NATIONAL HYDROELECTRIC POWER RESOURCES STUDY PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

MASTER

Volume 2

Pacific

HAWAII

NEVADA

UTAH

CALIFORNIA

ARIZONA

Southwest Region

IWR

HEC

JULY 1979

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

PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

VOLUME 2: PACIFIC SOUTHWEST REGION

JULY 1979

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

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PRELIMINARY INVENTORY OF HYDROPOWER RESOURCES

INTRODUCTION

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

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

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

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

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

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

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

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

PURPOSE AND SCOPE

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

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

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

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

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

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

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

METHODS OF STUDY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

RESOURCE ASSESSMENT

National Potential

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

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

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

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

TABLE 1. PRELIMINARY INVENTORY OF HYDROELECTRIC POWER RESOURCES

REGIONAL SUMMARIES

REGION	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Vol. 1																
Pacific N. West																
No. of Sites	93	282	745	1,120	13	36	208	257	73	83	896	1,052	179	401	1,849	2,429
Cap. (MW)	430	642	3,702	4,774	234	700	4,069	5,003	26,141	31,919	259,709	317,769	26,804	33,262	267,480	327,546
Ener (GWH)	2,441	2,234	16,390	21,065	1,216	1,943	14,738	17,897	130,365	33,999	673,918	838,282	134,022	38,175	705,045	877,242
Vol. 2																
Pacific S. West																
No. of Sites	111	354	272	737	9	17	26	52	69	43	110	222	189	414	408	1,011
Cap. (MW)	410	574	632	1,616	171	345	509	1,025	9,347	5,109	16,043	30,499	9,928	6,028	17,184	33,140
Ener (GWH)	2,176	1,569	1,640	5,385	837	550	1,059	2,446	37,311	8,729	31,877	77,917	40,325	10,849	34,577	85,751
Vol. 3																
Mid-Continent																
No. of Sites	54	779	666	1,499	11	15	63	89	44	59	234	337	109	853	963	1,925
Cap. (MW)	184	850	1,182	2,216	218	317	1,311	1,846	6,087	6,589	27,376	40,052	6,488	7,758	29,868	44,114
Ener (GWH)	1,372	2,138	3,074	6,584	1,006	524	3,142	4,672	22,403	2,481	64,274	99,158	24,781	15,144	70,491	110,416
Vol. 4																
Lake Central																
No. of Sites	204	601	551	1,356	10	43	16	69	17	88	59	164	231	732	626	1,589
Cap. (MW)	734	914	926	2,574	180	875	319	1,374	1,689	4,038	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)	235	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.

Pacific Southwest

The estimates of existing, incremental and the undeveloped hydropower potential for all states in the various regions of the country are presented in Table 2. In the Pacific Southwest region, the maximum physical potential for all sites exceeds 33,000 MW of capacity with an estimated average annual energy greater than 85,000 GWH. By comparison, these values represent about 6 percent of the total potential capacity and hydroelectric energy generation estimated for the entire United States.

Of the total capacity estimated for the region, 9,900 MW has been installed. The remainder (23,200 MW) is the maximum which could be developed by upgrading and expanding existing projects (6,000 MW), and by installing new hydroelectric power capacity at all potentially feasible, undeveloped sites (17,200 MW). Small-scale facilities account for less than 4 percent of the region's total installed capacity, but another 600 MW could be added to these and other small water resource projects. In addition, 600 MW could be installed at potentially feasible, undeveloped small-scale sites. The small-scale resource varies considerably, with the states of California and Utah having the largest potential for incremental development at existing projects in the Pacific Southwest 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	20	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	346	3,592	4,230	83,498	19,499	68,486	171,483	84,538	20,631	75,383	180,552
Region Total																
No. of Sites	93	282	745	1,120	13	36	208	257	73	83	896	1,052	135	401	1,849	2,429
Cap. (MW)	430	642	3,702	4,774	234	700	4,069	5,003	26,141	31,919	259,709	317,769	26,804	33,262	267,480	327,546
Ener (GWH)	2,441	2,234	16,390	21,065	1,216	1,943	14,738	17,897	130,365	33,999	673,918	838,282	134,022	38,175	705,045	877,242

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

VOL 2: PACIFIC SOUTHWEST

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

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

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Colorado																
No. of Sites	10	167	53	230	1	2	19	22	5	4	79	88	16	173	151	340
Cap. (MW)	49	229	177	455	22	39	419	480	330	1,325	6,477	8,132	401	1,593	7,072	9,066
Ener (GWH)	275	660	423	1,358	70	79	889	1,038	1,264	2,644	13,515	17,423	1,609	3,383	14,827	19,819
Kansas																
No. of Sites	1	64	184	249	0	1	0	1	0	3	6	9	1	68	190	259
Cap. (MW)	2	61	183	245	0	18	0	18	0	141	296	437	2	220	480	702
Ener (GWH)	10	117	382	509	0	38	0	38	0	229	508	737	10	384	890	1,284
Montana																
No. of Sites	7	69	43	119	1	2	10	13	12	17	81	110	20	88	134	242
Cap. (MW)	29	140	176	345	17	43	189	249	2,372	2,148	14,948	19,468	2,418	2,332	15,313	20,063
Ener (GWH)	642	350	500	1,492	111	83	528	722	8,969	4,761	38,321	52,051	9,722	5,195	39,348	54,265
Nebraska																
No. of Sites	11	39	19	69	3	1	4	8	2	1	0	3	16	41	23	80
Cap. (MW)	16	37	30	83	54	21	82	157	66	37	0	103	136	94	112	342
Ener (GWH)	50	121	139	310	300	43	320	663	216	160	0	376	566	323	459	1,348
New Mexico																
No. of Sites	0	26	44	70	1	1	0	2	0	4	3	7	1	31	47	79
Cap. (MW)	0	55	46	101	24	24	0	48	0	207	359	566	24	286	404	714
Ener (GWH)	0	144	120	264	96	49	0	145	0	469	1,101	1,570	96	662	1,221	1,979
N. Dakota																
No. of Sites	0	44	2	46	0	0	0	0	1	1	0	2	1	45	2	48
Cap. (MW)	0	21	10	31	0	0	0	0	430	303	0	733	430	324	10	764
Ener (GWH)	0	45	18	63	0	0	0	0	2,400	568	0	2,968	2,400	612	18	3,030

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

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

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

STATE	EXISTING, ¹ POTENTIAL INCREMENTAL ² AND UNDEVELOPED ³ CAPACITY RANGES												TOTAL			
	Small-Scale (.05-15 MW)				Intermediate (15-25 MW)				Large-Scale (Greater Than 25 MW)				(All Sizes)			
	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total	Exist	Incre	Undev	Total
Illinois																
No. of Sites	16	39	230	285	0	8	0	8	1	7	2	10	17	54	232	303
Cap. (MW)	100	52	169	321	0	145	0	145	32	533	89	654	132	730	259	1121
Ener (GWH)	569	109	411	1,089	0	347	0	347	15	1,750	178	1943	584	2,206	589	3,379
Indiana																
No. of Sites	4	30	45	79	0	2	0	2	0	0	3	3	4	32	48	84
Cap. (MW)	28	58	61	147	0	37	0	37	0	0	383	383	28	96	444	568
Ener (GWH)	98	189	162	449	0	90	0	90	0	0	816	816	98	279	978	1,355
Iowa																
No. of Sites	3	25	37	65	0	1	0	1	1	12	3	16	4	38	40	82
Cap. (MW)	7	28	67	102	0	21	0	21	128	1,058	190	1,386	135	1,117	257	1,509
Ener (GWH)	36	81	200	317	0	39	0	39	805	3,468	408	4,681	841	3,588	608	5,037
Kentucky																
No. of Sites	0	52	23	75	0	2	0	2	4	30	10	44	4	84	33	121
Cap. (MW)	0	64	51	115	0	48	0	48	636	9,159	3,985	13,780	636	9,271	4,036	13,943
Ener (GWH)	0	183	121	304	0	88	0	88	2,259	24,547	11,697	38,503	2,259	24,818	11,819	38,896
Michigan																
No. of Sites	86	136	0	222	3	6	0	9	3	4	0	7	92	146	0	238
Cap. (MW)	283	303	0	586	52	121	0	173	151	709	0	860	486	1,133	0	1,619
Ener (GWH)	1,145	1,238	0	2,383	312	399	0	711	438	2,735	0	3,173	1,895	4,371	0	6,266
Minnesota																
No. of Sites	18	97	45	160	0	5	6	11	1	12	17	30	19	114	68	201
Cap. (MW)	91	63	146	300	0	100	125	225	67	825	755	1,647	158	989	1,027	2,174
Ener (GWH)	536	191	492	1,219	0	288	314	602	318	1,868	1,602	3,788	854	2,346	2,408	5,608

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

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

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

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

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

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

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

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

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

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

Arizona, California, Hawaii, Nevada and Utah

STATE OF ARIZONA

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

POTENTIAL INCREMENTAL CAPACITY RANGES																			
I N F E T		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL					
E V T		EXIST* EXIST* UNDEV* TOTAL**				EXIST* EXIST* UNDEV* TOTAL**				EXIST* EXIST* UNDEV* TOTAL**				EXIST* EXIST* UNDEV* TOTAL**					
T E N H		INST* INCR* POTEN* INCR**				INST* INCR* POTEN* INCR**				INST* INCR* POTEN* INCR**				INST* INCR* POTEN* INCR**					
		1 CAP* 2 CAP* 3 CAP* 4 CAP**				1 CAP* 2 CAP* 3 CAP* 4 CAP**				1 CAP* 2 CAP* 3 CAP* 4 CAP**				1 CAP* 2 CAP* 3 CAP* 4 CAP**					
0-19		NUMBER*	0*	2*	0*	2*	0*	0*	0*	0*	0*	1*	0*	1*	0*	3*	0*	3*	
		CAPCTY*	0.0*	0.5*	0.0*	0.5*	0.0*	0.0*	0.0*	0.0*	0.0*	44.8*	0.0*	44.8*	0.0*	45.3*	0.0*	45.3*	
		ENERGY*	0.0*	0.5*	0.0*	0.5*	0.0*	0.0*	0.0*	0.0*	0.0*	194*	0.0*	194*	0.0*	194*	0.0*	194*	
20-49		NUMBER*	0*	7*	3*	10*	0*	0*	0*	0*	0*	0*	0*	0*	0*	7*	3*	10*	
		CAPCTY*	0.0*	0.9*	0.5*	1.4*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.9*	0.5*	1.4*	
		ENERGY*	0.0*	2.4*	0.6*	3.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	2.4*	0.6*	3.0*	
50-99		NUMBER*	1*	12*	20*	32*	0*	0*	0*	0*	1*	1*	0*	1*	2*	13*	20*	33*	
		CAPCTY*	10.3*	3.3*	4.8*	8.1*	0.0*	0.0*	0.0*	0.0*	120*	43.0*	0.0*	43.0*	130*	46.3*	4.8*	51.2*	
		ENERGY*	43.0*	4.7*	8.7*	13.5*	0.0*	0.0*	0.0*	0.0*	660*	31.0*	0.0*	31.0*	703*	35.8*	8.7*	44.6*	
>100		NUMBER*	3*	6*	14*	20*	0*	0*	0*	0*	4*	1*	0*	1*	7*	7*	14*	21*	
		CAPCTY*	21.6*	28.9*	7.4*	36.3*	0.0*	0.0*	0.0*	0.0*	1254*	34.0*	0.0*	34.0*	1276*	63.0*	7.4*	70.4*	
		ENERGY*	62.4*	126*	9.7*	136*	0.0*	0.0*	0.0*	0.0*	5249*	36.1*	0.0*	36.1*	5362*	162*	9.7*	172*	
TOTAL		NUMBER*	4*	27*	37*	64*	0*	0*	0*	0*	5*	3*	0*	3*	9*	30*	37*	67*	
		CAPCTY*	32.0*	33.7*	12.7*	46.5*	0.0*	0.0*	0.0*	0.0*	1374*	122*	0.0*	122*	1406*	156*	12.7*	168*	
		ENERGY*	105*	134*	19.1*	153*	0.0*	0.0*	0.0*	0.0*	5959*	261*	0.0*	261*	6064*	395*	19.1*	414*	

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 A R I Z O 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 * * DAM *	* MAXIMUM * * (1000 * * AC FT) *	* CAPACITY * * (MW) *	* ENERGY * * (GWH) *
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)		(3)	(3)

COUNTY NAME: APACHE												

INDIAN HILL	* AZU1029 *	* LITTLE COLORADO *	* O *	* ARIZ GAME *	* 34 31.8 *	* 960.0 *	* 27. *	* 31. *	* 42. *	* 4. *	* U 0. *	* U 0. *
	* SPL0001 *			* FISH *	* 109 21.0 *						* T .27 *	* T .4
LYMAN LAKE	* AZ00004 *	* LITTLE COLORADO *	* IR *	* LYMAN WATER *	* 34 21.9 *	* 790.0 *	* 22. *	* 59. *	* 80. *	* 30. *	* E 0. *	* E 0. *
	* SPL0002 *			* COMPANY *	* 109 23.0 *						* N .42 *	* N .6
RESERVATION (LAK E)	* AZ10425 *	* RESERVATION CREE *	* R *	* WHITE MTN AP *	* 33 50.4 *	* 7.0 *	* 4. *	* 35. *	* 47. *	* 6. *	* E 0. *	* E 0. *
	* SPL0003 *	* K *		* ACHE TRIBE *	* 109 30.0 *						* N .05 *	* N .1
SUNRISE LAKE	* AZ10432 *	* TN WHITE RIVER *	* R *	* WHITE MTN AP *	* 34 .6 *	* 8.0 *	* 4. *	* 33. *	* 45. *	* 15. *	* E 0. *	* E 0. *
	* SPL0004 *			* ACHE TRIBE *	* 109 33.8 *						* N .06 *	* N .1

COUNTY NAME: COCHISE												

BABOCONARI	* AZU1017 *	* BABOCONARI *	* O *	* ARIZ GAME *	* 31 41.8 *	* 283.0 *	* 11. *	* 74. *	* 100. *	* 13. *	* U 0. *	* U 0. *
	* SPL0005 *			* FISH *	* 110 12.0 *						* T .16 *	* T .4
EMERALD	* AZU1018 *	* SAN PEDRO *	* O *	* ARIZ GAME *	* 31 42.0 *	* 31.0 *	* 9. *	* 41. *	* 56. *	* 2. *	* U 0. *	* U 0. *
	* SPL0006 *			* FISH *	* 110 6.0 *						* T .14 *	* T .2

COUNTY NAME: COCONINO												

JACKS CANYON	* AZU0005 *	* JACKS CANYON *	* O *	* ARIZ GAME *	* 34 42.0 *	* 99.0 *	* 23. *	* 96. *	* 130. *	* 3. *	* U 0. *	* U 0. *
	* SPL0007 *			* FISH *	* 111 6.0 *						* T .51 *	* T .7
CHEVELON	* AZU0006 *	* CHEVELON *	* O *	* ARIZ GAME *	* 34 30.3 *	* 88.0 *	* 21. *	* 129. *	* 175. *	* 35. *	* U 0. *	* U 0. *
	* SPL0008 *			* FISH *	* 110 49.7 *						* T .58 *	* T .8
BEAVER CANYON	* AZU1027 *	* BEAVER *	* O *	* ARIZ GAME *	* 34 24.5 *	* 4.0 *	* 2. *	* 81. *	* 110. *	* 6. *	* U 0. *	* U 0. *
	* SPL0009 *			* FISH *	* 111 0. *						* T .06 *	* T .1
PINE FLAT	* AZU1030 *	* BEAR CANYON *	* O *	* ARIZ GAME *	* 35 0. *	* 30.0 *	* 9. *	* 52. *	* 70. *	* 26. *	* U 0. *	* U 0. *
	* SPL0010 *			* FISH *	* 112 13.6 *						* T .19 *	* T .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,
 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 A R I Z O 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) *	* ENERGY * * (GWH) *

COUNTY NAME: COCONINO					FERC POWER SUPPLY AREA 48			FERC REGIONAL OFFICE CODE SF				

LOWER LAKE MARY	*AZ00015*	*WALNUT CREEK	*SR	*CITY OF FLAG	*35 6.7 *	*119.0*	*27.*	*38.*	*45.*	*9.*E	*0.*E	*0.*
	SPL0011			*STAFF	*111 35.0 *					*N	*.17*N	*.4
BLUE RIDGE RESERVOIR	*AZ00021*	*EAST CLEAR CREEK	*OR	*PHELPS DODGE	*34 33.3 *	*71.0*	*11.*	*130.*	*167.*	*20.*E	*2.40*	*9.8
	SPL0012			*CORPORATION	*111 11.0 *					*N	*0.*N	*0.*
CHEVELON CANYON LAKE	*AZ00046*	*CHEVELON CREEK	*R	*ARIZ. GAME	*34 30.7 *	*88.0*	*21.*	*80.*	*108.*	*10.*E	*0.*E	*0.*
	SPL0013			*FISH DEPT.	*110 49.4 *					*N	*.75*N	*.7
WILLOW SPRINGS LAKE	*AZ00088*	*WILLOW SPRINGS	*R	*ARIZONA GAME	*34 18.4 *	*5.0*	*1.*	*62.*	*80.*	*5.*E	*0.*E	*0.*
	SPL0014			*FISH	*110 52.6 *					*N	*.06*N	*.1
(LAKE POWELL) GLEN CANYON	*AZ10307*	*COLORADO RIVER	*MCSRO	*DUI USBR	*36 56.2 *	*111700.0*	*17850.*	*480.*	*579.*	*28820.*E	*950.00*	*E4000.0
	SPL0015				*111 29.0 *					*N	*0.*N	*0.*

COUNTY NAME: GILA					FERC POWER SUPPLY AREA 48			FERC REGIONAL OFFICE CODE SF				

HOUSTON	*AZU1013*	*HOUSTON CR	*O	*ARIZ GAME	*34 12.8 *	*34.0*	*5.*	*111.*	*150.*	*6.*U	*0.*U	*0.*
	SPL0016			*FISH	*111 14.8 *					*T	*.10*T	*.2
SPRING CREEK	*AZU1014*	*SPRING CREEK	*O	*ARIZ GAME	*34 7.3 *	*150.0*	*35.*	*111.*	*150.*	*36.*U	*0.*U	*0.*
	SPL0017			*FISH	*111 6.0 *					*T	*1.67*T	*1.7
MINERAL CREEK CH DAM	*AZ00006*	*MINERAL CREEK	*C	*KENNECOTT CO	*33 13.2 *	*92.0*	*28.*	*133.*	*162.*	*11.*E	*0.*E	*0.*
	SPL0018			*PPER CORP.	*110 59.6 *					*N	*1.32*N	*1.8
BARTLETT RESERVOIR	*AZ10308*	*VERDE RIVER	*IR	*DOI USBR	*33 49.1 *	*6185.0*	*500.*	*160.*	*194.*	*195.*E	*0.*E	*0.*
	SPL0019				*111 37.9 *					*N	*11.99*N	*35.7
THEODORE ROOSEVELT LAKE	*AZ10317*	*SALT RIVER	*OHR	*DOI USBR	*33 40.0 *	*5760.0*	*850.*	*199.*	*244.*	*1555.*E	*36.02*	*E96.1
	SPL0020				*111 10.0 *					*N	*34.07*N	*36.1

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 A R I Z O N A

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME. * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: GRAHAM FERC POWER SUPPLY AREA 48 FERC REGIONAL OFFICE CODE 8F
*****
RATTLESNAKE *AZU1015*RATTLESNAKE *O *ARIZ GAME * 32 42.6 * 40.0 * 12. * 103. * 140. * 8. *U 0. *U 0.
*SPL0021 * *FISH *110 18.0 * * * * * *T .46 *T .6
STOCKTON WASH RE *AZ00067*STOCKTON WASH *C *GRAHAM COUNT * 32 47.8 * 153.0 * 100. * 29. * 38. * 9. *E 0. *E 0.
TARDING DAM *SPL0022 * *Y *109 39.1 * * * * * *N .32 *N 1.4
*****
COUNTY NAME: GREENLEE FERC POWER SUPPLY AREA 48 FERC REGIONAL OFFICE CODE 8F
*****
BLUE *AZU1016*BLUE RIVER *O *ARIZ GAME * 33 42.0 * 300.0 * 8. * 74. * 100. * 6. *U 0. *U 0.
*SPL0023 * *FISH *109 6.0 * * * * * *T .20 *T .3
*****
COUNTY NAME: MARICOPA FERC POWER SUPPLY AREA 48 FERC REGIONAL OFFICE CODE 8F
*****
(LAKE PLEASANT) *AZ00001*AGUA FRIA RIVER *IR *MCMWCD '1 * 33 51.2 * 1459.0 * 80. * 130. * 171. * 185. *E 0. *E 0.
WADDELL *SPL0024 * * * *112 16.1 * * * * * *N 1.35 *N 1.3
CAVE CREEK DAM *AZ00002*CAVE CREEK *C *SRVWUA * 33 43.5 * 161.0 * 5. * 41. * 53. * 14. *E 0. *E 0.
*SPL0025 * * * *112 2.8 * * * * * *N .06 *N .1
GILLESPIE RESERV *AZ00106*GILA RIVER *I *PAINTED ROCK * 33 13.8 * 49650.0 * 180. * 16. * 21. * 260. *E 0. *E 0.
DIR *SPL0026 * *DEV. CO. *112 46.1 * * * * * *N .41 *N .4
(APACHE LAKE) MO *AZ10311*SALT RIVER *IHR *DOI USBR * 33 36.0 * 5870.0 * 850. * 254. * 272. * 261. *E 34.16 *E 25.0
RSE MESA *SPL0027 * * * *111 21.0 * * * * * *N 5.60 *N 60.4
(CANYON LAKE) MO *AZ10313*SALT RIVER *IHSR *DOI USBR * 33 33.0 * 6030.0 * 800. * 121. * 142. * 58. *E 9.20 *E 46.0
RMON FLAT *SPL0028 * * * *111 26.0 * * * * * *N 0. *N 0.
(SAHUARO LAKE) S *AZ10318*SALT RIVER *IHUR *DOI USBR * 33 34.0 * 6211.0 * 1000. * 97. * 115. * 71. *E 10.40 *E 43.0
TEWART MOUNTAIN *SPL0029 * * * *111 32.0 * * * * * *N 0. *N 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 A R I Z O 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: MOHAVE					FERC POWER SUPPLY AREA 48		FERC REGIONAL OFFICE CODE SF					

CAANON GAP	*AZU1022*	BULL RUSH	*U	*ARIZ GAME	* 36 43.0 *	60.0*	21.*	90.*	120.*	7.*U	0.*U	0.*
	SPL0030			*FISH	*112 48.4 *					*T	.30*T	1.1
TROUT CREEK	*AZU1023*	TROUT CREEK	*U	*ARIZ GAME	* 35 0. *	607.0*	14.*	277.*	375.*	28.*U	0.*U	0.*
	SPL0031			*FISH	*113 20.2 *					*T	.53*T	.6
BURRO CREEK	*AZU1024*	BURRO CREEK	*O	*ARIZ GAME	* 34 33.5 *	638.0*	14.*	52.*	70.*	12.*U	0.*U	0.*
	SPL0032			*FISH	*113 29.9 *					*T	.10*T	.1
(LAKE MOJAVE) DA	*AZU10309*	COLORADO RIVER	*HCRD	*DDI USBR	* 35 11.0 *	173300.0*	0.*	114.*	134.*	1618.*E	234.00*	E1178.0
VIS	*SPL5000*				*114 34.1 *					*N	0.*N	0.*

COUNTY NAME: NAVAJO					FERC POWER SUPPLY AREA 48		FERC REGIONAL OFFICE CODE SF					

DIPPING VAT	*AZU1028*	SILVER CREEK	*O	*ARIZ GAME	* 34 24.0 *	140.0*	93.*	50.*	68.*	4.*U	0.*U	0.*
	SPL0033			*FISH	*110 0. *					*T	1.13*T	2.9
LONE PINE	*AZ00012*	SHOW LOW CREEK	*CI	*SHOW LOW SIL	* 34 21.1 *	152.0*	25.*	76.*	97.*	14.*E	0.*E	0.*
	SPL0034			*VEN CREEK WC	*110 5.4 *					*N	.56*N	.8
(WHITE MOUNTAIN	*AZ00013*	SILVER CREEK	*I	*SNOWFLAKE	* 34 21.9 *	170.0*	19.*	50.*	59.*	5.*E	0.*E	0.*
LAKE) DAGGS	*SPL0035*			*TAYLOR IRR.	*110 0. *					*N	.27*N	.4
(SHOW LOW LAKE)	*AZ00023*	SHOW LOW CREEK	*SRO	*PHELPS DODGE	* 34 11.7 *	73.0*	12.*	60.*	75.*	8.*E	0.*E	0.*
JAGUES DAM	*SPL0036*			*CORP.	*110 .2 *					*N	.21*N	.3
BLACK CANYON LAK	*AZ00042*	WEST FURK OF BLA	*RU	*ARIZ. GAME	* 34 19.8 *	6.0*	3.*	51.*	68.*	2.*E	0.*E	0.*
E	*SPL0037*	CK CANYON CRK		*FISH DEPT.	*110 42.0 *					*N	.06*N	.1
FOOL HOLLOW LAKE	*AZ00051*	SHOWLOW CREEK	*R	*ARIZ. GAME	* 34 16.9 *	36.0*	24.*	64.*	87.*	4.*E	0.*E	0.*
	SPL0038			*FISH DEPT.	*110 3.3 *					*N	.47*N	1.0

L E G E N D												

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

P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F A R I Z O 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) *	* ENERGY * (GWH) *

COUNTY NAME: PIMA					FERC POWER SUPPLY AREA 48			FERC REGIONAL OFFICE CODE SF				

BUSHMAN CANYON	* AZU0008 * * SPL0039 *	BUSHMAN	* O * * FISH	* ARIZ GAME *	* 32 24.2 * * 110 32.5 *	39.0 *	12. *	107. *	145. *	25. *U *T	0. *U *T	0. * *T
TANQUE VERDE	* AZU1000 * * SPL0040 *	TANQUE VERDE	* C * * FISH	* ARIZ GAME *	* 32 15.4 * * 110 39.2 *	39.0 *	12. *	207. *	280. *	35. *U *T	0. *U *T	0. * *T
TANQUE VERDE	* AZU1001 * * SPL0041 *	TANQUE VERDE	* C * * FISH	* ARIZ GAME *	* 32 15.6 * * 110 36.0 *	26.0 *	8. *	103. *	140. *	20. *U *T	0. *U *T	0. * *T
CIENAGA	* AZU1002 * * SPL0042 *	CIENAGA CR	* C * * FISH	* ARIZ GAME *	* 31 6.0 * * 110 33.5 *	215.0 *	9. *	100. *	135. *	19. *U *T	0. *U *T	0. * *T
SABINO	* AZU1045 * * SPL0043 *	SABINO	* O * * FISH	* ARIZ GAME *	* 32 21.4 * * 110 46.5 *	31.0 *	9. *	185. *	250. *	10. *U *T	0. *U *T	0. * *T
COUNTY NAME: PINAL					FERC POWER SUPPLY AREA 48			FERC REGIONAL OFFICE CODE SF				

JERKY SPRING	* AZU1042 * * SPL0044 *	JERKY SPRING	* O * * FISH	* ARIZ GAME *	* 33 26.4 * * 111 5.8 *	12.0 *	4. *	118. *	160. *	8. *U *T	0. *U *T	0. * *T
TORTOLITA	* AZU1044 * * SPL0045 *	DURHAM	* O * * FISH	* ARIZ GAME *	* 32 42.0 * * 111 6.0 *	50.0 *	15. *	52. *	70. *	5. *U *T	0. *U *T	0. * *T
(LAGO DEL ORO) OLDER	* AZU00003 * * SPL0046 *	CANADA DEL ORO	* TO * *	* RAIL N RANCH * * CORPORATION *	* 32 32.9 * * 110 51.0 *	48.0 *	15. *	101. *	127. *	11. *E *N	0. *E *N	0. * *T
FLORENCE RETARDING DAM	* AZU00027 * * SPL0047 *	TR-GILA RIVER	* J * *	* F.A.F.C.D. *	* 33 5.4 * * 111 17.5 *	70.0 *	21. *	20. *	26. *	6. *E *N	0. *E *N	0. * *T
POWERLINE RETARDING DAM	* AZU00082 * * SPL0048 *	WEEK,S WASH AND	* C * *	* MARICOPA COU * * NTY *	* 33 21.9 * * 111 32.9 *	50.0 *	15. *	28. *	35. *	5. *E *N	0. *E *N	0. * *T
MAGMA DAM	* AZU00083 * * SPL0049 *	MAGMA WASH	* C * *	* MAGMA FLOOD * * CON. DIS. *	* 33 9.3 * * 111 25.2 *	62.0 *	19. *	18. *	24. *	8. *E *N	0. *E *N	0. * *T

LEGEND												

L E G E N D

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(07/09/79)

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * (AC FT) * (3) * (3)
*****
COUNTY NAME: YAVAPAI FERC POWER SUPPLY AREA 48 FERC REGIONAL OFFICE CODE SF
*****
RATTLESNAKE *AZU1032*RATTLESNAKE CR *O *ARIZ GAME * 34 46.2 * 13.0 * 4 * 67 * 90 * 9 *U 0 *U 0
*SPL0060 * * *FISH *111 35.8 * * * * * *T .10*T .1
BLACK ROCK *AZU1034*ASH CREEK *O *ARIZ GAME * 34 34.5 * 15.0 * 4 * 59 * 80 * 3 *U 0 *U 0
*SPL0061 * * *FISH *112 6.0 * * * * * *T .11*T .1
SYCAMORE *AZU1035*SYCAMORE *O *ARIZ GAME * 34 27.0 * 26.0 * 8 * 133 * 180 * 15 *U 0 *U 0
*SPL0062 * * *FISH *111 44.0 * * * * * *T .42*T .4
BOX CANYON *AZU1037*HASSAYAMPA *O *ARIZ GAME * 34 6.0 * 410.0 * 13 * 70 * 95 * 19 *U 0 *U 0
*SPL0063 * * *FISH *112 42.0 * * * * * *T .26*T .3
WALNUT GROVE *AZU1038*HASSAYAMPA *O *ARIZ GAME * 34 11.2 * 225.0 * 7 * 44 * 60 * 6 *U 0 *U 0
*SPL0064 * * *FISH *112 30.0 * * * * * *T .09*T .1
ALGONQUIN *AZU1040*POLAND CR *O *ARIZ GAME * 34 12.6 * 11.0 * 3 * 74 * 100 * 6 *U 0 *U 0
*SPL0065 * * *FISH *112 18.0 * * * * * *T .10*T .1
TURKEY CREEK *AZU1041*TURKEY CREEK *O *ARIZ GAME * 34 12.0 * 136.0 * 31 * 111 * 150 * 33 *U 0 *U 0
*SPL0066 * * *FISH *112 12.4 * * * * * *T .57*T 1.4
WILLOW CREEK (RE *AZU0019*WILLOW CREEK *IR *CHINO VALLEY * 34 36.1 * 23.0 * 7 * 57 * 70 * 8 *E 0 *E 0
SERVOIR) DAM *SPL0067 * * *IRR. DIST. *112 26.7 * * * * * *N .16*N .2
GRANITE CREEK DA *AZU0020*GRANITE CREEK *IR *CHINO VALLEY * 34 35.7 * 39.0 * 6 * 68 * 82 * 5 *E 0 *E 0
M *SPL0068 * * *IRR DIST *112 25.0 * * * * * *N .07*N .1
LYNX LAKE *AZU0049*LYNX CREEK *R *ARIZ. GAME * 34 31.3 * 21.0 * 1064 * 74 * 87 * 1 *E 0 *E 0
*SPL0069 * * *FISH CEPT. *112 23.2 * * * * * *N .19*N .2
HORSESHOE RESERV *AZU10310*VERDE RIVER *ISR *DDI USBR * 33 58.9 * 5991.0 * 500 * 123 * 151 * 155 *E 0 *E 0
OIR *SPL0070 * * * *111 42.7 * * * * * *N 8.17*N 26.1
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L E G E N D

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(07/09/79)

PROJECT NAME	IDENT NUMBER	NAME OF STEAM CR RIVER	PROJ PURP	OWNER	LATITUDE (DM,M)	DRAINAGE AREA (SQ MI)	ANNUAL INFLOW (CFS)	NET POWER (FT)	HEIGHT OF DAM (FT)	MAXIMUM STORAGE (1000 AC FT)	CAPACITY (MM)	ENERGY (GWH)
***** COUNTY NAME: YUMA ***** FERC POWER SUPPLY AREA 48 FERC REGIONAL OFFICE CODE SF *****												
(LAKE HAVASU) PA	AZ10312	COLORADO RIVER	HQD	DOI USBR	34 17.7	182700.0	15844.	68.	80.	620.	120.00	659.6
RKER	SPL0071				114 8.4					N	43.05	31.1
HEADGATE ROCK	AZ10437	COLORADO RIVER	RI	DOI BIA	34 10.1	178900.0	15515.	20.	23.	20.	0.	0.
	SPL0072				114 30.0					N	44.82	193.7

LEGEND

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STATE OF CALIFORNIA

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

POTENTIAL INCREMENTAL CAPACITY RANGES																	
I N F E T S		.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
E V I G		EXIST	EXIST	UNDEV	TOTAL	EXIST	EXIST	UNDEV	TOTAL	EXIST	EXIST	UNDEV	TOTAL	EXIST	EXIST	UNDEV	TOTAL
T E N H		INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR	INST	INCR	POTEN	INCR
		1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP
0-19		0	21	0	21	0	0	0	0	0	1	0	1	0	22	0	22
CAPCTY		0.0	26.8	0.0	26.8	0.0	0.0	0.0	0.0	0.0	59.7	0.0	59.7	0.0	86.5	0.0	86.5
ENERGY		0.0	119	0.0	119	0.0	0.0	0.0	0.0	0.0	120	0.0	120	0.0	240	0.0	240
20-49		4	52	22	74	0	0	0	0	0	1	0	1	4	53	22	75
CAPCTY		20.2	55.2	31.1	86.4	0.0	0.0	0.0	0.0	0.0	38.9	0.0	38.9	20.2	94.2	31.1	125
ENERGY		118	164	97.0	281	0.0	0.0	0.0	0.0	0.0	87.4	0.0	87.4	118	272	97.0	369
50-99		7	64	57	121	0	1	0	1	2	1	0	1	9	66	57	123
CAPCTY		41.3	77.0	92.7	170	0.0	18.5	0.0	18.5	100	31.5	0.0	31.5	142	127	92.7	220
ENERGY		182	189	231	420	0.0	17.4	0.0	17.4	479	75.5	0.0	75.5	661	282	231	513
>100		39	79	106	185	9	11	20	31	59	35	90	125	107	125	216	341
CAPCTY		237	206	350	556	171	223	387	611	7067	4710	12192	16902	7474	5139	12930	18068
ENERGY		1347	497	899	1396	837	325	789	1114	28143	8137	22993	31130	30328	8959	24681	33639
TOTAL		50	216	185	401	9	12	20	32	61	38	90	128	120	266	295	561
CAPCTY		298	365	474	839	171	242	387	629	7167	4840	12192	17032	7636	5447	13053	18500
ENERGY		1647	990	1227	2217	837	342	789	1131	28621	8421	22993	31413	31106	9753	25009	34761

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

(07/09/79)

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

PROJECT NAME	* IDENT * * NUMBER *	* NAME OF STREAM * * OR RIVER *	* PROJ * * PURP *	* OWNER *	*LATITUDE * *LONGITUDE *	* DRAINAGE * * AREA *	* AVERAGE * * ANNUAL * * INFLW *	* NET * * PGWER * * 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: ALAMEDA					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				

