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U.S. Hydropower Resource Assessment for Nebraska

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ABSTRACT

The U.S. Department of Energy is developing an estimate of the undeveloped hydropower potential in the United States. The Hydropower Evaluation Software (HES) is a computer model that was developed by the Idaho National Engineering Laboratory for this purpose. HES measures the undeveloped 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 menu-driven program 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 describes the resource assessment results for the State of Nebraska.

ACKNOWLEDGMENTS

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U.S. Hydropower Resource Assessment for Nebraska

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 undeveloped hydropower resources were not well defined. As a result, the Department of Energy established an interagency Hydropower Resource Assessment Team to ascertain the undeveloped 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 conventional hydropower potential in over 30 states. This report presents the results of the hydropower resource assessment for the State of Nebraska. Undeveloped pumped storage hydropower potential is not included.

The HES was developed as a tool to measure undeveloped hydropower potential regionally or by state. The software is not intended to provide precise development factors for individual sites, but to provide regional or state 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 undeveloped hydropower potential totals. The information for the resource assessment was compiled from the Federal Energy Regulatory Commission's Hydroelectric Power Resources 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-10430.1, the *Status Report* (Conner, Francfort, Rinehart 1996) for an overview of all resource assessment activities to date.

Model Development

Hydropower Evaluation Software, both a probability-factor computer model and a database, is a menu-driven program 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. The suitability factors are dependent on the unique environmental attributes of each 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) if there are no environmental concerns, there is no negative effect on the likelihood of site development (for a suitability factor of 0.9). A combination of attributes can result in a lower suitability factor because multiple environmental considerations would 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 sites with undeveloped hydropower potential in the United States for use as a planning tool to determine the viable national hydropower potential. Undeveloped hydropower potential is not limited to the development of new sites; it also includes the development of additional hydropower-generating capacity at sites that currently have hydropower, but are not developed to their full potential. This undeveloped hydropower potential is a source of nonpolluting, renewable energy available to meet the growing power needs of the United States. The HES should help make this goal obtainable and ensure a set of uniform criteria for national assessment.

Dam Status

The effects of environmental attributes vary by dam status. The dam status classifications used are as follows:

W = Developed hydropower site with current power generation, but the total hydropower potential has not been fully developed. Only the undeveloped hydropower potential is discussed in this report.

W/O = Developed site without current power generation. The site has some type of developed impoundment or diversion structure, but no developed hydropower generating capability.

U = Undeveloped site. The site does not have power generation capability nor a developed impoundment or diversion structure.

ASSESSMENT RESULTS

Summary Results

A total of 45 sites (Table 1) have been identified and assessed for their undeveloped hydropower potential. The HES results for individual site capacities range from 50 kilowatts (kW) to 22 megawatts (MW). The majority of the sites (53%) have potential capacities of less than 1 MW (Figure 1).

The nonmodeled undeveloped hydropower potential total for Nebraska was identified as 345 MW. The HES results lower this estimate about 57% to 149 MW. The greatest reduction in undeveloped hydropower potential, by MW, occurs at sites with no current power generation capability nor impoundment or diversion structure in place (undeveloped category). These sites have an HES-modeled undeveloped hydropower potential of 59 MW, a 123-MW reduction in the estimated undeveloped hydropower potential (Figure 2). Figure 3 shows the developed sites with power have the largest average undeveloped hydropower potential of 9 MW per site. Figure 4 illustrates the competing interests of electric generation, agriculture, and wildlife. Figure 5 shows the Jeffrey Canyon hydropower plant, which is on the Central Nebraska Public Power and Irrigation District System.

The 45 identified sites are located within 4 major river basins. The number of sites per major river basin ranges from 1 in the Missouri Main Stream River Basin to 17 in the Platte River Basin (Figure 6). The Platte River Basin has the most undeveloped hydropower potential (91 MW) of the Nebraska river basins (Figure 7). It should be noted that the Platte River Basin reports to having only 3 sites to develop in order to obtain 53% (48 MW) of the undeveloped hydropower capacity for that river basin.

