREAM  PROJ  *  LATITUDE  DRAINAGE  AVERAGE  NET  HEIGHT  MAXIMUM  *
PROJECT NAME  * NUMBER  OR RIVER  * PURP  *  OWNER  *  LONGITUDE  AREA  *  INFLOW  HEAD  *  DAM  *  STORAGE  CAPACITY  ENERGY
* (1) *      *      * (2) *      *      * (UM,M)  (SQ MI)  * (CFS)  * (FT)  * (FT)  * AC FT)  * (3)  * (3)
*****
COUNTY NAME: LINCOLN                FERC POWER SUPPLY AREA 31    FERC REGIONAL OFFICE CODE SF
*****
UPPER SWIFT      *WYU0012*SWIFT CREEK      *H      *  LOWER VALLEY * 42 44.5 *      26.0 *      88. * 193. * 0. * 0. *E      .80 *E      2.7
                *NPW0500*      *      *  P AND L CO. *110 52.3 *      *      *      *      *      *      *      *      *      *
                *      *      *      *      *      *      *      *      *      *      *      *      *      *
MARTEN CREEK    *WYU0023*GREYS RIVER    *H      *      42 44.3 *      94.0 *      130. * 650. * 0. * 0. *U      0. *U      0.
                *NPW0501*      *      *      110 41.0 *      *      *      *      *      *      *      *      *      *
                *      *      *      *      *      *      *      *      *      *      *      *      *      *
UPPER MEADOWS   *WYU0024*GREYS RIVER    *H      *      42 52.0 *      188.0 *      260. * 250. * 250. * 125. *U      0. *U      0.
                *NPW0502*      *      *      110 42.3 *      *      *      *      *      *      *      *      *      *
                *      *      *      *      *      *      *      *      *      *      *      *      *      *
AMESVILLE     *WYU0059*SALT RIVER      *H      *      43 8.0 *      874.0 *      70. * 280. * 280. * 0. *U      0. *U      0.
                *NPW0503*      *      *      111 2.0 *      *      *      *      *      *      *      *      *      *
                *      *      *      *      *      *      *      *      *      *      *      *      *      *
NARROWS         *WYU0060*SALT RIVER      *H      *      42 51.0 *      541.0 *      450. * 305. * 0. * 0. *U      0. *U      0.
                *NPW0504*      *      *      110 59.0 *      *      *      *      *      *      *      *      *      *
                *      *      *      *      *      *      *      *      *      *      *      *      *      *
CROW CREEK      *WYU0061*CROW AND SALT CR *HI *  DOI USBR * 42 40.0 *      148.0 *      73. * 250. * 250. * 27. *U      0. *U      0.
                *NPW0505*EEKS *      *      *      111 2.0 *      *      *      *      *      *      *      *      *      *
                *      *      *      *      *      *      *      *      *      *      *      *      *      *
COTTONWOOD LAKES *WYU0062*SALT RIVER OFFST *H *      *      42 41.0 *      44.0 *      60. * 1100. * 200. * 0. *U      0. *U      0.
                *NPW0506*REAM *      *      *      110 56.0 *      *      *      *      *      *      *      *      *      *
                *      *      *      *      *      *      *      *      *      *      *      *      *      *
BOCO-SPRING CREE *WYU0064*GREYS RIVER    *H      *      42 36.3 *      38.0 *      60. * 600. * 0. * 0. *U      0. *U      0.
K                *NPW0507*      *      *      110 40.0 *      *      *      *      *      *      *      *      *      *
                *      *      *      *      *      *      *      *      *      *      *      *      *      *
COKEVILLE POWER *WYU0084*BEAR RIVER      *H      *      42 5.0 *      0. *      439. * 210. * 0. * 0. *U      0. *U      0.
PLANT           *SPK0950*      *      *      110 57.0 *      *      *      *      *      *      *      *      *      *
                *      *      *      *      *      *      *      *      *      *      *      *      *      *
UTAH POWER + LIG *WY01281*HAMS FORK *H S D *UTAH POWER * 41 57.8 *      233.0 *      278. * 64. * 79. * 49. *E      0. *E      0.
HT CO HAMS FORK *SPK0933*      *      *  LIGHT CO *110 39.5 *      *      *      *      *      *      *      *      *      *
                *      *      *      *      *      *      *      *      *      *      *      *      *      *
KEMMER NO 1 RES *WY01282*HAMS FORK CREEK *O *  KEMMEREN WYO * 41 56.2 *      269.0 *      321. * 27. * 37. * 2. *E      0. *E      0.
                *SPK0934*      *      *      110 39.1 *      *      *      *      *      *      *      *      *      *
                *      *      *      *      *      *      *      *      *      *      *      *      *      *
FONTENELLE RESER *WY01389*GREEN RIVER *HCSRD *DOI USBR * 42 2.0 *      4280.0 *      1700. * 103. * 121. * 405. *E      10.00 *E      70.0
VOIR            *SPK0935*      *      *      110 4.0 *      *      *      *      *      *      *      *      *      *
                *      *      *      *      *      *      *      *      *      *      *      *      *      *
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 (3) - E=INSTALLED CAPACITY AND ENERGY   N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
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*****