BETHANY FOREBAY	*CA00033*	*TRI ITALIAN SLOU*	*I S	*CAL DEPT NAT*	*37 47.0 *	*4.0*	*4*	*77*	*90*	*6*	*E	*0. *E 0.
	SPK0001	*GH		*ER RES	*121 37.1 *						*N	*.12*N .1
DEL VALLE	*CA00043*	*ARROYO VALLE	*I R S	*CAL DEPT NAT*	*37 36.9 *	*149.0*	*29*	*165*	*194*	*77*	*E	*0. *E 0.
	SPN0001			*ER RES	*121 44.7 *						*N	*.76*N .9
CALAVERAS RESERV	*CA00126*	*CALAVERAS CREEK	*S	*CITY COUNTY *	*37 29.5 *	*100.0*	*24*	*151*	*178*	*100*	*E	*0. *E 0.
OIR	*SPN0002*			*S FRANCISCO	*121 49.2 *						*N	*1.22*N .9
SAN ANTONIO RESE	*CA00132*	*SAN ANTONIO CR	*S	*CITY COUNTY *	*37 34.4 *	*40.0*	*20*	*149*	*175*	*51*	*E	*0. *E 0.
RVOIR	*SPN0003*			*S FRANCISCO	*121 50.9 *						*N	*1.20*N 1.1
UPPER SAN LEANOR	*CA00165*	*SAN LEANDRO CREE	*S	*EAST BAY M U*	*37 43.8 *	*31.0*	*16*	*99*	*117*	*13*	*E	*0. *E 0.
O RESERVIOIR	*SPN0004*	*K		*DIST	*122 7.3 *						*N	*.62*N .6
LAKE CHABOT	*CA00167*	*SAN LEANDRO CREE	*S	*EAST BAY M U*	*37 45.8 *	*6.5*	*3*	*149*	*175*	*41*	*E	*0. *E 0.
	SPN0005	*K		*DIST	*122 5.7 *						*N	*.10*N .1

COUNTY NAME: ALPINE					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				

HOPE VALLEY RESE	*CAU0149*	*WEST FORK CARSON*			*38 46.3 *	*38.0*	*102*	*130*	*176*	*100*	*U	*0. *U 0.
RVOIR	*SPK0002*	*RIVER			*119 55.6 *						*T	*3.53*T 7.7
PAYNESVILLE RESE	*CAU0240*	*WEST FORK CARSON*			*38 49.0 *	*66.0*	*102*	*952*	*0*	*95*	*U	*0. *U 0.
RVOIR	*SPK0003*	*RIVER			*119 46.0 *						*T	*32.91*T 65.1
SILVER KING RESE	*CAU0274*	*EAST CARSON RIVE*			*38 34.1 *	*45.0*	*126*	*55*	*75*	*8*	*U	*0. *U 0.
VOIR	*SPK0004*	*R			*119 37.4 *						*T	*2.40*T 4.8
STEVENOT RESERV	*CAU0289*	*NORTH FORK MOKEL*			*38 34.0 *	*58.0*	*51*	*1040*	*0*	*25*	*U	*0. *U 0.
IR	*SPK0005*	*UMNE RIVER			*120 1.0 *						*T	*17.58*T 34.2
WOODFORDS RESERV	*CAU0324*	*WEST FORK CARSON*			*38 46.0 *	*57.0*	*88*	*1100*	*0*	*95*	*U	*0. *U 0.
OIR	*SPK0006*	*RIVER			*119 51.0 *						*T	*32.84*T 64.9

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(07/09/79)

COUNTY NAME: ALPINE FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF

COUNTY NAME: AMADOR FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF

 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 A L I F O R N I A

(07/09/79)

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*****
* IDENT * 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) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: AMADOR FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
SUMMIT CITY RESE*CA00293*HORTH FORK MOKEL* * * 38 30.0 * 96.0* 85.* 1640.* 0.* 35.*U 0.*U 0.
VOIR *SPK0018*UMNE RIVER * * * 120 9.0 * * * * *T 45.88*T 89.3
* * * * *
PARDEE RESERVOIR*CA00164*MOKELUMNE RIVER *H S *EAST RAY M U* 38 15.4 * 578.0* 984.* 327.* 337.* 210.*E 15.00*E 105.0
*SPK0019* * * *DIST * 120 51.0 * * * * *N 19.00*N 26.0
* * * * *
SILVER LAKE *CA00377*SILVER FORK *H *PACIFIC GAS * 38 40.1 * 15.0* 35.* 9.* 11.* 12.*E 0.*E 0.
*SPK0020* * * *ELECT CO * 120 7.3 * * * * *N .13*N .2
* * * * *
BEAR RIVER *CA00379*BEAR RIVER *H *PACIFIC GAS * 38 33.5 * 28.0* 55.* 65.* 76.* 7.*E 0.*E 0.
*SPK0021* * * *ELECT CO * 120 12.9 * * * * *N 1.60*N 3.2
* * * * *
SALT SPRINGS RES*CA00382*N FK MOKELUMNE *H *PACIFIC GAS * 38 29.9 * 170.0* 475.* 256.* 302.* 139.*E 9.35*E 50.0
ERVOIR *SPK0022*IVER * * * *ELECT CO * 120 12.9 * * * * *N 0.*N 0.
* * * * *
LAKE TAREAUD *CA00383*JACKSON CREEK *H *PACIFIC GAS * 38 20.9 * 544.0* 984.* 1268.* 117.* 1.*E 89.10*E 347.2
*SPK0023* * * *ELECT CO * 120 39.9 * * * * *N 0.*N 0.
* * * * *
TIGER CREEK FURE*CA00401*N FK MOKELUMNE *H *PACIFIC GAS * 38 26.0 * 262.0* 520.* 1214.* 85.* 4.*E 51.00*E 353.2
BAY *SPK0024*IVER * * * *ELECT CO * 120 30.2 * * * * *N 0.*N 0.
* * * * *
ELECTRA DIVERSION*CA00408*N FK MOKELUMNE *H I *PACIFIC GAS * 38 25.2 * 360.0* 475.* 20.* 26.* 0.*E 0.*E 0.
N *SPK0025*IVER * * * *ELECT CO * 120 32.9 * * * * *N 2.38*N 3.9
* * * * *
LOWER BEAR RIVER*CA00409*BEAR RIVER *H I *PACIFIC GAS * 38 32.3 * 32.0* 55.* 2109.* 235.* 49.*E 29.70*E 125.6
*SPK0026* * * *ELECT CO * 120 15.3 * * * * *N 0.*N 0.
* * * * *
ARROYO SECO *CA00613*TR DRY CR *S I *CHAS HOWARD * 38 21.3 * 2.0* 5.* 54.* 63.* 2.*E 0.*E 0.
*SPK0027* * * *ESTATE * 120 59.9 * * * * *N .10*N .2
* * * * *
JACKSON CR *CA00867*JACKSON CR *IR *JACKSON VAL * 38 18.2 * 58.0* 30.* 141.* 175.* 26.*E 0.*E 0.
*SPK0028* * * *IRR DIST * 120 53.3 * * * * *N 2.38*N 4.6
* * * * *
WEST POINT POWER*CA008024*N.FORK MOKELUMNE*H *PACIFIC GAS * 38 25.0 * -0.* 0.* 312.* -0.* 0.*E 13.60*E 87.6
HOUSE *SPK0029* RIVER * * * *ELECT CO * 120 32.9 * * * * *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 C A L I F O R N I A

(07/09/79)

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*****
PROJECT NAME      * I D E N T * NAME OF STREAM * PROJ *      * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
                  * NUMBER * CR RIVER   * PUMP *      * LONGITUDE * AREA   * INFLOW * POWER * OF * STORAGE * CAPACITY * ENERGY
                  * (1) *           * (2) *      * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: BUTTE      FERC POWER SUPPLY AREA 46      FERC REGIONAL OFFICE CODE SF
*****
BALD ROCK NO. 5 *CAU0049* MID FORK FEATHER *      *      * 39 38.0 * 1112.0 * 1484 * 710 * 175 * 10 * 0 * 0
                  *SPK0030* RIVER      *      *      * 121 16.0 *      *      *      *      *      * 310.44 * 684.4
                  *      *           *      *      *      *      *      *      *      *      *
BUTTE CREEK HDUS *CAU0069* BUTTE CREEK *      *      * 40 5.5 * 6.0 * 8 * 74 * 100 * 10 * 0 * 0
E                  *SPK0031*      *      *      * 121 37.0 *      *      *      *      *      * .27 * .3
                  *      *           *      *      *      *      *      *      *      *      *
CASTLE ROCK      *CAU0077* BUTTE CREEK *      *      * 39 46.5 * 72.0 * 146 * 132 * 178 * 100 * 0 * 0
                  *SPK0032*      *      *      * 121 45.5 *      *      *      *      *      * 1.71 * 6.6
                  *      *           *      *      *      *      *      *      *      *      *
COVERED BRIDGE D *CAU0096* BUTTE CREEK *      *      * 39 43.6 * 147.0 * 409 * 183 * 248 * 200 * 0 * 0
AM                  *SPK0033*      *      *      * 121 42.3 *      *      *      *      *      * 19.09 * 47.9
                  *      *           *      *      *      *      *      *      *      *      *
FORKS OF BUTTE C *CAU0127* BUTTE CREEK *      *      * 39 54.0 * 10.0 * 18 * 207 * 280 * 57 * 0 * 0
REEK              *SPK0034*      *      *      * 121 33.0 *      *      *      *      *      * 1.45 * 2.1
                  *      *           *      *      *      *      *      *      *      *      *
GRIZZLY GULCH    *CAU0142* BUTTE CREEK *      *      * 40 3.0 * 69.0 * 140 * 133 * 180 * 12 * 0 * 0
                  *SPK0035*      *      *      * 121 33.0 *      *      *      *      *      * 1.69 * 6.5
                  *      *           *      *      *      *      *      *      *      *      *
JONESVILLE      *CAU0167* BUTTE CREEK *SR *      *      * 40 6.0 * 69.0 * 160 * 167 * 167 * 46 * 0 * 0
                  *SPK0036*      *      *      * 122 29.5 *      *      *      *      *      * 2.83 * 11.6
                  *      *           *      *      *      *      *      *      *      *      *
QUARTZ HILL      *CAU0250* FALL RIVER      *      *      * 39 38.0 * 10.0 * 18 * 148 * 200 * 22 * 0 * 0
                  *SPK0037*      *      *      * 121 11.5 *      *      *      *      *      * 1.15 * 1.5
                  *      *           *      *      *      *      *      *      *      *      *
SHWAYNE          *CAU0294* FRENCH CREEK *      *      * 39 45.0 * 1164.0 * 1308 * 1430 * 380 * 280 * 0 * 0
                  *SPK0038*      *      *      * 121 23.0 *      *      *      *      *      * 515.02 * 1249.5
                  *      *           *      *      *      *      *      *      *      *      *
SYCAMORE         *CAU0297* BIG CREEK      *      *      * 39 48.5 * 72.0 * 146 * 273 * 370 * 150 * 0 * 0
                  *SPK0039*      *      *      * 121 44.0 *      *      *      *      *      * 13.35 * 22.0
                  *      *           *      *      *      *      *      *      *      *      *
FEATHER RIVER HA *CA00034* FEATHER RIVER *R *CAL DEPT WAT* 39 31.3 * 3624.0 * 5977 * 26 * 30 * 1 * 0 * 0
TCHERY            *SPK0040*      *      *      * 121 32.7 *      *      *      *      *      * *N 38.96 * 87.5
                  *      *           *      *      *      *      *      *      *      *      *
OROVILLE DAM     *CA00035* FEATHER RIVER *IRSH *CAL DEPT WAT* 39 32.1 * 3611.0 * 4800 * 675 * 634 * 3484 * 644.40 * 1934.0
                  *SPK0041*      *      *      * 121 28.9 *      *      *      *      *      * *N 350.90 * 982.0
                  *      *           *      *      *      *      *      *      *      *      *
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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 A L I F O R N I 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 * CHNEN * LONGITUDE * AREA * INFLCH * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: BUTTE FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
THERMALITO DIVER*CA00036*FEATHER RIVER *HI *CAL DEPT NAT* 39 33.1 * 3640.0* 4800.* 85.* 100.* 13.*E 0.*E 0.
SION DAM *SPK0042* *ER RES *121 32.6 * * * * *N 4.00*N 26.0
THERMALITO FORER*CA00041*TRI CTINWO CRK(F*H R *CAL DEPT NAT* 39 31.6 * 3610.0* 4955.* 102.* 61.* 11.*E 115.00*E 270.0
AY *SPK0043*THR R UFSTRM) *EN RES *121 36.0 * * * * *N 32.70*N 59.0
THERMALITO AFTER*CA00042*FEATHER RIVER (U*H *CAL DEPT NAT* 39 27.0 * 3610.0* 4955.* 27.* 32.* 58.*E 0.*E 0.
BAY *SPK0044*FFSTREAM) *EN RES *121 38.0 * * * * *N 9.00*N 76.0
LOST CREEK *CA00268*LOST CREEK *H I S*ONOVILLE WYA* 39 34.5 * 31.0* 25.* 1495.* 112.* 6.*E 52.20*E 297.1
*SPK0045* *NDUTTE I D *121 8.1 * * * * *N 0.*N 0.
SLY CREEK *CA00272*LOST CREEK *H I S*ORDVILLE WYA* 39 34.9 * 24.0* 25.* 215.* 250.* 65.*E 0.*E 0.
*SPK0046* *NDOTTE *121 6.9 * * * * *N 2.95*N 6.3
FORBESTOWN DIVER*CA00273*S FK FEATHER RIV*H I S*ONOVILLE WYA* 39 33.1 * 88.0* 233.* 826.* 84.* 0.*E 28.80*E 183.1
SION *SPK0047*ER *NDOTTE I D *121 12.5 * * * * *N 0.*N 0.
PONDEROSA DIVERS*CA00274*S FK FEATHER RIV*H I S*ONOVILLE WYA* 39 32.9 * 108.0* 717.* 107.* 126.* 5.*E 0.*E 0.
ION *SPK0048*ER *NDOTTE I D *121 18.1 * * * * *N 5.22*N 13.9
MINERS RANCH RES*CA00275*TRI & HONCUT CRK*H I S*ONOVILLE WYA* 39 30.3 * 87.0* 223.* 668.* 50.* 1.*E 9.90*E 79.1
ERVOIR *SPK0049*(S F FTHR RIV *NDOTTE I D *121 27.4 * * * * *N 34.91*N 5.0
CONCOM *CA00277*CONCOM CREEK *H I S*THERMALITO T* 39 45.8 * 15.0* 27.* 77.* 91.* 9.*E 0.*E 0.
*SPK0050* *ABLE MT I D *121 31.6 * * * * *N .92*N 1.2
MAGALIA *CA00296*LITTLE BUTTE CRE*I S *PARADISE IRR* 39 48.4 * 11.0* 20.* 75.* 88.* 3.*E 0.*E 0.
*SPK0051*EK *DIST *121 34.9 * * * * *N .65*N .9
PAHADISE *CA00297*LITTLE BUTTE CRE*I S *PARADISE IRR* 39 51.1 * 9.0* 15.* 113.* 133.* 6.*E 0.*E 0.
*SPK0052*EK *DIST *121 34.5 * * * * *N .61*N .6
PCE FOREBAY *CA00328*N FK FEATHER RIV*H *PACIFIC GAS * 39 48.6 * 1950.0* 3013.* 488.* 12.* 1.*E 124.20*E 512.0
*SPK0053*ER ** ELECT CO *121 25.8 * * * * *N 0.*N 0.
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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(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 * (FF)	* HEIGHT * OF * DAM * (FT)	* MAXIMUM * STORAGE * (1000 * AC FT)	* CAPACITY * (MW) * (3)	* ENERGY * (GWH) * (3)

COUNTY NAME: BUTTE					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				

DE SABLE FOREBAY	*CA00343*	*TRI BUTTE CREEK	*H	*PACIFIC GAS	* 39 52.3	* 108.0	* 300.	* 1530.	* 50.	* 0.	*E	*18.45
	SPK0054			*ELECT CO	*121 36.5					*N		*98.64
												*173.8
PHILBROOK CREEK	*CA00345*	*PHILBROOK CREEK	*H	*PACIFIC GAS	* 40 1.6	* 5.0	* 7.	* 60.	* 71.	* 5.	*E	* 0.
	SPK0055			*ELECT CO	*121 28.5					*N		*.18
												*.2
COAL CANYON POWE	*CA08003*	*M MIOCENE CANYON	*H	*PACIFIC GAS	* 39 36.5	* 113.0	* 328.	* 481.	* 0.	* 0.	*E	*.80
RHOUSE	*SPK0056*			*AND ELEC.	*121 36.5					*N		* 0.
												* 0.
CENTERVILLE POWE	*CA08005*	*BUTTE CREEK	*H	*PACIFIC GAS	* 39 47.5	* 129.0	* 414.	* 577.	* 0.	* 0.	*E	* 6.40
RHOUSE	*SPK0057*			*ELECT. CO.	*121 39.8					*N		* 0.
												* 0.
LIME SADDLE POWE	*CA08012*	*W. BRANCH FEATHER	*H	*PACIFIC GAS	* 39 45.0	* 113.0	* 328.	* 402.	* 0.	* 0.	*E	* 1.60
RHOUSE	*SPK0058*	*R RIVER		*AND ELEC.	*121 35.0					*N		* 0.
												* 0.
COUNTY NAME: CALAVERAS					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				

CEDAR RESERVOIR	*CAU0079*	*NORTH FORK CALAV			* 38 14.4	* 83.0	* 74.	* 133.	* 180.	* 40.	*U	* 0.
	SPK0059	*ERAS RIVER			*120 41.1					*T		* 3.22
												* 6.3
CHILI GULCH	*CAU0080*	*CHILI GULCH			* 38 14.4	* 5.0	* 13.	* 118.	* 160.	* 17.	*U	* 0.
	SPK0060				*120 43.3					*T		*.46
												* 1.1
COLLIERVILLE	*CAU0090*	*STANISLAUS RIVER			* 38 8.0	* 223.0	* 567.	* 2470.	* 0.	* 120.	*U	* 0.
	SPK0061				*120 23.0					*T		* 525.54
												* 923.5
ESPERANZA RESERV	*CAU0117*	*ESPERANZA CREEK			* 38 17.8	* 10.0	* 23.	* 92.	* 124.	* 7.	*U	* 0.
DIR	*SPK0062*				*120 31.5					*T		*.66
												* 1.4
FOREST CREEK RES	*CAU0125*	*FOREST CREEK			* 38 25.2	* 16.0	* 49.	* 109.	* 148.	* 5.	*U	* 0.
ERVOIK	*SPK0063*				*120 24.1					*T		* 1.93
												* 3.2
FORKS RESERVOIR	*CAU0126*	*SOUTH FORK CALAV			* 38 9.6	* 149.0	* 379.	* 118.	* 160.	* 60.	*U	* 0.
	SPK0064	*EWAS RIVER			*120 40.5					*T		* 16.81
												* 29.5

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(07/09/79)

PROJECT NAME	IDERT 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 (MH) (3)	ENERGY (GWH) (3)
COUNTY NAME: CALAVERAS												
FERC POWER SUPPLY AREA 46												
FERC REGIONAL OFFICE CODE SF												
HIGHLAND	*CAU0147*	NORTH FORK STANI	*	*	* 38 24.0 *	58.0*	51.*	745.*	0.*	62.*U	0.*U	0.
	SPK0065	SLAUS RIVER	*	*	*120 4.0 *	*	*	*	*	*T	12.59*T	24.5
JESUS MARIA	*CAU0166*	JESUS MARIA CREE	*	*	* 38 16.2 *	13.0*	39.*	1200.*	215.*	36.*U	0.*U	0.
	SPK0066	k	*	*	*120 30.7 *	*	*	*	*	*T	19.87*T	30.6
LITTLE JOHNS RES	*CAU0186*	LITTLE JOHNS CRE	*	*	* 37 52.8 *	29.0*	11.*	133.*	180.*	225.*U	0.*U	0.
ERVOIR	*SPK0067*	EK	*	*	*120 37.5 *	*	*	*	*	*T	.43*T	.4
MCCARTYS RESERVOIR	*CAU0200*	NORTH FORK CALAV	*	*	* 38 19.5 *	4.0*	11.*	118.*	160.*	35.*U	0.*U	0.
	SPK0068	ERAS RIVER	*	*	*120 30.3 *	*	*	*	*	*T	.37*T	.9
NORTH FORK MOKEL	*CAU0220*	NORTH FORK MOKEL	*	*	* 38 24.3 *	346.0*	606.*	118.*	160.*	5.*U	0.*U	0.
UMNE RIVER	*SPK0069*	UMNE RIVER	*	*	*120 34.2 *	*	*	*	*	*T	18.62*T	48.9
USNEIL RESERVOIR	*CAU0229*	USNEIL CREEK	*	*	* 38 19.5 *	18.0*	24.*	122.*	165.*	6.*U	0.*U	0.
	SPK0070		*	*	*120 28.5 *	*	*	*	*	*T	1.85*T	1.4
RAILROAD FLAT	*CAU0252*	SOUTH FORK MOKEL	*	*	* 38 22.0 *	96.0*	65.*	1620.*	170.*	80.*U	0.*U	0.
	SPK0071	UMNE RIVER	*	*	*120 37.0 *	*	*	*	*	*T	45.32*T	88.2
RAMSEY RESERVOIR	*CAU0253*	NORTH FORK STANI	*	*	* 38 21.8 *	132.0*	325.*	235.*	235.*	33.*U	0.*U	0.
	SPK0072	SLAUS RIVER	*	*	*120 10.9 *	*	*	*	*	*T	29.60*T	52.0
SCOTTS RESERVOIR	*CAU0269*	SAN ANTONIO	*	*	* 38 12.8 *	21.0*	28.*	148.*	200.*	10.*U	0.*U	0.
	SPK0073		*	*	*120 25.9 *	*	*	*	*	*T	2.37*T	1.9
SQUAW HOLLOW	*CAU0286*	NORTH FORK STANI	*	*	* 38 16.0 *	111.0*	262.*	2225.*	0.*	85.*U	0.*U	0.
	SPK0074	SLAUS RIVER	*	*	*120 16.0 *	*	*	*	*	*T	235.64*T	414.1
SWISS RANCH RESE	*CAU0296*	JESUS MARIA	*	*	* 38 16.5 *	8.0*	18.*	200.*	270.*	15.*U	0.*U	0.
HYOIR	*SPK0075*		*	*	*120 28.5 *	*	*	*	*	*T	1.51*T	2.4
UPPER MIDDLE FOR	*CAU0306*	MIDDLE FRK MOKEL	*	*	* 38 23.3 *	21.0*	64.*	165.*	223.*	12.*U	0.*U	0.
K	*SPK0076*	UMNE RIVER	*	*	*120 24.1 *	*	*	*	*	*T	3.00*T	5.8

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 C A L I F O R N I 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 * * (MW) *	* CAPACITY * * (3) *	* ENERGY * * (GWH) *
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	AC FT)	(3)	(3)

COUNTY NAME: CALAVERAS				FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF					

GOODWIN	*CA00260*	STANISLAUS RIVER	*I S	*OAKDALE S	*SA 37 51.8 *	986.0*	1500.*	69.*	81.*	1.*E	0.*E	0.
	SPK0077			*N JOAQUIN	ID*120 37.7 *					*N	31.55*N	75.5
TULLOCH	*CA00265*	STANISLAUS RIVER	*H I	*OAKDALE S	*SA 37 52.5 *	980.0*	1500.*	157.*	171.*	68.*E	17.10E	70.2
	SPK0079			*N JOAQUIN	ID*120 36.2 *					*N	0.*N	0.
MIDDLE FORK	*CA00307*	MID FK MOKELUMNE	*I S	*CALAVERAS P	*S 38 23.1 *	29.0*	62.*	68.*	60.*	2.*E	0.*E	0.
	SPK0080	RIVER		*U DIST	*120 26.5 *					*N	1.66*N	1.3
JEFF DAVIS	*CA00309*	TR1 WET GULCH CR	*I S	*CALAVERAS P	*S 38 20.6 *	1.0*	3.*	93.*	109.*	2.*E	0.*E	0.
	SPK0081	EEK		*U DIST	*120 32.4 *					*N	.09*N	.1
MURPHYS FOREBAY	*CA00420*	TR1 ANGELS CREEK	*H	*PACIFIC GAS	*S 38 8.9 *	206.0*	524.*	685.*	64.*	0.*E	3.60E	16.0
	SPK0082			*ELECT CO	*120 26.0 *					*N	131.04*N	220.6
HUNTERS RESERVOIR	*CA00423*	HILL CREEK	*H I	*PACIFIC GAS	*S 38 11.9 *	206.0*	524.*	685.*	36.*	0.*E	0.*E	0.
	SPK0083			*ELECT CO	*120 21.6 *					*N	134.64*N	236.6
SALT SPRINGS VALLEY RESERVOIR	*CA00620*	ROCK CR	*S I	*OAKDALE CREEK	*W 38 1.6 *	20.0*	8.*	36.*	42.*	11.*E	0.*E	0.
	SPK0084			*ATER DIST	*120 45.6 *					*N	.08*N	.1
ANGELS POWERHOUSE	*CA00800*	ANGELS CREEK	*H	*PACIFIC GAS	*S 38 4.3 *	213.0*	542.*	448.*	0.*	0.*E	1.40E	6.2
	SPK0085			*AND ELECT.	*120 32.3 *					*N	89.65*N	153.8
NEW HOGAN LAKE	*CA10109*	CALAVERAS RIVER	*CIR	*DAEN SPK	*S 38 9.1 *	363.0*	241.*	144.*	195.*	357.*E	0.*E	0.
	SPK0086				*120 48.7 *					*N	4.59*N	9.6
NEW MELONES	*CA10246*	STANISLAUS RIVER	*CIHRODUI	*USBR	*S 37 56.0 *	900.0*	1560.*	460.*	614.*	2870.*E	300.00E	430.0
	SPK5000		*U		*120 31.3 *					*N	0.*N	0.

COUNTY NAME: COLUSA				FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF					

BEAR VALLEY	*CAU0052*	BEAR CREEK			*S 39 2.5 *	100.0*	186.*	299.*	356.*	2470.*U	0.*U	0.
	SPK1421				*122 24.5 *					*T	18.51*T	23.1

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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 C A L I F O R N I 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: COLUSA FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
FUNKS *CAU0131*FUNKS CRK *I * * * 39 19.5 * 15.0 * 180. * 67. * 75. * 17. *U 0. *U 0.
*SPK0088 * * * * 122 16.5 * * * * * * *T .70 *T 1.0
*****
GOLDEN GATE *CAU0136*STONE CORRAL * F * * * 39 18.8 * 38.0 * 77. * 47. * 63. * 48. *U 0. *U 0.
*SPK0089*UNKS CREEK * * * * 122 20.5 * * * * * * *T 1.20 *T 2.0
*****
SITES RES *CAU0275*STONE CORRAL CRK *IH * * * 39 18.8 * 38.0 * 186. * 225. * 243. * 1216. *U 0. *U 0.
*SPK0090 * * * * 122 20.5 * * * * * * *T 3.00 *T 7.6
*****
EAST PARK RESERV *CA10145*LITTLE STONY CRE *IS *DDI USBR * 39 22.0 * 102.0 * 88. * 90. * 92. * 55. *E 0. *E 0.
DIR *SPK0091*EK * * * * 122 30.9 * * * * * * *N 2.30 *N 3.8
*****
COUNTY NAME: CONTRA COSTA FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
KELLOG *CAU0172*KELLOG CREEK * * * * 37 48.6 * 7.0 * 3. * 104. * 170. * 135. *U 0. *U 0.
*SPK0092 * * * * 121 43.6 * * * * * * *T .08 *T .1
*****
SAN PABLO RESERV *CA00166*SAN PABLO CREEK *S *EAST BAY M U * 37 56.6 * 32.0 * 18. * 132. * 155. * 43. *E 0. *E 0.
DIR *SPN0006 * * * * 122 15.5 * * * * * * *N .55 *N .7
*****
BRIONES RESERVIO *CA00172*BEAR CREEK *S *EAST BAY M U * 37 54.8 * 8.6 * 3. * 222. * 261. * 68. *E 0. *E 0.
R *SPN0007 * * * * 122 12.5 * * * * * * *N .20 *N .3
*****
MARSH CRK *CA00809*MARSH CR *C *CONTRA COSTA * 37 53.4 * 52.0 * 9. * 40. * 47. * 4. *E 0. *E 0.
*SPK0093 * * * * 121 43.4 * * * * * * *N .16 *N .1
*****
COUNTY NAME: EL DORADO FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
AUKUM RESERVOIR *CAU0046*SOUTH FORK COSUM *I * * * 38 33.0 * 58.0 * 47. * 176. * 184. * 120. *U 0. *U 0.
*SPK0094*NES RIVER * * * * 120 44.0 * * * * * * *T 2.97 *T 5.8
*****
BAKERS FORD *CAU0048*MIDDLE FORK COSU * * * 38 37.5 * 88.0 * 76. * 81. * 110. * 16. *U 0. *U 0.
*SPK0095*KNES RIVER * * * * 120 41.1 * * * * * * *T 2.09 *T 4.1
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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 C A L I F O R N I A

(07/09/79)

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*****
* IDENT * NAME OF STREA* PROJ* * AVERAGE * NET * HEIGHT* MAXIMUM* *
* NUMBER* OR RIVER * PURP* * ANNUAL * POWER * OF * STORAGE* CAPACITY* ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: EL DORADO FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
BRIDGEPORT RESER*CAU0064*SOUTH FORK CONSU* * 38 32.7 * 536.0* 481.* 95.* 130.* 36.*U 0.*U 0.
VOIR *SPK0096*MNES RIVER * * 120 43.5 * * * * * *T 3.11*T 12.5
* * * * *
CAPPS CROSSING *CAU0074*NORTH FORK COSUM*I * 38 38.2 * 19.0* 33.* 140.* 162.* 25.*U 0.*U 0.
*SPK0097*NES * * 120 22.6 * * * * *T 1.61*T 2.8
* * * * *
CASE VALLEY RESE*CAU0075*SOUTH FORK COSUM* * 38 31.0 * 6.0* 16.* 145.* 196.* 16.*U 0.*U 0.
RVOIR *SPK0098*NES RIVER * * 120 32.6 * * * * *T .68*T 1.6
* * * * *
COLOMA AFTERBAY *CAU0091*SOUTH FORK AMERI* * 38 47.0 * 631.0* 1341.* 40.* 0.* 2.*U 0.*U 0.
*SPK0099*CAN RIVER * * 120 53.0 * * * * *T 5.03*T 21.7
* * * * *
COLOMA RESERVOIR*CAU0092*SOUTH FORK AMERI* * 38 47.0 * 616.0* 1310.* 160.* 160.* 0.*U 0.*U 0.
*SPK0100*CAN RIVER * * 120 52.0 * * * * *T 64.78*T 139.1
* * * * *
EL DORADO *CAU0116*SOUTH FORK AMERI* * 38 46.7 * 449.0* 676.* 1900.* 0.* 246.*U 0.*U 0.
*SPK0101*CAN RIVER * * 120 37.8 * * * * *T 457.49*T 843.1
* * * * *
FORNI SOUTH FORK*CAU0129*SOUTH FORK AMERI* * 38 47.0 * 64.0* 57.* 111.* 150.* 2.*U 0.*U 0.
RESERVOIR *SPK0102*CAN RIVER * * 120 10.0 * * * * *T 2.07*T 4.0
* * * * *
INDIAN CREEK RES*CAU0155*WEBER CREEK * * 38 44.0 * 214.0* 209.* 200.* 137.* 8.*U 0.*U 0.
ERVOIR *SPK0103* * * 120 56.0 * * * * *T 14.63*T 25.9
* * * * *
KYBURZ *CAU0178*SOUTH FORK AMERI* * 38 46.0 * 108.0* 160.* 1055.* 0.* 0.*U 0.*U 0.
*SPK0104*CAN RIVER * * 120 19.5 * * * * *T 73.52*T 109.6
* * * * *
MICHIGAN BAR *CAU0203*COSUMNES RIVER * * 38 30.0 * 536.0* 481.* 78.* 105.* 84.*U 0.*U 0.
*SPK0105* * * 121 3.0 * * * * *T 2.57*T 10.3
* * * * *
MIDDLE END RESER*CAU0206*NORTH FORK COSUM* * 38 40.5 * 43.0* 38.* 133.* 180.* 7.*U 0.*U 0.
VOIR *SPK0106*NES RIVER * * 120 32.2 * * * * *T 1.67*T 3.2
* * * * *
PARK CREEK RESER*CAU0237*PARK CREEK * * 38 44.0 * 10.0* 23.* 1850.* 180.* 7.*U 0.*U 0.
VOIR *SPK0107* * * 120 29.0 * * * * *T 17.44*T 27.5
* * * * *
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P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F C A L I F O R N I 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: EL DORADO FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
PI PI *CAU0243*MIDDLE FORK COSUMES RIVER * 38 34.3 * 45.0 * 58. * 260. * 294. * 70. * 0. * 0.
*SPK0106*MNES RIVER * 120 25.5 * * * * * * * 3.22 * 6.5
PLUM CREEK RESERVOIR *CAU0247*PLUM CREEK * 38 45.0 * 5.0 * 13. * 1550. * 170. * 0. * 0. * 0.
*SPK0109 * 120 25.0 * * * * * * * 2.61 * 10.3
SALMON FALLS *CAU0263*SOUTH FORK AMERICAN RIVER * 38 46.0 * 807.0 * 1716. * 235. * 250. * 112. * 0. * 0.
*SPK0110 * 121 1.0 * * * * * * * 124.64 * 267.7
SALMON FALLS AFTER BAY *CAU0264*SOUTH FORK AMERICAN RIVER * 38 47.0 * 687.0 * 1460. * 45. * 60. * 1. * 0. * 0.
*SPK0111 * 121 2.0 * * * * * * * 5.87 * 25.7
SALMON FALLS (ALTERNATE PLAN) *CAU0265*SOUTH FORK AMERICAN RIVER * 38 50.0 * 673.0 * 1431. * 450. * 0. * 7. * 0. * 0.
*SPK0112 * 120 57.0 * * * * * * * 199.04 * 427.6
SILVER FORK PH *CAU0273*SOUTH FORK AMERICAN RIVER * 38 46.0 * 180.0 * 267. * 1590. * 0. * 0. * 0. * 0.
*SPK0113 * 120 19.5 * * * * * * * 184.68 * 275.3
SOPIAGO RESERVOIR *CAU0276*SOPIAGO CREEK * 38 34.0 * 11.0 * 25. * 115. * 155. * 12. * 0. * 0.
*SPK0114 * 120 31.2 * * * * * * * 1.19 * 1.9
SQUAW HOLLOW RESERVOIR *CAU0287*SQUAW HOLLOW CREEK * 38 40.3 * 6.0 * 16. * 61. * 85. * 5. * 0. * 0.
*SPK0115 * 120 45.0 * * * * * * * .30 * .7
TEXAS HILL RESERVOIR *CAU0301*WEBBER CREEK * 38 42.0 * 24.0 * 40. * 150. * 170. * 22. * 0. * 0.
*SPK0116 * 120 47.0 * * * * * * * 2.04 * 3.7
VAN WINKLE *CAU0309*SOUTH FORK AMERICAN RIVER * 38 42.0 * 37.0 * 100. * 1600. * 0. * 0. * 0. * 0.
*SPK0117 * 120 12.0 * * * * * * * 62.96 * 107.2
VOLCANO RESERVOIR *CAU0311*SUTTER CREEK * 38 26.4 * 40.0 * 36. * 155. * 210. * 15. * 0. * 0.
*SPK0118 * 120 40.9 * * * * * * * 1.61 * 3.5
WEBBER (ENLARGED) *CAU0317*WEBBER CREEK * 38 42.9 * 8.0 * 18. * 124. * 168. * 6. * 0. * 0.
*SPK0119 * 120 41.3 * * * * * * * .94 * 1.5
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I N T H E S T A T E O F C A L I F O R N I A

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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,4) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: EL DORADO FERC POWER SUPPLY AREA 45 FERC REGIONAL OFFICE CODE SF
*****
WEBBER *CA00226*WEBBER CREEK *I *EL DORADO IR* 38 43.0 * 10.0* 17.* 72.* 85.* 1.*E 0.*E 0.
*SPK0120* *M DIST *120 4.4 * * * * * *N .46*N .8
ECHO LAKE *CA00374*TRI UPPER TRUCKEE*H *PACIFIC GAS * 38 50.1 * 33.0* 68.* 5.* 6.* 2.*E 0.*E 0.
*SPK0121*E RIVER *+ ELECT CO *120 2.6 * * * * * *N .17*N .3
EL DORADO FOREBAY *CA00375*LUNG CANYON *M *PACIFIC GAS * 38 46.2 * 217.0* 322.* 1909.* 82.* 0.*E 20.00*E 97.9
*SPK0122* *+ ELECT CO *120 35.1 * * * * * *N 247.31*N 300.6
CHILI BAR *CA00418*S FK AMERICAN RIVER*H S *PACIFIC GAS * 38 46.3 * 600.0* 1583.* 60.* 60.* 4.*E 7.02*E 37.0
*SPK0123*VER *+ ELECT CO *120 46.7 * * * * * *N 0.*N 0.
STUMPY MEADOWS RESERVOIR *CA00607*PILOT CR *S I O*GEORGETOWN D* 38 54.2 * 12.0* 26.* 129.* 152.* 20.*E 0.*E 0.
*SPK0124* *IVIOE P.U.D.*120 36.2 * * * * * *N .99*N 1.7
ICE HOUSE RESERVOIR *CA00614*S FK SILVER CR *S H *SACRAMENTO * 38 48.3 * 27.0* 76.* 112.* 132.* 46.*E 0.*E 0.
*SPK0125* *UD *120 21.6 * * * * * *N 2.60*N 5.1
JUNCTION RESERVOIR *CA00615*SILVER CR *D H *SACRAMENTO * 38 51.2 * 142.0* 248.* 1535.* 150.* 3.*E 133.00*E 575.0
*SPK0126* *UD *120 27.2 * * * * * *N 0.*N 0.
UNION VALLEY RESERVOIR *CA00616*SILVER CR *S H *SACRAMENTO * 38 52.0 * 167.0* 248.* 420.* 425.* 271.*E 33.25*E 115.0
*SPK0127* *UD *120 26.3 * * * * * *N 0.*N 0.
CAMINO RESERVOIR *CA00617*SILVER CR *S D H*SACRAMENTO * 38 49.8 * 250.0* 99.* 1065.* 58.* 1.*E 142.50*E 441.6
*SPK0128* *UD *120 32.1 * * * * * *N 0.*N 0.
GERLE *CA00618*GERLE CR *S D H*SACRAMENTO * 38 56.3 * 24.0* 132.* 41.* 48.* 1.*E 0.*E 0.
*SPK0129* *UD *120 23.5 * * * * * *N 1.04*N 1.8
ROBBS PEAK *CA00619*S FK RUBICON R *S D H*SACRAMENTO * 38 56.8 * 83.0* 123.* 356.* 31.* 0.*E 23.75*E 55.0
*SPK0130* *UD *120 23.3 * * * * * *N 0.*N 0.
LOON LAKE *CA00620*GERLE CR *S D H*SACRAMENTO * 39 .2 * 8.0* 25.* 1133.* 100.* 77.*E 74.10*E 117.0
*SPK0131* *UD *120 16.6 * * * * * *N 0.*N 0.
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I N T H E S T A T E O F C A L I F O R N I A

(07/09/79)

PROJECT NAME	* IDENT * NUMBER * (1)	* NAME OF STREAM * OR RIVER	* PROJ * FURP * (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: EL DORADO												

BUCK ISLAND WESE RVDIR	*CA00821 *SPK0132	*LITTLE RUBICON	*CHSR *UD	*SACRAMENTO	* 39 2 * 120 15.2	* 31.0	* 123.	* 13.	* 15.	* 1.	* 0.	* 0.
RUBICON RESERVOIR	*CA00822 *SPK0133	*RUBICON R	*S D *UD	*SACRAMENTO	* 38 59.3 * 120 13.3	* 27.0	* 110.	* 26.	* 30.	* 1.	* 0.	* 0.
SLAB CRK	*CA00823 *SPK0134	*S FK AMERICAN K	*S D *UD	*SACRAMENTO	* 38 46.4 * 120 42.0	* 493.0	* 614.	* 854.	* 213.	* 17.	* 190.00	* 618.6
BRUSH CRK	*CA00824 *SPK0135	*BRUSH CR	*S D *UD	*SACRAMENTO	* 38 28.2 * 120 37.2	* 8.0	* 18.	* 174.	* 205.	* 2.	* 0.	* 0.
JENKINSON LAKE (SLYPARK DAM)	*CA10187 *SPK0136	*SLY PARK CREEK D *FFSTREAM	*DOI *	*USBR	* 38 42.8 * 120 33.6	* 16.0	* 27.	* 165.	* 170.	* 44.	* 0.	* 0.