Table 1. Undeveloped hydropower potential summary for Nebraska. The table contains the nonmodeled undeveloped nameplate potential and the HES-modeled undeveloped hydropower potential totals.

	Number of projects	Nameplate potential (MW)	HES-modeled potential (MW)
With Power	3	46.1	28.1
W/O Power	23	116.6	61.7
Undeveloped	19	182.2	58.8
State Total	45	344.9	148.6

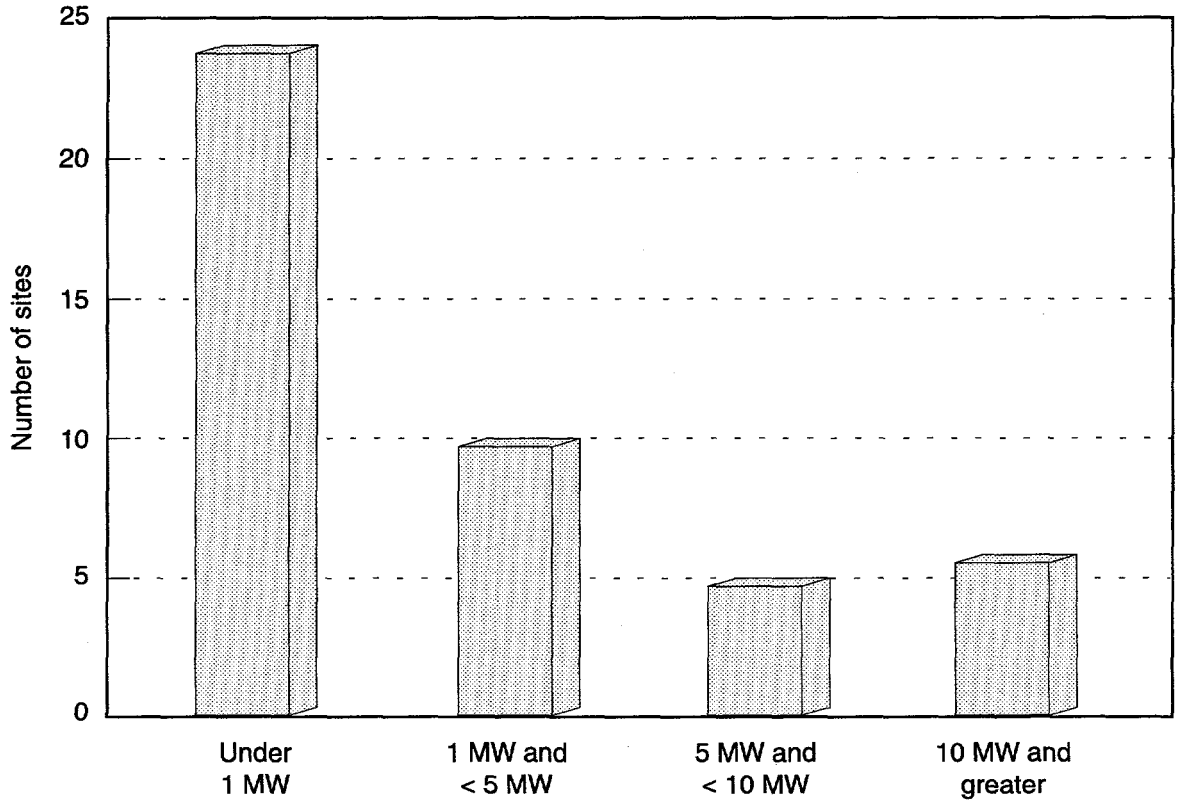

Figure 1. Number of sites, by capacity groups, with HES-modeled undeveloped hydropower potential.