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

(07/10/79)

*****												
PROJECT NAME	* IDENT * NUMBER * (1) *	* NAME OF STREAM OR RIVER	* PROJ* PURP * (2) *	* OWNER	*LATITUDE *LONGITUDE * (DM,M) *	* DRAINAGE AREA * (SQ MI) *	* AVERAGE ANNUAL INFLOW * (CFS) *	* NET POWER HEAD * (FT) *	* HEIGHT OF DAM * (FT) *	* MAXIMUM STORAGE (1000 AC FT) *	* CAPACITY (MW) (3) *	* ENERGY (GWH) (3) *
*****												
COUNTY NAME: NATRONA					FERC POWER SUPPLY AREA 31			FERC REGIONAL OFFICE CODE CH				
*****												
BESSEMER BEND	*WYU0047*	*NORTH PLATTE RIV*	*	*	* 42 43.2 *	* 15309.0 *	* 1288. *	* 135. *	* 135. *	* 572. *	* 0. *	* 0. *
	MR00346	*ER	*	*	* 106 32.2 *	*	*	*	*	* 76.05 *	* 170.7 *	
*****												
JOHNSON RES NO 1	*WY00235*	*MIDDLE CASPER CR*	*S H I*	*J L + I CO	* 43 .9 *	* 500.0 *	* 30. *	* 13. *	* 18. *	* 12. *	* 0. *	* 0. *
	MR00347	*OFFSTREAM	*	*	* 106 42.0 *	*	*	*	*	* .06 *	* 1 *	* .1
*****												
BATES CREEK RES	*WY00238*	*DRY FK BATES CR *	*I	*BATES CR RES*	* 42 29.5 *	* 34.0 *	* 11. *	* 20. *	* 25. *	* 9. *	* 0. *	* 0. *
	MR00348	*	*	* CO	* 106 13.2 *	*	*	*	*	* .05 *	* 1 *	* .1
*****												
A H COBB RES	*WY00243*	*POISON SPIDER CR*	*I	*A H COBB	* 42 50.3 *	* 127.0 *	* 35. *	* 23. *	* 28. *	* 8. *	* 0. *	* 0. *
	MR00349	*	*	*	* 106 46.6 *	*	*	*	*	* .30 *	* 4 *	* .4
*****												
LOWER SALT CREEK RES	*WY00883*	*SALT CREEK	*S O	*MIDWEST REFI*	* 43 29.0 *	* 539.0 *	* 71. *	* 38. *	* 43. *	* 4. *	* 0. *	* 0. *
	MR00350	*	*	* NING CO	* 106 17.6 *	*	*	*	*	* .81 *	* 1.8 *	
*****												
ALCOVA RESERVOIR	*WY01290*	*NORTH PLATTE RIV*	*IHR	*DOI USBR	* 42 32.9 *	* 10075.0 *	* 1502. *	* 170. *	* 175. *	* 185. *	* 36.00 *	* 124.0 *
	MR00351	*ER	*	*	* 106 43.1 *	*	*	*	*	* 44.11 *	* 53.4 *	
*****												
GRAY REEF RESERVOIR	*WY01292*	*NORTH PLATE RIVE*	*IR	*DOI USBR	* 42 33.8 *	* 14771.0 *	* 2202. *	* 26. *	* 30. *	* 2. *	* 0. *	* 0. *
	MR00352	*R	*	*	* 106 41.8 *	*	*	*	*	* 11.98 *	* 33.9 *	
*****												
PATHFINDER RESERVOIR	*WY01296*	*NORTH PLATTE RIV*	*IHR	*DOI USBR	* 42 28.1 *	* 10010.0 *	* 1492. *	* 195. *	* 200. *	* 1203. *	* 48.00 *	* 203.6 *
	MR00353	*ER	*	*	* 106 51.2 *	*	*	*	*	* 0. *	* 0. *	
*****												
COUNTY NAME: PARK					FERC POWER SUPPLY AREA 31			FERC REGIONAL OFFICE CODE CH				
*****												
HUNTER MTN DAM	*WYU0026*	*CLARKS FORD	*	*	* 44 54.0 *	* 204.0 *	* 350. *	* 187. *	* 208. *	* 130. *	* 0. *	* 0. *
	MR00354	*	*	*	* 109 41.4 *	*	*	*	*	* 17.71 *	* 37.7 *	
*****												
THIEF CREEK DAM	*WYU0027*	*THIEF CREEK	*	*	* 44 49.8 *	* 484.0 *	* 670. *	* 329. *	* 343. *	* 200. *	* 0. *	* 0. *
	MR00355	*	*	*	* 109 28.4 *	*	*	*	*	* 37.76 *	* 80.6 *	
*****												
BALD RIDGE	*WYU0055*	*CLARKS FORK CREE*	*	*	* 44 50.0 *	* 746.0 *	* 755. *	* 390. *	* 442. *	* 18. *	* 0. *	* 0. *
	MR00356	*K	*	*	* 109 17.0 *	*	*	*	*	* 94.01 *	* 164.8 *	
*****												