COUNTY NAME: FRESNO												

ALCALDE RANCH	*CAU0037 *SPK0137	*WARTHAN CRK	*	*	* 36 5.0 * 120 25.7	* 91.0	* 4.	* 127.	* 160.	* 0.	* 0.	* 0.
CEDAR GROVE	*CAU0078 *SPK0138	*SOUTH FORK KINGS * RIVER	*	*	* 36 50.0 * 118 52.0	* 385.0	* 541.	* 2070.	* 0.	* 80.	* 0.	* 0.
DINKEY MEADOW RE SERVOIR	*CAU0109 *SPK0139	*DINKEY CREEK	*	*	* 37 2.2 * 119 8.1	* 105.0	* 147.	* 2530.	* 305.	* 60.	* 0.	* 0.
JACALITOS	*CAU0162 *SPK0140	*JACALITOS CRK	*	*	* 40 6.0 * 121 11.5	* 10.0	* 18.	* 43.	* 58.	* 0.	* 0.	* 0.
JUNCTION RESERVOIR	*CAU0164 *SPK0141	*KINGS RIVER	*H	*	* 36 50.8 * 118 53.6	* 100.0	* 148.	* 1095.	* 240.	* 1.	* 0.	* 0.
KELLERS RANCH	*CAU0171 *SPK0142	*KINGS RIVER	*	*	* 36 53.0 * 119 8.0	* 1530.0	* 2094.	* 280.	* 0.	* 133.	* 0.	* 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 C A L I F O R N I 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: PREBNO					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				

LITTLE DRY CREEK	*CAU0185*	LITTLE DRY CREEK	*I*		* 36 56.6 *	40.0*	2000.*	123.*	131.*	36.*	0.*	0.
	SPK0143				*119 41.4 *					*T	2.62*	4.3
MILL CREEK	*CAU0208*	MILL CRK			* 36 46.0 *	127.0*	178.*	222.*	300.*	355.*	0.*	0.
	SPK0144				*119 22.0 *					*T	20.81*	24.3
NUNEZ RANCH	*CAU0223*	LOS GATOS CRK			* 36 13.0 *	94.0*	4.*	125.*	167.*	0.*	0.*	0.
	SPK0145				*120 27.5 *					*T	.11*	.1
OWEN MOUNTAIN RE	*CAU0231*	LITTLE DRY CREEK			* 36 56.9 *	40.0*	70.*	285.*	340.*	750.*	0.*	0.
SERVOIR	*SPK0146*				*119 40.0 *					*T	4.69*	8.8
ROSS	*CAU0259*	DINKEY CREEK			* 36 59.0 *	89.0*	143.*	1100.*	0.*	54.*	0.*	0.
	SPK0147				*119 7.0 *					*T	48.07*	107.7
TEHIPITE	*CAU0299*	MIDDLE FORK KING			* 36 51.0 *	291.0*	409.*	1710.*	0.*	24.*	0.*	0.
	SPK0148	S RIVER			*118 52.0 *					*T	367.63*	429.1
BALCH DIVERSION	*CA00335*	N. F. KINGS RIVE	*H*	*PACIFIC GAS	* 36 55.2 *	233.0*	387.*	2389.*	108.*	1.*	128.20*	613.6
	SPK0149	R		** ELECTRIC	*119 1.3 *					*N	0.*	0.
BALCH AFTERBAY	*CA00336*	N FK KINGS RIVER	*H*	*PACIFIC GAS	* 36 54.4 *	50.0*	387.*	1412.*	104.*	0.*	44.10*	207.9
	SPK0150			** ELECT CO	*119 6.0 *					*N	0.*	0.
WISHON	*CA00411*	N FK KINGS RIVER	*H*	*PACIFIC GAS	* 37 .1 *	181.0*	362.*	2450.*	250.*	128.*	135.00*	517.5
	SPK0151			** ELECT CO	*118 58.2 *					*N	0.*	0.
COURTRIGHT RESER	*CA00412*	HELMS CREEK	*H*	*PACIFIC GAS	* 37 4.3 *	40.0*	76.*	1634.*	307.*	123.*	0.*	0.
VOIR	*SPK0152*			** ELECT CO	*118 57.9 *					*N	1050.00*	1000.0
BEAR CREEK DIVER	*CA00428*	BEAR CREEK	*H*	*SOUTHERN CAL	* 37 20.1 *	54.0*	90.*	42.*	49.*	0.*	0.*	0.
SION	*SPK0153*			*IF EDISON CO	*118 58.4 *					*N	1.38*	2.5
BIG CREEK NO 5	*CA00431*	BIG CREEK	*H*	*SOUTHERN CAL	* 37 12.0 *	125.0*	74.*	40.*	47.*	0.*	0.*	0.
	SPK0154			*IF EDISON CO	*119 18.7 *					*N	.85*	1.8

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 A L I F O R N I A

(07/09/79)

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*****
* PROJECT NAME * I D E N T * NAME OF STREAM * PROJ * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
* NUMBER * OR RIVER * P U R P * U N K N * LONGITUDE * AREA * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: FRESNO FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CODE SF
*****
BIG CREEK NO 6 (D*CA00432*SAN JOAQUIN RIVE*M *SOUTHERN CAL* 37 12.4 * 1224.0* 419.* 627.* 120.* 1.*E 106.50*E 779.0
IVERSON DAM) *SPK0155*R * * *IF EDISON CO*119 19.8 * * * * *N 0. *N 0.
FLORENCE LAKE *CA00433*S FK SAN JOAQUIN*M *SOUTHERN CAL* 37 16.4 * 171.0* 318.* 230.* 135.* 66.*E 10.00*E 51.0
*SPK0156* RIVER * * *IF EDISON CO*118 58.0 * * * * *N 0. *N 0.
MUNTINGTON LAKE *CA00434*BIG CREEK *M *SOUTHERN CAL* 37 13.6 * 420.0* 224.* 2131.* 161.* 89.*E 67.00*E 521.0
NO 1 *SPK0157* * * *IF EDISON CO*119 14.1 * * * * *N 0. *N 0.
SHAVER LAKE *CA00437*STEVENSON CREEK *M *SOUTHERN CAL* 37 8.7 * 472.0* 224.* 2418.* 179.* 135.*E 80.00*E 387.0
*SPK0158* * * *IF EDISON CO*119 18.1 * * * * *N 0. *N 0.
BIG CREEK NO 7 (*CA00440*SAN JOAQUIN RIVE*M *SOUTHERN CAL* 37 8.7 * 1295.0* 419.* 416.* 193.* 35.*E 84.00*E 428.0
WEDINGER LAKE) *SPK0159*R * * *IF EDISON CO*119 27.0 * * * * *N 0. *N 0.
LAKE THOMAS A ED*CA00441*MOND CREEK *M S *SOUTHERN CAL* 37 22.2 * 90.0* 152.* 126.* 151.* 125.*E 0. *E 0.
ISON (VERMILLION)*SPK0160* * * *IF EDISON CO*116 59.0 * * * * *N 2.65*N 9.6
MAMMOTH POOL RES*CA00443*SAN JOAQUIN RIVE*M S *SOUTHERN CAL* 37 19.3 * 1000.0* 338.* 1100.* 375.* 123.*E 129.36*E 546.0
ERVOIR *SPK0161*R * * *IF EDISON CO*119 19.0 * * * * *N 0. *N 0.
BIG DRY CREEK RE*CA01075*BIG DRY CREEK *C *STATE RECLAM* 36 52.6 * 91.0* 54.* 26.* 35.* 25.*E 0. *E 0.
SERVOIR *SPK0162* * * *ATION GUARD *119 40.0 * * * * *N .40*N .8
BIG CREEK NO.2 P*CA006025*BIG CREEK *M *SOUTHERN CAL* 37 12.0 * -0. * 0.* 1858.* -0.* 0.*E 57.75*E 451.0
H *SPK0163* * * *IF EDISON CO*119 18.4 * * * * *N 0. *N 0.
PINE FLAT LAKE *CA10112*KINGS RIVER *CIRK *DAEN SPK * 36 49.9 * 1545.0* 2242.* 336.* 424.* 1113.*E 0. *E 0.
*SPK0164* * * *119 19.5 * * * * *N 165.00*N 300.0
MILLERTON LAKE (*CA10154*SAN JOAQUIN RIVE*ISCR *DUI USBH * 37 0. * 1650.0* 2406.* 233.* 300.* 556.*E 0. *E 0.
FRIANT DAM) *SPK0165*R * * *119 42.2 * * * * *N 136.76*N 253.8
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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 C A L I F O R N I A

(07/09/79)

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

COUNTY NAME: GLENN					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				

CLARK VALLEY	*CAU0083*	S FK WILLOW CRK	*	*	* 39 32.5 *	39.0*	79.*	69.*	94.*	6.*U	0.*U	0.
	SPK0166		*	*	*122 23.0 *					*T	1.84*T	3.0
HIGH PEAK	*CAU0146*	HUNTERS CREEK	*	*	* 39 23.5 *	17.0*	34.*	54.*	80.*	11.*U	0.*U	0.
	SPK0167		*	*	*122 20.0 *					*T	.70*T	1.0
RANCHERIA	*CAU0254*	STONY CREEK	*IC	*	* 39 19.0 *	597.0*	338.*	296.*	400.*	5040.*U	0.*U	0.
	SPK0168		*	*	*122 23.5 *					*T	44.41*T	48.0
SQUAW FLAT	*CAU0285*	LOGAN CREEK	*	*	* 39 28.5 *	21.0*	43.*	44.*	60.*	8.*U	0.*U	0.
	SPK0169		*	*	*122 20.0 *					*T	.63*T	1.0
STONY GORGE RESE	*CA10144*	STONY CREEK	*ID	*DOI USBH	* 39 35.1 *	301.0*	303.*	113.*	119.*	59.*E	0.*E	0.
HYDRO	*SPK0170*		*	*	*122 31.9 *					*N	16.88*N	30.2

COUNTY NAME: HUMBOLDT					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				

SEQUOIA	*CAU0018*	EEL RIVER	*	*	* 40 1.9 *	2220.0*	4795.*	455.*	615.*	5000.*U	0.*U	0.
	SPN0008		*	*	*123 4.7 *					*T	891.64*T	1315.9
LARABEE	*CAU0020*	SO FK VAN DUZEN	*	*	* 40 2.7 *	56.0*	205.*	148.*	200.*	70.*U	0.*U	0.
	SPN0009	RIVER	*	*	*123 4.0 *					*T	2.43*T	4.5
YAGER	*CAU0023*	YAGER CREEK	*	*	* 40 3.4 *	115.0*	299.*	148.*	200.*	120.*U	0.*U	0.
	SPN0010		*	*	*124 0. *					*T	37.80*T	55.8

COUNTY NAME: IMPERIAL					FERC POWER SUPPLY AREA 47			FERC REGIONAL OFFICE CODE SF				

IMPERIAL DIVERSI	*CA10159*	COLORADO	*IKO	*DOI USBH	* 32 53.0 *	187000.0*	11250.*	17.*	23.*	90.*E	0.*E	0.
ON	*SPLO073*		*	*	*114 28.0 *					*N	59.70*N	120.4
(SENATOR WASH RE	*CA10175*	SENATOR WASH OFF	*OHR	*DOI USBH	* 32 54.7 *	1.0*	1.*	30.*	39.*	18.*E	0.*E	0.
SERVOIR) NORTH	*SPLO074*	STREAM	*	*	*114 28.7 *					*N	1.82*N	.0
	*		*	*	*					*		

LEGEND												

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * ON RIVER * PURP * OWNER * LONGITUDE * AREA * INFLU * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DN,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: IMPERIAL FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CODE SF
*****
SENATOR WASH (HE*CA10185*SENATUR WASH=AL9*OHR *DOI USBR * 32 53.4 * 1.0* 1.* 61.* 78.* 18.*E 7.20*E 3.6
SERVOIR) *SPL5001*O OFFSTREAM* * * *114 28.5 * * * * *N 0.*N 0.
* * * * *
SENATOR WASH RES*CA10191*SENATUR WASH OFF*OHR *DOI USBR * 32 54.5 * 1.0* 1.* 50.* 64.* 18.*E 0.*E 0.
ERVOIR=SQUAW LAK*SPL0075*STREAM* * * *114 28.7 * * * * *N .40*N .0
*****
COUNTY NAME: INYO FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CODE SF
*****
HAIWEE *CA00082*ROSE VALLEY *S *CITY OF LOS * 36 8.2 * 89.0* 43.* 55.* 65.* 59.*E 5.60*E 35.0
*SPL0076* * * *ANGELES DWP *117 56.9 * * * * *N 0.*N 0.
* * * * *
TINEMAHA *CA00084*OWENS RIVER *S *CITY OF LOS * 37 3.5 * 1915.0* 379.* 28.* 33.* 16.*E 0.*E 0.
*SPL0077* * * *ANGELES *118 13.5 * * * * *N 1.65*N 7.7
* * * * *
PLEASANT VALLEY *CA00098*OWENS RIVER *H S *CITY OF LOS * 37 24.8 * 574.0* 293.* 65.* 76.* 4.*E 3.20*E 11.0
*SPL0078* * * *ANGELES *118 31.2 * * * * *N 0.*N 0.
*****
COUNTY NAME: KERN FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CODE SF
*****
ANT HILL *CA00040*KERN RIVER * * * * 35 26.0 * 2420.0* 160.* 174.* 0.* 70.*U 0.*U 0.
*SPK0171* * * * *118 53.0 * * * * *T 2.59*T 6.3
* * * * *
CANEBAKE *CA00072*CANEBREAK CREEK * * * * 35 43.1 * 29.0* 14.* 74.* 100.* 5.*U 0.*U 0.
*SPK0172* * * * *118 4.1 * * * * *T .44*T .6
* * * * *
KELSO *CA00174*KELSO CREEK * * * * 35 33.8 * 83.0* 31.* 44.* 60.* 6.*U 0.*U 0.
*SPK0173* * * * *118 14.5 * * * * *T .50*T .8
* * * * *
UNYX *CA00230*SOUTH FK KERN RI * * * * 35 43.8 * 475.0* 98.* 1610.* 0.* 72.*U 0.*U 0.
*SPK0174*VER * * * * *118 10.1 * * * * *T 52.87*T 88.9
* * * * *
POSO *CA00246*POSO CRK * * * * 35 31.5 * 230.0* 121.* 96.* 96.* 0.*U 0.*U 0.
*SPK0175* * * * *118 56.0 * * * * *T 3.05*T 6.8
* * * * *
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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 C A L I F O R N I 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: KERN					FERC POWER SUPPLY AREA 47			FERC REGIONAL OFFICE CODE SF				
KERN RIVER NO. 1	*CA00429*	KERN RIVER	*H	*SOUTHERN CAL	* 35 31.5 *	* 2273.0 *	* 575. *	* 87. *	* 28. *	* 0. *	*E 16.00*	*E 139.0
	SPK0176			*IF EDISON CO	* 118 40.4 *						*N 5.00*	*N 41.0
KERN RIVER STATE	*CA00720*	TR KERN R	*S R	*COUNTY OF KE	* 35 26.4 *	* 2400.0 *	* 456. *	* 12. *	* 14. *	* 1. *	*E 0. *	*E 0.
PARK LAKE	*SPK0177*			*RN	* 118 52.0 *						*N 3.21*	*N 7.7
KERN RIVER NO. 3	*CA08010*	KERN RIVER	*H	*SOUTHERN CAL	* 35 47.0 *	* 852.0 *	* 861. *	* 821. *	* 0. *	* 0. *	*E 32.00*	*E 197.5
POWERHOUSE	*SPK0178*			*IF. EDISON	* 118 27.0 *						*N 0. *	*N 0.
KERN CANYON PH	*CA08029*	ISABELLA LAKE	*H	*PG AND E	* 35 26.0 *	* -0. *	* 0. *	* 26. *	* -0. *	* 0. *	*E 8.48*	*E 47.2
	SPK0179				* 118 47.4 *						*N 0. *	*N 0.
ISABELLA LAKE	*CA10106*	KERN RIVER	*CIH	*DAEN SPK	* 35 36.3 *	* 2074.0 *	* 950. *	* 261. *	* 173. *	* 842. *	*E 9.20*	*E 64.0
	SPK0180				* 118 28.4 *						*N 0. *	*N 0.
COUNTY NAME: LAKE					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				
BOGGS	*CAU0063*	KELSEY CREEK	*	*	* 38 51.0 *	* 37.0 *	* 74. *	* 140. *	* 190. *	* 57. *	*U 0. *	*U 0.
	SPK0181				* 122 48.0 *						*T 2.60*	*T 4.4
COLLAYOME	*CAU0049*	DRY CREEK	*Ir	*	* 38 43.0 *	* 10.0 *	* 19. *	* 110. *	* 129. *	* 7. *	*U 0. *	*U 0.
	SPK0182				* 122 51.0 *						*T .85*	*T .9
COYOTE CREEK RES	*CAU0097*	COYOTE CREEK	*	*	* 38 48.0 *	* 4.0 *	* 8. *	* 118. *	* 160. *	* 16. *	*U 0. *	*U 0.
	SPK0183				* 122 34.0 *						*T .37*	*T .4
CRAZY CREEK RES	*CAU0098*	CRAZY CREEK	*	*	* 38 46.0 *	* 2.0 *	* 4. *	* 59. *	* 80. *	* 12. *	*U 0. *	*U 0.
	SPK0184				* 122 35.0 *						*T .09*	*T .1
EXCELSIOR	*CAU0119*	COPSEY CREEK	*	*	* 38 53.0 *	* 5.0 *	* 10. *	* 67. *	* 90. *	* 38. *	*U 0. *	*U 0.
	SPK0185				* 122 35.0 *						*T .26*	*T .3
INDIAN VALLEY RE	*CAU0158*	H FORK CACHE CRE	*	*	* 39 4.0 *	* 197.0 *	* 194. *	* 180. *	* 180. *	* 0. *	*U 0. *	*U 0.
SERVOIR	*SPK0186*	EK	*	*	* 122 14.5 *						*T 7.37*	*T 13.4

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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 A L I F O R N I 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 * INFLW * (CFS)	* NET * POWER * HEAD * (FT)	* HEIGHT * OF * DAM * (FT)	* MAXIMUM * STORAGE * (1000 * AC FT)	* CAPACITY * (MW) * (3)	* ENERGY * (GWH) * (3)
COUNTY NAME: LASSEN				FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF					
BIG VALLEY	*CAU0059*	PIT RIVER	*	*	* 41 1.0 *	* 2900.0 *	* 559. *	* 840. *	* 0. *	* 1000. *	* 0. *	* 0. *
	SPK0198		*	*	* 121 16.0 *					*T	* 184.83 *	*T 283.2
DEVILS CORRAL	*CAU0108*	SUSAN RIVER	*	*	* 40 24.0 *	* 184.0 *	* 97. *	* 140. *	* 189. *	* 30. *	* 0. *	* 0. *
	SPK0199		*	*	* 120 45.5 *					*T	* 2.97 *	*T 7.4
EAGLE LAKE DIKE	*CAU0114*	EAGLE LAKE	*	*	* 41 38.5 *	* 226.0 *	* 72. *	* 22. *	* 30. *	* 83. *	* 0. *	* 0. *
	SPK0200		*	*	* 120 43.5 *					*T	* .47 *	*T 1.1
FOURTH BUTTE	*CAU0130*	PIT RIVER	*	*	* 39 59.0 *	* 2690.0 *	* 3024. *	* 118. *	* 160. *	* 90. *	* 0. *	* 0. *
	SPK0201		*	*	* 121 16.5 *					*T	* 98.43 *	*T 238.8
LITTLE VALLEY	*CAU0188*	HORSE CREEK	*	*	* 40 52.5 *	* 59.0 *	* 51. *	* 52. *	* 70. *	* 25. *	* 0. *	* 0. *
	SPK0202		*	*	* 121 8.0 *					*T	* .35 *	*T 1.9
LONG VALLEY	*CAU0189*	LONG VALLEY CREEK	*	*	* 39 53.5 *	* 120.0 *	* 132. *	* 77. *	* 104. *	* 20. *	* 0. *	* 0. *
	SPK0203	K	*	*	* 120 3.5 *					*T	* 3.11 *	*T 6.8
MCCALLISTER	*CAU0199*	WILLOW CREEK	*	*	* 40 26.5 *	* 202.0 *	* 107. *	* 67. *	* 90. *	* 8. *	* 0. *	* 0. *
	SPK0204		*	*	* 120 27.0 *					*T	* 2.47 *	*T 4.5
PETES VALLEY	*CAU0242*	WILLOW CREEK	*	*	* 40 29.5 *	* 244.0 *	* 129. *	* 67. *	* 90. *	* 25. *	* 0. *	* 0. *
	SPK0205		*	*	* 120 28.0 *					*T	* 2.99 *	*T 5.4
INDIAN OLE DAM	*CA00407*	HAMILTON CREEK	*H	*PACIFIC GAS	* 40 17.0 *	* 158.0 *	* 232. *	* 410. *	* 18. *	* 25. *	* 5.39 *	*E 15.8
MTN MEADOWS RES)	*SPK0206*		*	*ELECT CO	* 121 1.5 *					*N	* 23.33 *	*N 42.7
ROUND VALLEY	*CA00509*	ROUND VALLEY CR	*S I	*JACK + THOMA	* 40 31.0 *	* 10.0 *	* 18. *	* 34. *	* 40. *	* 6. *	* 0. *	* 0. *
	SPK0207		*	*S SWICKARD	* 120 39.7 *					*N	* .27 *	*N .4
RED ROCK NO.3	*CA00510*	RED ROCK CR	*S I	*DUDGEE RANCH	* 40 58.1 *	* 2.0 *	* 8. *	* 48. *	* 56. *	* 10. *	* 0. *	* 0. *
	SPK0208		*	*ASSOC	* 120 8.2 *					*N	* .13 *	*N .2
COYOTE FLAT RESE	*CA00513*	COYOTE CR	*S I	*T. E. CONNOL	* 40 54.5 *	* 30.0 *	* 216. *	* 36. *	* 42. *	* 5. *	* 0. *	* 0. *
RVOIR	*SPK0209*		*	*LY	* 120 59.1 *					*N	* 1.30 *	*N 5.5

L E G E N D

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

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*****
* I DENT * NAME OF STREAM * PROJ * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * CF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* * * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LASSEN FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
LAKE LEAVITT *CA00516*TH SUSAN RIVER *S I *LASSEN IHRIG* 40 22.6 * 9.0* 20.* 13.* 15.* 14.*E 0.*E 0.
*SPK0210* * * *CU *120 30.4 * * * * *N *.09*N *.2
MCCOY FLAT RESER*CA00517*SUSAN RIVER *S I *LASSEN IHRIG* 40 27.2 * 110.0* 100.* 14.* 17.* 17.*E 0.*E 0.
VOIR *SPK0211* * * *CO *120 56.5 * * * *N *.18*N 1.0
HEATH RESERVOIR *CA00525*SLATE CR *D I *G. R. HEATH * 40 50.5 * 22.0* 158.* 34.* 40.* 9.*E 0.*E 0.
*SPK0212* * * * * *120 47.1 * * * *N *.92*N 3.8
TULE LAKE *CA00456*CEDAR CR *S I *OCCIDENTAL P* 41 5.0 * 82.0* 26.* 8.* 9.* 40.*E 0.*E 0.
*SPK0213* * * *ET L+D CORP *120 22.0 * * * *N *.06*N *.1
HAT CREEK NO.1 P*CA008031*HAT CREEK *M *PG AND E * 40 55.0 * -0.* 0.* 217.* -0.* 0.*E 10.00*E 19.3
H *SPK0214* * * * * *121 32.5 * * * *N 0.*N 0.
*****
COUNTY NAME: LOS ANGELES FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
JACKASS MEADOW *CA00164*JACKASS CREEK *CR * * * 37 28.6 * 11.0* 14.* 175.* 0.* 95.*U 0.*U 0.
*SPK0215* * * * * *119 18.0 * * * *T *.73*T 1.7
CASTAIC *CA00044*CASTAIC CR *I R *S*CAL DEPT WAT* 34 31.2 * 154.0* 41.* 272.* 320.* 324.*E 56.00*E 60.0
*SPL0079* * * *ER RES *118 36.2 * * * *N 0.*N 0.
PYRAMID *CA00052*PIRU CREEK *I R *S*CAL DEPT WAT* 34 38.7 * 293.0* 125.* 303.* 358.* 171.*E 0.*E 0.
*SPL0080* * * *EH RES *118 45.8 * * * *N 6.12*N 9.2
LOWER SAN FERNAN*CA00076*SAN FERNANDO CRE*S *CITY OF LOS * 34 17.1 * 13.0* 8.* 112.* 132.* 21.*E 0.*E 0.
DO *SPL0081*EK * * *ANGELES *118 28.7 * * * *N *.24*N *.3
BOUQUET CANYON *CA00088*BOUQUET CREEK *S *CITY OF LOS * 34 32.4 * 14.0* 8.* 149.* 175.* 37.*E 0.*E 0.
*SPL0082* * * *ANGELES *118 23.0 * * * *N *.35*N *.5
BIG DALTON *CA00187*BIG DALTON CR *C *LOS ANGELES * 34 10.2 * 5.0* 2.* 106.* 143.* 1.*E 0.*E 0.
*SPL0083* * * *COUNTY FCD *117 48.5 * * * *N *.10*N *.2
*****

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LEGEND

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P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F C A L I F O R N I 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: LOS ANGELES					FERC POWER SUPPLY AREA 47			FERC REGIONAL OFFICE CODE SF				

BIG SANTA ANITA	*CA00188*	THI RIO MONDO	*I S	*LOS ANGELES	* 34 11.0 *	11.0*	7.*	160.*	216.*	1.*E	0.*E	0.*
	SPL0084			*COUNTY FCD	*118 1.1 *					*N	.36*N	.5
DEVILS GATE	*CA00189*	ARROYO SECO	*C	*LOS ANGELES	* 34 11.1 *	32.0*	9.*	62.*	84.*	3.*E	0.*E	0.*
	SPL5002			*COUNTY FCD	*118 10.5 *					*N	.25*N	.3
COGSWELL	*CA00190*	W FK SAN GABRIEL	*H I S	*LOS ANGELES	* 34 14.7 *	39.0*	25.*	181.*	245.*	9.*E	0.*E	0.*
	SPL0086			*COUNTY FCD	*117 57.9 *					*N	1.34*N	2.8
BIG TUJUNGA	*CA00191*	BIG TUJUNGA CREEK	*S	*LOS ANGELES	* 34 17.6 *	82.0*	22.*	137.*	186.*	6.*E	0.*E	0.*
	SPL0087	*K		*COUNTY FCD	*118 11.2 *					*N	.87*N	1.2
PACOIMA	*CA00193*	PACOIMA CREEK	*C	*LOS ANGELES	* 34 20.1 *	28.0*	9.*	222.*	300.*	3.*E	0.*E	0.*
	SPL0088			*COUNTY FCD	*118 23.7 *					*N	.79*N	.8
PUDDINGSTONE	*CA00194*	WALNUT CREEK	*C	*LOS ANGELES	* 34 5.3 *	32.0*	10.*	100.*	135.*	17.*E	0.*E	0.*
	SPL0089			*COUNTY FCD	*117 48.7 *					*N	.59*N	1.5
SAN DIMAS	*CA00195*	SAN DIMAS CREEK	*C I	*LOS ANGELES	* 34 9.3 *	16.0*	5.*	81.*	109.*	2.*E	0.*E	0.*
	SPL0090			*COUNTY FCD	*117 46.3 *					*N	.35*N	.4
SAN GABRIEL	*CA00200*	SAN GABRIEL RIVE	*C	*LOS ANGELES	* 34 12.4 *	203.0*	145.*	208.*	282.*	46.*E	0.*E	0.*
	SPL0091	*R		*COUNTY FCD	*117 51.5 *					*N	4.01*N	5.4
MORRIS	*CA00216*	SAN GABRIEL RIVE	*S	*METROPOLITAN	* 34 10.4 *	217.0*	99.*	208.*	245.*	30.*E	0.*E	0.*
	SPL0092	*R		*WATER DIST	*117 52.8 *					*N	4.16*N	5.7
LITTLEROCK	*CA00237*	LITTLEROCK CREEK	*I	*LITTLEROCK P	* 34 29.1 *	64.0*	16.*	94.*	110.*	4.*E	0.*E	0.*
	SPL0093			*ALMDALE ID	*118 1.3 *					*N	.69*N	.9

COUNTY NAME: MADERA					FERC POWER SUPPLY AREA 45			FERC REGIONAL OFFICE CODE SF				

CHIQUITO RESEVOI	*CAU0081*	CHIQUITO CREEK	*	*	* 37 21.3 *	146.0*	86.*	1650.*	158.*	75.*U	0.*U	0.*
R	*SPK0216*			*	*119 22.3 *					*T	40.98*T	84.8

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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 A L I F O R N I A

(07/09/79)

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

COUNTY NAME: MADERA					FERC POWER SUPPLY AREA 46		FERC REGIONAL OFFICE CODE SF					

CORRINE LK(SAN J)	CA00338	TRI N FK SAN JOA	H	PACIFIC GAS	37 9.5	51.0	85.	47.	15.	0.	E	.34E 1.7
DAQUIN NO 1A FOR	SPK0229	QUIN RIVER	*	ELECT CO	119 29.5	*	*	*	*	N	0.	N 0.

SAN JOAQUIN P.H.	CA00339	TRI N FK SAN JOA	H	PACIFIC GAS	37 15.2	50.0	85.	402.	25.	0.	E	4.00E 17.5
NO. 3 FOREBAY	SPK0230	QUIN RIVER	*	ELECT CO	119 31.8	*	*	*	*	N	0.	N 0.

KERCKHOFF DIVERS	CA00340	SAN JOAQUIN RIVE	H	PACIFIC GAS	37 7.7	1461.0	2372.	350.	83.	4.	E	34.08E 264.1
ION	SPK0231	R	*	ELECT CO	119 31.5	*	*	*	*	N	100.00	N 600.0

MANZANITA LK(SAN	CA00342	N FK SAN JOAQUIN	H	PACIFIC GAS	37 14.6	50.0	85.	404.	24.	0.	E	2.88E 22.0
JOAQUIN NO 2 FO	SPK0232	RIVER	*	ELECT CO	119 30.9	*	*	*	*	N	0.	N 0.

WISHON POWERHOU	CA08026	WILLOW CREEK	H	PG AND E	37 9.0	-0.	0.	1411.	-0.	0.	E	12.80E 94.2
E	SPK0233		*	*	119 30.2	*	*	*	*	N	815.36	N 1442.7

BIG CREEK NO. 8	CA08027	BIG CREEK	H	SOUTHERN CAL	37 12.0	-0.	0.	713.	-0.	0.	E	58.50E 337.0
H	SPK0234		*	IF EDISON CO	119 19.8	*	*	*	*	N	0.	N 0.

