1 of 2

U.S. Hydropower Resource Assessment
for
Wyoming

James E. Francfort

Published December 1993

**Idaho National Engineering Laboratory
EG&G Idaho, Inc.
Idaho Falls, Idaho 83415**

**Prepared for the
U.S. Department of Energy
Assistant Secretary for Energy Efficiency and Renewable Energy
Idaho Operations Office
Under DOE Contract DE-AC07-76ID01570**

MASTER

ABSTRACT

The Department of Energy is developing an estimate of the hydropower development potential in this country. The Hydropower Evaluation Software (HES) is a computer model that was developed by the Idaho National Engineering Laboratory for this purpose. The HES measures the potential hydropower resources available in the United States, using uniform criteria for measurement. The software was developed and tested using hydropower information and data provided by the Southwestern Power Administration. It is a dBASE menu-driven software application that allows the personal computer user to assign environmental attributes to potential hydropower sites, calculate development suitability factors for each site based on the environmental attributes present, and generate reports based on these suitability factors. This report details the resource assessment results for the state of Wyoming.

CONTENTS

ABSTRACT	iii
INTRODUCTION	1
Model Development	1
Model Goal	1
Dam Status	2
ASSESSMENT RESULTS	2
Summary Results	2
Detailed Results	4
OBTAINING INDIVIDUAL STATE INFORMATION	5
ADDITIONAL HYDROPOWER EVALUATION SOFTWARE INFORMATION	6
REFERENCES	6
Appendix A—Hydropower Capacity Summary	A-1
Appendix B—Hydropower Resource Assessment by River Basin	B-1
Appendix C—Wyoming (WY) Sites	C-1
Appendix D—Resource Database Listing	D-1

FIGURES

1. Number of sites with various capacity potentials	2
2. The Hydropower Evaluation Software identified potential hydropower capacity and the unadjusted potential capacity	3
3. The number of sites with potential hydropower capacity and the total megawatts of potential capacity	3
4. Number of sites with potential hydropower capacity in the Wyoming river basins	4
5. Potential hydropower capacity in the Wyoming river basins	5

U.S. Hydropower Resource Assessment for Wyoming

INTRODUCTION

In June 1989, the U.S. Department of Energy initiated the development of a National Energy Strategy to identify the energy resources available to support the expanding demand for energy in the United States. Public hearings conducted as part of the strategy development process indicated that potential hydropower resources were not well defined. As a result, the Department of Energy established an interagency Hydropower Resource Assessment Team to ascertain the hydropower potential. In connection with these efforts by the Department of Energy, the Idaho National Engineering Laboratory designed the Hydropower Evaluation Software (HES), which has been used to perform a resource assessment of the undeveloped hydropower potential in Wyoming (as well as several other states). This report presents the results of the hydropower resource assessment for the state of Wyoming. Pumped storage hydropower potential is not included.

The HES was developed as a tool to measure hydropower potential by regional power marketing administrations and state energy agencies, because they were the most likely to have and need accurate hydropower information. The HES was not intended to provide precise development factors for individual sites, but to provide regional or state capacity totals. Because the software was developed as a generic measurement tool encompassing national issues, regional and state totals must be considered judiciously; various local issues may skew hydropower potential totals. The information for the resource assessment was compiled from the Federal Energy Regulatory Commission's Hydropower Resource Assessment database and several other sources. Refer to DOE/ID-10338, the User's Manual (Francfort, Matthews, Rinehart, 1991) for the specifics of the software and to DOE/ID-10430,

the Status Report (Francfort, Moore, Rinehart, 1993) for an overview of all resource assessment activities to date.

Model Development

Hydropower Evaluation Software, both a probability-factor computer model and a data base, is a dBASE, menu-driven software application that is intended to be user-friendly. Computer screens and report generation capabilities were developed to meet the needs of users nationwide. The software uses environmental attribute data to generate an overall project environmental suitability factor (PESF) between 0.1 and 0.9, where 0.9 indicates the highest likelihood of development and 0.1 indicates the lowest likelihood of development. Suitability factors depend on environmental attributes of a potential site. They reflect the considerations that (a) environmental concerns can make a potential site unacceptable, prohibiting its development (for a suitability factor of 0.1), or (b) absence of environmental concern can have little or no effect on the likelihood of site development (for a suitability factor of 0.9). A combination of attributes results in a lower suitability factor because multiple environmental considerations reduce the likelihood that a site may be developed to its physical potential.

Model Goal

The goal of the HES is to assemble an accurate resource database of all potential hydropower sites in the United States for use as a planning tool to determine the viable national hydropower potential. Potential hydropower is not limited to the development of new sites; it also includes the development of additional hydropower at sites that currently have hydropower but are not developed to their full potential. This hydropower potential is a source of nonpolluting, renewable energy available to meet the growing power needs of the United States. The HES should make

this goal attainable and help assure a set of uniform criteria for national assessment.

bility nor a developed impoundment or diversion structure.

Dam Status

The effects of environmental attributes vary by dam status. The dam status classifications follow the Federal Energy Regulatory Commission (FERC) standard, which is

- W = Developed hydropower site with power. The total hydropower capacity has not been fully developed. Only the undeveloped capacity is discussed in this report.
- W/O = Developed site without power generation. The site has some type of developed impoundment or diversion structure but no hydropower generating capacity.
- U = Undeveloped site. The site does not have power generation capacity.

ASSESSMENT RESULTS

Summary Results

A total of 72 sites have been identified and assessed for their hydropower potential. The Hydropower Evaluation Software results for site capacities range from 3 kilowatts to 261 megawatts. Most of the sites have potential capacities of under 10 megawatts (Figure 1).

The unadjusted hydropower potential for Wyoming was identified as being 1,628 megawatts. The Hydropower Evaluation Software results lower this estimate 45% to 894 megawatts. The greatest reduction in undeveloped potential occurs at sites with no physical structures present. These undeveloped sites have a Hydropower Evaluation Software estimated capacity of 320 megawatts, a 55% reduction in capacity (Figure 2). The number of sites does not change, only the identified capacity is reassessed (Figure 3).

Figure 1. Number of sites with various capacity potentials.

Figure 2. The Hydropower Evaluation Software identified potential hydropower capacity and the unadjusted potential capacity.

Figure 3. The number of sites with potential hydropower capacity and the total megawatts of potential capacity.

The 72 identified sites are located within 6 river basins. The number of sites per river basin ranges from 1 in the Cheyenne River Basin to 33 sites in the Yellowstone River Basin (Figure 4). The Yellowstone River Basin has the most undeveloped potential hydropower capacity of the Wyoming river basins (Figure 5).

Detailed Results

The appendices contain, in the form of Hydropower Evaluation Software generated reports, detailed information of the potential hydropower capacity in Wyoming. The appendices contain the following information:

Appendix A The hydropower capacity summary for Wyoming categorizes sites by dam status. The number of sites, unadjusted capacity, and Hydropower Evaluation Software adjusted capacity are provided based on the dam status.

Appendix B The hydropower resource assessment by river basin includes the FERC project number, project name, stream name, dam status,

unadjusted capacity, and Hydropower Evaluation Software adjusted capacity for each of the individual sites. Subtotals are provided for each river basin.

Appendix C This is a listing of the project numbers, plant name, stream name, if a site is Federally owned, unadjusted capacity, and Hydropower Evaluation Software adjusted capacity. The sites are grouped by dam status.

Appendix D This section contains a resource database listing for each of the 72 sites in Wyoming. Information includes plant, stream, state, county, river basin and owner names; project number; name plate and Hydropower Evaluation Software adjusted capacity ratings; the unit and plant types, dam status; latitude; longitude; and the environmental factors that the Hydropower Evaluation Software uses to determine the project environmental suitability factor.

Figure 4. Number of sites with potential hydropower capacity in the Wyoming river basins.

Figure 5. Potential hydropower capacity in the Wyoming river basins.

OBTAINING INDIVIDUAL STATE INFORMATION

Additional copies of the hydropower resource assessment results for individual states are available and can be obtained by writing or calling the National Technical Information Service (NTIS).

Telephone Orders – (703) 487-4650. NTIS sales desk and customer services are available between 8:30 a.m. and 5:00 p.m., Eastern Standard Time.

Fax – (703) 321-8547. Customers may fax their orders to NTIS. These orders may be charged to a NTIS deposit account, American Express, VISA, or MasterCard.

Mail Orders – Mail orders should be sent to National Technical Information Service, Document Sales, 5285 Port Royal Road, Springfield, VA 22161. Call the sales desk for prices before placing an order.

Method of Payment – Customers may pay for reports (and other NTIS products and services) by

(a) credit card (American Express, Visa, or MasterCard); (b) check or money order on a United States bank payable to NTIS; (c) a NTIS deposit account; or (d) by asking to be billed (add \$7.50 per order, United States, Canada, and Mexico, only).

Handling Fee – A \$3.00 handling fee per total order applies to orders from the United States, Canada, and Mexico. Handling charges do not apply to rush order service or pick-up orders.

Postage and Shipping – Orders are shipped first class mail, or equivalent, to addresses in the United States, Canada, and Mexico.

Order Turnaround Time – Orders for technical reports generally are shipped within 2 to 8 days of receipt. For faster service, NTIS offers rush order service.

Rush Order Service – Call 1-800-533-NTIS. In Virginia, Canada, and Mexico call (703) 487-4700. For NTIS rush order service add \$15.00 per item. This guarantees that an order will be processed through NTIS within 24 hours of its receipt. These orders receive immediate,

individual attention. The items ordered are delivered by first call mail. Call NTIS for information on rush order service for computer products.

For Help in Tracing an Order – Call (703) 487-4650 and request the customer service option.