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLO * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: PLATTE FERC POWER SUPPLY AREA 27 FERC REGIONAL OFFICE CODE CH
*****
GLEND0 RESERVOIR * WY01485 * NORTH PLATTE OFF * ICHR * DOI USBR * 42 28.0 * 19504.0 * 2257. * 42. * 47. * 1124. * E 0. * E 0.
* MR00368 * STREAM * * * * 104 58.0 * * * * * * * N 25.73 * N 65.7
*****
COUNTY NAME: SHERIDAN FERC POWER SUPPLY AREA 31 FERC REGIONAL OFFICE CODE CH
*****
SOUTH FORK RESER * WY00030 * TONGUE RIVER * * * * 44 48.0 * 150.0 * 140. * 470. * 500. * 50. * U 0. * U 0.
VOIR * MR00369 * * * * * 107 28.1 * * * * * * * T 23.95 * T 44.1
* * * * * * * * * * * * * * * * * * * * * * *
GOOSE CREEK RES * WY00078 * GOOSE CREEK * YELL * * * * 44 42.0 * 102.0 * 80. * 570. * 1890. * 39. * U 0. * U 0.
* MR00374 * DOWSTONE * * * * * 107 11.0 * * * * * * * T 18.73 * T 25.6
* * * * * * * * * * * * * * * * * * * * * * *
ROCKWOOD * WY00080 * TONGUE RIVER * * * * 44 50.0 * 182.0 * 150. * 2260. * 2260. * 31. * U 0. * U 0.
* MR00371 * * * * * 107 21.0 * * * * * * * T 139.75 * T 257.2
* * * * * * * * * * * * * * * * * * * * * * *
BIG GOOSE PARK R * WY00462 * EAST FA BIG GOOSE * I * PARK RES CO * 44 34.2 * 21.0 * 29. * 70. * 75. * 12. * E 0. * E 0.
ES * MR00372 * E CR * * * * * 107 13.0 * * * * * * * N .61 * N 1.4
* * * * * * * * * * * * * * * * * * * * * * *
PARK * WY01342 * BIG GOOSE CREEK * ID * PARK RESERVO * 44 34.2 * 21.0 * 29. * 75. * 80. * 13. * E .60 * E 2.0
* MR00373 * * * * * 107 12.7 * * * * * * * N 0. * N 0.
*****
COUNTY NAME: SUBLETTE FERC POWER SUPPLY AREA 31 FERC REGIONAL OFFICE CODE SF
*****
BURNT LAKE * WY00068 * FALL CREEK * HI * * * * 42 52.0 * 39.0 * 85. * 627. * 0. * 25. * U 0. * U 0.
* SPK0936 * * * * * 109 39.0 * * * * * * * T 3.78 * T 10.4
* * * * * * * * * * * * * * * * * * * * * * *
WILLOW LAKE * WY01192 * LAKE CREEK * I S P * BINNING BAYE * 42 59.5 * 33.0 * 55. * 14. * 18. * 32. * E 0. * E 0.
* SPK0938 * * * * * 109 54.5 * * * * * * * N .24 * N .4
* * * * * * * * * * * * * * * * * * * * * * *
BOULDER LAKE RES * WY01195 * BOULDER CREEK * ISPRD * BOULDER IRR * 42 50.2 * 94.0 * 204. * 130. * 22. * 30. * E 0. * E 0.
* SPK0939 * * * * * 109 42.4 * * * * * * * N 3.09 * N 6.8
* * * * * * * * * * * * * * * * * * * * * * *
NEW FORK LAKE R * WY01232 * W FORK NEW FORK * I * NEW FORK LAK * 43 5.1 * 36.0 * 80. * 160. * 13. * 27. * E 0. * E 0.
S * SPK0940 * RIVER * * * * * 109 58.0 * * * * * * * N 2.59 * N 4.5
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*****