H V EASTMAN LAKE	CA10243	CHOWCHILLA RIVER	CIR	DAEN SPK	37 13.0	254.0	102.	159.	200.	192.	E	0. E 0.
(BUCHANAN DAM)	SPK0235		*	*	119 59.0	*	*	*	*	N	3.26	N 5.6

HENSLEY LAKE (HI	CA10244	FRESNO RIVER	CIR	DAEN SPK	37 6.6	258.0	106.	81.	151.	118.	E	0. E 0.
DDEN DAM)	SPK0236		*	*	119 53.0	*	*	*	*	N	2.06	N 3.2

COUNTY NAME: MARIN					FERC POWER SUPPLY AREA 46		FERC REGIONAL OFFICE CODE					

KENT LAKE	CA00208	LAGUNITAS CREEK	S	MARIN MUN WA	37 59.8	11.5	4.	149.	175.	17.	E	0. E 0.
	SPN0012		*	TER DIST	122 42.2	*	*	*	*	N	.18	N .2

NICASIO RESERVIO	CA00209	NICASIO CREEK	S	MARIN MUN WA	38 4.6	36.0	23.	85.	100.	23.	E	0. E 0.
R	SPN0013		*	TER DIST	122 45.2	*	*	*	*	N	.82	N .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 C A L I F O R N I 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: MARIPOSA					FERC POWER SUPPLY AREA 46		FERC REGIONAL OFFICE CODE SF					
BAGBY	*CAU0047* *SPK0237*	MERCED RIVER	*	*	* 37 36.8 * *120 7.7 *	912.0*	1152.*	400.*	0.*	415.*	0.*	0.
												147.47*T 315.0
COULTERVILLE	*CAU0094* *SPK0238*	MAXWELL CREEK	*	*	* 37 39.0 * *120 22.1 *	5.0*	2.*	148.*	200.*	22.*	0.*	0.
												.08*T .1
HITE COVE	*CAU0148* *SPK0239*	SOUTH FORK MERCE D RIVER	*	*	* 37 38.0 * *119 50.0 *	185.0*	348.*	1000.*	0.*	50.*	0.*	0.
												140.00*T 235.8
MARGUERITE	*CAU0197* *SPK0240*	DUTCHMAN AND DEA DMAN CREEK	*	*	* 37 14.0 * *120 10.0 *	59.0*	35.*	24.*	32.*	13.*	0.*	0.
												.24*T .5
NORWEGIAN GULCH RESERVOIR	*CAU0221* *SPK0241*	UPPER BEAR CREEK	*	*	* 37 29.0 * *120 6.4 *	22.0*	67.*	78.*	105.*	7.*	0.*	0.
												1.92*T 3.4
SOUTH FORK MERCE D DIVERSION RESE	*CAU0283* *SPK0242*	SOUTH FORK MERCE D RIVER	*	*	* 37 36.7 * *119 43.3 *	134.0*	252.*	339.*	458.*	70.*	0.*	0.
												34.33*T 57.8
SWEETWATER	*CAU0295* *SPK0243*	SOUTH FORK MERCE D RIVER	*	*	* 37 39.0 * *119 55.0 *	228.0*	423.*	300.*	0.*	50.*	0.*	0.
												50.49*T 89.0
VIRGINIA POINT	*CAU0310* *SPK0244*	MERCED RIVER	*	*	* 37 38.6 * *120 10.0 *	924.0*	1168.*	399.*	540.*	1000.*	0.*	0.
												149.49*T 318.4
LAKE MCCLURE (NE W EXCHEQUER DAM)	*CA00240* *SPK0245*	MERCED RIVER	*H I R*	MERCED IRR D	* 37 35.1 * *120 16.2 *	1020.0*	1300.*	464.*	437.*	1021.*	80.10*	316.1
												0.*
MCSWAIN RESERVOI R	*CA00242* *SPK0246*	MERCED RIVER	*H I R*	MERCED IRR D	* 37 31.0 * *120 19.5 *	1040.0*	1339.*	56.*	86.*	10.*	9.00*	45.0
												0.*
CASCADE (YOSEMIT E POWERHOUSE)	*CA08001* *SPK0247*	MERCED RIVER	*H	*NATIONAL PAR *K SERVICE	* 37 43.3 * *119 42.1 *	323.0*	606.*	356.*	0.*	0.*	2.00*	13.2
												0.*
BEAR DAM	*CA10101* *SPK0248*	BEAR CREEK	*C	*DAEN SPK	* 37 22.2 * *120 13.7 *	72.0*	72.*	64.*	87.*	13.*	0.*	0.
												1.63*N 2.9

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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F C A L I F O R N I 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 DAM (FT)	* MAXIMUM STORAGE (1000 AC FT)	* CAPACITY (MW) (3)	* ENERGY (GWH) (3)
COUNTY NAME: MARIPOSA					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				
MARIPOSA LAKE	*CA10107*	MARIPOSA CREEK	*C	*DAEN SPK	* 37 17.5 *	108.0*	64.*	61.*	83.*	22.*E	0.*E	0.
	SPK0249				*120 8.8 *					*N	1.13*N	2.3
OWENS LAKE	*CA10111*	OWENS CREEK	*C	*DAEN SPK	* 37 18.9 *	29.0*	29.*	52.*	70.*	6.*E	0.*E	0.
	SPK0250				*120 11.1 *					*N	.58*N	1.0
COUNTY NAME: MENDOCINO					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				
BELL SPRINGS	*CAU0017*	EEL RIVER			* 39 5.4 *	1570.0*	3425.*	443.*	600.*	1300.*U	0.*U	0.
	SPN0014				*123 2.8 *					*T	490.55*T	648.8
SPENDER FRANCISCAN	*CAU0019*	MD FK EEL RIVER			* 39 4.7 *	425.0*	822.*	244.*	330.*	850.*U	0.*U	0.
	SPND015				*123 .9 *					*T	55.19*T	61.8
VALLEYS END	*CAU0021*	TOMKI CREEK			* 39 2.5 *	48.0*	89.*	100.*	135.*	57.*U	0.*U	0.
	SPN0016				*123 13.0 *					*T	2.48*T	10.4
BRANSCOMB	*CAU0022*	SO FK EEL RIVER			* 39 4.2 *	45.0*	205.*	111.*	150.*	45.*U	0.*U	0.
	SPN0017				*123 4.0 *					*T	2.56*T	10.9
FELIZ	*CAU0026*	FELIZ CREEK			* 38 5.9 *	39.0*	49.*	113.*	153.*	69.*U	0.*U	0.
	SPN0018				*123 .8 *					*T	1.19*T	1.2
REDWOOD VALLEY	*CAU0027*	RUSSIAN RIVER			* 39 1.9 *	14.0*	23.*	133.*	180.*	90.*U	0.*U	0.
	SPN0019				*123 1.5 *					*T	1.30*T	1.8
FORSYTHE	*CAU0028*	FORSYTHE CREEK			* 39 18.0 *	30.0*	51.*	206.*	279.*	71.*U	0.*U	0.
	SPN0020				*123 15.0 *					*T	2.81*T	5.1
DIGGER BEND	*CAU0029*	RUSSIAN RIVER			* 38 36.0 *	750.0*	1027.*	22.*	30.*	1.*U	0.*U	0.
	SPN0021				*122 48.0 *					*T	.82*T	1.0
COYOTE DAM	*CAU0329*	RUSSIAN RIVER	*SR	*CORPS	* 39 12.0 *	105.0*	343.*	95.*	128.*	123.*U	0.*U	0.
	SPN0022				*123 11.0 *					*T	4.58*T	21.2

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 A L I F O R N I A

(07/09/79)

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

COUNTY NAME: MENDOCINO					FERC POWER SUPPLY AREA 46		FERC REGIONAL OFFICE CODE SF				

DOS RIOS	*CAU0330*	EEL RIVER	*	*	* 39 6.0 *	* 745.0 *	* 939 *	* 340 *	* 730 *	* 0. *U	* 0. *U
	SPN0023		*	*	* 123 18.0 *	*	*	*	*	*T 134.86*	*T 151.1
RUSSIAN RIVER RE	*CA10201*	RUSSIAN RIVER	*C&H	*DAEN SPK	* 39 12.0 *	* 105.0 *	* 384 *	* 116 *	* 145 *	* 130. *E	* 0. *E
SERVOIR COYOTE V	*SPN0024*		*	*	* 123 8.0 *	*	*	*	*	*N 5.55*	*N 26.0

COUNTY NAME: MERCED					FERC POWER SUPPLY AREA 46		FERC REGIONAL OFFICE CODE SF				

CASTLE	*CAU0076*	CANAL CREEK	*	*	* 37 24.8 *	* 28.2 *	* 28 *	* 30 *	* 33 *	* 0. *U	* 0. *U
	SPK0251		*	*	* 120 29.5 *	*	*	*	*	*T .33*	*T .6
MONTGOMERY	*CAU0213*	DRY CREEK	*I	*	* 37 33.5 *	* 67.0 *	* 67 *	* 90 *	* 101 *	* 275. *U	* 0. *U
	SPK0252		*	*	* 120 27.9 *	*	*	*	*	*T 2.04*	*T 3.8
CROCKER DIVERSIO	*CAU0239*	MERCED RIVER	*I	*MERCED INK D	* 37 30.9 *	* 1045.0 *	* 1339 *	* 11 *	* 13 *	* 0. *E	* 0. *E
N	*SPK0253*		*	*IST	* 120 22.2 *	*	*	*	*	*N 1.73*	*N 7.2
LAKE YOSEMITE	*CAU0241*	MERCED RIVER (OF	*I	*MERCED IRR D	* 37 22.3 *	* 41.0 *	* 41 *	* 32 *	* 38 *	* 7. *E	* 0. *E
	SPK0254	F STREAM)	*	*IST	* 120 26.2 *	*	*	*	*	*N .52*	*N .9
MERCED FALLS	*CAU0341*	MERCED RIVER	*H	*PACIFIC GAS	* 37 31.0 *	* 1061.0 *	* 1339 *	* 26 *	* 21 *	* 1. *E	* 3.44 *E
	SPK0255		*	*ELECT CO	* 120 19.7 *	*	*	*	*	*N 0. *N	* 0.
BURNS DAM	*CA10103*	BURNS CREEK	*C	*DAEN SPK	* 37 22.6 *	* 74.0 *	* 74 *	* 36 *	* 49 *	* 22. *E	* 0. *E
	SPK0256		*	*	* 120 16.5 *	*	*	*	*	*N 1.04*	*N 1.8
LOS BANOS DETENT	*CA10167*	LOS BANOS CREEK	*CR	*DOI USBR	* 37 0. *	* 168.0 *	* 19 *	* 126 *	* 150 *	* 52. *E	* 0. *E
ION	*SPK0257*		*	*	* 120 55.9 *	*	*	*	*	*N .66*	*N .6
ONEILL FOREBAY	*CA10171*	SAN LUIS CREEK	*HUI	*DOI USBR	* 37 5.4 *	* 1.0 *	* 0 *	* 50 *	* 64 *	* 65. *E	* 25.20 *E
	SPK0258		*	*	* 121 2.3 *	*	*	*	*	*N 0. *N	* 0.
SAN LUIS RESERV	*CA10183*	SAN LUIS CREEK	*ISHR	*DOI USBR	* 37 3.5 *	* 83.0 *	* 0 *	* 327 *	* 305 *	* 2064. *E	* 424.00 *E
IR	*SPK0259*		*	*	* 121 4.5 *	*	*	*	*	*N 0. *N	* 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 C A L I F O R N I A

(07/09/79)

PROJECT NAME	* IDENT * NUMBER * (1)	* NAME OF STREAM * CR RIVER	* PROJ * PURP * (2)	* OWNER	* LATITUDE * LONGITUDE * (DM,M)	* DRAINAGE * AREA * (SQ MI)	* AVERAGE * ANNUAL * INFLOW * (CFS)	* NET * POWER * HEAD * (FT)	* HEIGHT * OF * DAM * (FT)	* MAXIMUM * STORAGE * (1000 * AC FT)	* CAPACITY * (MW) * (3)	* ENERGY * (GWH) * (3)
COUNTY NAME: MODOC					FERC POWER SUPPLY AREA 45			FERC REGIONAL OFFICE CODE SF				
ALLEN CAMP DAM	*CAU0039*	PIT RIVER	*IMH*		* 41 20.8 *121 8.2	1550.0*	220.*	70.*	95.*	74.*U	0.*U	0.*
	SPK0260									*T	1.92*T	7.6
ROUND VALLEY	*CAU0260*	ASH CREEK	*CI*		* 41 12.0 *120 52.0	258.0*	83.*	74.*	88.*	72.*U	0.*U	0.*
	SPK0261									*T	1.56*T	3.7
BIG SAGE	*CAU0233*	RATTLESNAKE CREEK	*I*	*HOT SPRING V*	* 41 34.7 *120 37.5	107.0*	34.*	34.*	40.*	77.*E	0.*E	0.*
	SPK0262			*ALLEY I D						*N	.34*N	.8
WEST VALLEY	*CAU0300*	WEST VALLEY CREEK	*I*	*SOUTH FORK I*	* 41 13.4 *120 24.5	135.0*	80.*	44.*	52.*	22.*E	0.*E	0.*
	SPK0263			*RR DIST						*N	.56*N	1.3
MCBRIEN	*CAU0459*	PIT RIVER	*I*	*AMANDA HAGGE*	* 41 27.4 *120 41.8	1087.0*	100.*	9.*	11.*	1.*E	0.*E	0.*
	SPK0264									*N	.19*N	.7
ESSEX RESERVOIR	*CAU0461*	TRI PIT RIVER	*I*	*PELISSA AND	* 41 30.7 *120 44.8	5.0*	10.*	31.*	37.*	4.*E	0.*E	0.*
	SPK0265			*HALE						*N	.07*N	.2
LINDAUER CONCRET E	*CAU00914*	PIT RIVER	*S D I*	*W E + C D RU*	* 41 26.1 *120 43.4	1150.0*	100.*	5.*	6.*	1.*E	0.*E	0.*
	SPK0266			*USE						*N	.11*N	.4
POISON SPRINGS	*CAU00916*	ROCK CREEK	*S D I*	*FEE RANCH +	* 41 49.1 *120 1.6	49.0*	37.*	31.*	37.*	7.*E	0.*E	0.*
	SPK0267			*P M PETERSON*						*N	.44*N	.8
CLEAR LAKE	*CA10141*	LOST RIVER	*IC*	*DUI USBR	* 41 55.6 *121 4.5	670.0*	167.*	30.*	32.*	566.*E	0.*E	0.*
	SPK0268									*N	1.18*N	2.2
DORRIS DAM	*CA10144*	PARKER AND PINE	*ISR*	*DUI BSWF	* 41 29.3 *120 29.3	39.0*	29.*	19.*	23.*	13.*E	0.*E	0.*
	SPK0269	CREEKS								*N	.21*N	.4
COUNTY NAME: MONO					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				
ANTELOPE VALLEY	*CAU0042*	WEST WALKER			* 38 31.0 *119 27.0	176.0*	331.*	1200.*	0.*	88.*U	0.*U	0.*
	SPK0270									*T	159.83*T	269.2
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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(07/09/79)

PROJECT NAME	* IDENT NUMBER (1)	* NAME OF STREAM OR RIVER	* FROM FURP (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: MONO					FERC POWER SUPPLY AREA 46		FERC REGIONAL OFFICE CODE SF					
LEAVITT	*CAU0181*	*WEST WALKER RIVE*	*	*	* 38 20.0 *	73.0*	168.*	400.*	0.*	51.*U	0.*U	0.*
	SPK0271	*R	*	*	*119 33.0 *	*	*	*	*	*T	24.75*T	44.9
PICKLE MEADOWS	*CAU0244*	*WEST WALKER RIVE*I	*	*	* 38 21.7 *	115.0*	190.*	146.*	165.*	110.*U	0.*U	0.*
	SPK0272	*R	*	*	*119 29.5 *	*	*	*	*	*T	2.88*T	10.5
WILLOW FLAT	*CAU0320*	*LITTLE WALKER RI*	*	*	* 38 17.1 *	15.0*	40.*	142.*	0.*	18.*U	0.*U	0.*
	SPK0273	*VER	*	*	*119 27.1 *	*	*	*	*	*T	1.67*T	3.9
GRANT LAKE	*CAU0089*	*RUSH CREEK	*S	*CITY OF LOS	* 37 51.7 *	60.0*	82.*	61.*	72.*	48.*E	0.*E	0.*
	SPL0094	*	*	*ANGELES	*119 6.1 *	*	*	*	*	*N	.96*N	3.8
LAKE CROWLEY LON	*CAU0090*	*OWENS RIVER	*H S	*CITY OF LOS	* 37 35.3 *	437.0*	137.*	83.*	112.*	1835.*E	0.*E	0.*
G VALLEY	*SPL0095*	*	*	*ANGELES	*118 42.3 *	*	*	*	*	*N	2.48*N	2.1
BRIDGEPORT	*CAU0284*	*EAST WALKER RIVE*I	*	*WALKER RIVER*	* 38 19.6 *	358.0*	136.*	44.*	52.*	42.*E	0.*E	0.*
	SPL0096	*R	*	*IRK DIST	*119 12.7 *	*	*	*	*	*N	1.48*N	4.1
(WAUGH LAKE)=RUS	*CAU00450*	*RUSH CREEK	*H I	*SOUTHERN CAL*	* 37 45.1 *	15.0*	19.*	40.*	47.*	5.*E	0.*E	0.*
H CREEK MEADOWS	*SPL0097*	*	*	*IF EDISON CO*	*119 10.8 *	*	*	*	*	*N	.23*N	.5
LUNDY LAKE	*CAU00451*	*MILL CREEK	*H I	*SOUTHERN CAL*	* 38 1.9 *	20.0*	37.*	34.*	40.*	4.*E	3.00*E	6.0
	SPL0098	*	*	*IF EDISON CO*	*119 13.2 *	*	*	*	*	*N	0.*N	0.*
GEM LAKE	*CAU00453*	*RUSH CREEK	*H I	*SOUTHERN CAL*	* 37 45.1 *	22.0*	29.*	60.*	70.*	18.*E	0.*E	0.*
	SPL0099	*	*	*IF EDISON CO*	*119 8.5 *	*	*	*	*	*N	.50*N	1.2
COUNTY NAME: MONTEREY					FERC POWER SUPPLY AREA 46		FERC REGIONAL OFFICE CODE SF					
SAN CLEMENTE	*CAU0032*	*CARMEL RIVER	*	*	* 36 2.6 *	125.0*	82.*	314.*	425.*	154.*U	0.*U	0.*
	SPN0025	*	*	*	*121 4.2 *	*	*	*	*	*T	4.54*T	9.1
SAN ANTONIO	*CAU0328*	*SAN ANTONIO RIVE*	*	*MONTEREY COU*	* 35 45.6 *	324.0*	52.*	132.*	179.*	348.*U	0.*U	0.*
	SPN0026	*R	*	*NTY FCHCO	*120 52.4 *	*	*	*	*	*T	2.65*T	3.9

L E G E N D

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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

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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: MONTEREY FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
SAN CLEMENTE *CA00689*CARMEL R *S D *CALIF-AMERIC* 36 26.1 * 155.0* 80.* 64.* 75.* 2.*E 0.*E 0.
*SPL0100* *AN WATER CO *121 42.4 * * * * *N 1.71*N 2.7
LOS PADRES *CA00692*CARMEL R *S D *CALIF-AMERIC* 36 23.1 * 45.0* 86.* 111.* 130.* 3.*E 0.*E 0.
*SPL0101* *AN WATER CO *121 40.0 * * * * *N 3.44*N 5.4
SAN ANTONIO *CA00813*SAN ANTONIO R *S U I*MONTEREY CTY* 35 47.9 * 324.0* 105.* 152.* 179.* 348.*E 0.*E 0.
*SPL0102* *R *FCWCD *120 53.0 * * * * *N 2.92*N 4.4
*****
COUNTY NAME: NAPA FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
ADAMS *CA00036*ETICUVERA CREEK * * * 38 42.0 * 54.0* 63.* 100.* 135.* 34.*U 0.*U 0.
*SPK0274* * * * 122 17.5 * * * * *T 1.87*T 2.4
GOODINGS *CA00139*MAXWELL CREEK * * * 39 37.0 * 39.0* 79.* 81.* 110.* 51.*U 0.*U 0.
*SPK0275* * * * 122 21.0 * * * * *T 2.15*T 3.5
JAMES CREEK *CA00165*JAMES CREEK * * * 38 40.5 * 9.0* 4.* 81.* 110.* 13.*U 0.*U 0.
*SPK0276* * * * 122 28.5 * * * * *T .08*T .1
SNELL *CA00276*PUTAH CREEK * * * 39 39.5 * 253.0* 378.* 233.* 315.* 394.*U 0.*U 0.
*SPK0277* * * * 122 18.5 * * * * *T 29.23*T 52.4
WALTER SPRINGS *CA00313*POPE CREEK * * * 38 38.7 * 78.0* 145.* 59.* 80.* 25.*U 0.*U 0.
*SPK0278* * * * 122 21.5 * * * * *T 2.01*T 3.2
LAKE CURRY *CA00140*GORDON VALLEY CK*S *CITY OF VALL* 38 21.5 * 17.0* 7.* 82.* 97.* 11.*E 0.*E 0.
*SPN0027* *EJU *122 7.4 * * * * *N .15*N .2
MONTICELLO DAM (*CA10170*PUTAH CREEK *IHS *USBR * 38 30.0 * 566.0* 488.* 205.* 266.* 1833.*E 0.*E 0.
LAKE BERRYESSA) *SPK5001* * * * 122 6.2 * * * * *N 26.80*N 42.7
*****
LEGEN 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 A L I F O R N I A

(07/09/79)

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*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
*  NUMBER *   OR RIVER    * PURP * OWNER  * LONGITUDE *   AREA   * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
*  (1)    *              * (2)   *       * (DM,M)  * (SQ MI) * (CFS)  * (FT)  * (FT)  * (1000 * (MW)  * (GWH)
*          *              *      *       *          *          *          *          *          *          *
COUNTY NAME: NEVADA                                FERC POWER SUPPLY AREA 46    FERC REGIONAL OFFICE CODE SF
*****
*          *          *          *          *          *          *          *          *          *
ANTHONY HOUSE *CAU0043*DEER CREEK *S *          * 39 14.0 * 85.0 * 130. * 66. * 92. * 12. *U 0. *U 0.
*SPK0279*      *          *          *          * 121 12.0 *      *      *      *      *      *T 2.17*T 4.0
*          *          *          *          *          *          *          *          *          *
BITNEY CORNER *CAU0060*DEER CREEK *I *          * 39 14.5 * 85.0 * 130. * 128. * 173. * 20. *U 0. *U 0.
*SPK0280*      *          *          *          * 121 7.5 *      *      *      *      *      *T 3.56*T 7.1
*          *          *          *          *          *          *          *          *          *
BLOODY RUN *CAU0061*BLOODY RUN *I *          * 39 24.5 * 5.0 * 11. * 113. * 153. * 7. *U 0. *U 0.
*SPK0281*      *          *          *          * 120 54.0 *      *      *      *      *      *T .46*T .8
*          *          *          *          *          *          *          *          *          *
GARDEN BAR *CAU0134*BEAR RIVER *      *          * 39 2.2 * 210.0 * 296. * 145. * 202. * 300. *U 0. *U 0.
*SPK0282*      *          *          *          * 121 8.5 *      *      *      *      *      *T 15.74*T 24.6
*          *          *          *          *          *          *          *          *          *
SHADY CREEK *CAU0271*SHADY CREEK *I *          * 39 20.5 * 10.0 * 23. * 107. * 107. * 6. *U 0. *U 0.
*SPK0283*      *          *          *          * 121 5.5 *      *      *      *      *      *T .83*T 1.5
*          *          *          *          *          *          *          *          *          *
WASHINGTON *CAU0315*SOUTH YUBA RIVER *H *          * 39 21.0 * 122.0 * 292. * 935. * 400. * 126. *U 0. *U 0.
*SPK0284*      *          *          *          * 120 50.0 *      *      *      *      *      *T 87.96*T 165.0
*          *          *          *          *          *          *          *          *          *
WEAVER LAKE *CAU0316*WEAVER CREEK *      *          * 39 27.5 * 28.0 * 65. * 34. * 45. * 6. *U 0. *U 0.
*SPK0285*      *          *          *          * 120 30.9 *      *      *      *      *      *T .75*T 1.3
*          *          *          *          *          *          *          *          *          *
BOWMAN LAKE (ROC *CA00245*CANYON CREEK *I S *NEVADA IRR D * 39 26.9 * 118.0 * 100. * 318. * 165. * 68. *E 6.30 *E 25.1
KFILL) *SPK0286*      *          *          *          * 120 39.0 *      *      *      *      *      *N 0. *N 0.
*          *          *          *          *          *          *          *          *          *
DEER CREEK DIVER *CA00246*DEER CREEK *I S *NEVADA IRR D * 39 16.1 * 120.0 * 671. * 74. * 87. * 1. *E 0. *E 0.
SION *SPK0287*      *          *          *          * 120 57.1 *      *      *      *      *      *N 4.18*N 10.8
*          *          *          *          *          *          *          *          *          *
FRENCH LAKE *CA00247*CANYON CREEK *H I S *NEVADA IRR D * 39 25.2 * 6.0 * 30. * 81. * 95. * 13. *E 0. *E 0.
*SPK0288*      *          *          *          * 120 32.4 *      *      *      *      *      *N .40*N .7
*          *          *          *          *          *          *          *          *          *
MILTON DIVERSION *CA00248*MIDDLE FK YUBA R *H I S *NEVADA IRR D * 39 31.3 * 42.0 * 123. * 23. * 27. * 0. *E 0. *E 0.
*SPK0289*IVER *          *          *          * 120 34.9 *      *      *      *      *      *N .74*N 1.3
*          *          *          *          *          *          *          *          *          *
COMBIE *CAU0249*BEAR RIVER *I S *NEVADA IRR D * 39 .6 * 130.0 * 400. * 64. * 75. * 9. *E 0. *E 0.
*SPK0290*      *          *          *          * 121 3.4 *      *      *      *      *      *N 2.76*N 15.5
*          *          *          *          *          *          *          *          *          *
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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 C A L I F O R N I 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 * DAM	* MAXIMUM * (1000	* CAPACITY * (MW)	* ENERGY * (GWH)
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	AC FT)	(3)	(3)

COUNTY NAME: NEVADA					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				

MEADOW LAKE	*CA00366*	TRI FORDYCE CREEK	*H	*PACIFIC GAS	* 39 24.0 *	2.0*	50.*	28.*	33.*	5.*	0.*	0.*
	SPK0303	*K		*ELECT CO	*120 29.9 *					*N	.05*	.1
NEW DRUM AFTERBAY	*CA00421*	BEAR RIVER	*H	*PACIFIC GAS	* 39 15.3 *	194.0*	559.*	75.*	88.*	0.*	0.*	0.*
	SPK5002			*ELECT CO	*120 46.4 *					*N	4.93*	21.3
DONNER LAKE	*CA00537*	DONNER CR	*S	*SIERRA PAC P	* 39 19.4 *	15.0*	34.*	12.*	14.*	11.*	0.*	0.*
	SPK0304			*OWNER CO ETAL	*120 14.2 *					*N	.15*	.3
OUR HOUSE	*CA00864*	M FK YUBA R	*D	*YUBA CTY WAT	* 39 24.8 *	145.0*	365.*	42.*	49.*	0.*	0.*	0.*
	SPK0305		*H	*ER AGENCY	*120 59.6 *					*N	3.12*	7.6
ANTHONY HOUSE	*CA00964*	DEER CREEK	*S	*LAKE WILDWOOD	* 39 14.1 *	80.0*	133.*	54.*	63.*	4.*	0.*	0.*
	SPK0306			*U ASSN	*121 13.2 *					*N	1.71*	3.1
MAGNOLIA	*CA00966*	MAGNOLIA CR	*S	*LAKE OF THE	* 39 2.3 *	4.0*	9.*	51.*	60.*	4.*	0.*	0.*
	SPK0307			*PINES ASSN	*121 3.7 *					*N	.17*	.3
CHICAGO PARK FOR EBAY	*CA08002*	BEAR RIVER	*H	*NEVADA IRRIG	* 39 10.2 *	215.0*	640.*	470.*	0.*	0.*	37.35*	140.0
	SPK0308			*ATION DIST.	*120 55.1 *					*N	46.92*	62.8
FARAD POWERHOUSE	*CA08007*	TRUCKEE RIVER	*H	*SIERRA PACIF	* 39 24.8 *	961.0*	802.*	83.*	0.*	0.*	2.80*	14.0
	SPK0309			*IC POWER CO.	*120 1.0 *					*N	0.*	0.*
DEER CREEK POWERHOUSE	*CA08021*	DEER CREEK	*H	*PG AND E	* 39 17.0 *	40.0*	0.*	837.*	-0.*	0.*	5.50*	30.6
	SPK0310				*120 50.6 *					*N	71.95*	114.7
MARTIS CREEK LAKE	*CA10108*	MARTIS CREEK	*CR	*DAEN SPK	* 39 19.6 *	40.0*	16.*	62.*	108.*	35.*	0.*	0.*
	SPK0311				*120 6.7 *					*N	1.20*	2.6
BOCA RESERVOIR	*CA10135*	LITTLE TRUCKEE R	*H	*KUHNS*DOI USBR	* 39 23.3 *	180.0*	190.*	68.*	93.*	41.*	0.*	0.*
	SPK0312	IVER			*120 5.7 *					*N	1.63*	6.6
PROSSER CREEK RESERVOIR	*CA10179*	PROSSER CREEK	*H	*CORI*DOI USBR	* 39 22.8 *	50.0*	77.*	92.*	133.*	41.*	0.*	0.*
	SPK0313		*S		*120 8.4 *					*N	2.22*	4.9

LEGEND												

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(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 (BWH) *
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)		(3)	(3)
COUNTY NAME: PLACER					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				
AUBURN DAM	*CAU0044*	*AMERICAN RIVER	*IHCSR*		* 38 52.0 *	* 982.0 *	* 2200. *	* 660. *	* 700. *	* 2500. *	* 0. *	* 0. *
	SPK0314				*121 3.4 *					*T	* 425.96 *	* 915.0 *
AUBURN RAVINE	*CAU0045*	*AUBURN RAVINE			* 38 54.0 *	* 8.0 *	* 13. *	* 175. *	* 0. *	* 11. *	* 0. *	* 0. *
	SPK0315				*121 9.0 *					*T	* .89 *	* 1.5 *
CLOVER VALLEY	*CAU0087*	*CLOVER VALLEY	*ISR		* 38 49.5 *	* 3.0 *	* 8. *	* 114. *	* 154. *	* 32. *	* 0. *	* 0. *
	SPK0316				*121 14.0 *					*T	* .33 *	* .5 *
COON CREEK	*CAU0093*	*COON CREEK	*I		* 38 58.5 *	* 40.0 *	* 93. *	* 207. *	* 207. *	* 59. *	* 0. *	* 0. *
	SPK0317				*121 13.5 *					*T	* 3.98 *	* 9.6 *
DDTY RAVINE	*CAU0112*	*TRIB OF COON CRE			* 39 56.0 *	* 13.0 *	* 24. *	* 78. *	* 105. *	* 32. *	* 0. *	* 0. *
	SPK0318	*EK			*121 14.0 *					*T	* .80 *	* 1.1 *
FORBES	*CAU0124*	*FORBES CRK			* 39 8.0 *	* 2.0 *	* 5. *	* 92. *	* 125. *	* 5. *	* 0. *	* 0. *
	SPK0319				*120 45.5 *					*T	* .18 *	* .3 *
LINCOLN	*CAU0184*	*COON CREEK			* 38 58.0 *	* 72.0 *	* 110. *	* 44. *	* 60. *	* 15. *	* 0. *	* 0. *
	SPK0320				*121 17.5 *					*T	* 1.37 *	* 2.3 *
PAGGE	*CAU0232*	*PAGGE CRK			* 39 6.0 *	* 6.0 *	* 14. *	* 207. *	* 280. *	* 69. *	* 0. *	* 0. *
	SPK0321				*120 48.0 *					*T	* 1.02 *	* 1.9 *
SOUTH HONCUT CRE	*CAU0282*	*SOUTH HONCUT CRE			* 39 23.5 *	* 31.0 *	* 72. *	* 124. *	* 168. *	* 38. *	* 0. *	* 0. *
EK	*SPK0322*	*EK			*121 21.0 *					*T	* 2.64 *	* 5.1 *
SUGAR PINE	*CAU0292*	*NORTH SHIRTTAIL			* 39 8.5 *	* 9.0 *	* 20. *	* 97. *	* 131. *	* 10. *	* 0. *	* 0. *
	SPK0323	*CANYON			*120 48.0 *					*T	* .72 *	* 1.3 *
WHITNEY RANCH	*CAU0318*	*PLEASANT GROVE C			* 38 49.0 *	* 6.0 *	* 14. *	* 48. *	* 65. *	* 10. *	* 0. *	* 0. *
	SPK0324	*REEK			*121 16.0 *					*T	* .27 *	* .4 *
CAMPFAR WEST	*CAU0227*	*HEAR RIVER	*IH	*SOUTH SUTTER*	* 39 3.0 *	* 280.0 *	* 464. *	* 165. *	* 181. *	* 130. *	* 0. *	* 0. *
	SPK0325			*WATER DIST	*121 18.9 *					*N	* 6.00 *	* 24.5 *

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P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F C A L I F O R N I 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* CF * DAM * * (FT) *	*MAXIMUM* STORAGE* (1000 * AC FT) *	CAPACITY* (MW) *	ENERGY (6WH) *

COUNTY NAME: PLACER					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				

DRUM FOREBAY	*CA00350*	DRUM CANAL	*H	*PACIFIC GAS	* 39 14.9 *	194.0*	559. *	1375. *	48. *	1. *E	93.30*E	280.0
	SPK0326		*	*ELECT CO	*120 44.9 *					*N	0. *N	0.
HALSEY FOREBAY	*CA00352*	DRY CREEK	*H	*PACIFIC GAS	* 38 58.3 *	299.0*	116. *	320. *	37. *	0. *E	12.00*E	66.6
	SPK0327		*	*ELECT CO	*121 2.3 *					*N	50.88*N	68.5
LAKE ALTA	*CA00355*	TRI N FK AMER RV	*I S	*PACIFIC GAS	* 39 12.3 *	203.0*	604. *	660. *	20. *	0. *E	2.00*E	6.4
	SPK0328	(BROADM CNL)	*	*ELECT CO	*120 48.8 *					*N	109.73*N	262.4
LAKE ARTHUR	*CA00356*	SOUTH FK DRY CRE	*I S	*PACIFIC GAS	* 38 57.8 *	2.0*	5. *	32. *	38. *	0. *E	0. *E	0.
	SPK0329	EK	*	*ELECT CO	*121 1.4 *					*N	.06*N	.1
LAKE VALLEY	*CA00361*	TRI N FK AMERICA	*I	*PACIFIC GAS	* 39 18.0 *	5.0*	11. *	838. *	69. *	8. *E	0. *E	0.
	SPK0330	N RIVER	*	*ELECT CO	*120 35.9 *					*N	2.82*N	5.9
L L ANDERSON	*CA00856*	M FK AMERICAN R	*S D	I*PLACER CTY	* 39 6.7 *	57.0*	25. *	639. *	202. *	134. *E	15.30*E	75.3
	SPK0331		*K	*ATER AGENCY	*120 28.1 *					*N	0. *N	0.
LOWER HELL HOLE	*CA00857*	RUBICON R	*S D	I*PLACER CTY	* 39 3.5 *	114.0*	27. *	332. *	390. *	208. *E	0. *E	0.
	SPK0332		*H	*ATER AGENCY	*120 24.4 *					*N	24.39*N	36.3
INTERBAY	*CA00858*	M FK AMERICAN R	*S H	*PLACER CTY	* 39 1.6 *	214.0*	105. *	1344. *	49. *	0. *E	79.20*E	476.3
	SPK0333		*	*ATER AGENCY	*120 36.1 *					*N	0. *N	0.
RALSTON AFTERBAY	*CA00859*	M FK AMERICAN R	*S D	I*PLACER CTY	* 39 .2 *	429.0*	1132. *	89. *	45. *	3. *E	6.57*E	36.5
	SPK0334		*H	*ATER AGENCY	*120 44.7 *					*N	18.52*N	17.4
WISE POWERHOUSE	*CA08019*	AUBURN RAVINE	*H	*PACIFIC GAS	* 38 53.9 *	305.0*	648. *	519. *	0. *	0. *E	12.00*E	75.0
	SPK0335		*	*AND ELEC.	*121 6.7 *					*N	92.03*N	148.5
DUTCH FLAT NO.1	*CA08020*	BEAR RIVER	*H	*PG AND E	* 39 13.0 *	=0. *	0. *	643. *	=0. *	0. *E	22.00*E	54.8
POWERHOUSE	*SPK0336*		*		*120 50.2 *					*N	93.28*N	222.6
LJ STEPHENSON (M	*CA08030*	M.FK AMERICAN	*H	*PLACER CTY	* 39 1.0 *	=0. *	0. *	2101. *	=0. *	0. *E	109.80*E	650.0
.FK) PH	*SPK0337*		*	*ATER AGENCY	*129 36.1 *					*N	0. *N	0.