ADDITIONAL HYDROPOWER EVALUATION SOFTWARE INFORMATION

Additional information concerning the Hydropower Evaluation Software can be obtained by contacting Ben Rinehart or Jim Francfort at the addresses provided below. Copies of the software and the User's Manual may also be obtained from these individuals.

Ben Rinehart
Idaho National Engineering Laboratory
P.O. Box 1625
Idaho Falls, ID 83415-3830
(208) 526-1002

Jim Francfort
Idaho National Engineering Laboratory
P.O. Box 1625
Idaho Falls, ID 83415-3875
(208) 526-6787

Information concerning the state of Wyoming involvement with the resource assessment or about the identified sites may be obtained by contacting:

David Zelenka
Wyoming Water Development Commission
Herschler Building, 4th Floor
Cheyenne, Wyoming 82002

REFERENCES

Francfort, J. E., S. D. Matthews, and B. N. Rinehart, 1991, *Hydropower Evaluation Software User's Manual*, DOE/ID-10338, Idaho National Engineering Laboratory, Idaho Falls, Idaho.

Francfort, J. E., K. M. Moore, and B. N. Rinehart, 1993, *Uniform Criteria for U.S. Hydropower Resource Assessment, Hydropower Evaluation Software Status Report*, DOE/ID-10430, Idaho National Engineering Laboratory, Idaho Falls, Idaho.

Appendix A

Hydropower Capacity Summary

DATE: 10/06/93

HYDROPOWER CAPACITY SUMMARY

<u>State</u>	<u>Category</u>	<u>Number of Projects</u>	<u>Name Plate Capacity (KW)</u>	<u>HES Adjusted Capacity (KW)</u>
WY	With Power	0	0	0
	W/O Power	36	920210	573976.25
	Undeveloped	36	708025	319600.50
	STATE TOTAL	72	1628235	893576.75
TOTALS	With Power	0	0	0
	W/O Power	36	920210	573976.25
	Undeveloped	36	708025	319600.50
GRAND TOTAL		72	1628235	893576.75

Appendix B

Hydropower Resource Assessment by River Basin

HYDROPOWER RESOURCE ASSESSMENT BY RIVER BASIN

FERC Number	Plant Name/ Stream	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** River Basin CHEYENNE RIVER BASIN					
05770	KEYHOLE BELLE FOURCHE R	WO	900.00	0.75	675.00
** Subtotal **			900.00		675.00
** River Basin GREAT SALT LAKE BASIN					
WY018	COKEVILLE PINE CR, BEAR R	U	9000.00	0.50	4500.00
08273	BAGLEY DAM SMITHS FK, BEAR R	WO	2000.00	0.90	1800.00
08272	SMITHS FORK SMITHS FK, BEAR CR	WO	2000.00	0.75	1500.00
08240	PINE CREEK PINE CR, BEAR R	WO	210.00	0.75	157.50
07175	WOODRUFF NARROWS BEAR R	WO	2500.00	0.75	1875.00
** Subtotal **			15710.00		9832.50
** River Basin GREEN RIVER BASIN					
WY016	BOULDER LAKE BOULDER CR, NEW FORK R	U	365.00	0.90	328.50
07557	MEEKS CABIN BLACKS FORK R	WO	1000.00	0.90	900.00
00662	PINEDALE PINE CR, NEW FK, GREEN R	WO	100.00	0.50	50.00
** Subtotal **			1465.00		1278.50
** River Basin PLATTE RIVER BASIN					
04895	GRANITE SPRINGS M CROW CR, S PLATTE R	U	420.00	0.90	378.00
08876	GRAYROCKS LARAMIE R, N PLATTE R	U	1000.00	0.90	900.00
WY001	SYBILLE CREEK SYBILLE CR, LARAMIE R	U	17000.00	0.90	15300.00

HYDROPOWER RESOURCE ASSESSMENT BY RIVER BASIN

FERC Number	Plant Name/ Stream	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
WY002	DODGE CANYON LARAMIE R	U	7500.00	0.90	6750.00
WY005	BESSEMER BEND N PLATTE R	U	14000.00	0.50	7000.00
WY007	LEWISTON SWEETWATER R	U	5000.00	0.10	500.00
WY008	PEDRO MOUNTAIN N PLATTE R	U	36000.00	0.25	9000.00
WY010	FORT STEELE N PLATTE R	U	13000.00	0.25	3250.00
WY011	JACKS CREEK N PLATTE R	U	26000.00	0.25	6500.00
WY012	BENNETT PEAK N PLATTE R	U	15300.00	0.50	7650.00
WY026	PARKVIEW HILL N PLATTE R	U	20000.00	0.50	10000.00
07942	TUNNEL CREEK TUNNEL CR, BLUE GRASS CR, LARAMI	WO	3900.00	0.75	2925.00
03814	GUERNSEY N PLATTE R	WO	14600.00	0.50	7300.00
WY003	GUERNSEY N PLATTE R	WO	14625.00	0.50	7312.50
WY004	GLENDON N PLATTE R	WO	56460.00	0.50	28230.00
04532	GRAY REEF N PLATTE R	WO	10000.00	0.50	5000.00
WY006	FREMONT CANYON N PLATTE R	WO	144700.00	0.50	72350.00
WY009	SEMINOE N PLATTE R	WO	113000.00	0.50	56500.00
** Subtotal **			512505.00		246845.50

HYDROPOWER RESOURCE ASSESSMENT BY RIVER BASIN

FERC Number	Plant Name/ Stream	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** River Basin UPPER SNAKE RIVER BASIN					
WY025	MARTEN CREEK GREYS R, SNAKE R	U	6600.00	0.10	660.00
WY017	CAMP DAVIS HOBACK R, SNAKE R	U	19530.00	0.10	1953.00
WY027	RAMSHORN HOBACK R, SNAKE R	U	24180.00	0.10	2418.00
WY030	SLIDE GROS VENTRE R, SNAKE R	U	3500.00	0.10	350.00
10434	BEDFORD GRAND CNL (STRAWBERRY CR) SALT R	U	30.00	0.10	3.00
10927	SALT RIVER SALT R	WO	1100.00	0.90	990.00
01651	SWIFT UPPER SWIFT CR, SALT R	WO	800.00	0.75	600.00
08085	GREYS RIVER GREYS R, SNAKE R	WO	7500.00	0.50	3750.00
WY013	ALPINE SNAKE R	WO	347430.00	0.75	260572.50
WY021	GRANITE CREEK HOBACK R, SNAKE R	WO	46300.00	0.50	23150.00
09588	SOUTH PARK DITCH S PARK PL (GROS VENTRE R)	WO	1425.00	0.75	1068.75
08052	JACKSON SNAKE R	WO	4000.00	0.50	2000.00
** Subtotal **			462395.00		297515.25
** River Basin YELLOWSTONE RIVER BASIN					
06864	BUFFALO CLEAR CR, POWDER R	U	600.00	0.50	300.00
09503	TONGUE RIVER TONGUE R	U	36000.00	0.10	3600.00
WY020	GOOSE CREEK GOOSE CR, TONGUE R	U	12000.00	0.10	1200.00

HYDROPOWER RESOURCE ASSESSMENT BY RIVER BASIN

FERC Number	Plant Name/ Stream	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
WY029	SHERIDAN S TONGUE R	U	25000.00	0.10	2500.00
WY024	ISHAWOOA S FK SHOSHONE R	U	45000.00	0.90	40500.00
WY031	SOUTH FORK S FK SHOSHONE R	U	25000.00	0.90	22500.00
WY036	WAPITI N FK SHOSHONE R	U	65000.00	0.90	58500.00
WY037	KANE BIGHORN R	U	30000.00	0.90	27000.00
08910	TEN SLEEP CREEK TENSLEEP CR,BIGHORN R	U	9500.00	0.50	4750.00
WY034	THERMOPOLIS BIGHORN R	U	50000.00	0.90	45000.00
06288	LANDER WT M POPO AGIE R	U	300.00	0.90	270.00
06960	PILOT CANAL CHUTE PILOT CNL(WIND R)	U	2500.00	0.50	1250.00
WY019	DU NOIR WIND R	U	10000.00	0.50	5000.00
WY014	BALD RIDGE CLARKS FORK,YELLOWSTONE R	U	23000.00	0.10	2300.00
07945	SUNLIGHT CREEK SUNLIGHT CR,CLARKS FK,YELLOWST	U	1200.00	0.10	120.00
WY032	SUNLIGHT SUNLIGHT CR,CLARKS FORK	U	14900.00	0.90	13410.00
WY035	THIEF CREEK CLARKS FORK,YELLOWSTONE R	U	125200.00	0.10	12520.00
WY023	HUNTER MOUNTAIN CLARKS FORK,YELLOWSTONE R	U	14400.00	0.10	1440.00
09501	NORTH PINEY CREEK N PINEY CR,CLEAR CR	WO	8000.00	0.75	6000.00

HYDROPOWER RESOURCE ASSESSMENT BY RIVER BASIN

FERC Number	Plant Name/ Stream	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
09570	PINEY CREEK S PINEY CR,CLEAR CR	WO	9600.00	0.75	7200.00
WY028	ROCKWOOD TONGUE R	WO	60000.00	0.50	30000.00
09500	SOUTH TONGUE S TONGUE R	WO	4300.00	0.50	2150.00
10977	WILLWOOD SHOSHONE R	WO	2000.00	0.90	1800.00
04069	CORBETT SHOSHONE R	WO	800.00	0.75	600.00
11156	IRON CREEK SHOSHONE R	WO	4000.00	0.75	3000.00
06922	TROTTERS STATION SHOSHONE R	WO	7210.00	0.75	5407.50
06929	CODY SHOSHONE R	WO	6650.00	0.75	4987.50
09502	SHELL CREEK SHELL CR,BIGHORN R	WO	12000.00	0.75	9000.00
04481	BULL LAKE BULL LAKE CR,WIND R	WO	4000.00	0.75	3000.00
08711	LITTLE ROCK CREEK LITTLE ROCK CR,ROCK CR	WO	1500.00	0.75	1125.00
WY015	BEAR TOOTH LAKE BEAR TOOTH CR,CLARKS FORK	WO	12000.00	0.90	10800.00
10403	SUNSHINE LOWER SUNSHINE CR,GREYBULL R	WO	6600.00	0.75	4950.00
10404	SUNSHINE UPPER SUNSHINE CR,GREYBULL R	WO	7000.00	0.75	5250.00
** Subtotal **			635260.00		337430.00
*** Total ***			1628235.00		893576.75