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

(07/10/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SUBLETTE FERC POWER SUPPLY AREA 31 FERC REGIONAL OFFICE CODE SF
*****
SIXTY-SEVEN RES *Y01275*SPRING CREEK OFF I P *BAR CROSS LA* 42 35.4 * 87.0* 88.* 23.* 30.* 7.*E 0.*E 0.
*SPK0941*STREAM *ND + LIVE D*110 12.5 * * * * *N .47RN 1.2
MIDDLE PINEY RES *Y01276*MIDDLE PINEY CRE I S *CLIFTON + KE* 42 36.2 * 6.0* 14.* 18.* 23.* 5.*E 0.*E 0.
*SPK0942*EK *NNETH FEAR H*110 34.0 * * * * *N .06RN .1
PINEDALE POWER P *Y00000*PINE CREEK *H *PINEDALE PWR* 42 53.5 * 200.0* 231.* 80.* 0.* 0.*E .08E .2
LANT *SPK0943* *AND LIGHT C*109 51.0 * * * * *N 3.53RN 8.4
*****
COUNTY NAME: SWEETWATER FERC POWER SUPPLY AREA 31 FERC REGIONAL OFFICE CODE SF
*****
BUSH CREEK RES *Y01149*BUSH CREEK *I S *BLAIR + HAY * 42 8.0 * 78.0* 77.* 15.* 20.* 28.*E 0.*E 0.
JOHN HAY RES) *SPK0945* *LAND + LIVE *108 29.5 * * * * *N .25RN .6
BIG SANDY RESERV *Y01367*BIG SANDY CREEK *IR *DO1 USBR * 42 14.9 * 439.0* 90.* 58.* 63.* 54.*E 0.*E 0.
OIR *SPK0946* * * * * *N 1.70RN 4.0
EDEN RESERVOIR *Y01368*LITTLE SANDY CRE I *DUI USBR * 42 13.6 * 170.0* 18.* 12.* 15.* 8.*E 0.*E 0.
*SPK0947*EK OFFSTREAM * * * * *N .14RN .3
*****
COUNTY NAME: TETON FERC POWER SUPPLY AREA 31 FERC REGIONAL OFFICE CODE SF
*****
GRANITE CREEK *Y00001*HOBACK RIVER *H * * 43 17.0 * 456.0* 590.* 300.* 300.* 403.*U 0.*U 0.
*NPH0508* * * * * *T 56.48T 123.6
FLAG RANCH *Y00004*SNAKE RIVER *HR * * 44 4.2 * 465.0* 740.* 200.* 200.* 0.*U 0.*U 0.
*NPH0509* * * * * *T 33.00T 175.2
BECHLER MEADOWS *Y00010*FALLS *H * * 44 8.3 * 261.0* 465.* 200.* 0.* 0.*U 0.*U 0.
*NPH0510* * * * * *T 33.59T 89.9
WHETSTONE CREEK *Y00013*PACIFIC CREEK *H * * 43 57.0 * 127.0* 200.* 400.* 150.* 0.*U 0.*U 0.
*NPH0511* * * * * *T 36.27T 55.1
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P O T E N T I A L   H Y D R O P O W E R   S I T E S
I N   T H E   S T A T E   O F   W Y O M I N G