LEGEND												

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P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F C A L I F O R N I 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: PLACER FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
NORTH FORK LAKE *CA10110*NORTH FORK AMERIOR *DAEN SPK * 38 56.2 * 342.0 * 840. * 132. * 155. * 15. *E 0. *E 0.
*SPK0338*CAN RIVER * * * * 121 1.4 * * * * *N 29.61*N 63.6
LAKE TAHOE *CA10162*TRUCKEE RIVER *ISO *DUI USBR * 39 10.0 * 519.0 * 190. * 10. * 10. * 732. *E 0. *E 0.
*SPK0339 * * * * 120 8.6 * * * * *N .30*N 1.3
*****
COUNTY NAME: PLUMAS FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
ABBEY BRIDGE *CAU0034*RED CLOVER CRK * * * * 39 38.5 * 96.0 * 105. * 68. * 92. * 45. *U 0. *U 0.
*SPK0340 * * * * 120 33.0 * * * * *T 2.20*T 4.8
CLIO *CAU0085*HF FEATHER RIVER * * * * 39 49.0 * 686.0 * 290. * 107. * 145. * 100. *U 0. *U 0.
*SPK0341 * * * * 120 37.5 * * * * *T 3.30*T 11.6
DIXIE REFUGE *CAU0111*LAST CHANCE CRK *R * * * * 40 5.0 * 44.0 * 36. * 57. * 70. * 16. *U 0. *U 0.
*SPK0342 * * * * 120 21.0 * * * * *T .86*T 1.2
GENESEE *CAU0136*INDIAN CREEK * * * * 40 3.0 * 530.0 * 510. * 190. * 28. * 60. *U 0. *U 0.
*SPK0343 * * * * 120 48.0 * * * * *T 29.78*T 67.0
HUMBUG VALLEY *CAU0151*YELLOW CRK * * * * 40 6.0 * 32.0 * 58. * 69. * 94. * 55. *U 0. *U 0.
*SPK0344 * * * * 121 11.5 * * * * *T 1.46*T 2.2
INDIAN FALLS *CAU0156*INDIAN CREEK * * * * 40 2.0 * 746.0 * 557. * 490. * 0. * 0. *U 0. *U 0.
*SPK0345 * * * * 121 1.0 * * * * *T 99.73*T 171.2
MEADOW VALLEY *CAU0201*SPANISH CRK * * * * 39 57.0 * 70.0 * 504. * 1675. * 464. * 900. *U 0. *U 0.
*SPK0346 * * * * 121 0. * * * * *T 147.66*T 607.0
NELSON POINT *CAU0217*HF FEATHER RIVER *IR * * * * 39 51.0 * 202.0 * 297. * 360. * 365. * 116. *U 0. *U 0.
*SPK0347 * * * * 120 54.5 * * * * *T 32.24*T 65.7
ROCK CREEK *CAU0256*ROCK CREEK * * * * 39 55.5 * 30.0 * 54. * 122. * 165. * 21. *U 0. *U 0.
*SPK0348 * * * * 121 1.5 * * * * *T 2.19*T 3.4
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PRELIMINARY ESTIMATES

(07/09/79)

POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

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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) * * * * * (UM.M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (MW) * (GWH)
*****
COUNTY NAME: PLUMAS FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
SQUAW QUEEN *CAU0288*LAST CHANCE CRK *HF * * * * * 40 3.0 * 198.0* 291.* 1680.* 174.* 100.*U 0.*U 0.
*SPK0349* * * * * 120 34.5 * * * * *T 147.46*T 300.5
TURNABLE *CAU0304*HF FEATHER RIVER*HJR * * * * * 39 51.5 * 200.0* 294.* 201.* 245.* 48.*U 0.*U 0.
*SPK0350* * * * * 120 52.0 * * * * *T 17.86*T 36.4
YELLOW CRK *CAU0325*YELLOW CRK * * * * * 40 1.0 * 35.0* 64.* 2147.* 0.* 115.*U 0.*U 0.
*SPK0351* * * * * 121 15.0 * * * * *T 59.63*T 79.4
FRENCHMAN LAKE *CA00032*LIT LAST CHANCE * * *CAL DEPT WAT* 39 53.5 * 82.0* 26.* 94.* 110.* 51.*E 0.*E 0.
*SPK0352*CR * * *ER RES *120 11.2 * * * * *N 2.09*N 3.4
ANTELOPE VALLEY *CA00037*INDIAN CREEK *R * *CAL DEPT WAT* 40 10.8 * 71.0* 69.* 77.* 90.* 22.*E 0.*E 0.
RESERVOIR *SPK0353* * * *ER RES *120 36.4 * * * * *N 6.10*N 26.6
LAKE DAVIS (GRIZ*CA00039*BIG GRIZZLY CREE*H S * *CAL DEPT WAT* 39 52.9 * 44.0* 39.* 89.* 105.* 83.*E 0.*E 0.
ZLY VALLEY) *SPK0354*K * * *ER RES *120 28.5 * * * * *N 1.35*N 1.9
LITTLE GRASS VAL*CA00269*S FK FEATHER RIV*H I S*OROVILLE WYA* 39 43.3 * 27.0* 99.* 163.* 192.* 93.*E 0.*E 0.
LEY *SPK0355*ER * * *NDCTTE I D *121 1.3 * * * * *N 2.73*N 5.6
SOUTH FORK DIV *CA00270*S FK FEATHER RIV*H I S*OROVILLE WYA* 39 38.8 * 39.0* 160.* 39.* 46.* 0.*E 0.*E 0.
*SPK0356*ER * * *NDCTTE I D *121 7.1 * * * * *N 1.19*N 2.1
SLATE CREEK DIVE*CA00271*SLATE CREEK *+ I S*OROVILLE WYA* 39 37.0 * 50.0* 222.* 49.* 58.* 1.*E 0.*E 0.
RSION *SPK0357* * * *NDCTTE I D *121 2.9 * * * * *N 1.68*N 3.3
BUTT VALLEY RESE*CA00326*BUTT CREEK *H I *PACIFIC GAS * 40 6.9 * 576.0* 84.* 1150.* 72.* 50.*E 184.80*E 359.9
RVOIR *SPK0358* * * *ELECT CO *121 8.8 * * * * *N 0.*N 0.
LAKE ALMANOR *CA00327*N FK FEATHER RIV*H I *PACIFIC GAS * 40 10.5 * 503.0* 916.* 358.* 115.* 1308.*E 36.00*E 84.2
*SPK0359*ER * * *ELECT CO *121 5.5 * * * * *N 0.*N 0.
CRESTA FOREBAY *CA00329*N FK FEATHER RIV*H *PACIFIC GAS * 39 52.6 * 1820.0* 2900.* 290.* 66.* 4.*E 67.50*E 330.5
*SPK0360*ER * * *ELECT CO *121 22.3 * * * * *N 0.*N 0.
*****

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LEGEND

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 D=DEBRIS CONTROL, P=FARM POND, O=OTHER
 (3) - E=INSTALLED CAPACITY AND ENERGY N=NEW INCREMENTAL POTENTIAL CAPACITY AND ENERGY (FOR EXISTING DAMS)
 (3) - U=INSTALLED CAPACITY AND ENERGY T=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 A L I F O R N I 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 * * AC FT) *	* STORAGE * * (MW) *	* ENERGY * * (GWH) *
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	AC FT)	(3)	(3)

COUNTY NAME: PLUMAS					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				

ROCK CREEK	*CA00330*	*N FK FEATHER RIV*	*H	*PACIFIC GAS	* 39 59.2 *	* 1760.0 *	* 2450. *	* 535. *	* 78. *	* 5. *	*E 113.40*	*E 482.5
	SPK0361	*ER		*+ ELECT CO	*121 16.9 *						*N 0. *	*N 0.
LOWER BUCKS LAKE (BUCKS DIVERSIO	*CA00331*	*BUCKS CREEK	*H I	*PACIFIC GAS	* 39 54.1 *	* 31.0 *	* 56. *	* 706. *	* 92. *	* 6. *	*E 0. *	*E 0.
	SPK0362			*+ ELECT CO	*121 13.6 *						*N 17.37*	*N 23.1
BUCKS LAKE (STOR AGE)	*CA00332*	*BUCKS CREEK	*H I	*PACIFIC GAS	* 39 53.8 *	* 31.0 *	* 56. *	* 92. *	* 108. *	* 103. *	*E 0. *	*E 0.
	SPK0363			*+ ELECT CO	*121 12.1 *						*N 1.78*	*N 2.7
GRIZZLY FOREBAY	*CA00333*	*GRIZZLY CREEK	*H I	*PACIFIC GAS	* 39 53.5 *	* 31.0 *	* 234. *	* 2598. *	* 82. *	* 1. *	*E 66.00*	*E 241.3
	SPK5003			*+ ELECT CO	*121 17.3 *						*N 0. *	*N 0.
CARIBOU AFTERBAY (BELDEN FOREBAY	*CA00413*	*N FK FEATHER RIV*	*H	*PACIFIC GAS	* 40 4.7 *	* 612.0 *	* 1321. *	* 770. *	* 139. *	* 2. *	*E 117.90*	*E 245.3
	SPK0364	*ER		*+ ELECT CO	*121 9.6 *						*N 0. *	*N 0.
BIDWELL LAKE	*CA00530*	*NORTH CANYON CR	*S D I	*BIDWELL WATE	* 40 6.8 *	* 9.0 *	* 16. *	* 25. *	* 29. *	* 5. *	*E 0. *	*E 0.
	SPK0365			*R CO	*120 57.7 *						*N .16*	*N .2
BELDEN POWERHOU E	*CA08022*	*NORTH FORK FEATH*	*H	*PACIFIC GAS	* 40 0. *	* -0. *	* 0. *	* 770. *	* -0. *	* 0. *	*E 117.90*	*E 245.3
	SPK0366	*ER RIVER		*+ ELECT CO	*121 13.0 *						*N 0. *	*N 0.

COUNTY NAME: RIVERSIDE					FERC POWER SUPPLY AREA 47			FERC REGIONAL OFFICE CODE SF				

PERRIS	*CA00054*	*OFFSTREAM	*IRS	*CAL DEPT WAT	* 33 51.5 *	* 10.0 *	* 5. *	* 100. *	* 120. *	* 131. *	*E 0. *	*E 0.
	SPL0103			*ER RES	*117 11.0 *						*N .15*	*N .3
MATHEWS	*CA00212*	*TRI CAJALCO CREE*	*S	*METROPOLITIA	* 33 50.0 *	* 40.0 *	* 950. *	* 211. *	* 250. *	* 186. *	*E 0. *	*E 0.
	SPL0104	*K		*N WATER DIST	*117 27.6 *						*N 1.25*	*N 3.8
ROBERT A SKINNER	*CA00223*	*TUCALOTA CREEK	*S	*METROPOLITAN	* 33 35.2 *	* 51.0 *	* 750. *	* 93. *	* 109. *	* 44. *	*E 0. *	*E 0.
	SPL0105			*WATER DIST	*117 4.3 *						*N .13*	*N .2
LAKE HEMET	*CA00763*	*S FK SAN JACINTO*	*S D I	*LK HEMET MUN	* 33 39.9 *	* 66.0 *	* 8. *	* 112. *	* 132. *	* 14. *	*E 0. *	*E 0.
	SPL0106	*CR		*WATER DIST	*116 42.3 *						*N .38*	*N .4

L E G E N D												

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P R E L I M I N A R Y E S T I M A T E S
P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F C A L I F O R N I 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 * (MW) * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: RIVERSIDE FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CODE SF
*****
RAILROAD CANYON *CA00765* SAN JACINTO R *S I *TEMESCAL WAT* 33 40.5 * 718.0* 6.* 71.* 84.* 12.*E 0.*E 0.
*SPL0107* *ER CO *117 16.3 * * * * *N .29*N .3
* * * * *
VAIL *CA00770* TEMECULA CR *S D I *RANCHO CALIF* 33 29.7 * 319.0* 10.* 122.* 143.* 51.*E 0.*E 0.
*SPL0108* *QNNIA *116 58.6 * * * * *N .10*N .2
*****
COUNTY NAME: SACRAMENTO FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
COUNTY LINE *CAU0095* DEER CREEK * * * 38 34.5 * 35.0* 46.* 59.* 80.* 40.*U 0.*U 0.
*SPK0367* * * *121 2.0 * * * * *T 1.74*T 1.4
* * * * *
HUTSON SCHOOL *CAU0154* DRY CREEK * * * 38 15.5 * 304.0* 176.* 59.* 73.* 0.*U 0.*U 0.
*SPK0368* * * *121 9.2 * * * * *T 2.12*T 3.7
* * * * *
VINEYARD *CAU6095* MORRISON CREEK * * * 38 28.0 * 23.0* 30.* 27.* 38.* 11.*U 0.*U 0.
*SPK0369* * * *121 18.0 * * * * *T .52*T .4
* * * * *
RANCHO SECO *CA00825* TR MADSELVILLE C *S H *SACRAMENTO M* 38 20.1 * 2.0* .5.* 43.* 50.* 3.*E 0.*E 0.
*SPK0370*R *UD *121 6.0 * * * * *N .08*N .1
* * * * *
FOLSOM LAKE *CA10148* AMERICAN RIVER *ISHCN*DOI USBR * 38 42.5 * 1875.0* 3779.* 300.* 275.* 1120.*E 198.72*E 702.7
*SPK0371* *R *121 9.4 * * * * *N 0.*N 0.
* * * * *
NIMBUS (LAKE NAT*CA10174* AMERICAN RIVER *CO *DOI USBR * 38 37.8 * 51.0* 89.* 39.* 47.* 10.*E 13.50*E 91.1
OMA) *SPK0372* * * *121 13.4 * * * * *N 0.*N 0.
*****
COUNTY NAME: SAN BENITO FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CODE SF
*****
HERNANDEZ *CA00848* SAN BENITO R *SIR *SAN BENITO C* 36 23.7 * 85.0* 10.* 89.* 120.* 28.*E 0.*E 0.
*SPL0109* *TY FCHCD *120 50.1 * * * * *N .07*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 A L I F O R N I 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) *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
COUNTY NAME: SAN BERNARDINO * FERC POWER SUPPLY AREA 47 * FERC REGIONAL OFFICE CODE SF
*****
*                               *
LAKE SILVERWOOD *CA00049*W FK MOJAVE RIVE*I R S*CAL DEPT WAT* 32 18.4 * 34.0* 6.* 179.* 213.* 75.*E 0.*E 0.
CEDARS SPRINGS *SPL0110*R * *ER RES *117 18.7 * * * * * *N .33*N .6
* * * * *
COPPER BASIN *CA00214*COPPER BASIN *S *METROPOLITAN* 34 16.7 * 8.0* 1700.* 147.* 180.* 24.*E 0.*E 0.
*SPL0111* * *WATER DIST *114 13.8 * * * * * *N .08*N .3
* * * * *
(BIG BEAR LAKE) *CA00757*BEAR CR *S R *BEAR VAL MUT* 34 14.5 * 38.0* 30.* 45.* 53.* 72.*E 0.*E 0.
BEAR VALLEY *SPL0112* * *WATER DIST *116 58.6 * * * * * *N .32*N .8
* * * * *
LAKE ARROWHEAD *CA00759*LITTLE BEAR CR *D I R*LAKE ARROWHE* 34 15.7 * 7.0* 3.* 154.* 181.* 48.*E 0.*E 0.
*SPL0113* * *AD LAND CORP*117 10.0 * * * * * *N .16*N .3
*****
COUNTY NAME: SAN DIEGO * FERC POWER SUPPLY AREA 47 * FERC REGIONAL OFFICE CODE SF
*****
*                               *
BARRETT *CA00106*COTTONWOOD CREEK*S *CITY OF SAN * 32 40.7 * 249.0* 13.* 128.* 151.* 45.*E 0.*E 0.
*SPL0114* * *DIEGO *116 40.2 * * * * * *N .46*N .4
* * * * *
LAKE HODGES *CA00108*SAN DIEGUITO RIV * *CITY OF SAN * 33 2.7 * 303.0* 18.* 99.* 116.* 34.*E 0.*E 0.
*SPL0115*ER * *DIEGO *117 7.7 * * * * * *N .43*N .4
* * * * *
LOWER OTAY RESER *CA00109*OTAY RIVER *S *CITY OF SAN * 32 36.6 * 99.0* 17.* 117.* 138.* 56.*E 0.*E 0.
VOIR SAVAGE *SPL0116* * *DIEGO *116 55.6 * * * * * *N .63*N 1.2
* * * * *
MORENA *CA00110*COTTONWOOD CREEK*S *CITY OF SAN * 32 41.1 * 114.0* 3.* 142.* 167.* 90.*E 0.*E 0.
*SPL0117* * *DIEGO *116 33.0 * * * * * *N .15*N .2
* * * * *
EL CAPITAN *CA00111*SAN DIEGO RIVER *S *CITY OF SAN * 32 53.0 * 190.0* 11.* 167.* 197.* 116.*E 0.*E 0.
*SPL0118* * *DIEGO *116 48.6 * * * * * *N .45*N .4
* * * * *
SAN VICENTE *CA00113*SAN VICENTE CR *S *CITY OF SAN * 32 54.7 * 75.0* 11.* 162.* 190.* 90.*E 0.*E 0.
*SPL0119* * *DIEGO *116 55.5 * * * * * *N .49*N .6
* * * * *
HENSHAW *CA00283*SAN LUIS REY RIV*I *VISTA IHR DI * 33 14.4 * 205.0* 30.* 94.* 110.* 204.*E 0.*E 0.
*SPL0120*ER * *ST *116 45.7 * * * * * *N .78*N .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 A L I F O R N I 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) * (GAL)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SAN DIEGO FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CODE SF
*****
SWEETWATER (RESERVOIR) CA00775 SWEETWATER R * S D I * CALIF-AMERIC * 32 41.5 * 182.0 * 11. * 84. * 99. * 28. * E 0. * E 0.
*SPL0121 * * * AN WATER CO * 117 .4 * * * * * * * * N .22 * N .2
LAKE LOVELAND CA00776 SWEETWATER R * S D I * CALIF-AMERIC * 32 46.9 * 98.0 * 15. * 166. * 195. * 28. * E 0. * E 0.
*SPL0122 * * * AN WATER CO * 116 47.6 * * * * * * * * N .66 * N .8
*****
COUNTY NAME: SAN JOAQUIN FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
CAMANCHE RESERVOIR CA00173 MOKELUMNE RIVER * H S * EAST BAY M U * 38 13.5 * 621.0 * 832. * 107. * 145. * 432. * E 0. * E 0.
*SPK0373 * * * DIST * 121 1.2 * * * * * * * * N 6.00 * N 30.0
WOODBIDGE DIVERSION CA00285 MOKELUMNE RIVER * I R * WOODBRIDGE I * 38 9.4 * 661.0 * 111. * 9. * 10. * 2. * E 0. * E 0.
*SPK0374 * * * RR DIST * 121 17.8 * * * * * * * * N .49 * N 2.1
FARMINGTON DAM CA10104 ROCK AND LITTLE J * C * DAEN SPK * 37 54.4 * 212.0 * 122. * 39. * 53. * 120. * E 0. * E 0.
*SPK0375 * * * DMN CREEKS * 120 56.0 * * * * * * * * N 1.27 * N 1.9
*****
COUNTY NAME: SAN LUIS OBISPO FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE
*****
NACIEMIENTO CAU0327 NACIEMIENTO RIVER * * * MONTEREY CCU * 35 45.6 * 324.0 * 92. * 137. * 185. * 350. * U 0. * U 0.
*SPN0028 * * * NTY FCWCD * 120 52.4 * * * * * * * * T 2.72 * T 4.0
SALINAS CAU0331 SALINAS * IC * CORPS * 35 18.0 * 113.0 * 20. * 111. * 130. * 26. * U 0. * U 0.
*SPN0029 * * * * 120 30.0 * * * * * * * * T .52 * T .9
WHALE ROCK CA00029 OLD CREEK * * * CAL DEPT OF * 35 26.9 * 20.0 * 11. * 150. * 176. * 40. * E 0. * E 0.
*SPL0123 * * * FINANCE * 120 53.1 * * * * * * * * N .48 * N .5
NACIEMIENTO CA00812 NACIEMIENTO R * S D I * MONTEREY CTY * 35 45.5 * 324.0 * 200. * 157. * 185. * 350. * E 0. * E 0.
*SPL0124 * * * R * FCWCD * 120 53.0 * * * * * * * * N 21.82 * N 23.3
LOPEZ CA00887 ARROYO GRANDE CR * S D I * SAN LUIS OBI * 35 11.3 * 68.0 * 19. * 128. * 150. * 51. * E 0. * E 0.
*SPL0125 * * * SFO CO FCWCD * 120 29.2 * * * * * * * * N .36 * 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 C A L I F O R N I A

(07/09/79)

PROJECT NAME	* IDENT NUMBER (1)	* NAME OF STREAM OR RIVER	* PROJ PURP (2)	* OWNER	* LATITJDE *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 LUIS OBISPO					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				

SALINAS RESERVOIR UPPER SALINAS	*CA10026 *SPL0126*	*SALINAS RIVER	*S	*SAN LUIS OBI *SPO COUNTY	* 35 20.2 *120 30.1	* 112.0*	* 20.*	* 95.*	* 128.*	* 43.*E	* 0.*E	* 0.*

SALINAS (RESERVOIR) DAM	*CA10202 *SPL0127*	*SALINAS RIVER	*S	*CORPS OF ENG *INEERS	* 35 20.0 *120 30.0	* 111.0*	* 20.*	* 78.*	* 106.*	* 50.*E	* 0.*E	* 0.*

COUNTY NAME: SAN MATEO					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				

PESCADERO	*CAU0031 *SPN0030*	*PESCADERO CR	*	*	* 36 24.0 *122 42.0	* 38.0*	* 33.*	* 154.*	* 208.*	* 54.*U	* 0.*U	* 0.*

CRYSTAL SPRING RESERVOIR	*CA00127 *SPN0031*	*SAN MATEO CREEK	*S	*CITY COUNTY *S FRANCISCO	* 37 39.2 *122 21.7	* 25.0*	* 6.*	* 111.*	* 131.*	* 54.*E	* 0.*E	* 0.*

PILARCITOS LAKE	*CA00128 *SPN0032*	*PILARCITOS CREEK	*S	*CITY COUNTY *S FRANCISCO	* 37 32.9 *122 25.4	* 4.0*	* 6.*	* 82.*	* 97.*	* 3.*E	* 0.*E	* 0.*

SAN ANDREAS LAKE	*CA00129 *SPN0033*	*SAN ANDREAS CREEK	*S	*CITY COUNTY *S FRANCISCO	* 37 34.8 *122 24.7	* 4.0*	* 6.*	* 82.*	* 97.*	* 19.*E	* 0.*E	* 0.*

COUNTY NAME: SANTA BARBARA					FERC POWER SUPPLY AREA 47			FERC REGIONAL OFFICE CODE SF				

GIBRALTER	*CA00138 *SPL0128*	*SANTA YNEZ RIVER	*S	*CITY OF SANT *A BARBARA	* 34 31.6 *119 41.2	* 216.0*	* 62.*	* 121.*	* 142.*	* 15.*E	* 0.*E	* 0.*

JAMESON LAKE JUNIOR CAL	*CA00211 *SPL0129*	*SANTA YNEZ RIVER	*S	*MONTECITO CO * WATER DIST	* 34 39.5 *119 30.4	* 14.0*	* 6.*	* 114.*	* 134.*	* 6.*E	* 0.*E	* 0.*

ALISAL CREEK	*CA00731 *SPL0130*	*ALISAL CR	*S D I * R	*PETAN CO	* 34 32.8 *120 8.1	* 8.0*	* 6.*	* 66.*	* 78.*	* 2.*E	* 0.*E	* 0.*

LAKE CACHUMA-BRAIDBURY	*CA10136 *SPL1408*	*SANTA YNEZ RIVER	*ISR	*DOI USBR	* 34 35.0 *119 58.8	* 417.0*	* 72.*	* 162.*	* 201.*	* 240.*E	* 0.*E	* 0.*

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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 C A L I F O R N I 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	* HEIGHT * OF DAM	* MAXIMUM * STORAGE	* CAPACITY * (1000 (3))	* ENERGY * (GWH) (3)
	(1)		(2)		(DM,M)	(SQ MI)	(CFS)	(FT)	(FT)	(AC FT)	(3)	(3)
COUNTY NAME: SHASTA					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				
BIG SPRINGS RD	3*CAU0057*	*MCCLLOUD RIVER	*	*	* 41 11.0 *	* 369.0 *	* 959. *	* 297. *	* 0. *	* 0. *	* U 0. *	* U 0. *
	SPK0378				* 122 4.0 *					* T 39.14 *	* T 209.7	
BURNEY	*CAU0068*	*BURNEY CRK	*I	*	* 40 17.0 *	* 95.0 *	* 83. *	* 74. *	* 100. *	* 5. *	* U 0. *	* U 0. *
	SPK0379				* 121 14.0 *					* T .81 *	* T 4.4	
CHONTON TUBAS	*CAU0082*	*MCCLLOUD RIVER	*	*	* 41 1.5 *	* 604.0 *	* 1570. *	* 258. *	* 0. *	* 52. *	* U 0. *	* U 0. *
	SPK0380				* 122 12.5 *					* T 55.65 *	* T 292.5	
CLOVER	*CAU0086*	*CLOVER CREEK	*	*	* 40 34.0 *	* 2.0 *	* 6. *	* 69. *	* 93. *	* 100. *	* U 0. *	* U 0. *
	SPK0381				* 122 7.5 *					* T .05 *	* T .3	
DUTCH GULCH RESE	*CAU0113*	*COTTONWOOD CREEK	*CSIRO	*	* 40 22.8 *	* 395.0 *	* 453. *	* 189. *	* 245. *	* 1100. *	* U 0. *	* U 0. *
RVOIR	*SPK0382*				* 122 29.5 *					* T 45.83 *	* T 89.8	
FALL RIVER MILLS	*CAU0121*	*PIT RIVER	*	*	* 41 1.0 *	* 2754.0 *	* 477. *	* 84. *	* 113. *	* 175. *	* U 0. *	* U 0. *
	SPK0383				* 120 26.0 *					* T 3.52 *	* T 14.9	
FIDDLERS LAKE	*CAU0122*	*MIDDLE FORK COTT	*CIR	*	* 40 19.9 *	* 222.0 *	* 331. *	* 243. *	* 300. *	* 310. *	* U 0. *	* U 0. *
	SPK0384	*UNWOOD CREEK			* 122 39.6 *					* T 26.72 *	* T 47.9	
GAS POINT (M-5)	*CAU0135*	*NORTH FORK COTTO	*	*	* 40 22.8 *	* 388.0 *	* 703. *	* 149. *	* 202. *	* 490. *	* U 0. *	* U 0. *
	SPK0385	*NWOOD CREEK			* 122 30.9 *					* T 35.49 *	* T 69.5	
GIRVAN RESERVOIR	*CAU0137*	*CLEAR CRK	*	*	* 40 31.0 *	* 238.0 *	* 335. *	* 52. *	* 70. *	* 26. *	* U 0. *	* U 0. *
COTTONWOOD PHRR	*SPK0386*				* 122 23.5 *					* T 1.56 *	* T 6.0	
HULEN LAKE	*CAU0150*	*NORTH FORK COTTO	*CIR	*	* 40 27.1 *	* 86.0 *	* 106. *	* 164. *	* 222. *	* 331. *	* U 0. *	* U 0. *
	SPK0387	*NWOOD CREEK			* 122 33.4 *					* T 3.15 *	* T 9.0	
KANAKA	*CAU0170*	*CLEAR CRK	*	*	* 40 32.0 *	* 228.0 *	* 321. *	* 340. *	* 460. *	* 415. *	* U 0. *	* U 0. *
	SPK0388				* 122 31.5 *					* T 37.94 *	* T 62.6	
LOWER COTTONWOOD	*CAU0192*	*COTTONWOOD CREEK	*	*	* 40 22.4 *	* 877.0 *	* 819. *	* 171. *	* 231. *	* 3540. *	* U 0. *	* U 0. *
(M-1)	*SPK0389*	*MAIN STEM			* 122 18.6 *					* T 48.38 *	* T 79.3	

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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 A L I F O R N I 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) * (CF3) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SHASTA FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
M-2 *CAU0193*NORTH FORK COTTO* * * * 40 22.4 * 470.0* 851.* 159.* 215.* 1625.*U 0.*U 0.
*SPK0390*WOOD CREEK * * * * 122 24.2 * * * * * *T 45.76*T 89.6
MID-1 *CAU0204*MIDDLE FORK COTT* * * * 40 22.9 * 247.0* 130.* 140.* 190.* 223.*U 0.*U 0.
*SPK0391*WOOD CREEK * * * * 120 32.9 * * * * * *T 2.01*T 7.7
MILLVILLE LAKE *CAU0211*SOUTH COW CREEK * * * * 40 32.8 * 85.0* 104.* 141.* 181.* 160.*U 0.*U 0.
*SPK0392* * * * * 122 6.5 * * * * * *T 2.97*T 7.6
MILLVILLITO *CAU0212*SOUTH COW CREEK * * * * 40 32.4 * 163.0* 251.* 183.* 247.* 150.*U 0.*U 0.
*SPK0393* * * * * 122 7.8 * * * * * *T 4.20*T 20.4
DAK RUN DIVERSIO*CAU0224*DAK RUN * * * * 40 1.0 * 11.0* 14.* 39.* 80.* 5.*U 0.*U 0.
N *SPK0394* * * * * 122 2.5 * * * * * *T .39*T .4
OLD COW *CAU0227*OLD COW CRK * * * * 40 34.0 * 75.0* 92.* 107.* 145.* 18.*U 0.*U 0.
*SPK0395* * * * * 122 5.5 * * * * * *T 2.90*T 5.6
PALO CEDRO RESER*CAU0234*COW CREEK * * * * 40 28.3 * 433.0* 539.* 54.* 87.* 160.*U 0.*U 0.
VOIR *SPK0396* * * * * 122 13.7 * * * * * *T 4.71*T 23.6
PIT NO.2 *CAU0245*PIT RIVER * * * * 41 0. * 4150.0* 1541.* 103.* 0.* 0.*U 0.*U 0.
*SPK0397* * * * * 121 34.0 * * * * * *T 34.69*T 106.6
SAELTZER LAKE *CAU0262*CLEAR CREEK * * * * 40 35.0 * 231.0* 335.* 178.* 241.* 200.*U 0.*U 0.
*SPK0398* * * * * 122 31.1 * * * * * *T 20.14*T 33.2
SALZMAN (M-3) *CAU0266*NORTH FORK COTTO* * * * 40 22.6 * 431.0* 790.* 126.* 170.* 620.*U 0.*U 0.
*SPK0399*WOOD CREEK * * * * 122 24.6 * * * * * *T 33.18*T 65.0
SELVESTER *CAU0270*MF COTTONWOOD CR* * * * 40 24.0 * 30.0* 53.* 400.* 0.* 322.*U 0.*U 0.
*SPK0400*EEK * * * * 122 45.5 * * * * * *T 2.97*T 6.1
SUGAR LOAF *CAU0291*HAT CREEK * * * * 40 44.0 * 155.0* 135.* 595.* 0.* 0.*U 0.*U 0.
*SPK0401* * * * * 121 26.0 * * * * * *T 10.67*T 58.2
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P O T E N T I A L H Y D R O P O W E R S I T E S
I N T H E S T A T E O F C A L I F O R N I A

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * NET * HEIGHT * MAXIMUM *
* (1) * * * (2) * * * * LONGITUDE * AREA * INFLOW * HEAD * DAM * STORAGE * CAPACITY * ENERGY
* * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SHASTA FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE 9F
*****
TOWERHOUSE *CAU0303*CLEAR CREEK * * * 40 40.0 * 180.0* 253. 400.* 0.* 468.*U 0.*U 0.
*SPK0402* * * 122 38.0 * * * *T 35.24*T 58.2
VACACILLA *CAU0308*LITTLE COW CREEK* * * 40 38.5 * 98.0* 120. 111.* 143.* 150.*U 0.*U 0.
*SPK0403* * * 122 12.5 * * * *T 2.95*T 7.3
WILLOW *CAU0319*SQUAW VALLEY CRK* * * 41 9.5 * 42.0* 82. 215.* 291.* 250.*U 0.*U 0.
*SPK0404* * * 122 10.0 * * * *T 2.98*T 10.8
ANDERSON COTTONWOOD DIVERSION *CA00226*SACRAMENTO RIVER*I *ANDERSON COT* 40 35.6 * 6468.0* 8747.* 14.* 6.* 24.*E 0.*E 0.
*SPK0405* * * 122 23.5 * * * *N 14.00*N 75.0
COLEMAN FOREBAY *CA00392*TRI BATTLE CREEK*H *PACIFIC GAS * 40 24.8 * 332.0* 540.* 482.* 17.* 0.*E 13.80*E 56.8
*SPK0406* * * 122 6.8 * * * *N 0.*N 0.
MACUMBER LAKE *CA00393*NORTH BATTLE CRE*H *PACIFIC GAS * 40 32.3 * 25.0* 180.* 17.* 20.* 0.*E 0.*E 0.
*SPK0407*EK * * 121 43.9 * * * *N .51*N 2.2
NORTH BATTLE CRK *CA00394*NORTH BATTLE CRE*H *PACIFIC GAS * 40 36.2 * 3.0* 4.* 34.* 40.* 1.*E 0.*E 0.
*SPK0408*EK * * 121 39.3 * * * *N .06*N .1
LAKE BRITTON (PIT NO 3 DAM) *CA00395*PIT RIVER *H *PACIFIC GAS * 41 1.3 * 4747.0* 2770.* 315.* 102.* 41.*E 80.19*E 385.4
*SPK0409* * * 121 40.5 * * * *N 0.*N 0.
PIT FOUR RESERVOIR *CA00397*PIT RIVER *H *PACIFIC GAS * 40 59.3 * 4784.0* 2797.* 382.* 44.* 2.*E 90.00*E 422.2
*SPK0410* * * 121 46.1 * * * *N 0.*N 0.
TUNNEL RESERVOIR (PIT NO. 5 FOREBAY) *CA00403*SUGAR PINE CREEK*H *PACIFIC GAS * 40 59.9 * 4900.0* 2797.* 613.* 57.* 1.*E 140.56*E 836.0
*SPK0411* * * 121 53.3 * * * *N 0.*N 0.
HAT CREEK NO. 2 DIVERSION *CA00404*HAT CREEK *H *PACIFIC GAS * 40 57.0 * 431.0* 140.* 217.* 15.* 1.*E 10.00*E 39.3
*SPK0412* * * 121 32.7 * * * *N 0.*N 0.
PIT NO 1 FOREBAY *CA00405*FALL RIVER *H *PACIFIC GAS * 41 .5 * 676.0* 1758.* 454.* 20.* 3.*E 56.00*E 264.1
*SPK0413* * * 121 26.8 * * * *N 53.60*N 311.9
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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 A L I F O R N I A

(07/09/79)

PROJECT NAME	* IDENT * * NUMBER * (1)	* NAME OF STREAM * * GR RIVER *	* PROJ * * FURP * (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 * (MWH) * (3)	* ENERGY * (GWH) * (3)

COUNTY NAME: SHASTA					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE 9F				