Appendix C

Wyoming (WY) Sites

HYDROPOWER RESOURCE ASSESSMENT BY STATE

FERC Number	Plant Name/ Stream	Fed. Proj	Name Plate Rating (KW)	PESF	KW * PESF
** State Name WY					
** Dam Status: WO					
WY028	ROCKWOOD TONGUE R		60000.00	0.50	30000.00
WY015	BEAR TOOTH LAKE BEAR TOOTH CR, CLARKS FORK		12000.00	0.90	10800.00
WY013	ALPINE SNAKE R		347430.00	0.75	260572.50
WY021	GRANITE CREEK HOBACK R, SNAKE R		46300.00	0.50	23150.00
01651	SWIFT UPPER SWIFT CR, SALT R		800.00	0.75	600.00
WY003	GUERNSEY N PLATTE R	Yes	14625.00	0.50	7312.50
WY004	GLENDO N PLATTE R	Yes	56460.00	0.50	28230.00
WY006	FREMONT CANYON N PLATTE R	Yes	144700.00	0.50	72350.00
WY009	SEMINOE N PLATTE R	Yes	113000.00	0.50	56500.00
10977	WILLWOOD SHOSHONE R		2000.00	0.90	1800.00
04069	CORBETT SHOSHONE R		800.00	0.75	600.00
11156	IRON CREEK SHOSHONE R		4000.00	0.75	3000.00
06922	TROTTERS STATION SHOSHONE R		7210.00	0.75	5407.50
06929	CODY SHOSHONE R		6650.00	0.75	4987.50
04481	BULL LAKE BULL LAKE CR, WIND R		4000.00	0.75	3000.00

HYDROPOWER RESOURCE ASSESSMENT BY STATE

FERC Number	Plant Name/ Stream	Fed. Proj	Name Plate Rating (KW)	PESF	KW * PESF
08273	BAGLEY DAM SMITHS FK, BEAR R		2000.00	0.90	1800.00
08272	SMITHS FORK SMITHS FK, BEAR CR		2000.00	0.75	1500.00
08240	PINE CREEK PINE CR, BEAR R		210.00	0.75	157.50
08052	JACKSON SNAKE R		4000.00	0.50	2000.00
10403	SUNSHINE LOWER SUNSHINE CR, GREYBULL R		6600.00	0.75	4950.00
10404	SUNSHINE UPPER SUNSHINE CR, GREYBULL R		7000.00	0.75	5250.00
00662	PINEDALE PINE CR, NEW FK, GREEN R		100.00	0.50	50.00
07942	TUNNEL CREEK TUNNEL CR, BLUE GRASS CR, LARAMI		3900.00	0.75	2925.00
03814	GUERNSEY N PLATTE R		14600.00	0.50	7300.00
04532	GRAY REEF N PLATTE R		10000.00	0.50	5000.00
05770	KEYHOLE BELLE FOURCHE R		900.00	0.75	675.00
09501	NORTH PINEY CREEK N PINEY CR, CLEAR CR		8000.00	0.75	6000.00
09570	PINEY CREEK S PINEY CR, CLEAR CR		9600.00	0.75	7200.00
09500	SOUTH TONGUE S TONGUE R		4300.00	0.50	2150.00
09502	SHELL CREEK SHELL CR, BIGHORN R		12000.00	0.75	9000.00
08711	LITTLE ROCK CREEK LITTLE ROCK CR, ROCK CR		1500.00	0.75	1125.00

HYDROPOWER RESOURCE ASSESSMENT BY STATE

FERC Number	Plant Name/ Stream	Fed. Proj	Name Plate Rating (KW)	PESF	KW * PESF
07557	MEEKS CABIN BLACKS FORK R		1000.00	0.90	900.00
07175	WOODRUFF NARROWS BEAR R		2500.00	0.75	1875.00
10927	SALT RIVER SALT R		1100.00	0.90	990.00
08085	GREYS RIVER GREYS R, SNAKE R		7500.00	0.50	3750.00
09588	SOUTH PARK DITCH S PARK PL(GROS VENTRE R)		1425.00	0.75	1068.75
* Subsubtotal *			920210.00		573976.25
** Subtotal **			920210.00		573976.25
*** Total ***			920210.00		573976.25

HYDROPOWER RESOURCE ASSESSMENT BY STATE

FERC Number	Plant Name/ Stream	Fed. Proj	Name Plate Rating (KW)	PESF	KW * PESF
** State Name WY					
** Dam Status: U					
WY001	SYBILLE CREEK SYBILLE CR,LARAMIE R		17000.00	0.90	15300.00
WY002	DODGE CANYON LARAMIE R		7500.00	0.90	6750.00
WY005	BESSEMER BEND N PLATTE R		14000.00	0.50	7000.00
WY007	LEWISTON SWEETWATER R		5000.00	0.10	500.00
WY008	PEDRO MOUNTAIN N PLATTE R		36000.00	0.25	9000.00
WY010	FORT STEELE N PLATTE R		13000.00	0.25	3250.00
WY011	JACKS CREEK N PLATTE R		26000.00	0.25	6500.00
WY012	BENNETT PEAK N PLATTE R		15300.00	0.50	7650.00
WY026	PARKVIEW HILL N PLATTE R		20000.00	0.50	10000.00
WY020	GOOSE CREEK GOOSE CR,TONGUE R		12000.00	0.10	1200.00
WY024	ISHAWOOA S FK SHOSHONE R		45000.00	0.90	40500.00
WY031	SOUTH FORK S FK SHOSHONE R		25000.00	0.90	22500.00
WY036	WAPITI N FK SHOSHONE R		65000.00	0.90	58500.00
WY037	KANE BIGHORN R		30000.00	0.90	27000.00
WY034	THERMOPOLIS BIGHORN R		50000.00	0.90	45000.00

HYDROPOWER RESOURCE ASSESSMENT BY STATE

FERC Number	Plant Name/ Stream	Fed. Proj	Name Plate Rating (KW)	PESF	KW * PESF
WY019	DU NOIR WIND R		10000.00	0.50	5000.00
WY018	COKEVILLE PINE CR, BEAR R		9000.00	0.50	4500.00
WY025	MARTEN CREEK GREYS R, SNAKE R		6600.00	0.10	660.00
WY017	CAMP DAVIS HOBACK R, SNAKE R		19530.00	0.10	1953.00
WY027	RAMSHORN HOBACK R, SNAKE R		24180.00	0.10	2418.00
WY030	SLIDE GROS VENTRE R, SNAKE R		3500.00	0.10	350.00
WY029	SHERIDAN S TONGUE R	Yes	25000.00	0.10	2500.00
WY014	BALD RIDGE CLARKS FORK, YELLOWSTONE R	Yes	23000.00	0.10	2300.00
WY032	SUNLIGHT SUNLIGHT CR, CLARKS FORK	Yes	14900.00	0.90	13410.00
WY035	THIEF CREEK CLARKS FORK, YELLOWSTONE R	Yes	125200.00	0.10	12520.00
WY023	HUNTER MOUNTAIN CLARKS FORK, YELLOWSTONE R	Yes	14400.00	0.10	1440.00
04895	GRANITE SPRINGS M CROW CR, S PLATTE R		420.00	0.90	378.00
08876	GRAYROCKS LARAMIE R, N PLATTE R		1000.00	0.90	900.00
06864	BUFFALO CLEAR CR, POWDER R		600.00	0.50	300.00
06288	LANDER WT M POPO AGIE R		300.00	0.90	270.00
06960	PILOT CANAL CHUTE PILOT CNL(WIND R)		2500.00	0.50	1250.00

HYDROPOWER RESOURCE ASSESSMENT BY STATE

FERC Number	Plant Name/ Stream	Fed. Proj	Name Plate Rating (KW)	PESF	KW * PESF
WY016	BOULDER LAKE BOULDER CR,NEW FORK R		365.00	0.90	328.50
09503	TONGUE RIVER TONGUE R		36000.00	0.10	3600.00
08910	TEN SLEEP CREEK TENSLEEP CR,BIGHORN R		9500.00	0.50	4750.00
07945	SUNLIGHT CREEK SUNLIGHT CR,CLARKS FK,YELLOWST		1200.00	0.10	120.00
10434	BEDFORD GRAND CNL(STRAWBERRY CR)SALT R		30.00	0.10	3.00
* Subsubtotal *			708025.00		319600.50
** Subtotal **			708025.00		319600.50
*** Total ***			708025.00		319600.50

DATE: 10/06/93

H Y D R O P O W E R C A P A C I T Y S U M M A R Y

State	Category	Number of Projects	Name Plate Capacity (KW)	HES Adjusted Capacity (KW)
WY	With Power	0	0	0
	W/O Power	36	920210	573976.25
	Undeveloped	36	708025	319600.50
	STATE TOTAL	72	1628235	893576.75
TOTALS	With Power	0	0	0
	W/O Power	36	920210	573976.25
	Undeveloped	36	708025	319600.50
GRAND TOTAL		72	1628235	893576.75