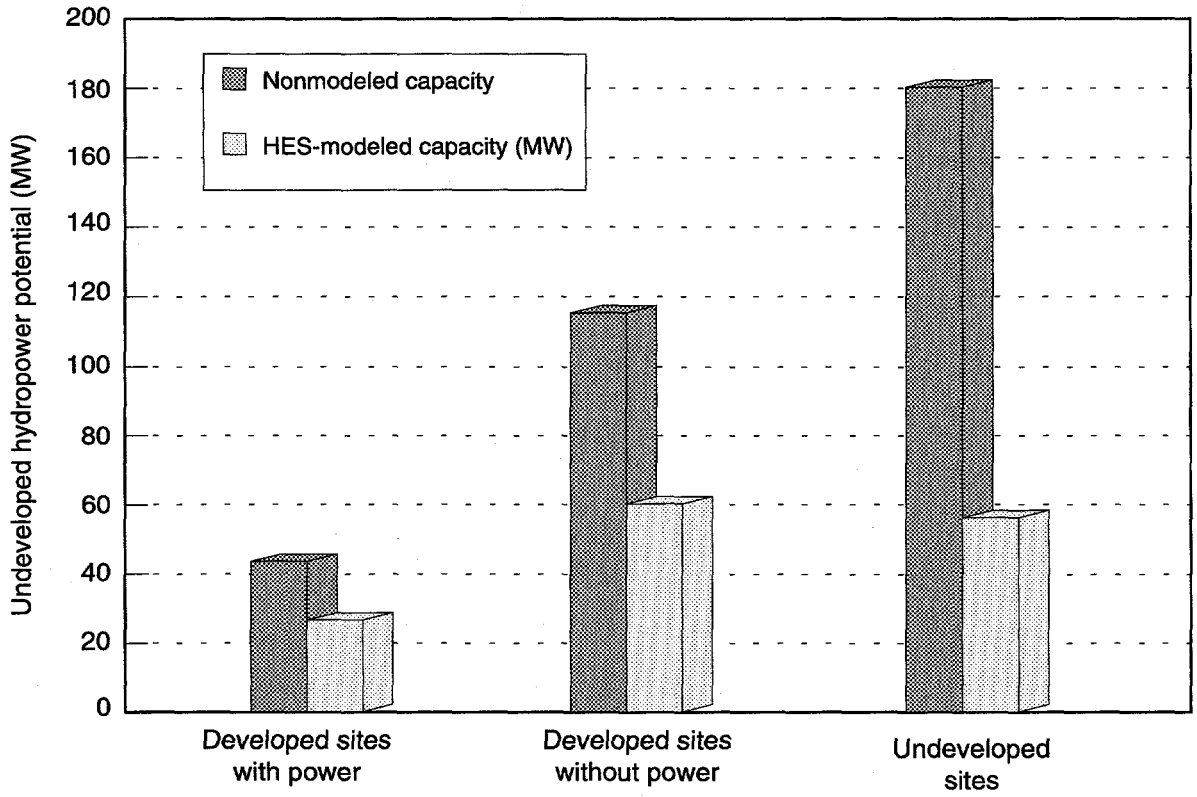

Figure 2. The nonmodeled and HES-modeled undeveloped hydropower potential.