PIT NO 6 RESERVOIR	*CA000414*	*PIT RIVER	*MS	*PACIFIC GAS	* 40 55.4 *	* 5451.0*	* 5000.*	* 155.*	* 128.*	* 16.*E	* 79.20*E	* 335.0
	SPK0414			*ELECT CO	*121 59.6 *					*N	* 0.*N	* 0.
PIT NO 7 RESERVOIR	*CA000415*	*PIT RIVER	*H	*PACIFIC GAS	* 40 50.8 *	* 5601.0*	* 5590.*	* 205.*	* 186.*	* 34.*E	* 104.40*E	* 495.0
	SPK0415			*ELECT CO	*121 59.4 *					*N	* 0.*N	* 0.
LAKE MCCLLOUD	*CA000416*	*MCCLLOUD RIVER	*H	*PACIFIC GAS	* 41 7.9 *	* 420.0*	* 1020.*	* 168.*	* 198.*	* 35.*E	* 0.*E	* 0.
	SPK0416			*ELECT CO	*122 4.2 *					*N	* 25.24*N	* 132.7
IRON CANYON RESE RVOIR	*CA000417*	*CEDAR SALT LOG CREEK	*H	*PACIFIC GAS	* 41 2.5 *	* 431.0*	* 1084.*	* 122.*	* 200.*	* 24.*E	* 154.80*E	* 540.0
	SPK0417			*ELECT CO	*121 59.1 *					*N	* 0.*N	* 0.
PIT NO 5 DIVERSI ON	*CA000462*	*PIT RIVER	*H	*PACIFIC GAS	* 40 59.4 *	* 4711.0*	* 2797.*	* 13.*	* 15.*	* 0.*E	* 0.*E	* 0.
	SPK0418			*ELECT. CO.	*121 52.2 *					*N	* 3.10*N	* 13.4
MISSELBECK DAM	*CA01027*	*N. FK COTTONWOOD CREEK	*I	*CHARLES TRIS	* 40 30.0 *	* 12.0*	* 16.*	* 84.*	* 99.*	* 5.*E	* 0.*E	* 0.
	SPK0419			*DALE WAT CO	*122 41.8 *					*N	* .61*N	* .6
HAYNES RESERVOIR	*CA01030*	*GOOSE CREEK	*I S	*GOOSE VALLEY	* 40 54.4 *	* 5.0*	* 10.*	* 53.*	* 62.*	* 6.*E	* 0.*E	* 0.
	SPK0420			*RANCH INC	*121 45.9 *					*N	* .13*N	* .3
COW CREEK POWERH OUSE	*CA08006*	*SOUTH COW CREEK	*H	*PACIFIC GAS	* 40 34.2 *	* 72.0*	* 88.*	* 715.*	* 0.*	* 0.*E	* 1.44*E	* 12.0
	SPK0421			*AND ELECT.	*122 1.0 *					*N	* 17.11*N	* 25.3
KILARC POWERHOU SE	*CA08011*	*N. FK. COW CREEK	*H	*PACIFIC GAS	* 40 40.2 *	* 29.0*	* 209.*	* 1150.*	* 0.*	* 0.*E	* 3.00*E	* 22.0
	SPK0422			*ELECT.	*121 51.7 *					*N	* 38.77*N	* 150.4
VOLTA POWERHOUSE	*CA08018*	*HILL SEAT CREEK	*H	*PACIFIC GAS	* 40 27.5 *	* 99.0*	* 230.*	* 1254.*	* 0.*	* 0.*E	* 6.40*E	* 39.6
	SPK0423			*AND ELECT.	*121 52.3 *					*N	* 47.45*N	* 140.0
KESWICK RESERVOI R	*CA10160*	*SACRAMENTO RIVER	*HOCR	*DOJ USBR	* 40 36.7 *	* 6704.0*	* 8747.*	* 78.*	* 121.*	* 25.*E	* 75.00*E	* 477.5
	SPK0424				*122 26.6 *					*N	* 0.*N	* 0.
SHASTA LAKE	*CA10186*	*SACRAMENTO RIVER	*ISHNC	*CO: USBR	* 40 43.1 *	* 6665.0*	* 7683.*	* 330.*	* 526.*	* 4662.*E	* 454.32*E	* 2021.6
	SPK0425		*RO		*122 25.2 *					*N	* 87.77*N	* 97.8

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 C A L I F O R N I 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 * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * * (2) * * * * (DM, P) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SHASTA                FERC POWER SUPPLY AREA 46    FERC REGIONAL OFFICE CODE SF
*****
SPRING CREEK RES*CA10190*SPRING CREEK *DO *DOI  USBR * 40 37.8 * 15.5* 2187.* 144.* 184.* 7.*E 150.00*E 543.6
ERVOIR          *SPK0426*                * * * * * * 122 28.6 * * * * * * * *N 0. *N 0.
*****
WHISKEYTOWN RESE*CA10204*CLEAR CREEK *IHROS*DOI  USBR * 40 35.9 * 201.0* 86.* 225.* 263.* 276.*E 0. *E 0.
RVOIR           *SPK0427*                * * * * * * 122 32.2 * * * * * * * *N 3.00*N 10.9
*****
COUNTY NAME: SIERRA                FERC POWER SUPPLY AREA 46    FERC REGIONAL OFFICE CODE SF
*****
CLOVER VALLEY   *CAU0088*SMITHNECK CRK * * * * * * 39 38.5 * 16.0* 36.* 65.* 88.* 6.*U 0. *U 0.
                *SPK0428*                * * * * * * 120 13.0 * * * * * * * *T .85*T 1.6
*****
GOODYEARS BAR   *CAU0140*N FK YUBA RIVER * * * * * * 39 30.0 * 239.0* 711.* 264.* 0.* 57.*U 0. *U 0.
                *SPK0429*                * * * * * * 120 52.0 * * * * * * * *T 52.62*T 126.6
*****
INDIAN VALLEY   *CAU0157*N FK YUBA RIVER * * * * * * 39 31.0 * 304.0* 904.* 430.* 0.* 180.*U 0. *U 0.
                *SPK0430*                * * * * * * 121 1.0 * * * * * * * *T 109.01*T 262.3
*****
RANDOLPH        *CAU0255*COLD STREAM * * * * * * 39 33.5 * 22.0* 50.* 157.* 0.* 21.*U 0. *U 0.
                *SPK0431*                * * * * * * 120 21.0 * * * * * * * *T 2.68*T 5.1
*****
SHEEP CAMP      *CAU0272*CARMEN CRK *IR * * * * * * 39 42.0 * 89.0* 100.* 61.* 72.* 65.*U 0. *U 0.
                *SPK0432*                * * * * * * 120 30.0 * * * * * * * *T 2.12*T 1.9
*****
INDEPENDENCE LAK*CA00458*INDEPENDENCE CRE*H S *SIERRA-PACIF* 39 27.1 * 8.0* 32.* 21.* 25.* 19.*E 0. *E 0.
E               *SPK0433*EK                * * * * * * 120 17.4 * * * * * * * *N .14*N .3
*****
STAMPEDE RESERVO*CA10192*LITTLE TRUCKEE R*CRM *DOI  USBR * 39 28.0 * 130.0* 178.* 183.* 225.* 280.*E 0. *E 0.
IR              *SPK0434*IVER                * * * * * * 120 6.2 * * * * * * * *N 3.05*N 12.6
*****
COUNTY NAME: SIENKYOU              FERC POWER SUPPLY AREA 46    FERC REGIONAL OFFICE CODE SF
*****
UPPERFALLS      *CAU0307*MCCLLOUD RIVER * * * * * * 41 14.0 * 264.0* 686.* 450.* 0.* 100.*U 0. *U 0.
                *SPK0435*                * * * * * * 122 2.0 * * * * * * * *T 42.43*T 223.0
*****

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET *HEIGHT* MAXIMUM*
PROJECT NAME * NUMBER* OR RIVER * PURP* OWNER *LONGITUDE* AREA * INFLOW * HEAD * DAM * (.000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CF8) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: SONOMA FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
KNIGHTS VALLEY *CAU0024*MAACAMA CREEK * * * 38 3.8 * 59.0* 110.* 110.* 149.* 223.*L 0. *U 0.
*SPN0042* * * * 122 4.5 * * * * * 2.09*T 2.8
BIG SULPHUR *CAU0025*BIG SULPHUR CREEK * * * 38 4.9 * 82.0* 192.* 353.* 477.* 252.*L 0. *U 0.
*SPN0043*K * * * 122 5.9 * * * * * 8.52*T 11.8
WARM SPRINGS DAM*CAU0033*DRY CREEK *CF *CORPS * 38 42.0 * 11.0* 212.* 203.* 274.* 381.*L 0. *U 0.
*SPN0044* * * * 123 0. * * * * * 1.59*T 1.7
*****
COUNTY NAME: STANISLAUS FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
EUGENE *CAU0118*LITTLE JOHNS CREEK * * * 37 53.8 * 1019.0* 1634.* 21.* 51.* 0.*U 0. *U 0.
*SPK0436*EK * * * 120 48.7 * * * * * 3.59*T 17.1
KNIGHTS FERRY *CAU0177*STANISLAUS RIVER*I * * * 37 50.0 * 986.0* 1327.* 121.* 160.* 15.*U 0. *U 0.
*SPK0437* * * * 120 38.8 * * * * * 55.45*T 132.7
WOODWARD RESERVOIR*CA00276*SIMMONS CREEK (O*I *SOUTH SAN JO * 37 51.7 * 12.0* 430.* 51.* 60.* 35.*E 0. *E 0.
*SPK0438*FFSTREAM) * *AGUIA I D * 120 52.6 * * * * * 3.00*N 12.0
LA GRANGE RESERVOIR*CA00278*TUOLUMNE RIVER *I *TURLOCK AND * 37 40.3 * 1538.0* 446.* 111.* 131.* 1.*E 3.90*E 18.0
*SPK0439* * *MCOESTO I D * 120 26.6 * * * * * 0. *N 0.
*****
COUNTY NAME: TEHAMA FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
A=2 *CAU0033*SOUTH FORK COTTON CREEK * * * 40 19.0 * 381.0* 518.* 167.* 226.* 920.*U 0. *U 0.
*SPK0440*NEWWOOD CREEK * * * 122 26.9 * * * * * 11.27*T 54.4
ANTELOPE BASIN *CAU0041*ANTELOPE, SALT, L * * * 40 12.0 * 48.0* 111.* 1150.* 65.* 37.*U 0. *U 0.
*SPK0441*LITTLE ANTELOPE * * * 122 11.0 * * * * * 23.03*T 79.2
BELLE-MILL *CAU0055*ANTELOPE CREEK * * * 40 10.9 * 123.0* 285.* 29.* 39.* 45.*U 0. *U 0.
*SPK0442* * * * 122 7.6 * * * * * 1.21*T 4.9
*****
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 A L I F O R N I A

(07/09/79)

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

COUNTY NAME: TENHAMA FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF												

CROWN	*CAU0099*	DEER CREEK	*C1R*		* 39 9.0 *	52.0*	106.*	48.*	48.*	11.*	0.*	0.*
	SPK0443				*121 58.5 *					*T	1.69*T	2.8
DEER NO. 1	*CAU0101*	DEER CRK			* 40 9.0 *	79.0*	183.*	1618.*	0.*	185.*	0.*	0.*
	SPK0444				*121 39.0 *					*T	55.44*T	185.0
DEER CREEK NO 2	*CAU0102*	DEER CRK			* 40 4.0 *	126.0*	194.*	828.*	0.*	0.*	0.*	0.*
	SPK0445				*121 49.0 *					*T	43.49*T	101.5
DEER CRK NO 3	*CAU0103*	DEER CRK			* 40 1.0 *	147.0*	226.*	1070.*	0.*	0.*	0.*	0.*
	SPK0446				*121 54.0 *					*T	65.57*T	153.1
DEER CRK NO 4	*CAU0104*	BRUSH CRK			* 39 59.0 *	184.0*	283.*	158.*	0.*	0.*	0.*	0.*
	SPK0447				*121 57.0 *					*T	15.19*T	35.5
DEER CREEK MEADOWS RESERVOIR	*CAU0106*	DEER CREEK			* 40 16.0 *	50.0*	306.*	837.*	170.*	153.*	0.*	0.*
	SPK0448				*121 26.4 *					*T	69.43*T	162.1
DEHAVEN	*CAU0107*	LITTLE ANTELOPE CRK			* 40 13.0 *	123.0*	285.*	111.*	150.*	10.*	0.*	0.*
	SPK0449				*122 5.0 *					*T	4.24*T	18.3
DIPPINGVAT LAKE	*CAU0110*	SOUTH FORK COTTO	*C1R*		* 40 39.7 *	132.0*	186.*	220.*	297.*	485.*	0.*	0.*
	SPK0450	NW000 CREEK			*122 34.9 *					*T	14.18*T	23.4
GALATIN	*CAU0132*	ELDER CREEK			* 40 1.6 *	93.0*	104.*	234.*	317.*	250.*	0.*	0.*
	SPK0451				*122 30.5 *					*T	7.25*T	16.8
HUNTER LAKE	*CAU0153*	SOUTH FORK COTTO			* 40 12.8 *	211.0*	315.*	107.*	145.*	140.*	0.*	0.*
	SPK0452	NW000 CREEK			*122 32.0 *					*T	5.56*T	15.7
IRON CANYON	*CAU0161*	SACRAMENTO RIVER			* 40 14.0 *	9625.0*	12383.*	122.*	156.*	1000.*	0.*	0.*
	SPK0453				*122 21.0 *					*T	277.84*T	938.9
MORGAN SPRINGS DIVDAM	*CAU0214*	MILL CREEK			* 40 21.5 *	3.0*	4.*	67.*	90.*	8.*	0.*	0.*
	SPK0454				*122 30.0 *					*T	.12*T	.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 C A L I F O R N I 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 CAPACITY (1000 AC FT)	ENERGY (MW) (3)	ENERGY (GWH) (3)
COUNTY NAME: TEHAMA												
					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				
PAIN DAM	CAU0233 SPK0455	PAYNES CREEK	FR		40 0. 122 0.	92.0	213.	38.	52.	12. U T	0. U 1.24 T	0. 4.9
PAPE DAM	CAU0235 SPK0456	MILL CREEK			40 9.5 121 48.8	88.0	204.	252.	317.	200. U T	0. U 6.68 T	0. 29.5
PASKENTA	CAU0238 SPK0457	THOMES CREEK			39 52.4 122 34.7	185.0	276.	186.	242.	400. U T	0. U 17.12 T	0. 30.7
PASKENTA	CAU0239 SPK0458	THOMES CRK	SIOCR		39 52.5 122 33.0	194.0	248.	172.	233.	130. U T	0. U 16.58 T	0. 29.7
ROSEWOOD LAKE	CAU0258 SPK0459	DRY CREEK	OI		40 16.5 122 33.1	127.0	80.	118.	150.	300. U T	0. U 4.36 T	0. 11.1
S-1	CAU0261 SPK0460	SOUTH FORK COTTO NWOOD CREEK			40 20.9 122 21.7	403.0	548.	129.	175.	575. U T	0. U 8.65 T	0. 43.9
SCHOENFIELD	CAU0268 SPK0461	RED BANK CREEK			40 6.4 122 32.7	49.0	114.	247.	280.	150. U T	0. U 3.79 T	0. 16.3
TEHAMA RESERVOIR	CAU0298 SPK0462	SOUTH FORK COTTO NWOOD CREEK	CSIRO		40 19.8 122 26.0	382.0	268.	164.	216.	900. U T	0. U 11.01 T	0. 53.4
TGM HEAD LAKE	CAU0302 SPK0463	SOUTH FORK COTTO NWOOD CREEK			40 10.5 122 33.4	137.0	204.	142.	192.	50. U T	0. U 5.17 T	0. 13.9
WING LAKE	CAU0323 SPK0464	INKS CREEK			40 20.2 122 8.7	27.0	55.	146.	191.	250. U T	0. U 2.66 T	0. 4.4
INSKIP POWERHOUSE	CA08014 SPK0465	SOUTH FORK BATTL E CREEK	PACIFIC GAS AND ELECT.		40 24.1 121 58.6	292.0	450.	378.	0.	0. E N	6.00 E 40.01 N	37.9 69.5
BLACK BUTTE LAKE	CA10102 SPK0466	STONEY CREEK	CIR	DAEN SPK	39 49.1 122 20.2	736.0	109.	99.	135.	370. E N	0. E 8.71 N	0. 13.9
LEGEND												

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * *LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH) * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: TEHAMA FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
RED BLUFF DIVERS*CA10181*SACRAMENTO RIVER*IR *DOI USBR * 40 13.0 * 281.0* 8450.* 13.* 29.* 4.*E 0.*E 0.
ION *SPK0467* *122 10.8 * * * * *N .52*N 2.5
*****
COUNTY NAME: TRINITY FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
OLD COW CREEK DI*CAU0228*OLD COW CREEK * * * 40 38.0 * 22.0* 72.* 110.* 110.* 0.*U 0.*U 0.
VERSION DAM *SPK0468* *123 15.5 * * * * *T 2.47*T 4.2
*****
CLAIR ENGLE LAKE*CA10196*TRINITY RIVER *IHCR*DOI USBR * 40 48.1 * 688.0* 1640.* 345.* 458.* 2761.*E 106.00*E 409.0
TRINITY *SPN0045* *122 45.7 * * * * *N 0.*N 0.
*****
COUNTY NAME: TULARE FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CODE SF
*****
EAST FORK *CAU0115*EAST FORK KAWEAH * * * 36 27.0 * 82.0* 64.* 58C.* 0.* 0.*U 0.*U 0.
*SPK0469* RIVER *118 47.0 * * * * *T 13.01*T 23.8
*****
HUNGRY HOLLOW *CAU0152*DEER CREEK *IH * * 36 .5 * 8.0* 4.* 204.* 267.* 831.*U 0.*U 0.
*SPK0470* *118 56.6 * * * * *T .19*T .5
*****
JUNCTION (FAIRVIEW)*CAU0168*KERN RIVER * * * 36 0. * 750.0* 633.* 1040.* 0.* 190.*U 0.*U 0.
*SPK0471* *118 29.0 * * * * *T 202.94*T 446.7
*****
LAMONT MEADOW *CAU0180*CHIMNEY CREEK * * * 35 49.0 * 34.0* 16.* 148.* 200.* 5.*U 0.*U 0.
*SPK0472* *118 3.0 * * * * *T 1.03*T 1.5
*****
LINEKILN *CAU0183*DRY CRK * * * 35 16.0 * 642.0* 699.* 209.* 250.* 0.*U 0.*U 0.
*SPK0473* *118 31.5 * * * * *T 48.45*T 98.3
*****
LITTLE KERN *CAU0187*N FK KERN RIVER * * * 36 8.0 * 508.0* 429.* 955.* 0.* 25.*U 0.*U 0.
*SPK0474* *118 27.0 * * * * *T 126.22*T 277.8
*****
MIDDLE FORK *CAU0207*MIDDLE FORK TULE* * * 36 8.1 * 102.0* 38.* 103.* 140.* 13.*U 0.*U 0.
*SPK0475* RIVER *118 46.8 * * * * *T 1.45*T 2.3
*****

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

(07/09/79)

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

COUNTY NAME: TULARE					FERC POWER SUPPLY AREA 47			FERC REGIONAL OFFICE CODE SF				

NORTH FORK	*CAU0219*	NORTH FORK TULE	*	*	* 36 10.3 *	80.0*	30.*	20.*	20.*	0.*U	0.*U	0.*
	SPK0476	RIVER	*	*	*118 47.8 *					*T	.22*T	.3
QUINCY SCHOOL	*CAU0251*	WHITE RIVER	*	*	* 35 49.0 *	98.9*	37.*	109.*	109.*	0.*U	0.*U	0.*
	SPK0477		*	*	*118 57.4 *					*T	1.48*T	2.4
ROCKHOUSE	*CAU0257*	SOUTH FORK KERN	*	*	* 35 49.0 *	423.0*	87.*	990.*	150.*	72.*U	0.*U	0.*
	SPK0478	RIVER	*	*	*118 12.0 *					*T	28.95*T	48.7
KAWEAH NO 2 POWE	*CA08004*	MID FK KAWEAH RI	*H	*SOUTHERN CAL	* 39 29.4 *	166.0*	99.*	367.*	0.*	0.*E	1.80*E	13.0
RHOUSE	*SPK0479*	RIVER	*	*IF. EDISON	*118 50.5 *					*N	19.42*N	31.1
KAWEAH NO.1 POWE	*CA08008*	EAST FORK KAWEAH	*H	*SOUTHERN CAL	* 39 27.7 *	86.0*	95.*	1326.*	0.*	0.*E	2.25*E	16.0
RHOUSE	*SPK0480*	RIVER	*	*IF. EDISON	*118 52.3 *					*N	0.*N	0.*
KAWEAH NO.3 POWE	*CA08009*	MIDDLE FORK KAWEAH	*H	*SOUTHERN CAL	* 39 27.7 *	155.0*	99.*	775.*	0.*	0.*E	2.80*E	25.0
RHOUSE	*SPK0481*	AM RIVER	*	*IF. EDISON	*118 54.1 *					*N	0.*N	0.*
LOWER TULE POWER	*CA08013*	MIDDLE FORK TULE	*H	*SOUTHERN CAL	* 36 8.2 *	87.0*	26.*	1140.*	0.*	0.*E	2.00*E	19.0
HOUSE	*SPK0482*	RIVER	*	*IF. EDISON	*118 47.3 *					*N	0.*N	0.*
TULE RIVER POWER	*CA08017*	NORTH FORK OF MI	*H	*PACIFIC GAS	* 39 9.9 *	35.0*	26.*	1532.*	0.*	0.*E	4.80*E	26.5
HOUSE	*SPK0483*	DDLE FORK TUL	*	*AND ELEC.	*118 43.2 *					*N	0.*N	0.*
SUCCESS LAKE	*CA10113*	TULE RIVER	*CIR	*DAEN SPK	* 36 3.5 *	391.0*	179.*	102.*	137.*	202.*E	0.*E	0.*
	SPK0484		*	*	*118 55.1 *					*N	4.22*N	11.2
LAKE KAWEAH-TERM	*CA10114*	KAWEAH RIVER	*CIR	*DAEN SPK	* 36 25.0 *	560.0*	657.*	174.*	225.*	266.*E	0.*E	0.*
INUS DAM	*SPK0485*		*	*	*119 .2 *					*N	10.00*N	40.0

COUNTY NAME: TUOLUMNE					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				

BELL MEADOWS RES	*CAU0053*	BELL CREEK	*	*	* 38 9.0 *	12.0*	36.*	55.*	75.*	12.*U	0.*U	0.*
ERVOIR	*SPK0486*		*	*	*119 56.9 *					*T	.85*T	1.3

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

(07/09/79)

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*          *          *          *          *          *          *          *          *          *
*  PROJECT  * IDENT  * NAME OF STREAM * PROJ * OWNER * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
*   NAME    * NUMBER *   OR RIVER   * PURP *      * LONGITUDE * AREA * INFLOW * HEAC * DAM * (1000 * CAPACITY * ENERGY
*           * (1)   *                   * (2) *      * (DM,M)   * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (MW) * (GWH)
*           *          *                   *          *          *          *          *          *          *
*****
COUNTY NAME: TUOLUMNE
*****
FERC POWER SUPPLY AREA 46
FERC REGIONAL OFFICE CODE SF
*****
BIG HUMBURG CREEK *CAU0056* TUOLUMNE RIVER *      *      * 37 53.0 * 1105.0 * 1772. * 233. * 0. * 80. *U 0. *U 0.
                  *SPK0487*          *      *      * 120 13.0 *      *      *      *      *      *      *      *      *      *
BIG TREES         *CAU0058* NORTH FORK STAN *      *      * 38 17.0 * 147.0 * 374. * 293. * 396. * 162. *U 0. *U 0.
                  *SPK0488* SLAUS RIVER   *      *      * 120 14.7 *      *      *      *      *      *      *      *      *
BROWNS MEADOW    *CAU0066* NORTH FORK TUOLU *      *      * 38 7.2 * 11.0 * 29. * 222. * 222. * 77. *U 0. *U 0.
                  *SPK0489* MNE RIVER     *      *      * 120 4.7 *      *      *      *      *      *      *      *      *
GANN'S POWERHOUSE *CAU0133* NORTH FORK STAN *      *      * 38 24.5 * 49.0 * 43. * 1418. * 150. * 6. *U 0. *U 0.
                  *SPK0490* SLAUS RIVER   *      *      * 120 4.7 *      *      *      *      *      *      *      *      *
HARDEN FLAT RESE *CAU0144* SOUTH FORK TUOLU *SAN FRANCISC * 37 48.3 * 85.0 * 196. * 152. * 205. * 42. *U 0. *U 0.
VOIR             *SPK0491* MNE RIVER     *O COUNTY    * 119 57.4 *      *      *      *      *      *      *      *      *
INGALLS          *CAU0159* CLAVEY RIVER   *      *      * 37 56.0 * 102.0 * 235. * 1700. * 0. * 65. *U 0. *U 0.
                  *SPK0492*          *      *      * 120 13.0 *      *      *      *      *      *      *      *      *
KENNEDY MEADOWS *CAU0176* MIDDLE FORK STAN *      *      * 38 18.5 * 48.0 * 146. * 89. * 121. * 10. *U 0. *U 0.
                  *SPK0493* ISLAUS RIVER *      *      * 119 45.0 *      *      *      *      *      *      *      *      *
LORDS RESERVOIR *CAU0190* HULL CREEK              *      *      * 38 3.4 * 10.0 * 30. * 96. * 130. * 10. *U 0. *U 0.
                  *SPK0494*          *      *      * 120 4.5 *      *      *      *      *      *      *      *      *
PAPER CABIN     *CAU0236* NORTH FORK TUOLU *      *      * 37 54.0 * 195.0 * 496. * 700. * 0. * 0. *U 0. *U 0.
                  *SPK0495* MNE RIVER     *      *      * 120 14.0 *      *      *      *      *      *      *      *      *
SAND BAR        *CAU0267* MIDDLE FORK STAN *      *      * 38 11.0 * 311.0 * 665. * 341. * 0. * 177. *U 0. *U 0.
                  *SPK0496* ISLAUS RIVER *      *      * 120 8.0 *      *      *      *      *      *      *      *      *
SOUTH FORK      *CAU0280* SOUTH FORK TUOLU *      *      * 37 49.0 * 108.0 * 249. * 824. * 0. * 0. *U 0. *U 0.
                  *SPK0497* MNE RIVER     *      *      * 120 0. *      *      *      *      *      *      *      *      *
STONE MEADOW    *CAU0290* UNNAMED TRIB TO *ROI *      *      * 37 51.0 * 47.0 * 9. * 89. * 105. * 9. *U 0. *U 0.
                  *SPK0498* HF TUOLUMNE R *      *      * 119 51.1 *      *      *      *      *      *      *      *      *
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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)

PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF CALIFORNIA

(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 * (FT)	* HEIGHT * OF * DAM * (FT)	* MAXIMUM * STORAGE * (1000 * AC FT)	* CAPACITY * (3)	* ENERGY * (MWH) * (GWH) * (3)

COUNTY NAME: TUOLUMNE												

UPPER CLAVEY	*CAU0305*	*CLAVEY RIVER	*	*	* 37 59.0 *	* 135.0 *	* 311. *	* 1935. *	* 0. *	* 60. *	* U	* 0. *
	SPK0499		*	*	* 120 3.0 *					* 221.44 *	* T	* 401.7
EARLY IN TAKE	*CA00120*	*TUOLUMNE RIVER	*H S	*CITY COUNTY	* 37 52.5 *	* 488.0 *	* 311. *	* 35. *	* 41. *	* 0. *	* E	* 0. *
	SPK0500		*	*S FRANCISCO	* 119 57.3 *					* 4.81 *	* N	* 17.0
LAKE ELEANOR	*CA00121*	*ELEANOR CREEK	*H S	*CITY COUNTY	* 37 58.4 *	* 78.0 *	* 65. *	* 48. *	* 57. *	* 28. *	* E	* 0. *
	SPK0501		*	*S FRANCISCO	* 119 52.7 *					* 2.33 *	* N	* 5.2
MOCCASIN LOWER	*CA00122*	*MOCCASIN CREEK	*H S	*CITY COUNTY	* 37 48.7 *	* 26.0 *	* 79. *	* 45. *	* 53. *	* 1. *	* E	* 0. *
	SPK0502		*	*S FRANCISCO	* 120 18.3 *					* 1.29 *	* N	* 2.3
HETCH HETCHY RSV	*CA00123*	*TUOLUMNE RIVER	*H S	*CITY COUNTY	* 37 56.9 *	* 455.0 *	* 999. *	* 1450. *	* 296. *	* 360. *	* E	* 67.50 *
R(ORSHAUGHNESSY D)	*SPK0503*		*	*S FRANCISCO	* 119 47.2 *					* 0. *	* N	* 0. *
PRIEST RESERVOIR	*CA00124*	*RATTLESNAKE CREEK	*H S	*CITY COUNTY	* 37 48.1 *	* 3.0 *	* 650. *	* 139. *	* 163. *	* 2. *	* E	* 0. *
	SPK0504	*K	*	*S FRANCISCO	* 120 15.9 *					* .33 *	* N	* .8
CHERRY LAKE	*CA00125*	*CHERRY CREEK	*H S	*CITY COUNTY	* 37 58.5 *	* 193.0 *	* 670. *	* 2481. *	* 300. *	* 268. *	* E	* 135.00 *
	SPK0505		*	*S FRANCISCO	* 119 54.5 *					* 67.50 *	* N	* 387.0
BEARDSLEY LAKE	*CA00263*	*MID FK STANISLAU	*H I	*OAKDALE S SA	* 38 12.2 *	* 316.0 *	* 635. *	* 264. *	* 240. *	* 98. *	* E	* 9.99 *
	SPK0506	*S RIVER	*	*N JOAQUIN ID	* 120 4.5 *					* 0. *	* N	* 0. *
DONNELLS RESERVOIR	*CA00264*	*MID FK STANISLAU	*H I	*OAKDALE S SA	* 38 19.8 *	* 224.0 *	* 240. *	* 1484. *	* 272. *	* 65. *	* E	* 54.00 *
	SPK0507	*S RIVER	*	*N JOAQUIN ID	* 119 57.7 *					* 0. *	* N	* 0. *
BEARDSLEY AFTERBAY	*CA00266*	*MID FK STANISLAU	*H I	*OAKDALE S SA	* 38 11.8 *	* 303.0 *	* 635. *	* 28. *	* 33. *	* 0. *	* E	* 0. *
	SPK0508	*S RIVER	*	*N JOAQUIN ID	* 120 5.4 *					* 2.37 *	* N	* 9.5
NEW DON PEDRO	*CA00281*	*TUOLUMNE RIVER	*H I	*TURLOCK AND	* 37 42.0 *	* 1546.0 *	* 1486. *	* 530. *	* 513. *	* 2030. *	* E	* 136.52 *
	SPK0509		* S	*MODESTO I D	* 120 25.2 *					* 0. *	* N	* 0. *
LYONS	*CA00387*	*S FK STANISLAUS	*H I	*PACIFIC GAS	* 38 5.6 *	* 67.0 *	* 129. *	* 1190. *	* 104. *	* 6. *	* E	* 1.60 *
	SPK0510	*RIVER	*	*ELECT CO	* 120 10.1 *					* 11.40 *	* N	* 42.0

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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 A L I F O R N I A

(07/09/79)

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

COUNTY NAME: TUOLUMNE					FERC POWER SUPPLY AREA 46			FERC REGIONAL OFFICE CODE SF				

PINECREST LAKE	CA00308	S FK STANISLAUS	H	PACIFIC GAS	38 12.0	27.0	100.	118.	139.	19.	0.	0.
STRAWBERRY LAKE)	SPK0511	RIVER		ELECT CO	119 59.3						2.89	5.9

RELIEF RESERVOIR	CA00390	RELIEF CREEK	H	PACIFIC GAS	38 16.8	28.0	136.	112.	132.	15.	0.	0.
	SPK0512			ELECT CO	119 43.9						2.86	5.8

STANISLAUS FORER	CA00391	STANISLAUS RIV	MH	PACIFIC GAS	38 8.8	380.0	635.	1525.	56.	0.	81.90	406.2
AY	SPK0513	ID-FK(OFFSTR)		ELECT CO	120 21.2						0.	0.

SPICERS MEADOW	CA00425	HIGHLAND CREEK	H I	PACIFIC GAS	38 23.6	42.0	125.	48.	56.	4.	0.	0.
ESERVOIR	SPK0514			ELECT CO	119 59.8						1.91	3.6

SPRING GAP POWER	CA00416	SOUTH FORK STANI	H	PACIFIC GAS	38 11.3	46.0	86.	1865.	0.	0.	6.00	48.5
HOUSE	SPK0515	SLAUS		AND ELECT.	120 7.1						0.	0.

MOCCASIN CREEK	CA00425	HETCH-HETCHY AQU	H	HETCH HETCHY	37 48.0	-0.	0.	1190.	-0.	0.	90.00	548.0
OWERHOUSE	SPK0516	EDUCT		WTR AND PWR	120 18.7						0.	0.