Appendix D

Resource Database Listing

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 1

FERC Number	Plant Name	Stream		State Name
00662	PINEDALE	PINE CR, NEW FK, GREEN R		WY
County Name		River Basin		
SUBLETTE		GREEN RIVER BASIN		
Class		Owner Name		
P		PACIFICORP		
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
100.00	0.50	50.00	270.00	135
Unit Type	Plant Type	Project Status	Dam Status	Latitude 4253.00 Longitude 10951.00
C	ROR	XX	WO	
Factor	Exist	Prob	Factor	Exist
				Prob
Wild/Scenic Protection		0.90	Wildlife Value	Y 0.75
Wild/Scenic Tributary or			Threatened/Endangered Fish	0.90
Upstream/Downstream			Threatened/Endangered Wildlife	0.90
Wild/Scenic Location		0.90	Federal Land Code 103	0.90
Cultural Value		0.90	Federal Land Code 104	Y 0.75
Fish Presence Value	Y	0.75	Federal Land Code 105	0.90
Geologic Value		0.90	Federal Land Code 106	0.90
Historic Value	Y	0.75	Federal Land Code 107	0.90
Other Value		0.90	Federal Land Code 108	0.90
Recreation Value	Y	0.75	Federal Land Code 198	0.90
Scenic Value	Y	0.90		

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 2

FERC Number	Plant Name	Stream	State Name
01651	SWIFT UPPER	SWIFT CR,SALT R	WY

County Name	River Basin
LINCOLN	UPPER SNAKE RIVER BASIN

Class		Owner Name	
C		SWIFT CREEK POWER CO,INC	
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)
800.00	0.75	600.00	3600.00
			PESF Annual Energy Rating (MWh)
			2700

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4245.00
C	ROR	MO	WO	Longitude	11050.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104	Y	0.75
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 3

FERC Number	Plant Name	Stream		State Name
03814	GUERNSEY	N PLATTE R		WY
County Name		River Basin		
PLATTE		PLATTE RIVER BASIN		
Class		Owner Name		
R		ENERGENICS SYSTEMS INC		
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
14600.00	0.50	7300.00	34300.00	17150
Unit Type	Plant Type	Project Status	Dam Status	Latitude 4217.00 Longitude 10446.00
C	ROR	XX	WO	
Factor	Exist	Prob	Factor	Exist
				Prob
Wild/Scenic Protection		0.90	Wildlife Value	0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish	0.90
Upstream/Downstream			Threatened/Endangered Wildlife Y	0.75
Wild/Scenic Location		0.90	Federal Land Code 103	0.90
Cultural Value		0.90	Federal Land Code 104	Y 0.75
Fish Presence Value		0.90	Federal Land Code 105	0.90
Geologic Value		0.90	Federal Land Code 106	0.90
Historic Value		0.90	Federal Land Code 107	0.90
Other Value		0.90	Federal Land Code 108	0.90
Recreation Value		0.90	Federal Land Code 198	0.90
Scenic Value		0.90		

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 4

FERC Number	Plant Name	Stream	State Name
04069	CORBETT	SHOSHONE R	WY

County Name	River Basin
PARK	YELLOWSTONE RIVER BASIN

Class	Owner Name
M	SHOSHONE IRRIG DIST

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
800.00	0.75	600.00	3500.00	2625

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4433.00 10900.00
C	DIV	XX	WO		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104	Y	0.75
Fish Presence Value		0.90	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value		0.90	Federal Land Code 198		0.90
Scenic Value		0.90			

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 5

FERC Number	Plant Name	Stream	State Name
04481	BULL LAKE	BULL LAKE CR,WIND R	WY

County Name	River Basin
FREMONT	YELLOWSTONE RIVER BASIN

Class	Owner Name
M	MIDVALE IRRIG DIST

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
4000.00	0.75	3000.00	8400.00	6300

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	STG	XX	WO	4313.00	10902.00

Factor	Exist Prob	Factor	Exist Prob
Wild/Scenic Protection	0.90	Wildlife Value	0.90
Wild/Scenic Tributary or Upstream/Downstream		Threatened/Endangered Fish	0.90
Wild/Scenic Location	0.90	Threatened/Endangered Wildlife	0.90
Cultural Value	0.90	Federal Land Code 103	0.90
Fish Presence Value	0.90	Federal Land Code 104	Y 0.75
Geologic Value	0.90	Federal Land Code 105	0.90
Historic Value	0.90	Federal Land Code 106	0.90
Other Value	0.90	Federal Land Code 107	0.90
Recreation Value	0.90	Federal Land Code 108	0.90
Scenic Value	0.90	Federal Land Code 198	0.90

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 6

FERC Number	Plant Name	Stream	State Name
04532	GRAY REEF	N PLATTE R	WY

County Name	River Basin
NATRONA	PLATTE RIVER BASIN

Class	Owner Name
R	CONTINENTAL HYDRO CORP

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
10000.00	0.50	5000.00	30000.00	15000

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4234.00	Longitude	10642.00
C	ROR	XX	WO				

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife Y		0.75
Wild/Scenic Location	0.90		Federal Land Code 103		0.90
Cultural Value	0.90		Federal Land Code 104	Y	0.75
Fish Presence Value	0.90		Federal Land Code 105		0.90
Geologic Value	0.90		Federal Land Code 106		0.90
Historic Value	0.90		Federal Land Code 107		0.90
Other Value	0.90		Federal Land Code 108		0.90
Recreation Value	0.90		Federal Land Code 198		0.90
Scenic Value	0.90				

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 7

FERC Number	Plant Name	Stream	State Name
04895	GRANITE SPRINGS	M CROW CR,S PLATTE R	WY

County Name	River Basin
LARAMIE	PLATTE RIVER BASIN

Class		Owner Name		
M	CHEYENNE, CITY OF			
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
420.00	0.90	378.00	2050.00	1845

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	STG	XX	U	4109.00	10512.00

Factor	Exist Prob	Factor	Exist Prob
Wild/Scenic Protection	0.90	Wildlife Value	0.90
Wild/Scenic Tributary or Upstream/Downstream		Threatened/Endangered Fish	0.90
Wild/Scenic Location	0.90	Threatened/Endangered Wildlife	0.90
Cultural Value	0.90	Federal Land Code 103	0.90
Fish Presence Value	0.90	Federal Land Code 104	0.90
Geologic Value	0.90	Federal Land Code 105	0.90
Historic Value	0.90	Federal Land Code 106	0.90
Other Value	0.90	Federal Land Code 107	0.90
Recreation Value	0.90	Federal Land Code 108	0.90
Scenic Value	0.90	Federal Land Code 198	0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 8

FERC Number	Plant Name	Stream	State Name
05770	KEYHOLE	BELLE FOURCHE R	WY

County Name	River Basin
CROOK	CHEYENNE RIVER BASIN

Class	Owner Name
R	ENERGENICS SYSTEMS INC

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
900.00	0.75	675.00	4000.00	3000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4423.00 10447.00
C	ROR	XX	WO		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104	Y	0.75
Fish Presence Value		0.90	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value		0.90	Federal Land Code 198		0.90
Scenic Value		0.90			

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 9

FERC Number	Plant Name	Stream	State Name
06288	LANDER WT	M POPO AGIE R	WY
County Name	River Basin		
FREMONT	YELLOWSTONE RIVER BASIN		
Class	Owner Name		
M	LANDER, CITY OF		
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)
300.00	0.90	270.00	1300.00
			PESF Annual Energy Rating (MWh)
			1170
Unit Type	Plant Type	Project Status	Dam Status
C	ROR	XX	U
			Latitude 4248.00 Longitude 10844.00
Factor	Exist	Prob	Factor
Wild/Scenic Protection		0.90	Wildlife Value
Wild/Scenic Tributary or			Threatened/Endangered Fish
Upstream/Downstream			Threatened/Endangered Wildlife
Wild/Scenic Location		0.90	Federal Land Code 103
Cultural Value		0.90	Federal Land Code 104
Fish Presence Value		0.90	Federal Land Code 105
Geologic Value		0.90	Federal Land Code 106
Historic Value		0.90	Federal Land Code 107
Other Value		0.90	Federal Land Code 108
Recreation Value		0.90	Federal Land Code 198
Scenic Value		0.90	

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 10

FERC Number	Plant Name	Stream	State Name
06864	BUFFALO	CLEAR CR, POWDER R	WY

County Name	River Basin
JOHNSON	YELLOWSTONE RIVER BASIN

Class	Owner Name
M	JOHNSON, COUNTY OF

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
600.00	0.50	300.00	3032.00	1516

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4420.00
C	ROR	XX	U	Longitude	10646.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104	Y	0.50
Fish Presence Value		0.90	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value		0.90	Federal Land Code 198		0.90
Scenic Value		0.90			

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 11

FERC Number	Plant Name	Stream	State Name
06922	TROTTERS STATION	SHOSHONE R	WY

County Name	River Basin
PARK	YELLOWSTONE RIVER BASIN

Class	Owner Name
M	GILLETTE, CITY OF

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
7210.00	0.75	5407.50	37700.00	28275

Unit Type	Plant Type	Project Status	Dam Status	Latitude 4435.00 Longitude 10858.00
C	ROR	XX	WO	

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104	Y	0.75
Fish Presence Value		0.90	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value		0.90	Federal Land Code 198		0.90
Scenic Value		0.90			

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 12

FERC Number	Plant Name	Stream	State Name
06929	CODY	SHOSHONE R	WY
County Name	River Basin		
PARK	YELLOWSTONE RIVER BASIN		
Class	Owner Name		
M	GILLETTE, CITY OF		
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)
6650.00	0.75	4987.50	34700.00
			PESF Annual Energy Rating (MWh)
			26025
Unit Type	Plant Type	Project Status	Dam Status
C	ROR	XX	WO
Latitude	4432.00		
Longitude	10904.00		
Factor	Exist	Prob	Factor
Wild/Scenic Protection		0.90	Wildlife Value
Wild/Scenic Tributary or			Threatened/Endangered Fish
Upstream/Downstream			Threatened/Endangered Wildlife
Wild/Scenic Location		0.90	Federal Land Code 103
Cultural Value		0.90	Federal Land Code 104
Fish Presence Value		0.90	Federal Land Code 105
Geologic Value		0.90	Federal Land Code 106
Historic Value		0.90	Federal Land Code 107
Other Value		0.90	Federal Land Code 108
Recreation Value		0.90	Federal Land Code 198
Scenic Value		0.90	