(07/10/79)

*****												
PROJECT NAME	* IDENT * * NUMBER * * (1) *	NAME OF STREAM OR RIVER	* PROJ * * PURP * * (2) *	OWNER	*LATITUDE * *LONGITUDE* * (DM,M) *	* DRAINAGE * * AREA * * (SQ MI) *	* AVERAGE * * ANNUAL * * INFLOW * * (CFS) *	* NET * * POWER * * HEAD * * (FT) *	* HEIGHT * * OF * * DAM * * (FT) *	* MAXIMUM * * STORAGE * * (1000 * * AC FT) *	* CAPACITY * * (MW) * * (3) *	* ENERGY * * (GWH) * * (3) *
*****												
COUNTY NAME: TETON					FERC POWER SUPPLY AREA 31			FERC REGIONAL OFFICE CODE SF				
*****												
BEAR CUB PASS	*WYU0014*	BUFFALO FORK	*H *		* 43 51.0 *	126.0*	205.*	800.*	0.*	0.*	0.*	0.*
	NPH0512		* * *		*110 14.0 *					*T	55.95*T	116.5
SPREAD CREEK	*WYU0015*	SPREAD CREEK	*H *		* 43 45.0 *	45.0*	160.*	550.*	305.*	325.*	0.*	0.*
	NPH0513		* * *		*110 39.0 *					*T	37.30*T	56.6
BLACK ROCK	*WYU0016*	BUFFALO FORK	*H *		* 43 50.0 *	378.0*	450.*	260.*	0.*	0.*	0.*	0.*
	NPH0514		* * *		*110 21.0 *					*T	48.54*T	107.0
UPPER COTTONWOOD	*WYU0017*	GROS VENTRE	*H *		* 43 33.0 *	390.0*	310.*	400.*	0.*	0.*	0.*	0.*
	NPH0515		* * *		*110 17.0 *					*T	35.67*T	80.5
RED HILLS	*WYU0018*	GROS VENTRE	*H *		* 43 37.0 *	589.0*	470.*	350.*	0.*	0.*	0.*	0.*
	NPH0516		* * *		*110 25.0 *					*T	48.72*T	107.5
SLIDE LAKE	*WYU0019*	GROS VENTRE	*H *		* 43 38.0 *	614.0*	490.*	350.*	0.*	0.*	0.*	0.*
	NPH0517		* * *		*110 35.3 *					*T	51.33*T	112.5
JACKSON HOLE	*WYU0020*	SNAKE RIVER	*H *		* 43 24.0 *	2100.0*	3000.*	600.*	0.*	0.*	0.*	0.*
	NPH0518		* * *		*110 45.0 *					*T	750.58*T	1560.1
KERRS RANCH	*WYU0021*	HOBACK	*H *		* 43 12.0 *	188.0*	242.*	400.*	0.*	0.*	0.*	0.*
	NPH0519		* * *		*110 24.0 *					*T	29.44*T	66.9
RAMSHORN	*WYU0022*	HOBACK RIVER	*H *		* 43 17.3 *	484.0*	675.*	185.*	0.*	0.*	0.*	0.*
	NPH0520		* * *		*110 38.0 *					*T	36.97*T	80.9
TETON CREEK C-C	*WYU0057*	TETON CREEK	*HI *	*CUI USBF	* 43 45.3 *	33.0*	95.*	80.*	80.*	7.*	0.*	0.*
	NPH0521		* * *		*110 57.0 *					*T	1.16*T	5.1
COLONADE	*WYU0058*	BECHLER RIVER	*H *		* 44 13.0 *	25.0*	40.*	800.*	0.*	0.*	0.*	0.*
	NPH0522		* * *		*110 59.0 *					*T	2.57*T	6.9
CAMP DAVIS	*WYU0065*	HOBACK RIVER	*H *		* 43 18.3 *	570.0*	740.*	95.*	100.*	0.*	0.*	0.*
	NPH0523		* * *		*110 41.0 *					*T	22.36*T	48.9
	*		* * *		* * *					* * *		
*****												
L E G E N D												