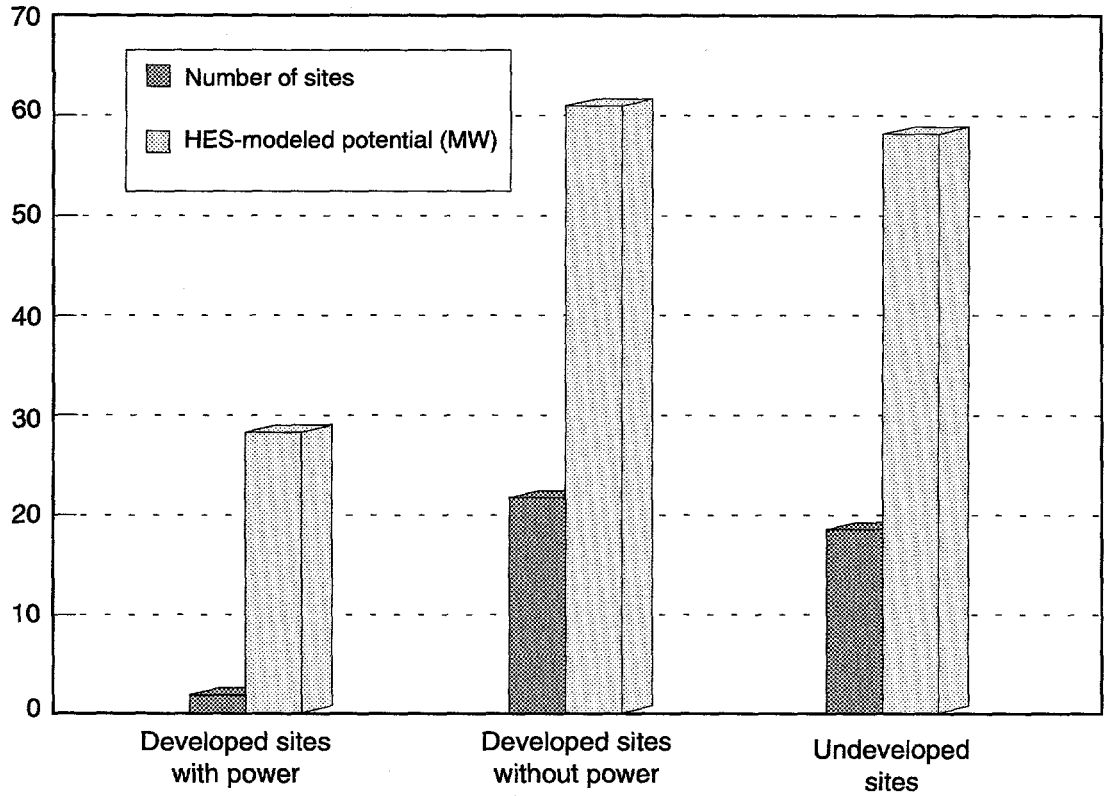

Figure 3. The number of sites with undeveloped hydropower potential and the total megawatts of HES-modeled undeveloped hydropower potential.