COUNTY NAME: VENTURA					FERC POWER SUPPLY AREA 47			FERC REGIONAL OFFICE CODE SF				

MATILIJIA	CA00312	MATILIJIA CREEK	I S	VENTURA COUN	34 29.1	54.0	28.	102.	120.	4.	0.	0.
	SPL0132			TY FC DIST	119 18.5						.72	1.0

SANTA FELICIA	CA00805	PIRU CR	S D	UNITED WATER	34 27.7	422.0	55.	153.	180.	100.	0.	0.
	SPL0133		O	CONS DIST	118 45.1						2.28	3.2

(LAKE) CASITAS	CA10139	COYOTE CREEK	ISC	DOI USBR	34 22.7	39.0	13.	227.	279.	287.	0.	0.
	SPL0134				119 19.8						1.21	1.7

LAKE CASITAS-CAS	CA10140	COYOTE CREEK OFF	ISC	DOI USBR	34 24.2	39.0	20.	26.	32.	287.	0.	0.
ITAS SADDLE DIKE	SPL0135	STREAM			119 19.3						.14	.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 A L I F O R N I A

(07/09/79)

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*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * ANNUAL * NET * HEIGHT * MAXIMUM *          *
* PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * OF * STORAGE * CAPACITY * ENERGY
*          * (1) *          * (2) *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * (1000 * (MM) * (GWH)
*          *          *          *          *          *          *          *          *          *
COUNTY NAME: YOLO          FERC POWER SUPPLY AREA 46          FERC REGIONAL OFFICE CODE SF
*****
BLUE RIDGE      *CAU0062*CACHE CREEK      *      *          * 38 56.0 * 952.0 * 434. * 444. * 601. * 1500. *U 0. *U 0.
                *SPK0517*          *      *          * 122 17.5 *          *          *          *          *          *          *          *
                *          *          *      *          *          *          *          *          *          *          *
BROOKS          *CAU0065*CACHE CRK      *      *          * 38 45.0 * 1044.0 * 476. * 37. * 50. * 6. *U 0. *U 0.
                *SPK0518*          *      *          * 122 5.3 *          *          *          *          *          *          *          *
                *          *          *      *          *          *          *          *          *          *          *
GUINDA          *CAU0143*CACHE CRK      *ICR *          * 38 50.5 * 992.0 * 630. * 118. * 160. * 303. *U 0. *U 0.
                *SPK0519*          *      *          * 122 11.5 *          *          *          *          *          *          *          *
                *          *          *      *          *          *          *          *          *          *          *
OAT             *CAU0225*OAT CRK      *      *          * 38 49.5 * 26.0 * 14. * 60. * 71. * 15. *U 0. *U 0.
                *SPK0520*          *      *          * 121 57.0 *          *          *          *          *          *          *          *
                *          *          *      *          *          *          *          *          *          *          *
PUTAH DIVERSION *CA10180*PUTAH CREEK      *ISRO *DOI USBR * 38 30.0 * 574.0 * 514. * 16. * 16. * 1. *E 0. *E 0.
                *SPK0521*          *      *          * 122 .2 *          *          *          *          *          *          *          *
COUNTY NAME: YUBA          FERC POWER SUPPLY AREA 46          FERC REGIONAL OFFICE CODE SF
*****
BANGOR          *CAU0050*NORTH HONCUT CRE *      *          * 39 23.5 * 47.0 * 139. * 39. * 53. * 5. *U 0. *U 0.
                *SPK0522*EK          *      *          * 121 28.0 *          *          *          *          *          *          *          *
                *          *          *      *          *          *          *          *          *          *          *
MARYSVILLE LAKE *CAU0198*YUBA RIVER      *HICRG *          * 39 13.3 * 1296.0 * 3138. * 330. * 358. * 916. *U 0. *U 0.
(PARKS BAR SITE) *SPK0523*          *O *          * 121 19.7 *          *          *          *          *          *          *          *
                *          *          *      *          *          *          *          *          *          *          *
NEW YORK        *CAU0218*NEW YORK      *      *          * 39 28.5 * 11.0 * 20. * 103. * 140. * 30. *U 0. *U 0.
                *SPK0524*          *      *          * 121 15.0 *          *          *          *          *          *          *          *
                *          *          *      *          *          *          *          *          *          *          *
WALDO           *CAU0312*DRY CRK      *      *          * 39 7.0 * 70.0 * 107. * 168. * 227. * 300. *U 0. *U 0.
                *SPK0525*          *      *          * 121 18.5 *          *          *          *          *          *          *          *
                *          *          *      *          *          *          *          *          *          *          *
WAMBØ           *CAU0314*N FK. YUBA RIVER *      *          * 39 31.0 * 267.0 * 794. * 645. * 0. * 0. *U 0. *U 0.
                *SPK0526*          *      *          * 121 6.0 *          *          *          *          *          *          *          *
                *          *          *      *          *          *          *          *          *          *          *
VIRGINIA RANCH *CA00842*FRENCH DRY CREEK *SDIR *BROWNS VALLE * 39 19.4 * 72.0 * 110. * 117. * 145. * 66. *E 0. *E 0.
                *SPK0527*          *Y IRR DIST *          * 121 18.7 *          *          *          *          *          *          *          *
                *          *          *      *          *          *          *          *          *          *          *
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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 C A L I F O R N I A

(07/09/79)

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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: YUBA FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
*      *      *      *      *      *      *      *      *      *      *      *      *      *
NEW BULLARDS BAR*CA00863*NORTH YUBA RIVER*S D I*YUBA CTY WAT* 39 23.6 * 489.0* 398.* 1390.* 572.* 970.*E 284.40*E2160.0
*SPK0528* *R *ER AGENCY *121 8.4 * * * * * * * *N 0.*N 0.
*      *      *      *      *      *      *      *      *      *      *      *      *      *
LAKE FRANCIS *CA00866*DOBBINS CR *S *YUBA CTY WAT* 39 21.6 * 7.0* 16.* 60.* 70.* 2.*E 0.*E 0.
*SPK0529* * *ER AGENCY *121 12.2 * * * * * * * *N .34*N .6
*      *      *      *      *      *      *      *      *      *      *      *      *      *
HARRY L ENGLEBRI*CA10105*YUBA RIVER *MCI *DAEN SPK * 39 14.3 * 1110.0* 2576.* 236.* 260.* 70.*E 56.10*E 282.0
GHT LAKE *SPK0530* * * * *121 16.0 * * * * * * * *N 0.*N 0.
*      *      *      *      *      *      *      *      *      *      *      *      *      *
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STATE OF HAWAII

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 H A W A I I

(07/09/79)

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

COUNTY NAME: HAWAII												

WAILOA	*HIU0007*	WAILOA	*M*		*20 4.8*	14.0*	71.*	253.*	0.*	0.*	*U	0.*
	PDH0001				*155 37.3*						*T	2.87*
												12.3
PUEO	*HI00128*	WAILUKU	*M*	*HILO ELECTRI*	19 43.8*	0.*	0.*	400.*	0.*	0.*	*E	2.25*
	PDH0002			*C LIGHT CO	*155 5.6*						*N	0.*
												0.
WAI'AU	*HI00129*	WAILUKU	*M*	*HILO ELECTRI*	19 43.4*	0.*	0.*	322.*	0.*	0.*	*E	1.10*
	PDH0003			*C	*155 7.3*						*N	0.*
												0.
HONOKAA	*HI00130*	LOWER HAMAKUA	*HI*	*HONOKAA SUGA*	20 5.8*	0.*	0.*	415.*	0.*	0.*	*E	.80*
	PDH0004			*R CO	*155 28.2*						*N	0.*
												0.
PAPA'IKOU MILL	*HI00131*	HONOME-OFFSTREAM	*M*	*HILO COAST P*	19 47.0*	0.*	0.*	207.*	0.*	0.*	*E	.13*
	PDH0005			*PROCESSING CO*	155 5.4*						*N	0.*
												0.
UNION	*HI00138*	KOHALA DITCH	*HI*	*KOHALA CORPO*	20 14.5*	0.*	41.*	565.*	0.*	0.*	*E	0.*
	PDH0006			*RATION	*155 48.7*						*N	.50*
												4.1

COUNTY NAME: HONOLULU												

KANE'OE KAILUA DAM	*HIU0002*	KAHU'OKALI'II STREAM	*CR*	*C+C HONOLULU*	21 23.7*	3.0*	10.*	56.*	76.*	4.*	*U	0.*
	PDH0007				*157 48.4*						*T	.10*
												.4
NUUANU RESERVOIR	*HI00001*	NUUANU STREAM	*CR*	*HONOLULU BOA*	21 21.3*	2.0*	4.*	51.*	69.*	4.*	*E	0.*
	PDH0008			*RD OF WATER	*157 48.6*						*N	.06*
												.1
WAHIAWA RESERVOIR	*HI00017*	KAUKONAHUA STREAM	*IR*	*CASTLE AND C*	21 30.0*	17.0*	203.*	70.*	88.*	9.*	*E	0.*
	PDH0009			*OOK LTD	*158 3.1*						*N	2.82*
												7.5
KU TREE RESERVOIR	*HI00025*	TR-KAUKONAHUA STREAM	*O*	*DOD USA	*21 30.0*	1.0*	3.*	80.*	97.*	1.*	*E	0.*
	PDH0010				*157 59.0*						*N	.07*
												.1

L E G E N D

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 (2) O=DEBRIS CONTROL, P=FARM POND, D=OTHER
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(07/09/79)

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

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ * * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LATITUDE * DRAINAGE * ANNUAL * POWER * OF * STORAGE * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: KAUAI FERC POWER SUPPLY AREA 50 FERC REGIONAL OFFICE CODE SF
*****
WAIMEA *HI00136*WAIMEA *HI *KEKAMA SUGAR* 22 2.9 * 32.0* 88.* 265.* 0.* 0.*E 1.00*E 3.6
*POH0023* * *CO *159 38.6 * * * * * *N 3.91*N 7.5
* * *
WAIAWA *HI00137*KAHOANA *HI *KEKAMA SUGAR* 21 59.8 * 0.* 0.* 275.* 0.* 0.*E .50*E 1.8
*POH0024* * *CO *159 43.6 * * * * * *N 0.*N 0.
*****
COUNTY NAME: MAUI FERC POWER SUPPLY AREA 50 FERC REGIONAL OFFICE CODE SF
*****
WAIHEE *HIU0006*WAIHEE RIVER *H * * 20 56.3 * 3.0* 58.* 241.* 0.* 0.*U 0.*U 0.
*POH0025* * * *156 32.9 * * * * * *T .73*T 2.0
* * *
KUALAPUU RESERVOIR *HI00041*TR-KALUA PEELUA *IS *STATE OF HAW* 21 9.3 * 2.0* 8.* 41.* 54.* 6.*E 0.*E 0.
*POH0026*GULCH OFFSTRM * *AII DLNR *157 3.0 * * * * * *N .12*N .2
* * *
PAIA *HI00125*WAILUA DITCH *IH *HCS CO * 20 53.4 * 0.* 0.* 260.* 0.* 0.*E .80*E .5
*POH0027* * * *156 20.4 * * * * * *N 0.*N 0.
* * *
KAHEKA *HI00126*WAILUA DITCH *IH *HCS CO * 20 53.5 * 0.* 0.* 660.* 0.* 0.*E 5.80*E 25.0
*POH0028* * * *156 21.6 * * * * * *N 0.*N 0.
* * *
KAUAULA *HI00127*KAUAULA *HI *PIONEER MILL* 20 52.7 * 2.0* 2.* 535.* 0.* 0.*E .50*E 2.0
*POH0029* * *CO *156 38.6 * * * * * *N 0.*N 0.
*****

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STATE OF NEVADA

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

POTENTIAL INCREMENTAL CAPACITY RANGES																	
N	F	T	S	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	1 CAP	2 CAP	3 CAP	4 CAP	TOTAL	
0-19	NUMBER	0	5	1	6	0	0	0	0	0	0	0	0	0	5	1	6
	CAPCTY	0.0	6.3	0.9	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.9	7.2
	ENERGY	0.0	13.8	4.5	18.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.8	4.5	18.4
20-49	NUMBER	1	12	1	13	0	0	0	0	0	0	0	0	1	12	1	13
	CAPCTY	0.8	14.8	1.2	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	14.8	1.2	16.0
	ENERGY	5.0	28.4	2.0	30.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	28.4	2.0	30.4
50-99	NUMBER	2	2	11	13	0	0	0	0	0	0	0	0	2	2	11	13
	CAPCTY	3.9	4.4	13.4	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	4.4	13.4	17.9
	ENERGY	30.0	8.7	30.9	39.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	8.7	30.9	39.7
>100	NUMBER	2	2	6	8	0	1	2	3	1	0	0	0	3	3	8	11
	CAPCTY	4.4	2.6	17.9	20.5	0.0	17.8	40.4	58.2	668	0.0	0.0	0.0	672	20.4	58.3	78.7
	ENERGY	33.0	4.0	59.4	63.4	0.0	26.5	116	143	2056	0.0	0.0	0.0	2089	30.6	176	206
TOTAL	NUMBER	5	21	19	40	0	1	2	3	1	0	0	0	6	22	21	43
	CAPCTY	9.1	28.1	33.5	61.7	0.0	17.8	40.4	58.2	668	0.0	0.0	0.0	677	46.0	73.9	120
	ENERGY	68.0	55.1	96.9	152	0.0	26.5	116	143	2056	0.0	0.0	0.0	2124	81.6	213	295

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 N E V A D 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: CHURCHILL FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
OLD RIVER RESERV*NV00086*CARSON RIVER *I *TRUCKEE CARS* 39 32.4 * 2000.0* 123.* 17.* 20.* 1.*E 0.*E 0.
DIR (SAGOUSPE DA*SPK0735* * *OH IRRIG DIS*118 43.7 * * * *N .76*N 1.3
*****
CARSON RIVER DIV*NV10120*CARSON RIVER *IHS *DUI USBR * 39 29.7 * 1800.0* 500.* 14.* 14.* 1.*E 0.*E 0.
ERSION *SPK0736* * * * *118 59.6 * * * *N 2.22*N 4.3
*****
LAHONTAN RESERV*NV10123*CARSON RIVER *IHRSD*DI USBR * 39 27.8 * 1750.0* 448.* 120.* 115.* 426.*E 2.40*E 13.0
IR *SPK0737* * * * *119 4.0 * * * *N 0.*N 0.
*****
STILLWATER POINT*NV10133*STILLWATER CANAL *R *DDI 35FW * 39 31.9 * 2000.0* 123.* 26.* 30.* 19.*E 0.*E 0.
RESERVOIR *SPK0738* * * * *118 28.8 * * * *N 1.14*N 1.9
*****
COUNTY NAME: CLARK FERC POWER SUPPLY AREA 48 FERC REGIONAL OFFICE CODE SF
*****
(LAKE HEAD) HOO*NV10122*COLORADO RIVER *HCON*DUI USER * 36 0. * 167800.0* 17000.* 491.* 592.* 30237.*E 667.50*E2055.5
ER DAM *SPL0136* *SR * * *114 42.0 * * * *N 0.*N 0.
*****
COUNTY NAME: DOUGLAS FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
WATASHEAMU RESER*NVU0015*EAST FORK CARSON*IC * * 38 50.0 * 344.0* 208.* 236.* 264.* 115.*U 0.*U 0.
VOIR *SPK0739* RIVER * * * *119 42.0 * * * *T 21.32*T 31.8
*****
MOYE CANYON RESE*NVU0020*WALKER RIVER *IC * * 38 42.5 * 533.0* 564.* 55.* 75.* 75.*U 0.*U 0.
RVOIR *SPK0740* * * * *119 36.0 * * * *T 3.38*T 14.0
*****
TOPAZ RESERVOIR *NV00093*W WALKER RIVER (*I *WALKER RIVER* 38 41.6 * 500.0* 235.* 23.* 27.* 59.*E 0.*E 0.
*SPK0741*OFF STREAM) * * IRR DIST *119 30.9 * * * *N 4.60*N 8.3
*****
COUNTY NAME: ELKO FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF
*****
PAISVILLE *NVU0001*EAST FORK OWYHEE*H * * 41 48.0 * 332.0* 105.* 350.* 0.* 0.*U 0.*U 0.
*NPW0386* RIVER * * * *115 57.3 * * * *T 5.59*T 24.5
*****

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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 V A D 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, P) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: ELKO FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF
*****
SKULL CREEK * NVU0002 * OWYHEE RIVER * H * * * 41 55.0 * 458.0 * 140. * 225. * 0. * 0. * U 0. * U 0.
* NPK0387 * * * * * 115 4.0 * * * * * * * T 4.79 * T 21.0
VISTA RESERVOIR * NVU0004 * MARYS RIVER * ICR * * * 41 19.8 * 373.0 * 55. * 50. * 68. * 50. * U 0. * U 0.
* SPK0742 * * * * * 115 15.0 * * * * * * * T 1.22 * T 2.0
MYLTON RESERVOIR * NVU0016 * SOUTH FORK HUMBO * CINU * * * 40 40.0 * 1150.0 * 90. * 68. * 92. * 210. * U 0. * U 0.
* SPK0743 * LOT * * * * * 115 47.0 * * * * * * * T 2.63 * T 4.4
DEVILS GATE RES * NVU0017 * NORTH FORK HUMBO * * * * 41 11.0 * 878.0 * 74. * 87. * 118. * 80. * U 0. * U 0.
* SPK0744 * LOT RIVER * * * * * 115 30.0 * * * * * * * T 2.66 * T 4.3
BISHOP CREEK RES * NVU0050 * BISHOP CREEK * I * PACIFIC RECL * 41 15.3 * 68.0 * 118. * 41. * 55. * 30. * E 0. * E 0.
* SPK0745 * * * * * AMATION CO * 114 54.9 * * * * * * * N 1.79 * N 3.0
WILLOW CREEK RES * NVU0054 * WILLOW CREEK * I * ELLISON RANC * 41 13.6 * 109.0 * 20. * 78. * 92. * 18. * E 0. * E 0.
* SPK0746 * * * * * KING CO * 116 32.3 * * * * * * * N .56 * N 1.0
CRITTENDEN RESER * NVU0108 * CRITTENDEN CREEK * I * MESQUITE LAN * 41 31.4 * 107.0 * 30. * 33. * 39. * 4. * E 0. * E 0.
* SPK0747 * * * * * D CO * 114 10.3 * * * * * * * N .15 * N .7
DAKE RESERVOIR * NVU0109 * THOUSAND SPRING * I * MESQUITE LAN * 41 21.8 * 1421.0 * 137. * 28. * 33. * 7. * E 0. * E 0.
* SPK0748 * CREEK * * * * * D CO * 114 5.0 * * * * * * * N 1.32 * N 2.6
21 MILE RESERVOIR * NVU0110 * THOUSAND SPRINGS * I * MESQUITE LAN * 41 31.8 * 801.0 * 77. * 43. * 50. * 5. * E 0. * E 0.
* SPK0749 * CREEK * * * * * D CO * 114 21.8 * * * * * * * N 1.13 * N 2.2
NO NAME * NVU0142 * NO NAME * D * CLIFFS COPPE * 41 49.0 * 15.0 * 60. * 209. * 60. * 0. * E 0. * E 0.
* NPW2613 * * * * * R CORP * 115 58.7 * * * * * * * N 2.36 * N 3.6
LAMODILLE POWER P * NV80001 * LAMODILLE CREEK * H * NEVADA POWER * 40 41.5 * 25.0 * 44. * 910. * 0. * 0. * E 0. * E 0.
* SPK0750 * * * * * CU * 115 28.5 * * * * * * * N 17.82 * N 26.6
WELLS POWERPLANT * NV80002 * TROUT CREEK * H * WELLS RURAL * 41 5.5 * 3.0 * 3. * 200. * 0. * 0. * E 0. * E 0.
* SPK0751 * * * * * ELECTRIC CO * 115 7.0 * * * * * * * N .25 * 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 N E V A D 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: EUREKA FERC POWER SUPPLY AREA 47 FERC REGIONAL OFFICE CODE SF
*****
LOWER MAGGIE CRE NVU0014 MAGGIE CREEK IC * 40 54.0 * 345.0 * 13. * 70. * 95. * 32. *U 0. *U 0.
EK *SPK0752 * * * * * 116 22.0 * * * * * *T .35 *T .5
*****
COUNTY NAME: HUMBOLDT FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
CHIMNEY RESERVOIR NVU0003 LITTLE HUMBOLDT CI * 41 23.2 * 790.0 * 150 * 67. * 90. * 127. *U 0. *U 0.
R *SPK0753 RIVER * * * * * 117 11.4 * * * * * *T .42 *T .8
*****
SENTINEL ROCK NVU0005 CROWLEY CREEK IC * 41 42.5 * 105.0 * 19. * 67. * 90. * 19. *U 0. *U 0.
*SPK0754 * * * * * 117 57.2 * * * * * *T .45 *T .8
*****
MCDERMITT CREEK NVU0006 MCDERMITT CREEK IC * 41 58.5 * 224.0 * 41. * 163. * 220. * 52. *U 0. *U 0.
RESERVOIR *SPK0755 * * * * * 117 51.0 * * * * * *T 2.37 *T 4.4
*****
FORT MCDERMITT NVU0007 QUINN RIVER IC * 41 58.5 * 140.0 * 26. * 140. * 190. * 44. *U 0. *U 0.
*SPK0756 * * * * * 117 35.0 * * * * * *T 1.28 *T 2.4
*****
SUGARLOAF RESERVOIR NVU0008 MARTIN CREEK IC * 41 32.2 * 172.0 * 32. * 259. * 150. * 167. *U 0. *U 0.
OIR *SPK0757 * * * * * 117 25.0 * * * * * *T 2.90 *T 5.4
*****
HARDSCRABBLE RESERVOIR NVU0009 MARTIN CREEK IC * 41 35.5 * 108.0 * 20. * 140. * 190. * 74. *U 0. *U 0.
*SPK0758 * * * * * 117 19.0 * * * * * *T .99 *T 1.8
*****
GREELY FLAT RESERVOIR NVU0010 NORTH FORK LITTLE HUMBOLDT IC * 41 39.8 * 120.0 * 22. * 100. * 135. * 89. *U 0. *U 0.
RVOIR *SPK0759 *E HUMBOLDT * * * * * 117 12.0 * * * * * *T .78 *T 1.4
*****
HOT SPRINGS RESERVOIR NVU0011 LITTLE HUMBOLDT IC * 41 24.5 * 1080.0 * 26. * 59. * 80. * 52. *U 0. *U 0.
RVOIR *SPK0760 RIVER * * * * * 117 20.0 * * * * * *T .51 *T .9
*****
LOWER LATONS SPRING NVU0012 SOUTH FORK LITTLE HUMBOLDT IC * 41 27.3 * 495.0 * 12. * 81. * 110. * 67. *U 0. *U 0.
ING *SPK0761 *E HUMBOLDT * * * * * 117 4.0 * * * * * *T .32 *T .6
*****
THOUSAND CREEK DAM NVU10118 THOUSAND CREEK IR *DOI BSW * 41 53.7 * 60.0 * 30. * 23. * 31. * 60. *E 0. *E 0.
AM *NPW2614 * * * * * 118 39.5 * * * * * *N .09 *N .2
*****

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PRELIMINARY ESTIMATES
POTENTIAL HYDROPOWER SITES
IN THE STATE OF NEVADA

(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)
* * * * * * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: LANDER FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
ROCK CREEK RESERVOIR NVU0013 ROCK CREEK IC * 40 52.5 * 815.0 * 30. * 63. * 85. * 80. * U 0. * U 0.
VOIR * SPK0762 * * * * 116 40.6 * * * * * * * T .73 * T 1.0
*****
COUNTY NAME: LYON FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
EUREKA RESERVOIR NVU0018 CARSON RIVER HIC * 39 12.0 * 876.0 * 395. * 200. * 0. * 0. * U 0. * U 0.
* SPK0763 * * * * * 119 38.0 * * * * * * T 19.10 * T 84.5
*****
PAIUTE RESERVOIR NVU0118 CARSON RIVER OFF CH * 39 12.0 * 876.0 * 718. * 11. * 15. * 5. * U 0. * U 0.
* SPK0764 * STREAM * * * * * 119 38.0 * * * * * * T .95 * T 4.5
*****
26 FOOT DROP POW NV00000 V CANAL (CARSON SIERRA PACIFIC 39 29.0 * 2000.0 * 100. * 26. * 0. * 0. * E .80 * E 5.0
ER PLANT * SPK0765 * RIVER) * IC POWER CO * 118 53.5 * * * * * * N .60 * N 1.0
*****
COUNTY NAME: MINERAL FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
WEBER RESERVOIR NV10132 HARKER RIVER I DUI DIA * 39 2.7 * 2700.0 * 158. * 29. * 35. * 14. * E 0. * E 0.
* SPK0766 * * * * * 118 51.6 * * * * * * N 1.74 * N 2.9
*****
COUNTY NAME: PERMING FERC POWER SUPPLY AREA 46 FERC REGIONAL OFFICE CODE SF
*****
UPPER PITT TAYLOR NVU0062 HUMBOLDT RIVER I PCWCD * 40 38.3 * 15700.0 * 207. * 15. * 18. * 24. * E 0. * E 0.
R RESERVOIR * SPK0767 * * * * * 118 16.3 * * * * * * N .27 * N 1.1
*****
LOWER PITT TAYLOR NVU0063 HUMBOLDT RIVER I PCWCD * 40 36.3 * 15700.0 * 207. * 22. * 26. * 22. * E 0. * E 0.
R RESERVOIR * SPK0768 * * * * * 118 18.0 * * * * * * N 1.50 * N 3.0
*****
RYE PATCH RESERVOIR NV10124 HUMBOLDT RIVER IRO DUI USBR * 40 28.2 * 13700.0 * 167. * 66. * 66. * 213. * E 0. * E 0.
DIR * SPK0769 * * * * * 118 18.0 * * * * * * N 3.92 * N 7.7
*****

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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 N E V A D A

(07/09/79)

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*****
* IDENT * NAME OF STREAM * PROJ *          * LATITUDE * DRAINAGE * AVERAGE * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * CR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * (MW) * (GWH)
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: STOREY                                FERC POWER SUPPLY AREA 46    FERC REGIONAL OFFICE CODE SF
*****
DERBY DAM      * NV10121 * TRUCKEE RIVER * IHS * DOI  LSBM * 39 35.2 * 1700.0 * 800. * 15. * 15. * 1. *E 0. *E 0.
               * SPK0770 *          * * * * * 119 26.8 * * * * * * * *N 2.31 *N 3.1
*****
COUNTY NAME: WASHOE                                FERC POWER SUPPLY AREA 46    FERC REGIONAL OFFICE CODE SF
*****
UPPER WALL CREEK * NV00023 * WALL CREEK * I * LEWIS CCKRE * 41 9.9 * 243.0 * 78. * 47. * 55. * 2. *E 0. *E 0.
RESERVOIR        * SPK0771 *          * * LL * 119 49.0 * * * * * * * *N 1.06 *N 2.5
*****
HIGHLAND RESERVOIR * NV00067 * TRUCKEE RIVER * I * SIERRA PACIF * 39 32.5 * 1067.0 * 679. * 9. * 10. * 0. *E 0. *E 0.
IR                * SPK0772 *          * * IC POWER CO * 119 49.7 * * * * * * * *N .74 *N 4.0
*****
MARLETTE LAKE    * NV00069 * MARLETTE CREEK * S * STATE OF NEV * 39 10.3 * 3.0 * 8. * 37. * 43. * 10. *E 0. *E 0.
                 * SPK0773 *          * * ADA * 119 54.4 * * * * * * * *N .09 *N .2
*****
FLEISH POWERPLAN * NV80003 * TRUCKEE RIVER * H * SIERRA PACIF * 39 28.5 * 978.0 * 800. * 125. * 0. * 0. *E 2.00 *E 20.0
T                * SPK0774 *          * * IC POWER CO * 119 59.5 * * * * * * * *N 0. *N 0.
*****
VERDI POWER PLAN * NV80004 * TRUCKEE RIVER * H * SIERRA PACIF * 39 31.5 * 994.0 * 800. * 96. * 0. * 0. *E 2.40 *E 16.0
T                * SPK0775 *          * * IC POWER CO * 119 58.7 * * * * * * * *N 0. *N 0.
*****
VERDI DIVERSION * NV80005 * TRUCKEE RIVER * H * SIERRA PACIF * 39 31.4 * 1028.0 * 800. * 88. * 0. * 0. *E 1.50 *E 14.0
DAM WASHOE POWER * SPK0776 *          * * IC POWER CO * 119 57.6 * * * * * * * *N 0. *N 0.
*****
COUNTY NAME: WHITE PINE                            FERC POWER SUPPLY AREA 47    FERC REGIONAL OFFICE CODE SF
*****
KEYSTONE RESERVOIR * NV00023 * GLEASON CREEK * IC * * * 39 18.0 * 55.0 * 95. * 34. * 46. * 2. *U 0. *U 0.
IR                 * SPK0777 *          * * * * * 114 58.5 * * * * * * * *T 1.23 *T 2.0
*****

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L E G E N D

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STATE OF UTAH

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

POTENTIAL INCREMENTAL CAPACITY RANGES																	
HEAD RANGE		0.05 MW - 15 MW				15 MW - 25 MW				GREATER THAN 25 MW				TOTAL			
SITE	NUMBER	EXISTING				EXISTING				EXISTING				TOTAL			
		INST	INCR	POTEN	TOTAL	INST	INCR	POTEN	TOTAL	INST	INCR	POTEN	TOTAL	INST	INCR	POTEN	TOTAL
		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	7	0	7	0	0	0	0	0	0	0	0	0	7	0	7
		CAPCTY	0.0	2.5	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	2.5
		ENERGY	0.0	5.1	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	5.1

20-49		1	20	2	22	0	0	0	0	0	0	2	2	1	20	4	24
		CAPCTY	0.2	9.4	1.2	10.6	0.0	0.0	0.0	0.0	0.0	62.7	62.7	0.2	9.4	63.9	73.3
		ENERGY	1.1	20.9	2.1	23.0	0.0	0.0	0.0	0.0	0.0	116	116	1.1	20.9	116	139

50-99		3	22	10	32	0	0	0	0	0	0	2	2	3	22	12	34
		CAPCTY	2.2	29.0	13.4	42.5	0.0	0.0	0.0	0.0	0.0	263	263	2.2	29.0	277	306
		ENERGY	10.3	83.1	33.1	116	0.0	0.0	0.0	0.0	0.0	595	595	10.3	83.1	628	711

>100		34	30	12	42	0	3	4	7	2	2	16	18	36	35	32	67
		CAPCTY	49.4	93.8	66.0	160	0.0	66.5	81.6	140	138	147	3525	3672	187	307	3673
		ENERGY	243	255	185	440	0.0	143	154	298	675	46.7	8174	6220	917	445	8513

TOTAL		38	79	24	103	0	3	4	7	2	2	20	22	40	84	48	132
		CAPCTY	51.9	135	80.7	216	0.0	66.5	81.6	140	138	147	3851	3998	190	346	4014
		ENERGY	254	364	220	584	0.0	143	154	298	675	46.7	8884	8931	929	554	9259

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 UTAH

(07/10/79)

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

COUNTY NAME: BEAVER					FERC POWER SUPPLY AREA 41			FERC REGIONAL OFFICE CODE SF				

ROCKY FORD	*UT00259*	BEAVER RIVER	*I	*ROCKY FORD I	* 38 13.0 *	* 534.0 *	* 37. *	* 51. *	* 60. *	* 27. *	* 0. *	* 0. *
	SPK0787			*RR CO	*112 50.0 *						*.54*	*1.4
BEAVER NO 2 POWE	*UT00801*	BEAVER RIVER	*H	*BEAVER CITY	* 38 17.1 *	* 90.0 *	* 50. *	* 140. *	* 0. *	* 0. *	*.28*	*1.4
RHOUSE	*SPK0788*			*CORP	*112 36.0 *						*0. *	*0. *

COUNTY NAME: BOX ELDER					FERC POWER SUPPLY AREA 41			FERC REGIONAL OFFICE CODE SF				

BLUE CREEK	*UT00044*	BLUE CREEK	*I	*BLUE CREEK I	* 41 8.4 *	* 93.0 *	* 10. *	* 38. *	* 45. *	* 3. *	* 0. *	* 0. *
	SPK0789			*RR CO	*112 27.4 *						*.94*	*1.8
BOX ELDER CREEK	*UT00050*	BOX ELDER CREEK	*I	*BRIGHAM CITY	* 41 26.8 *	* 14.0 *	* 15. *	* 49. *	* 58. *	* 3. *	* 0. *	* 0. *
	SPK0790			* CONSER CO	*111 54.8 *						*.30*	*.5
CUTLER	*UT00079*	BEAR RIVER	*H I	*UTAH POWER	* 41 50.1 *	* 6267.0 *	* 2000. *	* 127. *	* 91. *	* 27. *	* 30.00*	* 74.5
	SPK0791			* LIGHT CO	*112 3.0 *						*2.95*	*51.9
MANTUA	*UT00196*	ROCK CREEK SPRING	*S	*BRIGHAM CITY	* 41 29.6 *	* 15.0 *	* 16. *	* 21. *	* 25. *	* 8. *	* 0. *	* 0. *
	SPK0792	G			*111 56.1 *						*.14*	*.2
SOUTH JUNCTION R	*UT00285*	SOUTH JUNCTION CREEK	*I	*DIV WATER RE	* 41 50.7 *	* 15.0 *	* 9. *	* 24. *	* 28. *	* 1. *	* 0. *	* 0. *
ES	*NPW2622*			*SOURCES	*113 43.1 *						*.09*	*.1
BRIGHAM POWERHOUSE NO 1	*UT008052*	BOX ELDER CREEK	*H	*BRIGHAM CITY	* 41 30.1 *	* 12.0 *	* 16. *	* 575. *	* 0. *	* 0. *	* 1.20*	* 4.2
	SPK0793			* CORP	*111 59.3 *						*1.53*	*1.1
BRIGHAM POWERHOUSE NO 2	*UT008053*	BOX ELDER CREEK	*H	*BRIGHAM CITY	* 41 30.1 *	* 12.0 *	* 16. *	* 500. *	* 0. *	* 0. *	*.45*	* 3.1
	SPK0794			* CORP	*111 59.7 *						*2.17*	*1.7

COUNTY NAME: CACHE					FERC POWER SUPPLY AREA 41			FERC REGIONAL OFFICE CODE SF				

BEAVER NARROWS	*UT00059*	LOGAN RIVER	*C		* 41 59.0 *	* 17.0 *	* 45. *	* 96. *	* 130. *	* 5. *	* 0. *	* 0. *
	SPK0795				*111 36.0 *						*1.66*	* 3.0

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 U T A H

(07/10/79)

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

COUNTY NAME: CACHE					FERC POWER SUPPLY AREA 41			FERC REGIONAL OFFICE CODE SF				

BLACKSMITH FORK (HARDWARE RANCH)	*UTU0060* *SPK0796*	BLACKSMITH FORK	*H	*	* 41 36.0 * *111 34.0 *	268.0*	129.*	96.*	130.*	13.*U *T	0.*U 1.93*T	0. 8.0
PORCUPINE	*UT00251* *SPK0797*	EAST FK LITTLE B	*I	*PORCUPINE RE *S CO	* 41 31.2 * *111 44.4 *	57.0*	38.*	123.*	151.*	13.*E *N	0.*E 1.85*N	0. 3.5
UPPER LOGAN CITY	*UT00310* *SPK0798*	LOGAN RIVER	*H	*LOGAN CITY C *ORP	* 41 45.0 * *111 42.2 *	214.0*	120.*	59.*	15.*	0.*E *N	1.40*E 0.*N	6.0 0.
LOGAN AGRICULTUR E POWERHOUSE	*UT08061* *SPK0799*	LOGAN RIVER	*H	*UTAH STATE A *GR COLLEGE	* 41 44.4 * *111 47.4 *	220.0*	247.*	99.*	0.*	0.*E *N	.45*E 3.70*N	1.3 14.2
MYRUM RESERVOIR	*UT10123* *SPK0800*	LITTLE BEAR RIVE	*I	*ICRHO*DOI USBR	* 41 37.5 * *111 52.5 *	217.0*	91.*	82.*	82.*	19.*E *N	.40*E .97*N	3.0 2.6
NEWTON RESERVOIR	*UT10129* *SPK0801*	CLARKSTON CREEK	*I	*DOI USBR	* 41 54.0 * *111 59.0 *	58.0*	9.*	46.*	57.*	6.*E *N	0.*E .60*N	0. .9

COUNTY NAME: CARBON					FERC POWER SUPPLY AREA 41			FERC REGIONAL OFFICE CODE SF				

MCDONALD AND WAT EROUS DAMS	*UTU0001* *SPK0802*	WILLOW CREEK	*	*	* 39 48.0 * *110 46.0 *	62.0*	8.*	40.*	54.*	2.*U *T	0.*U .77*T	0. 1.1
WHITE R TO GRAY CANYON RESERVOIR	*UTU0039* *SPK0803*	GREEN RIVER	*H	*	* 39 44.5 * *109 58.5 *	39500.0*	6215.*	52.*	0.*	0.*U *T	0.*U 98.15*T	0. 222.0
SCOFIELD	*UT10133* *SPK0804*	PRICE RIVER	*I	*ICRW *DUI USBR	* 39 47.2 * *111 7.5 *	163.0*	79.*	50.*	60.*	112.*E *N	0.*E 1.35*N	0. 2.8

COUNTY NAME: DAGUETT					FERC POWER SUPPLY AREA 41			FERC REGIONAL OFFICE CODE SF				

HICKERSON PARK	*UTU0002* *SPK0805*	SHEEP CREEK	*	*	* 40 53.0 * *109 53.0 *	43.0*	35.*	71.*	96.*	9.*U *T	0.*U 1.10*T	0. 1.5