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 13

FERC Number	Plant Name	Stream	State Name
06960	PILOT CANAL CHUTE	PILOT CNL(WIND R)	WY

County Name	River Basin
FREMONT	YELLOWSTONE RIVER BASIN

Class		Owner Name	
M	MIDVALE IRRIG DIST		
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)
2500.00	0.50	1250.00	7000.00
		PESF Annual Energy Rating (MWh)	
		3500	
Unit Type	Plant Type	Project Status	Dam Status
C	ROR	XX	U
Latitude	Longitude		
0.00	0.00		

Factor	Exist Prob	Factor	Exist Prob
Wild/Scenic Protection	0.90	Wildlife Value	0.90
Wild/Scenic Tributary or Upstream/Downstream		Threatened/Endangered Fish	0.90
Wild/Scenic Location	0.90	Threatened/Endangered Wildlife	0.90
Cultural Value	0.90	Federal Land Code 103	0.90
Fish Presence Value	0.90	Federal Land Code 104	Y 0.50
Geologic Value	0.90	Federal Land Code 105	0.90
Historic Value	0.90	Federal Land Code 106	0.90
Other Value	0.90	Federal Land Code 107	0.90
Recreation Value	0.90	Federal Land Code 108	0.90
Scenic Value	0.90	Federal Land Code 198	0.90

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 14

FERC Number	Plant Name	Stream	State Name
07175	WOODRUFF NARROWS	BEAR R	WY

County Name	River Basin
UINTA	GREAT SALT LAKE BASIN

Class	Owner Name
R	RESOURCE MGMT CO

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
2500.00	0.75	1875.00	7550.00	5662.50

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	ROR	XX	WO	4130.00	11101.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104	Y	0.75
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 15

FERC Number	Plant Name	Stream	State Name
07557	MEEKS CABIN	BLACKS FORK R	WY
County Name	River Basin		
UINTA	GREEN RIVER BASIN		
Class	Owner Name		
R	WYOMING HYDRO ASSOC		
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)
1000.00	0.90	900.00	3000.00
			PESF Annual Energy Rating (MWh)
			2700
Unit Type	Plant Type	Project Status	Dam Status
C	ROR	XX	WO
Latitude	Longitude		
4102.00	11035.00		
Factor	Exist	Prob	Factor
			Exist
			Prob
Wild/Scenic Protection	0.90		Wildlife Value
Wild/Scenic Tributary or			Threatened/Endangered Fish
Upstream/Downstream			Threatened/Endangered Wildlife
Wild/Scenic Location	0.90		Federal Land Code 103
Cultural Value	0.90		Federal Land Code 104
Fish Presence Value	0.90		Federal Land Code 105
Geologic Value	0.90		Federal Land Code 106
Historic Value	0.90		Federal Land Code 107
Other Value	0.90		Federal Land Code 108
Recreation Value	0.90		Federal Land Code 198
Scenic Value	0.90		

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 16

FERC Number	Plant Name	Stream	State Name
07942	TUNNEL CREEK	TUNNEL CR,BLUE GRASS CR,LARAMI	WY

County Name	River Basin
ALBANY	PLATTE RIVER BASIN

Class	Owner Name
R	BOSLER ASSOC

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
3900.00	0.75	2925.00	14000.00	10500

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	0.00 0.00
C	DIV	XX	WO		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104	Y	0.75
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 17

FERC Number	Plant Name	Stream	State Name
07945	SUNLIGHT CREEK	SUNLIGHT CR, CLARKS FK, YELLOWST	WY

County Name	River Basin
PARK	YELLOWSTONE RIVER BASIN

Class	Owner Name
R	WYOMING NATURAL ENERGY, INC

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
1200.00	0.10	120.00	5000.00	500

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude
C	ROR	XX	U	4447.00 10924.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value	Y	0.25
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife	Y	0.50
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value	Y	0.25	Federal Land Code 104	Y	0.50
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value	Y	0.25	Federal Land Code 108		0.90
Scenic Value	Y	0.50	Federal Land Code 198		0.90

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 18

FERC Number	Plant Name	Stream	State Name
08052	JACKSON	SNAKE R	WY

County Name	River Basin
TETON	UPPER SNAKE RIVER BASIN

Class	Owner Name
M	JACKSON, TOWN OF

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
4000.00	0.50	2000.00	12000.00	6000

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4352.00
C	ROR	XX	WO	Longitude	11035.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife Y		0.75
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104		0.90
Fish Presence Value	Y	0.75	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value	Y	0.75	Federal Land Code 198		0.90
Scenic Value	Y	0.90			

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 19

FERC Number	Plant Name	Stream	State Name
08085	GREYS RIVER	GREYS R, SNAKE R	WY

County Name	River Basin
LINCOLN	UPPER SNAKE RIVER BASIN

Class		Owner Name		
R		BIRCH POWER CO INC		
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
7500.00	0.50	3750.00	32500.00	16250

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude
C	ROR	XX	WO	4310.00 11100.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value	Y	0.75
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value	Y	0.75	Federal Land Code 104		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value	Y	0.75	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 20

FERC Number	Plant Name	Stream	State Name
08240	PINE CREEK	PINE CR,BEAR R	WY
County Name	River Basin		
LINCOLN	GREAT SALT LAKE BASIN		
Class	Owner Name		
M	COKEVILLE,CITY OF		
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)
210.00	0.75	157.50	1300.00
			PESF Annual Energy Rating (MWh)
			975
Unit Type	Plant Type	Project Status	Dam Status
C	ROR	XX	WO
Latitude	4206.00		
Longitude	11049.00		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104	Y	0.75
Fish Presence Value		0.90	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value		0.90	Federal Land Code 198		0.90
Scenic Value		0.90			

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 21

FERC Number	Plant Name	Stream	State Name
08272	SMITHS FORK	SMITHS FK, BEAR CR	WY

County Name	River Basin
LINCOLN	GREAT SALT LAKE BASIN

Class	Owner Name
M	WYOMING, STATE OF ET AL

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
2000.00	0.75	1500.00	9500.00	7125

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	ROR	XX	WO	4227.00	11056.00

Factor	Exist Prob	Factor	Exist Prob
Wild/Scenic Protection	0.90	Wildlife Value	0.90
Wild/Scenic Tributary or Upstream/Downstream		Threatened/Endangered Fish	0.90
Wild/Scenic Location	0.90	Threatened/Endangered Wildlife	0.90
Cultural Value	0.90	Federal Land Code 103	0.90
Fish Presence Value	0.90	Federal Land Code 104	Y 0.75
Geologic Value	0.90	Federal Land Code 105	0.90
Historic Value	0.90	Federal Land Code 106	0.90
Other Value	0.90	Federal Land Code 107	0.90
Recreation Value	0.90	Federal Land Code 108	0.90
Scenic Value	0.90	Federal Land Code 198	0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 22

FERC Number	Plant Name	Stream	State Name		
08273	BAGLEY DAM	SMITHS FK, BEAR R	WY		
County Name	River Basin				
LINCOLN	GREAT SALT LAKE BASIN				
Class	Owner Name				
M	WYOMING, STATE OF ET AL				
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)	
2000.00	0.90	1800.00	11000.00	9900	
Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4211.00 11057.00
C	ROR	XX	WO		
Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104		0.90
Fish Presence Value		0.90	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value		0.90	Federal Land Code 198		0.90
Scenic Value		0.90			

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 23

FERC Number	Plant Name	Stream	State Name
08711	LITTLE ROCK CREEK	LITTLE ROCK CR, ROCK CR	WY

County Name	River Basin
PARK	YELLOWSTONE RIVER BASIN

Class	Owner Name
R	NORTHWEST HYDROELECTRIC

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
1500.00	0.75	1125.00	12600.00	9450

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	ROR	XX	WO	4454.00	10916.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104	Y	0.75
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 24

FERC Number	Plant Name	Stream	State Name		
08876	GRAYROCKS	LARAMIE R,N PLATTE R	WY		
County Name	River Basin				
PLATTE	PLATTE RIVER BASIN				
Class	Owner Name				
M	WYOMING, STATE OF				
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)	
1000.00	0.90	900.00	4500.00	4050	
Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4207.00 10448.00
C	ROR	XX	U		
Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104		0.90
Fish Presence Value		0.90	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value		0.90	Federal Land Code 198		0.90
Scenic Value		0.90			

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 25

FERC Number	Plant Name	Stream	State Name
08910	TEN SLEEP CREEK	TENSLEEP CR,BIGHORN R	WY

County Name	River Basin
WASHAKIE	YELLOWSTONE RIVER BASIN

Class	Owner Name
R	TENSLEEP HYDROPOWER INC

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
9500.00	0.50	4750.00	28000.00	14000

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	ROR	MO	U	4405.00	10717.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104	Y	0.50
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