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(07/10/79)

PROJECT NAME	* IDENT NUMBER *	* NAME OF STREAM OR RIVER *	* PROJ PURP *	* OWNER *	* LATITUDE * * LONGITUDE *	* DRAINAGE AREA * * (SQ MI) *	* AVERAGE ANNUAL INFLOW * * (CFS) *	* NET POWER OF HEAD * * (FT) *	* HEIGHT OF DAM * * (FT) *	* MAXIMUM STORAGE * * (1000 AC FT) *	* CAPACITY (MW) * * (3) *	* ENERGY (GWH) * * (3) *
***** COUNTY NAME: TETON ***** FERC POWER SUPPLY AREA 31 ***** FERC REGIONAL OFFICE CODE SF *****												
PHELPS LAKE	*WYU0066*	DEATH OPEN GRANI	H	*	* 43 37.3 *	24.0*	40.*	1135.*	0.*	0.*	0.*	0.*
	NPW0524	TE CREEKS	*	*	* 110 46.0 *	*	*	*	*	*T	19.43*T	27.7
NOWLIN CREEK	*WYU0067*	FLAT CREEK	H	*	* 43 31.0 *	60.0*	46.*	600.*	100.*	0.*	0.*	0.*
	NPW0525	*	*	*	* 110 41.0 *	*	*	*	*	*T	25.68*T	36.6
KINKY CREEK	*WYU0068*	GROS VENTRE RIVE	H	*	* 43 27.3 *	73.0*	60.*	600.*	0.*	0.*	0.*	0.*
	NPW0526	R	*	*	* 110 9.0 *	*	*	*	*	*T	8.00*T	21.0
JENNY LAKE	*WYU0069*	CASCADE CREEK	H	*	* 43 46.0 *	24.0*	40.*	1220.*	0.*	0.*	0.*	0.*
	NPW0527	*	*	*	* 110 44.3 *	*	*	*	*	*T	20.88*T	29.8
JOY CREEK	*WYU0070*	NORTH FORK BUFFA	H	*	* 43 52.0 *	40.0*	65.*	800.*	0.*	0.*	0.*	0.*
	NPW0528	LD FGCK	*	*	* 110 14.0 *	*	*	*	*	*T	22.25*T	40.2
MORAN BAY	*WYU0071*	SNAKE RIVER	H	*	* 43 51.5 *	28.0*	50.*	1200.*	0.*	0.*	0.*	0.*
	NPW0529	*	*	*	* 110 45.2 *	*	*	*	*	*T	23.97*T	34.2
LEWIS LAKE	*WYU0072*	LEWIS RIVER	H	*	* 44 17.0 *	147.0*	240.*	780.*	0.*	0.*	0.*	0.*
	NPW0530	*	*	*	* 110 39.0 *	*	*	*	*	*T	73.78*T	197.6
RED CREEK	*WYU0073*	SNAKE RIVER	H	*	* 44 10.0 *	141.0*	230.*	150.*	0.*	0.*	0.*	0.*
	NPW0531	*	*	*	* 110 34.0 *	*	*	*	*	*T	10.06*T	27.4
BASIN CREEK	*WYU0074*	SNAKE RIVER	H	*	* 44 10.0 *	117.0*	190.*	250.*	0.*	0.*	0.*	0.*
	NPW0532	*	*	*	* 110 29.3 *	*	*	*	*	*T	22.07*T	43.8
BARLOW PEAK	*WYU0075*	FOX CREEK	H	*	* 44 12.0 *	57.0*	95.*	480.*	80.*	0.*	0.*	0.*
	NPW0533	*	*	*	* 110 25.0 *	*	*	*	*	*T	20.65*T	41.0
GRASSY LAKE	*WYO1384*	GRASSY CREEK	I	*DOI US BR	* 44 7.8 *	10.0*	15.*	200.*	103.*	16.*E	0.*E	0.*
	NPW0534	*	*	*	* 110 49.1 *	*	*	*	*	*N	1.28*N	1.9
JACKSON LAKE	*WYO1385*	SNAKE RIVER	I	*DOI USBR	* 43 52.0 *	1371.0*	0.*	200.*	200.*	873.*E	0.*E	0.*
	NPW0535	*	*	*	* 110 36.0 *	*	*	*	*	*N	33.00*N	175.2