L E G E N D

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

(07/10/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREAM * PROJ*          * LATITUDE * DRAINAGE* ANNUAL * NET * HEIGHT* MAXIMUM*          *
PROJECT NAME * NUMBER* ON RIVER * FURP* OWNER * LONGITUDE* AREA * INFLO* HEAD * DAM * (1000 * (MW) * (GWH)
* (1) *          * (2) *          * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: DAGESETT          FERC POWER SUPPLY AREA 41          FERC REGIONAL OFFICE CODE 8F
*****
FLAMING GORGE TO*UTU0031*GREEN RIVER          *H          * 40 54.0 * 15100.0* 2314.* 32.* 0.* 0.*U 0.*U 0.
BACKWATER ECHO *SPK0806*          *          * 109 24.0 *          *          *          *          *          *          *
*****
FLAMING GORGE RE*UT10121*GREEN RIVER          *HCSRO*DOI U8BR          * 40 54.4 * 15150.0* 2072.* 439.* 453.* 4003.*E 108.00*E 600.0
SERVOIR          *SPK0807*          *          * 109 25.2 *          *          *          *          *          *          *
*****
COUNTY NAME: DUCHESENE          FERC POWER SUPPLY AREA 41          FERC REGIONAL OFFICE CODE 8F
*****
UINTA RESERVOIR *UTU0029*UINTA RIVER          *H          * 40 35.5 * 160.0* 185.* 1500.* 0.* 0.*U 0.*U 0.
*SPK0809*          *          * 110 6.8 *          *          *          *          *          *          *
*****
UPPER ROCK CREEK*UTU0040*ROCK CREEK          *H          * 40 35.0 * 98.0* 147.* 780.* 0.* 0.*U 0.*U 0.
*SPK0810*          *          * 110 42.5 *          *          *          *          *          *          *
*****
LOWER ROCK CREEK*UTU0041*ROCK CREEK          *H          * 40 32.0 * 131.0* 154.* 710.* 0.* 0.*U 0.*U 0.
*SPK0811*          *          * 110 38.0 *          *          *          *          *          *          *
*****
YELLOWSTONE          *UTU0044*YELLOWSTONE CREEK*H          * 40 34.5 * 110.0* 109.* 1500.* 0.* 0.*U 0.*U 0.
*SPK0814*K          *          * 110 19.5 *          *          *          *          *          *          *
*****
BIG SAND WASH RE*UT00037*BIG SAND WASH          *I          *MOON LAKE WA* 40 17.6 * 20.0* 8.* 72.* 85.* 12.*E 0.*E 0.
SERVOIR          *SPK0815*          *          *TEN USERS AS*110 13.8 *          *          *          *          *          *          *
*****
RED CREEK          *UT00254*RED CREEK          *I          *RED CREEK IR* 40 18.2 * 39.0* 10.* 82.* 97.* 6.*E 0.*E 0.
*SPK0816*          *          *R CO          *110 50.9 *          *          *          *          *          *          *
*****
YELLOWSTONE POWE*UT00303*YELLOWSTONE CREEK*H          *MOON LAKE EL* 40 34.5 * 131.0* 141.* 250.* 10.* 0.*E .90*E 6.5
R DIVERSION          *SPK0817*K          *          *ECTRIC          *110 19.6 *          *          *          *          *          *          *
*****
TWIN POTS (FARNS*UT00306*WEST FK OF LAKE          *I          *MOON LAKE WA* 40 30.4 * 128.0* 148.* 28.* 33.* 4.*E 0.*E 0.
WORTH RESERVOIR)*SPK0818*CREEK          *          *TEN USERS          *110 25.5 *          *          *          *          *          *          *
*****
UINTAH POWERPLAN*UT08074*POLE CREEK          *H          *MOON LAKE EL* 40 31.9 * 181.0* 209.* 450.* 0.* 0.*E 1.20*E 7.5
T          *SPK0819*          *          *EC ASSN INC *110 3.9 *          *          *          *          *          *          *
*****
L E G E N D
*****
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*****

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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 U T A H

(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: DUCHESENE FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF
*****
MOON LAKE *UT10128*WEST FORK OF LAK*ICRD *DOI USBR * 40 33.7 * 110.0* 128.* 75.* 92.* 51.*E 0.*E 0.
*SPK0820*E FORK RIVER * * * * * 110 29.4 * * * * * *N 2.13*N 6.1
STARVATION RESER*UT10136*STRAWBERRY RIVER*IR *DOI USBR * 40 10.8 * 1045.0* 127.* 127.* 156.* 189.*E 0.*E 0.
VOIR *SPK0821* * * * * 110 26.0 * * * * * *N 3.67*N 12.0
*****
COUNTY NAME: EMERY FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF
*****
GRAY CANYON DAM *UTU0033*GREEN RIVER *H * * * 38 59.0 * 39100.0* 6366.* 105.* 0.* 0.*U 0.*U 0.
SITE TO GREEN RI*SPK0822* * * * * 110 9.0 * * * * * *T 196.17*T 443.6
GREEN RVR TO BAC*UTU0035*GREEN RIVER *H * * * 38 36.5 * 40600.0* 6388.* 85.* 0.* 0.*U 0.*U 0.
KWATER JUNCTION *SPK0824* * * * * 110 1.5 * * * * * *T 164.90*T 372.9
COTTONWOOD RESER*UTU0037*COTTONWOOD CREEK*H * * * 39 15.5 * 86.0* 97.* 780.* 0.* 0.*U 0.*U 0.
VOIR *SPK0825* * * * * 111 6.5 * * * * * *T 11.09*T 22.8
ELECTRIC LAKE *UT00100*HUNTINGTON CREEK*H *UTAH POWER ** 39 37.2 * 130.0* 67.* 165.* 194.* 34.*E 0.*E 0.
*SPK0827* * * * * 111 13.1 * * * * * *N 3.54*N 7.3
MILLSITE *UT00212*FERRON CREEK *R *FERRON CR IR* 39 5.8 * 138.0* 68.* 85.* 100.* 18.*E 0.*E 0.
*SPK0828* * * * * 111 11.1 * * * * * *N 2.21*N 3.5
BUCKHORN RESERVO*UT10114*TR-SAN RAFAEL RI*IC *DOI BLM * 39 14.5 * 31.0* 35.* 16.* 22.* 5.*E 0.*E 0.
IR *SPK0829*VER * * * * * 110 48.7 * * * * * *N .26*N .4
HUNTINGTON NORTH*UT10122*HUNTINGTON CREEK*IR *DOI USBR * 39 21.1 * 190.0* 97.* 48.* 59.* 6.*E 0.*E 0.
RESERVOIR *SPK0830* =OFFSTREAM= * * * * * 110 57.2 * * * * * *N 1.50*N 3.1
JOES VALLEY RESE*UT10124*SEELY CREEK *ICRD *DOI USBR * 39 17.3 * 135.0* 90.* 145.* 180.* 72.*E 0.*E 0.
RVDIR *SPK0831* * * * * 111 16.2 * * * * * *N 2.74*N 5.3
*****

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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)

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 U T A H

(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 INFLO (CFS)	* NET POWER (FT)	* HEIGHT OF DAM (FT)	* MAXIMUM STORAGE AS FT	* CAPACITY (MW) (3)	* ENERGY (GWH) (3)
COUNTY NAME: GARFIELD		FERC POWER SUPPLY AREA 41				FERC REGIONAL OFFICE CODE SF							
ESCALANTE RESERVOIR		*UTU0003*	ESCALANTE RIVER	*	*	* 37 47.0 *	310.0*	17.*	109.*	147.*	23.*	0.*	0.*
DIR		*SPK0832*		*	*	* 111 34.0 *						2.24*	7.3
PINE CREEK (HAWS)		*UTU0004*	ESCALANTE RIVER	*	*	* 37 49.0 *	94.0*	5.*	84.*	113.*	1.*	0.*	0.*
)		*SPK0833*		*	*	* 111 36.0 *						.11*	.2
PANGUITCH LAKE		*UT00238*	BUNKER BLUE CLEA	I R	WEST PANGUIT	* 37 44.5 *	47.0*	24.*	21.*	25.*	19.*	0.*	0.*
		SPK0834	R IPSOM CREEK	*	*CH IRR + RES*	* 112 37.5 *						.15*	.3
COUNTY NAME: GRAND		FERC POWER SUPPLY AREA 41				FERC REGIONAL OFFICE CODE SF							
MILL CREEK BELOW		*UTU0005*	MILL CREEK	*	*	* 38 33.0 *	75.0*	14.*	152.*	206.*	10.*	0.*	0.*
FORKS RESERVOIR		*SPK0835*		*	*	* 109 28.0 *						.42*	1.4
GRAY CANYON		*UTU0032*	GREEN RIVER	H	*	* 39 13.5 *	39100.0*	6152.*	470.*	470.*	2000.*	0.*	0.*
		SPK0836		*	*	* 110 3.5 *						878.10*	1985.8
MOAB RESERVOIR		*UTU0047*	COLORADO RIVER	H	*	* 38 36.0 *	24500.0*	3855.*	138.*	0.*	183.*	0.*	0.*
		SPK0837		*	*	* 109 34.0 *						161.55*	363.4
DEWEY RESERVOIR		*UTU0048*	COLORADO RIVER	H	*	* 38 48.0 *	24100.0*	7655.*	325.*	0.*	6300.*	0.*	0.*
		SPK0838		*	*	* 109 19.0 *						180.00*	800.0
COUNTY NAME: IRON		FERC POWER SUPPLY AREA 41				FERC REGIONAL OFFICE CODE SF							
NEWCASTLE (PINTO)		*UT00227*	PINTO CREEK	I	NEWCASTLE RE	* 37 38.8 *	62.0*	11.*	54.*	73.*	5.*	0.*	0.*
CREEK)		*SPK0839*		*	*S CB	* 113 31.1 *						.17*	.4
CENTER CREEK (PA		*UT08076*	CENTER CREEK	H	PARBMAN CITY	* 37 50.5 *	60.0*	7.*	490.*	0.*	0.*	.60*	2.0
ROWAN) POWERHOUS		*SPK0840*		*	* CORP	* 112 50.0 *						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 U T A H

(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: JUAB                                FERC POWER SUPPLY AREA 41    FERC REGIONAL OFFICE CODE SF
*****
MONA RESERVOIR *UT00215*CURRENT CREEK *I *CURRENT CREE* 39 52.7 * 303.0* 22.* 20.* 27.* 21.*E 0.*E 0.
*SPK0841* * * *K IRR CO *111 51.2 * * * * *N .23*N .7
* * * * * * * * * *
SEVIER BRIDGE *UT00272*SEVIER RIVER *I *DELTA LAND * 39 22.3 * 5120.0* 226.* 65.* 77.* 236.*E 0.*E 0.
*SPK0842* * * WATER ETAL *112 1.9 * * * * *N 3.76*N 9.5
*****
COUNTY NAME: MILLARD                                FERC POWER SUPPLY AREA 41    FERC REGIONAL OFFICE CODE SF
*****
D M A D *UT00080*SEVIER RIVER *I *D M A D CO * 39 24.0 * 6270.0* 187.* 25.* 29.* 11.*E 0.*E 0.
*SPK0843* * * * *112 28.9 * * * * *N 2.00*N 4.6
* * * * * * * * * *
FOOL CREEK NO 1 *UT00114*FOOL CREEK *I *CENTRAL UTAH* 39 27.1 * 30.0* 16.* 17.* 20.* 18.*E 0.*E 0.
*SPK0844* * * WATER CO *112 21.1 * * * * *N .09*N .2
* * * * * * * * * *
FOOL CREEK NO 2 *UT00115*FOOL CREEK *I *CENTRAL UTAH* 39 27.1 * 30.0* 16.* 13.* 15.* 5.*E 0.*E 0.
*SPK0845* * * WATER CO *112 22.2 * * * * *N .07*N .1
* * * * * * * * * *
LAKE CREEK *UT00168*LAKE CREEK *I *LAKE CREEK R* 38 53.9 * 1158.0* 86.* 26.* 30.* 6.*E 0.*E 0.
*SPK0846* * * ES CO *114 1.1 * * * * *N .58*N 1.5
* * * * * * * * * *
SCIPPIO LAKE *UT00269*ROUND VALLEY CRE*I *SCIPPIO IRR C* 39 7.3 * 65.0* 34.* 14.* 16.* 10.*E 0.*E 0.
*SPK0847*EK * * *0 *112 3.2 * * * * *N .16*N .3
*****
COUNTY NAME: MORGAN                                FERC POWER SUPPLY AREA 41    FERC REGIONAL OFFICE CODE SF
*****
DRY CREEK RESERV*UTU0006*WEBER RIVER * * * * 41 8.0 * 1610.0* 552.* 106.* 144.* 8.*U 0.*U 0.
DIR *SPK0848* * * * *111 46.0 * * * * *T 10.92*T 35.6
* * * * * * * * * *
HARD SCRABBLE *UTU0007*HARD SCRABBLE CR * * * * 40 56.0 * 24.0* 22.* 127.* 172.* 6.*U 0.*U 0.
*SPK0849*EEK * * * *111 44.0 * * * * *T .40*T 2.0
* * * * * * * * * *
INTERMEDIATE LOS*UTU0009*LOST CREEK * * * * 41 14.0 * 69.0* 52.* 80.* 108.* 4.*U 0.*U 0.
T CREEK *SPK0850* * * * *111 21.0 * * * * *T 1.46*T 2.8
*****

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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 U T A H

(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: MORGAN FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF
*****
GATEWAY POWERHOUSE UT08056 WEBER RIVER *H *WEBER BASIN * 41 8.3 * 1610.0* 552.* 148.* 0.* 0.*E 4.28*E 15.4
SE *SPK0851* *WTR CONS DIS*111 51.1 * * * *N 19.04*N 40.1
*****
EAST CANYON RESERVOIR UT10119 EAST CANYON CREEK *ISCD *DOI USBR * 40 55.2 * 142.0* 53.* 158.* 195.* 58.*E 0.*E 0.
RVOIR *SPK0852*K * * * *N 2.95*N 12.0
*****
LOST CREEK RESERVOIR UT10125 LOST CREEK *ISROC*DOI USBR * 41 11.1 * 123.0* 24.* 134.* 161.* 27.*E 0.*E 0.
VOIR *SPK0853* * * * *N 3.10*N 7.4
*****
COUNTY NAME: PIUTE FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF
*****
OTTER CREEK UT00235 OTTER CREEK *I *OTTER CREEK * 38 10.2 * 330.0* 12.* 28.* 35.* 63.*E 0.*E 0.
*SPK0854* *RES CO *112 1.2 * * * *N .66*N 2.0
*****
PIUTE UT00249 SEVIER RIVER *I *PIUTE MES * 38 19.4 * 2400.0* 212.* 53.* 62.* 74.*E 0.*E 0.
*SPK0855* *IRR CO *112 11.2 * * * *N 1.63*N 6.4
*****
UPPER BEAVER POWER PLANT UT08063 BEAVER RIVER *H *UTAH PWR + L * 36 16.5 * 60.0* 50.* 1100.* 0.* 0.*E 2.40*E 11.0
ERPLANT *SPK0856* *IGHT CO *112 28.5 * * * *N 0.*N 0.
*****
BEAVER NO 1 POWERHOUSE UT08080 BEAVER RIVER *H *BEAVER CITY * 38 16.2 * 80.0* 50.* 364.* 0.* 0.*E .63*E 3.1
RHOUSE *SPK0857* *CURP *112 33.5 * * * *N 0.*N 0.
*****
PARAGONAH UT08088 RED CREEK *H *UTAH PWR + L * 0 0. * 60.0* 50.* 732.* 0.* 0.*E .50*E 1.6
*SPK0858* *IGHT CO * 0 0. * * * *N 0.*N 0.
*****
COUNTY NAME: RICH FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF
*****
BIRCH CREEK UT00041 BIRCH CREEK *I *WOODRUFF IRR * 41 30.2 * 17.0* 8.* 77.* 91.* 2.*E 0.*E 0.
*SPK0859* * CO *111 19.5 * * * *N .26*N .4
*****
NEPONSET UT00225 KATES CREEK *O *DESENET LIVE * 41 17.9 * 14.0* 9.* 16.* 19.* 6.*E 0.*E 0.
*SPK0860* *STOCK CO *111 6.7 * * * *N .05*N .1
*****
L E G E N D

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(07/10/79)

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*****
*          *          *          *          *          *          *          *          *          *
*  IDENT  * NAME OF STREA * PROJ *          * LATITUDE * DRAINAGE * ANNUAL * NET * HEIGHT * MAXIMUM *
PROJECT NAME * NUMBER * OR RIVER * PURP * OWNER * LONGITUDE * AREA * INFLOW * HEAD * DAM * (1000 * CAPACITY * ENERGY
* (1) * * (2) * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: RICH                      FERC POWER SUPPLY AREA 41    FERC REGIONAL OFFICE CODE SF
*****
WOODRUFF CREEK *UT00332*WOODRUFF CREEK *I *WOODRUFF CRE* 41 28.1 * 50.0* 33.* 83.* 101.* 5.*E 0.*E 0.
*SPK0861* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
COUNTY NAME: SALT LAKE                FERC POWER SUPPLY AREA 41    FERC REGIONAL OFFICE CODE SF
*****
BELL CANYON (LOW *UT00031*BELL CANYON *I *BELL CANYON * 40 33.8 * 5.0* 5.* 48.* 57.* 0.*E 0.*E 0.
ER) *SPK0862* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
BINGHAM CREEK *UT00039*BINGHAM CREEK *D *KENNECOTT CO* 40 33.9 * 16.0* 15.* 62.* 73.* 2.*E 0.*E 0.
*SPK0863* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
MOUNTAIN DELL *UT00221*PARLEYS CREEK *D *SALT LAKE CI* 40 45.2 * 50.0* 26.* 119.* 140.* 3.*E 0.*E 0.
*SPK0864* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
GRANITE POWERHO *UT00059*LITTLE COTTONWOOD *H *UTAH POWER A* 40 34.3 * 42.0* 44.* 470.* 0.* 0.*E 1.50*E 6.1
SE *SPK0865* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
HYDRO (MURRAY) P *UT00060*LITTLE COTTONWOOD *H *CITY OF MURR* 40 35.1 * 42.0* 44.* 565.* 0.* 0.*E 1.00*E 4.7
OWERPLANT *SPK0866* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
STAIRS POWERHO *UT00077*BIG COTTONWOOD C *H *UTAH POWER A* 40 37.4 * 40.0* 42.* 370.* 0.* 0.*E 1.00*E 5.0
E *SPK0867* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
COUNTY NAME: SAN JUAN                FERC POWER SUPPLY AREA 41    FERC REGIONAL OFFICE CODE SF
*****
UPPER MILL CREEK *UT00008*MILL CREEK *H * * * * 38 29.0 * 28.0* 5.* 78.* 106.* 1.*U 0.*U 0.
*SPK0868* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
LAKE POWELL TO U *UT00050*COLORADO RIVER *H * * * * 38 4.0 * 67734.0* 10657.* 249.* 0.* 0.*U 0.*U 0.
PPER MOAB *SPK0869* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
GOOSENECKS *UT00052*SAN JUAN RIVER *H * * * * 37 9.0 * 23200.0* 2586.* 177.* 0.* 0.*U 0.*U 0.
*SPK0871* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
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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 U T A H

(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: SAN JUAN FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF
*****
BLUFF (CHINLE) *UTU0054* SAN JUAN RIVER *H * * * 37 11.5 * 22900.0 * 2586. * 354. * 0. * 7000. *U 0. *U 0.
*SPK0873* * * * * 109 44.0 * * * * * *T 267.39 *T 580.6
*****
COUNTY NAME: SANPETE FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF
*****
GUNNISON *UT00130* SAN PITCH RIVER *I * GUNNISON IRR * 39 12.8 * 672.0 * 48. * 28. * 33. * 18. *E 0. *E 0.
*SPK0874* * * * * * 111 42.5 * * * * * *N .49 *N .7
* * * * * * * * * * * * * * * *
GUNNISON BEND *UT00131* SEVIER RIVER *I * DESERET IRR * 39 20.7 * 6270.0 * 187. * 18. * 21. * 10. *E 0. *E 0.
*SPK0875* * * * * * 112 37.5 * * * * * *N 1.65 *N 3.5
* * * * * * * * * * * * * * * *
HIGHLAND (NINE MILE RESERVOIR) *UT00138* NINE MILE CREEK *I * HIGHLAND CAN * 39 10.3 * 9.0 * 10. * 26. * 31. * 4. *E 0. *E 0.
*SPK0876* * * * * * 111 43.1 * * * * * *N .12 *N .2
* * * * * * * * * * * * * * * *
HUNTINGTON *UTU0144* SPRING CREEK *I * HUNTINGTON *C* 39 35.1 * 5.0 * 6. * 30. * 37. * 3. *E 0. *E 0.
*SPK0877* * * * * * 111 15.7 * * * * * *N .08 *N .1
* * * * * * * * * * * * * * * *
MILLER FLAT *UT00210* MILLER FLAT CREEK *I R * HUNTINGTON *C* 39 32.4 * 9.0 * 10. * 60. * 70. * 6. *E 0. *E 0.
*SPK0878* *K * * * * * 111 14.5 * * * * * *N .27 *N .4
* * * * * * * * * * * * * * * *
EPHRAIM NO 1 POWERHOUSE *UT08054* EPHRAIM CREEK *H * CITY OF EPHR * 39 20.5 * 5.2 * 6. * 1370. * 0. * 0. *E .15 *E .8
*SPK0879* * * * * * 111 32.7 * * * * * *N 2.41 *N 3.5
* * * * * * * * * * * * * * * *
EPHRAIM NO 2 POWERHOUSE *UT08055* EPHRAIM CREEK *H * CITY OF EPHR * 39 20.2 * 1.0 * 2. * 1160. * 0. * 0. *E 0. *E 0.
*SPK0880* * * * * * 111 31.5 * * * * * *N 1.31 *N 1.5
* * * * * * * * * * * * * * * *
LOWER MOUNT PLEASANT POWERHOUSE *UT08062* PLEASANT CREEK *H * MT PLEASANT * 39 32.4 * 6.3 * 7. * 315. * 0. * 0. *E .15 *E .1
*SPK0881* * * * * * 111 22.5 * * * * * *N .60 *N 1.1
* * * * * * * * * * * * * * * *
LOWER FAIRVIEW POWERHOUSE *UT08064* COTTONWOOD CREEK *H * FAIRVIEW CIT * 39 38.2 * 12.0 * 14. * 390. * 0. * 0. *E .10 *E .3
*SPK0882* * * * * * 111 25.3 * * * * * *N 2.15 *N 2.9
* * * * * * * * * * * * * * * *
MANTI POWERHOUSE *UT08066* MANTI CREEK *H * MANTI CITY L * 39 15.4 * 27.0 * 31. * 366. * 0. * 0. *E .12 *E .8
*SPK0883* * * * * * 111 36.6 * * * * * *N 2.80 *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 U T A H

(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: SANPETE												

MOUNTAIN SPRINGS POWERHOUSE	UT08067	MANTI CREEK	H	MANTI CITY	39 15.4	27.0	31.2	261c	0.	0.	.40	2.4
	SPK0864			IGHT AND POW	111 37.3						35.37	46.7

UPPER MOUNT PLEASANT POWERHOUSE	UT08075	PLEASANT CREEK	H	MOUNT PLEASANT CITY CORP	39 32.0	1.0	2.	415.	0.	0.	.18	.1
	SPK0885				111 21.6						.30	.4

FOUNTAIN GREEN POWERHOUSE	UT08078	BIG SPRINGS	H	UTAH PWR	39 38.5	1.0	1.	200.	0.	0.	.32	1.3
	SPK0886			IGHT CO	111 40.0						0.	0.

COUNTY NAME: SEVIER												

FORSYTH	UT00117	EAST FORK OF FREMONT RIVER	I R	FREMONT IRR CO	36 31.0	76.0	37.	50.	59.	3.	0.	0.
	SPK0687				111 31.9						.77	1.2

JOHNSON	UT00153	SEVEN MILE CREEK	I R	FREMONT IRR CO	38 36.5	25.0	15.	23.	31.	15.	0.	0.
	SPK0688				111 36.0						.13	.5

THREE CREEKS RESERVOIR	UT00298	THREE CREEKS	I R	KENTS LAKE IRR CO	38 37.7	10.0	15.	71.	64.	2.	0.	0.
	SPK0889				112 25.3						.17	.7

LOWER MONROE POWERHOUSE	UT08082	MONROE CREEK	H	MONROE CITY CORP	38 36.0	39.0	24.	284.	0.	0.	.10	.4
	SPK0690				112 7.0						1.99	4.1

UPPER MONROE POWERHOUSE	UT08083	MONROE CREEK	H	MONROE CITY CORP	38 36.5	39.0	24.	1450.	0.	0.	.13	.5
	SPK0891				112 6.0						10.53	22.3

COUNTY NAME: SUMMIT												

JEREMY POINT	UT00010	EAST CANYON CREEK			40 48.0	208.0	284.	112.	151.	37.	0.	0.
	SPK0892	K			111 35.0						2.99	12.3

LOWER LARABEE FLATS	UT00011	WEBER RIVER			40 48.0	75.0	102.	100.	135.	9.	0.	0.
	SPK0893				111 5.0						2.91	6.0

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 U T A H

(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 INFLO (CFS)	* NET * POWER (FT)	* HEIGHT * OF DAM (FT)	* MAXIMUM * STORAGE (AC FT)	* CAPACITY * (MM) (3)	* ENERGY * (GWH) (3)

COUNTY NAME: SUMMIT					FERC POWER SUPPLY AREA 41			FERC REGIONAL OFFICE CODE SF				

SILVER CREEK	*UTU0012*	*SILVER CREEK	*H		* 40 41.5 *	* 20.0 *	* 18. *	* 52. *	* 70. *	* 20. *	* 0. *	* 0. *
	SPK0894				* 111 28.0 *					* T	* .13 *	* .7 *

SOUTH FORK WEBER	*UTU0013*	*SOUTH FORK WEBER	*H		* 40 45.0 *	* 163.0 *	* 222. *	* 72. *	* 97. *	* 1. *	* 0. *	* 0. *
	SPK0895	*RIVER			* 111 14.0 *					* T	* 3.26 *	* 8.3 *

HEINERS CREEK	*UTU00134*	*HEINERS CREEK	*D	*DESEKET LIVE	* 41 4.0 *	* 18.0 *	* 20. *	* 20. *	* 24. *	* 0. *	* 0. *	* 0. *
	SPK0896			*STOCK CO	* 111 18.9 *					* N	* .16 *	* .3 *

HOOP LAKE	*UTU00143*	*EAST FORK OF BEA	*I R	*CHLOP LAKE RE	* 40 55.4 *	* 8.0 *	* 7. *	* 31. *	* 36. *	* 5. *	* 0. *	* 0. *
	SPK0897	*VER CREEK		*S + INK CO	* 110 7.5 *					* N	* .08 *	* .1 *

WHITNEY RESERVOIR	*UTU00324*	*WEST FORK OF BEA	*I C	*UPK BEAR RVR	* 40 50.3 *	* 7.0 *	* 9. *	* 55. *	* 66. *	* 5. *	* 0. *	* 0. *
	SPK0898	*R RIVER		* + MILL CRK	* 110 55.6 *					* N	* .07 *	* .2 *

ECHO RESERVOIR	*UT10120*	*WEBER RIVER	*IR	*DBI USBR	* 40 57.8 *	* 732.0 *	* 200. *	* 94. *	* 110. *	* 74. *	* 0. *	* 0. *
	SPK0899				* 111 25.9 *					* N	* 5.05 *	* 17.9 *

ROCKPORT LAKE	*UT10131*	*WEBER RIVER	*ISROC	*DJI USBR	* 40 47.4 *	* 332.0 *	* 152. *	* 111. *	* 150. *	* 76. *	* 1.43 *	* 5.7 *
	SPK0900				* 111 24.2 *					* N	* 1.68 *	* 4.2 *

COUNTY NAME: TOOELE					FERC POWER SUPPLY AREA 41			FERC REGIONAL OFFICE CODE SF				

SETTLEMENT CANYON	*UTU00270*	*SETTLEMENT CANYON	*IS	*SETTLEMENT C	* 40 30.7 *	* 18.0 *	* 17. *	* 65. *	* 82. *	* 1. *	* 0. *	* 0. *
	SPK0901	*N CREEK		*ANMON IRR CO	* 112 17.8 *					* N	* .15 *	* .8 *

COUNTY NAME: UTAH					FERC POWER SUPPLY AREA 41			FERC REGIONAL OFFICE CODE SF				

SPLIT MOUNTAIN RESERVOIR	*UTU0045*	*GREEN RIVER	*I		* 40 25.5 *	* 22880.0 *	* 3600. *	* 315. *	* 0. *	* 335. *	* 0. *	* 0. *
	SPK0903				* 109 17.5 *					* T	* 344.38 *	* 778.8 *

ASHLEY CREEK RESERVOIR	*UTU0046*	*ASHLEY CREEK	*H		* 40 37.0 *	* 62.0 *	* 67. *	* 1700. *	* 0. *	* 0. *	* 0. *	* 0. *
	SPK0904				* 109 38.0 *					* T	* 36.75 *	* 68.3 *

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 U T A H

(07/10/79)

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

COUNTY NAME: UTAH					FERC POWER SUPPLY AREA 41			FERC REGIONAL OFFICE CODE SF						

OAKS PARK RESERV DIR	UT00234 SPK0905	BIG BRUSH CREEK	I R	ASHLEY VALLE Y RES CO	40 45.0 109 37.1	12.0	9.	41.	49.	7.	E N	0. .16	E N	0. .2
STEINAKER RESERV DIR	UT10113 SPK0906	ASHLEY CREEK OFF STREAM	ICSR	DDI USRR	40 30.0 109 32.0	20.0	16.	110.	132.	40.	E N	0. .80	E N	0. 1.1
COUNTY NAME: UTAH					FERC POWER SUPPLY AREA 41			FERC REGIONAL OFFICE CODE SF						

ALTA TUNNEL POWE RHOUSE	UT00017 SPK0907	LITTLE COTTONWOOD D CREEK	H		40 34.0 111 42.5	27.0	25.	650.	0.	0.	U T	0. 2.28	U T	0. 11.8
TIBBLE FORK	UT00299 SPK0911	NORTH FORK OF AM ERICAN FORK	C	NU UT CO WAT ER CONS DIST	40 29.9 111 38.7	35.0	32.	40.	47.	0.	E N	0. .18	E N	0. .9
AMERICAN FORK PH	UT08050 SPK0912	AMERICAN FORK	H	UTAH POWER A ND LIGHT	40 21.9 111 42.0	52.0	55.	574.	0.	0.	E N	.95 9.92	E N	6.5 15.3
BARTHOLOMEW POWE RHOUSE	UT06051 SPK0913	HOBBLE CREEK	H	SPRINGVILLE MUN CORP	40 9.5 111 31.5	98.0	43.	890.	0.	0.	E N	.50 11.52	E N	2.0 22.1
LOWER STRAWBERRY POWERHOUSE	UT06065 SPK0914	SPANISH FORK CRE EK	H	STRAWBERRY W TR USERS ASS	40 4.8 111 36.2	0.	175.	48.	0.	0.	E N	.25 0.	E N	1.1 0.
OLMSTED POWERHOU SE	UT06068 SPK0915	PROVO RIVER	H	UTAH POWER A ND LIGHT CO	40 16.7 111 39.4	640.0	83.	340.	0.	0.	E N	12.70 0.	E N	59.3 0.
PAYSON POWERHOU SE	UT08069 SPK0916	PETEETNEET CREEK	H	STRAWBERRY W TR USERS ASS	40 .8 111 42.5	26.0	24.	636.	0.	0.	E N	.40 1.75	E N	1.9 9.2
UPPER STRAWBERRY PH	UT08087 SPK0917	SPANISH FORK	H	STRAWBERRY W TR USERS ASS	-0 G. -0 G.	0.	175.	123.	0.	0.	E N	.90 0.	E N	.5 0.

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

(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 * (MH) * (GWH)
* * * * * * (DM,M) * (SQ MI) * (CFS) * (FT) * (FT) * AC FT) * (3) * (3)
*****
COUNTY NAME: WASATCH FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF
*****
* * * * *
STRAWBERRY RIVER*UTU0015*STRAWBERRY RIVER*H * * * 40 8.0 * 210.0* 31.* 52.* 71.* 7.*U 0.*U 0.
AT STINKING SPR*SPK0918* * * * 111 2.0 * * * * * * * *T .87*T 2.3
* * * * *
SYAR *UTU0024*STRAWBERRY OFFST*H * * * 40 7.0 * 215.0* 71.* 431.* 0.* 0.*U 0.*U 0.
*SPK0919*REAM * * * 111 .5 * * * * * * * *T 4.87*T 17.4
* * * * *
HEBER POWERHOUSE*UT08057*PROVC RIVER *H * * SPRINGVILLE * 40 34.1 * 240.0* 327.* 120.* 0.* 0.*E .60*E 4.5
*SPK0920* * * * *MUN CORP * 111 25.5 * * * * * * * *N 2.89*N 10.4
* * * * *
SNAKE CREEK POWER*UT08071*SNAKE CREEK *H * * HEBER LIGHT * 40 33.6 * .6* 0.* 1895.* 0.* 0.*E .80*E 4.5
RHOUSE (HEBER LI*SPK0921* * * * *AND PWR PLAN* 111 31.7 * * * * * * * *N 0.*N 0.
* * * * *
SNAKE CREEK POWER*UT08072*SNAKE CREEK *H * * UTAH POWER A * 40 32.7 * 7.0* 6.* 752.* 0.* 0.*E 1.18*E 3.2
RHOUSE (UTAH POW*SPK0922* * * * *ND LIGHT CO * 111 30.2 * * * * * * * *N 0.*N 0.
* * * * *
DEER CREEK RESER*UT10117*PROVC RIVER *IHCSD*DDI USBR * 40 24.0 * 560.0* 377.* 140.* 150.* 161.*E 4.95*E 26.8
VOIR *SPK0923* * * * * 111 32.0 * * * * * * * *N 0.*N 0.
* * * * *
STRAWBERRY RESER*UT10135*STRAWBERRY RIVER*ICRD *DDI USBR * 40 8.4 * 210.0* 31.* 205.* 243.* 1127.*E 0.*E 0.
VOIR (SOLDIER CR*SPK0924* * * * * 111 6.2 * * * * * * * *N 2.69*N 8.4
*****
COUNTY NAME: WAYNE FERC POWER SUPPLY AREA 41 FERC REGIONAL OFFICE CODE SF
*****
* * * * *
THURBER RESERVOIR*UTU0016*FREEMONT RIVER *H * * * 38 18.6 * 700.0* 64.* 35.* 48.* 47.*U 0.*U 0.
R *SPK0925* * * * 111 30.0 * * * * * * * *T .46*T 1.1
* * * * *
TAILRACE OF TORREY*UTU0049*FREEMONT RIVER *H * * * 38 17.0 * 888.0* 56.* 1240.* 0.* 0.*U 0.*U 0.
EY TO CAPITOL RE*SPK0926* * * * 111 14.0 * * * * * * * *T 20.57*T 47.5
* * * * *
MILL MEADOW *UTU00208*FREEMONT RIVER *I R *FREEMONT IRR * 38 29.7 * 173.0* 83.* 77.* 90.* 5.*E 0.*E 0.
*SPK0927* * * * *CO * 111 34.3 * * * * * * * *N 2.07*N 3.8
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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 U T A H

(07/10/79)

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*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
* IDENT * NAME OF STREAM * PROJ*   *   *   *   *   *   *   *   *   *   *   *   *   *
PROJECT NAME * NUMBER*   OR RIVER * PUMP*   OWNER * LATITUDE * DRAINAGE* ANNUAL *POWER * OF * STORAGE* CAPACITY* ENERGY
* (1) *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*****
COUNTY NAME: WEBER                                FERC POWER SUPPLY AREA 41    FERC REGIONAL OFFICE CODE SF
*****
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
PIONEER POWERHOUSE*UT08070*OGDEN RIVER *M *UTAH POWER A* 41 14.6 * 310.0* 10.* 423.* 0.* 0.*E 5.00*E 25.7
SE *SPK0928*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
WEBER PH *UT08085*WEBER RIVER *M *UTAH PH AND* 41 4.0 * 0.0* 0.* 164.* 0.* 0.*E 2.50*E 19.3
*SPK0929*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
CAUSEY RESERVOIR*UT10116*SOUTH FORK OGDEN*IDRC *DOI USBR * 41 17.9 * 81.0* 112.* 148.* 193.* 9.*E 0.*E 0.
*SPK0930* RIVER *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
PINEVIEW RESERVOIR*UT10132*OGDEN RIVER *ISCNO*DOI USBR * 41 15.0 * 298.0* 10.* 74.* 89.* 116.*E 0.*E 0.
IR *SPK0931*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
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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 (MW): 1,000,000 watt-hours or 1,000 KWH.

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

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX III

U.S. ARMY CORPS OF ENGINEERS

NATIONAL HYDROELECTRIC POWER RESOURCES STUDY

DIVISION AND DISTRICT REPRESENTATIVES

DIVISION STUDY COORDINATORS

NATIONAL HYDROPOWER STUDY

U.S. Army Engineer Division
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0 100 200 300 400 MILES

DISTRICT REPRESENTATIVES

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