DATE: 10/06/93

PAGE NO: 26

FERC Number	Plant Name	Stream		State Name		
09500	SOUTH TONGUE	S TONGUE R		WY		
County Name		River Basin				
SHERIDAN		YELLOWSTONE RIVER BASIN				
Class		Owner Name				
R		TONGUE RIVER HYDRO PNSP I				
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)		
4300.00	0.50	2150.00	10500.00	5250		
Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude		
C	ROR	XX	WO	4449.00 10728.00		
Factor		Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection			0.90	Wildlife Value	Y	0.75
Wild/Scenic Tributary or				Threatened/Endangered Fish		0.90
Upstream/Downstream				Threatened/Endangered Wildlife		0.90
Wild/Scenic Location			0.90	Federal Land Code 103		0.90
Cultural Value			0.90	Federal Land Code 104	Y	0.75
Fish Presence Value		Y	0.75	Federal Land Code 105		0.90
Geologic Value		Y	0.90	Federal Land Code 106		0.90
Historic Value		Y	0.75	Federal Land Code 107		0.90
Other Value			0.90	Federal Land Code 108		0.90
Recreation Value		Y	0.75	Federal Land Code 198		0.90
Scenic Value		Y	0.90			

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 27

FERC Number	Plant Name	Stream	State Name
09501	NORTH PINEY CREEK	N PINEY CR,CLEAR CR	WY

County Name	River Basin
SHERIDAN	YELLOWSTONE RIVER BASIN

Class	Owner Name
R	SHERIDAN HYDRO ASSOC

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
8000.00	0.75	6000.00	10500.00	7875

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4434.00
C	ROR	XX	WO	Longitude	10655.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104	Y	0.75
Fish Presence Value		0.90	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value		0.90	Federal Land Code 198		0.90
Scenic Value		0.90			

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 28

FERC Number	Plant Name	Stream	State Name		
09502	SHELL CREEK	SHELL CR,BIGHORN R	WY		
County Name	River Basin				
BIG HORN	YELLOWSTONE RIVER BASIN				
Class	Owner Name				
R	SHELL CREEK DEVELOPERS				
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)	
12000.00	0.75	9000.00	24000.00	18000	
Unit Type	Plant Type	Project Status	Dam Status	Latitude 4434.00 Longitude 10742.00	
C	ROR	XX	WO		
Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104	Y	0.75
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 29

FERC Number	Plant Name	Stream	State Name
09503	TONGUE RIVER	TONGUE R	WY

County Name	River Basin
SHERIDAN	YELLOWSTONE RIVER BASIN

Class	Owner Name
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R	TONGUE RIVER HYDRO PNSP II
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
36000.00	0.10	3600.00	155500.00	15550.00

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	ROR	XX	U	4450.00	10719.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value	Y	0.25
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104	Y	0.50
Fish Presence Value	Y	0.25	Federal Land Code 105		0.90
Geologic Value	Y	0.50	Federal Land Code 106		0.90
Historic Value	Y	0.50	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value	Y	0.25	Federal Land Code 198		0.90
Scenic Value	Y	0.50			

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 30

FERC Number	Plant Name	Stream	State Name
09570	PINEY CREEK	S PINEY CR,CLEAR CR	WY

County Name	River Basin
JOHNSON	YELLOWSTONE RIVER BASIN

Class		Owner Name		
R		STORY ASSOC		
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
9600.00	0.75	7200.00	19200.00	14400

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4433.00
C	ROR	XX	WO	Longitude	10658.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location	0.90		Federal Land Code 103		0.90
Cultural Value	0.90		Federal Land Code 104	Y	0.75
Fish Presence Value	0.90		Federal Land Code 105		0.90
Geologic Value	0.90		Federal Land Code 106		0.90
Historic Value	0.90		Federal Land Code 107		0.90
Other Value	0.90		Federal Land Code 108		0.90
Recreation Value	0.90		Federal Land Code 198		0.90
Scenic Value	0.90				

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 31

FERC Number	Plant Name	Stream	State Name
09588	SOUTH PARK DITCH	S PARK PL(GROS VENTRE R)	WY

County Name	River Basin
TETON	UPPER SNAKE RIVER BASIN

Class	Owner Name
R	ELK REFUGE PRESER GROUP

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
1425.00	0.75	1068.75	42000.00	31500

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	DIV	XX	WO	4332.00	11043.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection	0.90		Wildlife Value	0.90	
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish	0.90	
Wild/Scenic Location	0.90		Threatened/Endangered Wildlife	0.90	
Cultural Value	0.90		Federal Land Code 103	0.90	
Fish Presence Value	0.90		Federal Land Code 104	Y	0.75
Geologic Value	0.90		Federal Land Code 105	0.90	
Historic Value	0.90		Federal Land Code 106	0.90	
Other Value	0.90		Federal Land Code 107	0.90	
Recreation Value	0.90		Federal Land Code 108	0.90	
Scenic Value	0.90		Federal Land Code 198	0.90	

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 32

FERC Number	Plant Name	Stream	State Name
10403	SUNSHINE LOWER	SUNSHINE CR, GREYBULL R	WY

County Name	River Basin
PARK	YELLOWSTONE RIVER BASIN

Class	Owner Name
M	GREYBULL VALLEY ID

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
6600.00	0.75	4950.00	13000.00	9750

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4406.00
C	ROR	XX	WO	Longitude	10858.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife Y		0.75
Wild/Scenic Location	0.90		Federal Land Code 103		0.90
Cultural Value	0.90		Federal Land Code 104		0.90
Fish Presence Value	0.90		Federal Land Code 105		0.90
Geologic Value	0.90		Federal Land Code 106		0.90
Historic Value	0.90		Federal Land Code 107		0.90
Other Value	0.90		Federal Land Code 108		0.90
Recreation Value	0.90		Federal Land Code 198		0.90
Scenic Value	0.90				

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 33

FERC Number	Plant Name	Stream	State Name
10404	SUNSHINE UPPER	SUNSHINE CR,GREYBULL R	WY
County Name		River Basin	
PARK		YELLOWSTONE RIVER BASIN	
Class		Owner Name	
M		GREYBULL VALLEY ID	
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)
7000.00	0.75	5250.00	12900.00
		PESF Annual Energy Rating (MWh)	
		9675	
Unit Type	Plant Type	Project Status	Dam Status
C	ROR	XX	WO
		Latitude	4403.00
		Longitude	10903.00
Factor		Exist Prob	
Wild/Scenic Protection		0.90	
Wild/Scenic Tributary or Upstream/Downstream		0.90	
Wild/Scenic Location		0.90	
Cultural Value		0.90	
Fish Presence Value		0.90	
Geologic Value		0.90	
Historic Value		0.90	
Other Value		0.90	
Recreation Value		0.90	
Scenic Value		0.90	
Factor		Exist Prob	
Wildlife Value		0.90	
Threatened/Endangered Fish		0.90	
Threatened/Endangered Wildlife Y		0.75	
Federal Land Code 103		0.90	
Federal Land Code 104		0.90	
Federal Land Code 105		0.90	
Federal Land Code 106		0.90	
Federal Land Code 107		0.90	
Federal Land Code 108		0.90	
Federal Land Code 198		0.90	

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 34

FERC Number	Plant Name	Stream	State Name
10434	BEDFORD	GRAND CNL(STRAWBERRY CR) SALT R	WY

County Name	River Basin
LINCOLN	UPPER SNAKE RIVER BASIN

Class	Owner Name
R	HEINER, SCOTT D

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
30.00	0.10	3.00	125.00	12.50

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	DIV	XX	U	4254.00	11053.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value	Y	0.25
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value	Y	0.25	Federal Land Code 104	Y	0.50
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 35

FERC Number	Plant Name	Stream	State Name
10927	SALT RIVER	SALT R	WY

County Name	River Basin
LINCOLN	UPPER SNAKE RIVER BASIN

Class	Owner Name
R	HEINER, SCOTT D.

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
1100.00	0.90	990.00	7350.00	6615

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	ROR	NO	WO	4305.00	11102.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 36

FERC Number	Plant Name	Stream	State Name
10977	WILLWOOD	SHOSHONE R	WY

County Name	River Basin
PARK	YELLOWSTONE RIVER BASIN

Class	Owner Name
M	SHOSHONE IRRIG DIST

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
2000.00	0.90	1800.00	11000.00	9900

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4410.00
C	ROR	PO	WO	Longitude	10855.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 37

FERC Number	Plant Name	Stream	State Name
11156	IRON CREEK	SHOSHONE R	WY

County Name	River Basin
PARK	YELLOWSTONE RIVER BASIN

Class	Owner Name
M	SHOSHONE IRRIG DIST

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
4000.00	0.75	3000.00	18000.00	13500

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	ROR	PO	WO	4438.00	10857.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104	Y	0.75
Fish Presence Value		0.90	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value		0.90	Federal Land Code 198		0.90
Scenic Value		0.90			

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 38

FERC Number	Plant Name	Stream	State Name
WY001	SYBILLE CREEK	SYBILLE CR, LARAMIE R	WY

County Name	River Basin
PLATTE	PLATTE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
17000.00	0.90	15300.00	43000.00	38700

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4213.00
C	ROR		U	Longitude	10509.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location	0.90		Federal Land Code 103		0.90
Cultural Value	0.90		Federal Land Code 104		0.90
Fish Presence Value	0.90		Federal Land Code 105		0.90
Geologic Value	0.90		Federal Land Code 106		0.90
Historic Value	0.90		Federal Land Code 107		0.90
Other Value	0.90		Federal Land Code 108		0.90
Recreation Value	0.90		Federal Land Code 198		0.90
Scenic Value	0.90				

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 01/04/94

PAGE NO: 1

FERC Number	Plant Name	Stream	State Name
WY002	DODGE CANYON	LARAMIE R	WY

County Name	River Basin
ALBANY	PLATTE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
7500.00	0.90	6750.00	20000.00	18000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	0.00 0.00
C	STG		U		

<u>Factor</u>	<u>Exist</u>	<u>Prob</u>	<u>Factor</u>	<u>Exist</u>	<u>Prob</u>
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 01/04/94