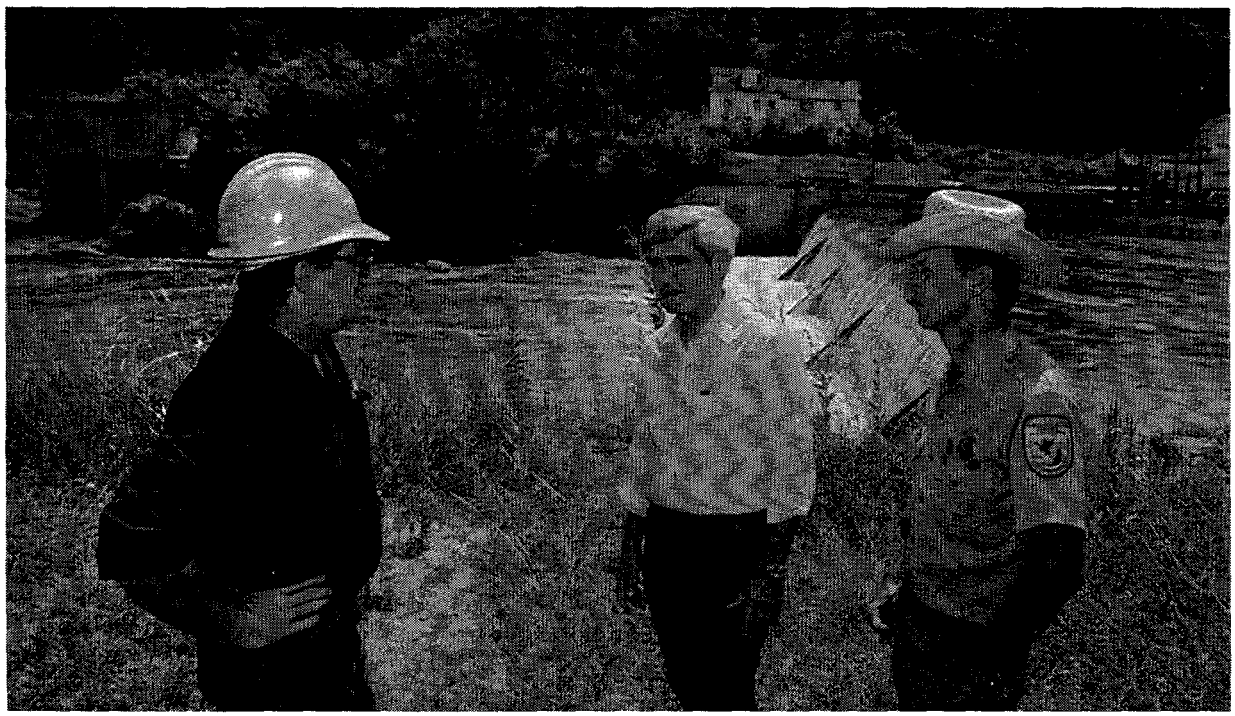

Figure 4. The dam in the background represents the many sites in Nebraska with small-scale hydropower potential. Water resource use requires balancing electric generation, agriculture, and wildlife requirements.

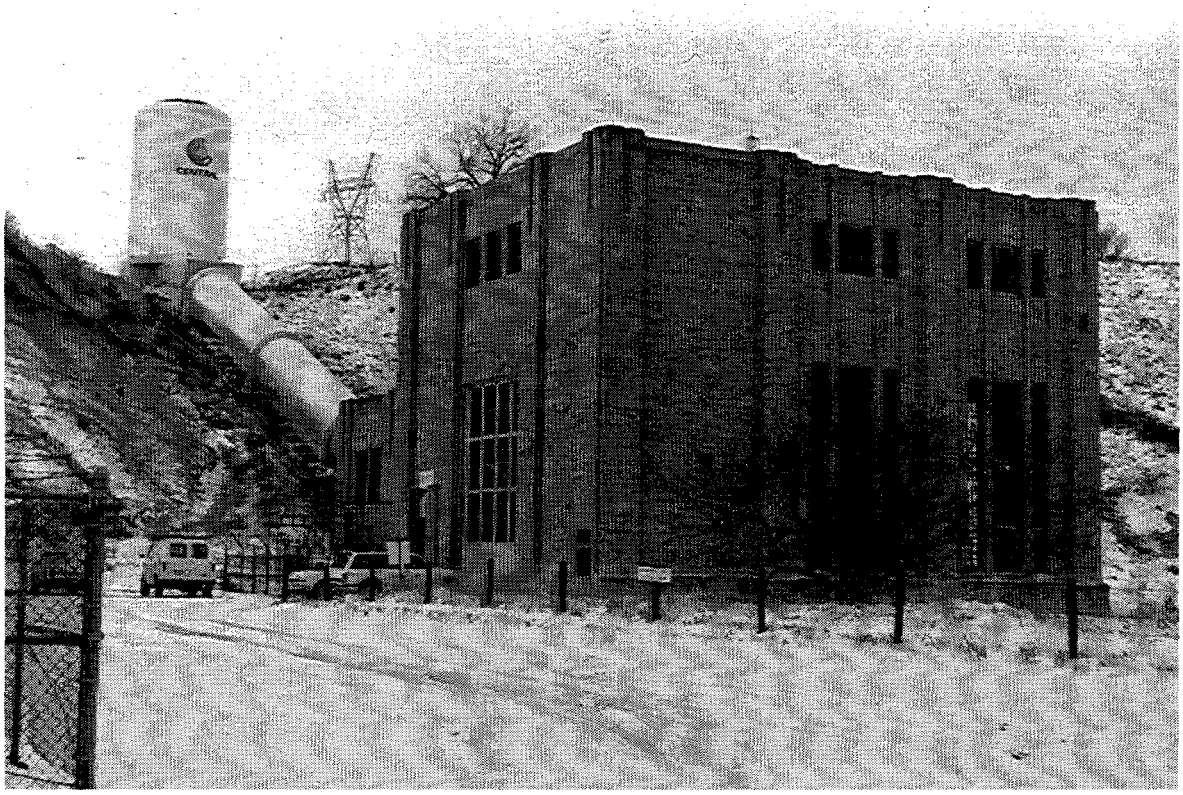

Figure 5. This hydropower plant, at Jeffrey Canyon, is on the Central Nebraska Public Power and Irrigation District System. This canal system was built in the 1930s, primarily as an irrigation project for the Platte River Valley.