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

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

(07/10/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ*          * LATITUDE * DRAINAGE* ANNUAL * NET * HEIGHT* MAXIMUM*
PROJECT NAME * NUMBER*   OR RIVER   * PURP*   OWNER * LONGITUDE* AREA * INFLW * HEAD * DAM * STORAGE* CAPACITY* ENERGY
* (1)    *              * (2)    *          * (DM,M)  * (SQ MI) * (CFS)  * (FT) * (FT) * AC FT) * (3)  * (3)
*****
COUNTY NAME: UINTA                                FERC POWER SUPPLY AREA 31    FERC REGIONAL OFFICE CODE 9F
*****
*          *          *          *          *          *          *          *          *          *
SULPHUR CREEK RE*WY01196*SULPHUR CREEK *I S P*SULPHUR CREE* 41 9.2 *      69.0*      28.*      36.*      48.*      9.*E      0.*E      0.
S              *SPK0948*          *      *K RES CO *110 49.8 *          *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *
WOODRUFF NARROWS*WY01197*BEAR RIVER   *I S P*WOODRUFF NAR* 41 30.3 *     784.0*     250.*     784.*     55.*     36.*E     0.*E     0.
RES              *SPK0949*          *      *ROWS RES CO *111  .9 *          *          *          *          *          *          *
*          *          *          *          *          *          *          *          *          *
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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,
(2)   O=DEBRIS CONTROL, P=FARM POND, Q=OTHER
(3) - E=INSTALLED CAPACITY AND ENERGY   N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
(3) - U=INSTALLED CAPACITY AND ENERGY   T=TOTAL POTENTIAL CAPACITY AND ENERGY   (FOR UNDEVELOPED SITES)

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APPENDIX II

U.S. ARMY CORPS OF ENGINEERS

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

DESCRIPTION OF TERMS

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

DESCRIPTION OF TERMS

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

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

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

CAPACITY: The load for which a generating unit, generating station, or other 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

DIVISION AND DISTRICT REPRESENTATIVES

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