PAGE NO: 1

FERC Number	Plant Name	Stream	State Name
WY003	GUERNSEY	N PLATTE R	WY

County Name	River Basin
PLATTE	PLATTE RIVER BASIN

Class	Owner Name
F	BUREAU OF RECLAMATION

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy.. Rating (MWh)	PESF Annual Energy Rating (MWh)
14625.00	0.50	7312.50	34250.00	17125

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	STG		WO	4217.00	10446.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife Y		0.75
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104	Y	0.75
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 01/04/94

PAGE NO: 1

FERC Number	Plant Name	Stream	State Name
WY004	GLEND0	N PLATTE R	WY

County Name	River Basin
PLATTE	PLATTE RIVER BASIN

Class	Owner Name
F	BUREAU OF RECLAMATION

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
56460.00	0.50	28230.00	36800.00	18400

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	STG		WO	4229.00	10457.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife	Y	0.75
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104	Y	0.75
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 01/04/94

PAGE NO: 1

FERC Number	Plant Name	Stream	State Name
WY005	BESSEMER BEND	N PLATTE R	WY

County Name	River Basin
NATRONA	PLATTE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
14000.00	0.50	7000.00	72000.00	36000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	0.00 0.00
C	STG		U		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection	0.90		Wildlife Value	0.90	
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish	0.90	
Wild/Scenic Location	0.90		Threatened/Endangered Wildlife Y	0.50	
Cultural Value	0.90		Federal Land Code 103	0.90	
Fish Presence Value	0.90		Federal Land Code 104	0.90	
Geologic Value	0.90		Federal Land Code 105	0.90	
Historic Value	0.90		Federal Land Code 106	0.90	
Other Value	0.90		Federal Land Code 107	0.90	
Recreation Value	0.90		Federal Land Code 108	0.90	
Scenic Value	0.90		Federal Land Code 198	0.90	

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 01/04/94

PAGE NO: 1

FERC Number	Plant Name	Stream	State Name
WY006	FREMONT CANYON	N PLATTE R	WY

County Name	River Basin
NATRONA	PLATTE RIVER BASIN

Class	Owner Name
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F	BUREAU OF RECLAMATION
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
144700.00	0.50	72350.00	73500.00	36750

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4228.00	Longitude	10651.00
C	STG		WO				

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife Y		0.75
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104	Y	0.75
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 44

FERC Number	Plant Name	Stream	State Name
WY007	LEWISTON	SWEETWATER R	WY

County Name	River Basin
FREMONT	PLATTE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
5000.00	0.10	500.00	35000.00	3500

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4225.00 10835.00
C	STG		U		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value	Y	0.25
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104	Y	0.50
Fish Presence Value		0.90	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value	Y	0.50	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value	Y	0.25	Federal Land Code 198		0.90
Scenic Value	Y	0.50			

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 45

FERC Number	Plant Name	Stream	State Name
WY008	PEDRO MOUNTAIN	N PLATTE R	WY

County Name	River Basin
CARBON	PLATTE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
36000.00	0.25	9000.00	81000.00	20250

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	0.00 0.00
C	STG		U		

<u>Factor</u>	<u>Exist</u>	<u>Prob</u>	<u>Factor</u>	<u>Exist</u>	<u>Prob</u>
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife	Y	0.50
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104	Y	0.50
Fish Presence Value		0.90	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value		0.90	Federal Land Code 198		0.90
Scenic Value		0.90			

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 46

FERC Number	Plant Name	Stream	State Name
WY009	SEMINOE	N PLATTE R	WY

County Name	River Basin
CARBON	PLATTE RIVER BASIN

Class	Owner Name
F	BUREAU OF RECLAMATION

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
113000.00	0.50	56500.00	60100.00	30050

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	STG		WO	4209.00	10654.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife Y		0.75
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104	Y	0.75
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 47

FERC Number	Plant Name	Stream	State Name
WY010	FORT STEELE	N PLATTE R	WY

County Name	River Basin
CARBON	PLATTE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
13000.00	0.25	3250.00	32000.00	8000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude
C	ROR		U	4150.00 10702.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife Y		0.50
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104	Y	0.50
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 48

FERC Number	Plant Name	Stream	State Name
WY011	JACKS CREEK	N PLATTE R	WY

County Name	River Basin
CARBON	PLATTE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
26000.00	0.25	6500.00	64000.00	16000

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4158.00
C	ROR		U	Longitude	10702.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife Y		0.50
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104	Y	0.50
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 49

FERC Number	Plant Name	Stream	State Name
WY012	BENNETT PEAK	N PLATTE R	WY

County Name	River Basin
CARBON	PLATTE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
15300.00	0.50	7650.00	69000.00	34500

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude
C	ROR		U	4127.00 10649.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife Y		0.50
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104		0.90
Fish Presence Value		0.90	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value		0.90	Federal Land Code 198		0.90
Scenic Value		0.90			

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 50

FERC Number	Plant Name	Stream	State Name
WY013	ALPINE	SNAKE R	WY

County Name	River Basin
LINCOLN	UPPER SNAKE RIVER BASIN

Class	Owner Name
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NHPS/COE

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
347430.00	0.75	260572.50	882000.00	661500

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude
C	STG		WO	4310.00 11058.00

Factor	Exist Prob	Factor	Exist Prob
Wild/Scenic Protection	0.90	Wildlife Value	0.90
Wild/Scenic Tributary or Upstream/Downstream		Threatened/Endangered Fish	0.90
Wild/Scenic Location	0.90	Threatened/Endangered Wildlife Y	0.75
Cultural Value	0.90	Federal Land Code 103	0.90
Fish Presence Value	0.90	Federal Land Code 104	0.90
Geologic Value	0.90	Federal Land Code 105	0.90
Historic Value	0.90	Federal Land Code 106	0.90
Other Value	0.90	Federal Land Code 107	0.90
Recreation Value	0.90	Federal Land Code 108	0.90
Scenic Value	0.90	Federal Land Code 198	0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 51

FERC Number	Plant Name	Stream	State Name
WY014	BALD RIDGE	CLARKS FORK, YELLOWSTONE R	WY

County Name	River Basin
PARK	YELLOWSTONE RIVER BASIN

Class	Owner Name
F	BUREAU OF RECLAMATION

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
23000.00	0.10	2300.00	157000.00	15700

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	ROR	FR	U	4451.00	10918.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value	Y	0.25
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife	Y	0.50
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104		0.90
Fish Presence Value	Y	0.25	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value	Y	0.25	Federal Land Code 198		0.90
Scenic Value	Y	0.50			

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 52

FERC Number	Plant Name	Stream	State Name
WY015	BEAR TOOTH LAKE	BEAR TOOTH CR, CLARKS FORK	WY

County Name	River Basin
PARK	YELLOWSTONE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
12000.00	0.90	10800.00	65000.00	58500

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	0.00 0.00
C	ROR		WO		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104		0.90
Fish Presence Value		0.90	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value		0.90	Federal Land Code 198		0.90
Scenic Value		0.90			

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 53

FERC Number	Plant Name	Stream	State Name
WY016	BOULDER LAKE	BOULDER CR,NEW FORK R	WY

County Name	River Basin
SUBLETTE	GREEN RIVER BASIN

Class	Owner Name
M	BOULDER IRRIG DIST

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
365.00	0.90	328.50	1935.00	1741.50

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	STG		U	4250.00	10942.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 54

FERC Number	Plant Name	Stream	State Name
WY017	CAMP DAVIS	HOBACK R, SNAKE R	WY

County Name	River Basin
TETON	UPPER SNAKE RIVER BASIN

Class	Owner Name
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NHPS/COE

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
19530.00	0.10	1953.00	52200.00	5220

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4318.00 Longitude 11041.00
C	STG		U		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value	Y	0.25	Federal Land Code 104		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value	Y	0.25	Federal Land Code 108		0.90
Scenic Value	Y	0.50	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 55

FERC Number	Plant Name	Stream	State Name
WY018	COKEVILLE	PINE CR, BEAR R	WY

County Name	River Basin
UINTA	GREAT SALT LAKE BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
9000.00	0.50	4500.00	50000.00	25000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4206.00 11049.00
C	DIV		U		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104	Y	0.50
Fish Presence Value		0.90	Federal Land Code 105		0.90
Geologic Value		0.9	Federal Land Code 106		0.90
Historic Value		0.	Federal Land Code 107		0.90
Other Value		0.	Federal Land Code 108		0.90
Recreation Value		0.9	Federal Land Code 198		0.90
Scenic Value		0.90			

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 56

FERC Number	Plant Name	Stream	State Name
WY019	DU NOIR	WIND R	WY

County Name	River Basin
FREMONT	YELLOWSTONE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
10000.00	0.50	5000.00	30000.00	15000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4338.00 10950.00
C	STG		U		

Factor	Exist Prob	Factor	Exist Prob
Wild/Scenic Protection	0.90	Wildlife Value	0.90
Wild/Scenic Tributary or Upstream/Downstream		Threatened/Endangered Fish	0.90
Wild/Scenic Location	0.90	Threatened/Endangered Wildlife Y	0.50
Cultural Value	0.90	Federal Land Code 103	0.90
Fish Presence Value	0.90	Federal Land Code 104	0.90
Geologic Value	0.90	Federal Land Code 105	0.90
Historic Value	0.90	Federal Land Code 106	0.90
Other Value	0.90	Federal Land Code 107	0.90
Recreation Value	0.90	Federal Land Code 108	0.90
Scenic Value	0.90	Federal Land Code 198	0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 57

FERC Number	Plant Name	Stream	State Name
WY020	GOOSE CREEK	GOOSE CR,TONGUE R	WY

County Name	River Basin
SHERIDAN	YELLOWSTONE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
12000.00	0.10	1200.00	60000.00	6000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude
C	STG		U	4452.00 10720.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value	Y	0.25
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104		0.90
Fish Presence Value	Y	0.25	Federal Land Code 105		0.90
Geologic Value	Y	0.50	Federal Land Code 106		0.90
Historic Value	Y	0.50	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value	Y	0.25	Federal Land Code 198		0.90
Scenic Value	Y	0.50			