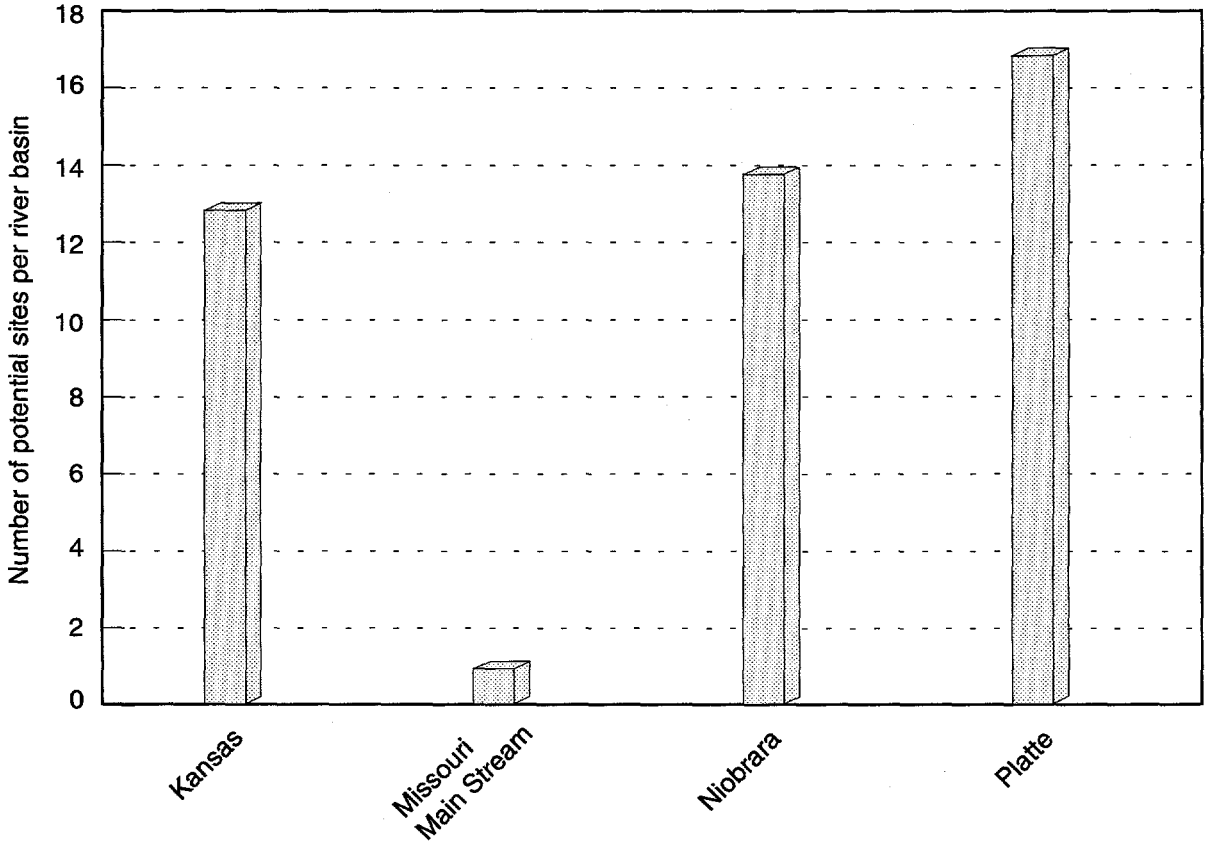

Figure 6. Number of sites with undeveloped hydropower potential in the Nebraska river basins.