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 58

FERC Number	Plant Name	Stream	State Name
WY021	GRANITE CREEK	HOBACK R, SNAKE R	WY

County Name	River Basin
TETON	UPPER SNAKE RIVER BASIN

Class	Owner Name
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NHPS/COE

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
46300.00	0.50	23150.00	94300.00	47150

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4317.00 11030.00
C	STG		WO		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value	Y	0.75	Federal Land Code 104		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value	Y	0.75	Federal Land Code 108		0.90
Scenic Value	Y	0.90	Federal Land Code 198		0.90

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 59

FERC Number	Plant Name	Stream	State Name
WY023	HUNTER MOUNTAIN	CLARKS FORK, YELLOWSTONE R	WY

County Name	River Basin
PARK	YELLOWSTONE RIVER BASIN

Class		Owner Name			
F		BUREAU OF RECLAMATION			
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)	
14400.00	0.10	1440.00	100000.00	10000	
Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	0.00 0.00
C	STG	FR	U		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value	Y	0.25
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife	Y	0.50
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104		0.90
Fish Presence Value	Y	0.25	Federal Land Code 105		0.90
Geologic Value		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value	Y	0.25	Federal Land Code 198		0.90
Scenic Value	Y	0.50			

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 60

FERC Number	Plant Name	Stream	State Name
WY024	ISHAWOOA	S FK SHOSHONE R	WY

County Name	River Basin
PARK	YELLOWSTONE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
45000.00	0.90	40500.00	230000.00	207000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4421.00 10926.00
C	STG		U		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 61

FERC Number	Plant Name	Stream	State Name
WY025	MARTEN CREEK	GREYS R, SNAKE R	WY

County Name	River Basin
LINCOLN	UPPER SNAKE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
6600.00	0.10	660.00	40000.00	4000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4244.00 11041.00
C	ROR		U		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value	Y	0.25
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value	Y	0.25	Federal Land Code 104		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value	Y	0.25	Federal Land Code 108		0.90
Scenic Value	Y	0.50	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 62

FERC Number	Plant Name	Stream	State Name
WY026	PARKVIEW HILL	N PLATTE R	WY

County Name	River Basin
CARBON	PLATTE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
20000.00	0.50	10000.00	89000.00	44500

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4124.00
C	ROR		U	Longitude	10647.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife Y		0.50
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 63

FERC Number	Plant Name	Stream	State Name
WY027	RAMSHORN	HOBACK R, SNAKE R	WY

County Name	River Basin
TETON	UPPER SNAKE RIVER BASIN

Class	Owner Name
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NHPS/COE

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
24180.00	0.10	2418.00	64000.00	6400

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude
C	ROR		U	4317.00 11038.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value	Y	0.25	Federal Land Code 104		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value	Y	0.25	Federal Land Code 108		0.90
Scenic Value	Y	0.50	Federal Land Code 198		0.90

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 64

FERC Number	Plant Name	Stream	State Name
WY028	ROCKWOOD	TONGUE R	WY

County Name	River Basin
SHERIDAN	YELLOWSTONE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
60000.00	0.50	30000.00	320000.00	160000

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4453.00
C	ROR		WO	Longitude	10726.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value	Y	0.75
Wild/Scenic Tributary or			Threatened/Endangered Fish		0.90
Upstream/Downstream			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value		0.90	Federal Land Code 104		0.90
Fish Presence Value	Y	0.75	Federal Land Code 105		0.90
Geologic Value	Y	0.90	Federal Land Code 106		0.90
Historic Value	Y	0.75	Federal Land Code 107		0.90
Other Value		0.90	Federal Land Code 108		0.90
Recreation Value	Y	0.75	Federal Land Code 198		0.90
Scenic Value	Y	0.90			

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 65

FERC Number	Plant Name	Stream	State Name
WY029	SHERIDAN	S TONGUE R	WY

County Name	River Basin
SHERIDAN	YELLOWSTONE RIVER BASIN

Class	Owner Name
F	BUREAU OF RECLAMATION

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
25000.00	0.10	2500.00	92000.00	9200

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4448.00 10728.00
C	ROR	FR	U		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value	Y	0.25
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value	Y	0.25	Federal Land Code 104		0.90
Geologic Value	Y	0.50	Federal Land Code 105		0.90
Historic Value	Y	0.50	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value	Y	0.25	Federal Land Code 108		0.90
Scenic Value	Y	0.50	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 66

FERC Number	Plant Name	Stream	State Name
WY030	SLIDE	GROS VENTRE R, SNAKE R	WY

County Name	River Basin
TETON	UPPER SNAKE RIVER BASIN

Class	Owner Name
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NHPS/COE

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
3500.00	0.10	350.00	12000.00	1200

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	DIV		U	4338.00	11035.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value	Y	0.25	Federal Land Code 104		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value	Y	0.25	Federal Land Code 108		0.90
Scenic Value	Y	0.50	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 67

FERC Number	Plant Name	Stream	State Name
WY031	SOUTH FORK	S FK SHOSHONE R	WY

County Name	River Basin
PARK	YELLOWSTONE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
25000.00	0.90	22500.00	135000.00	121500

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	STG		U	4422.00	10926.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 68

FERC Number	Plant Name	Stream	State Name
WY032	SUNLIGHT	SUNLIGHT CR, CLARKS FORK	WY

County Name	River Basin
PARK	YELLOWSTONE RIVER BASIN

Class	Owner Name			
F	BUREAU OF RECLAMATION			
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
14900.00	0.90	13410.00	112000.00	100800

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4447.00
C	STG	FR	U	Longitude	10930.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location	0.90		Threatened/Endangered Wildlife		0.90
Cultural Value	0.90		Federal Land Code 103		0.90
Fish Presence Value	0.90		Federal Land Code 104		0.90
Geologic Value	0.90		Federal Land Code 105		0.90
Historic Value	0.90		Federal Land Code 106		0.90
Other Value	0.90		Federal Land Code 107		0.90
Recreation Value	0.90		Federal Land Code 108		0.90
Scenic Value	0.90		Federal Land Code 198		0.90

2 of 2

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 69

FERC Number	Plant Name	Stream	State Name
WY034	THERMOPOLIS	BIGHORN R	WY

County Name	River Basin
HOT SPRINGS	YELLOWSTONE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
50000.00	0.90	45000.00	200000.00	180000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	0.00 0.00
C	ROR		U		

Factor	Exist Prob	Factor	Exist Prob
Wild/Scenic Protection	0.90	Wildlife Value	0.90
Wild/Scenic Tributary or Upstream/Downstream		Threatened/Endangered Fish	0.90
Wild/Scenic Location	0.90	Threatened/Endangered Wildlife	0.90
Cultural Value	0.90	Federal Land Code 103	0.90
Fish Presence Value	0.90	Federal Land Code 104	0.90
Geologic Value	0.90	Federal Land Code 105	0.90
Historic Value	0.90	Federal Land Code 106	0.90
Other Value	0.90	Federal Land Code 107	0.90
Recreation Value	0.90	Federal Land Code 108	0.90
Scenic Value	0.90	Federal Land Code 198	0.90

R E S O U R C E D A T A B A S E L I S T I N G

DATE: 10/06/93

PAGE NO: 70

FERC Number	Plant Name	Stream	State Name
WY035	THIEF CREEK	CLARKS FORK, YELLOWSTONE R	WY

County Name	River Basin
PARK	YELLOWSTONE RIVER BASIN

Class		Owner Name	
F		BUREAU OF RECLAMATION	
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)
125200.00	0.10	12520.00	510000.00
		PESF Annual Energy Rating (MWh)	
		51000	
Unit Type	Plant Type	Project Status	Dam Status
C	ROR	FR	U
		Latitude	0.00
		Longitude	0.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value	Y	0.25
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife	Y	0.50
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value	Y	0.25	Federal Land Code 104		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value	Y	0.25	Federal Land Code 108		0.90
Scenic Value	Y	0.50	Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 71

FERC Number	Plant Name	Stream	State Name
WY036	WAPITI	N FK SHOSHONE R	WY

County Name	River Basin
PARK	YELLOWSTONE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
65000.00	0.90	58500.00	330000.00	297000

Unit Type	Plant Type	Project Status	Dam Status	Latitude 4423.00 Longitude 10928.00
C	ROR		U	

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location	0.90		Threatened/Endangered Wildlife		0.90
Cultural Value	0.90		Federal Land Code 103		0.90
Fish Presence Value	0.90		Federal Land Code 104		0.90
Geologic Value	0.90		Federal Land Code 105		0.90
Historic Value	0.90		Federal Land Code 106		0.90
Other Value	0.90		Federal Land Code 107		0.90
Recreation Value	0.90		Federal Land Code 108		0.90
Scenic Value	0.90		Federal Land Code 198		0.90

RESOURCE DATABASE LISTING

DATE: 10/06/93

PAGE NO: 72

FERC Number	Plant Name	Stream	State Name
WY037	KANE	BIGHORN R	WY

County Name	River Basin
BIG HORN	YELLOWSTONE RIVER BASIN

Class	Owner Name
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Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
30000.00	0.90	27000.00	150000.00	135000

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4427.00
C	STG		U	Longitude	10932.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value		0.90
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value		0.90	Federal Land Code 103		0.90
Fish Presence Value		0.90	Federal Land Code 104		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value		0.90	Federal Land Code 107		0.90
Recreation Value		0.90	Federal Land Code 108		0.90
Scenic Value		0.90	Federal Land Code 198		0.90

DATE

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4 / 1 / 94

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