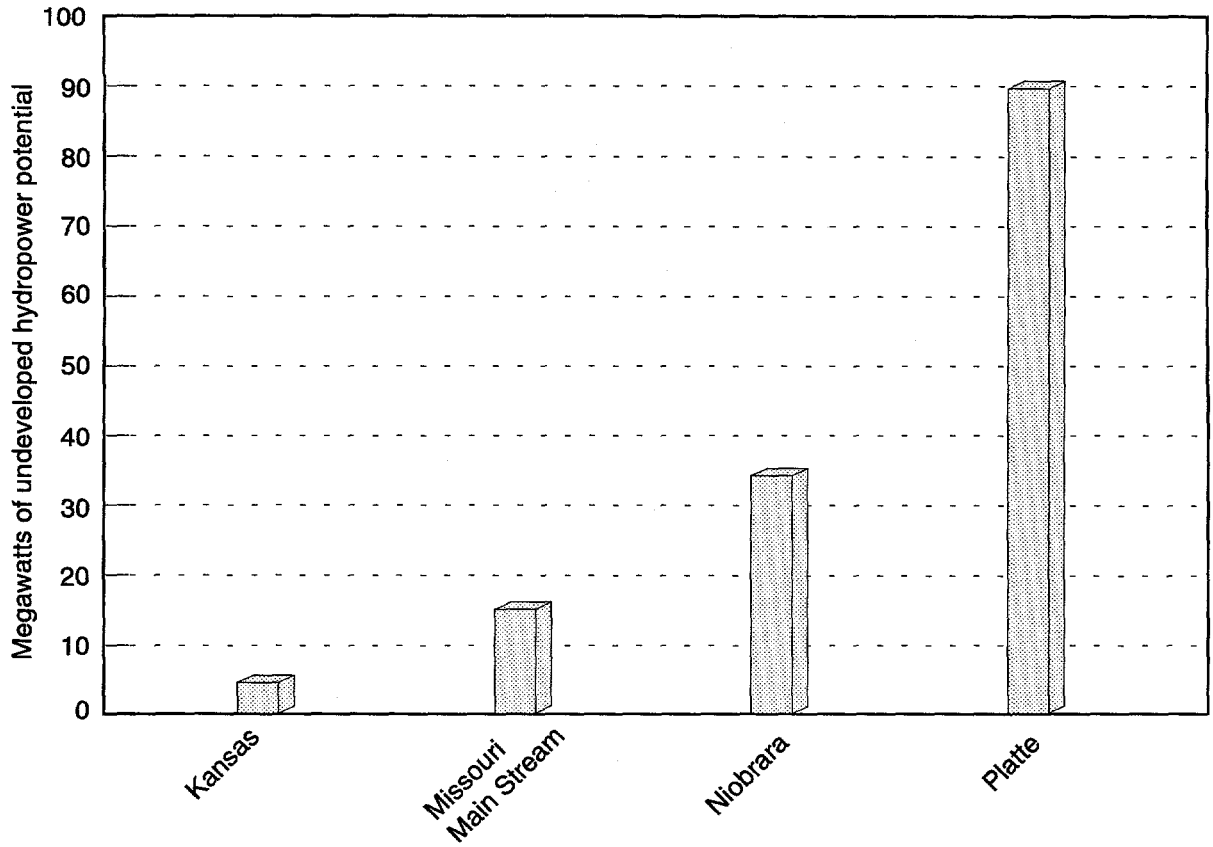

Figure 7. Megawatts of HES-modeled undeveloped hydropower potential in the Nebraska river basins.

DETAILED RESULTS

The appendices contain, in the form of HES-generated reports, detailed information about the undeveloped hydropower potential in Nebraska. The appendices contain the following information:

Appendix A summarizes the undeveloped hydropower potential by dam status groups. The number of sites, nonmodeled undeveloped hydropower potential, and HES-modeled undeveloped hydropower potential is provided based on the dam status.

Appendix B provides the hydropower resource assessment by river basin, which includes the project number, project name, stream name, dam status, nonmodeled undeveloped hydropower potential, and the HES-modeled undeveloped hydropower potential for each of the individual sites. Subtotals are provided for each river basin.

Appendix C provides the hydropower resource assessment by FERC number, which includes the project numbers, plant name, stream name, if a site is Federally owned, nonmodeled undeveloped hydropower potential, and HES-modeled undeveloped hydropower potential. The sites are grouped by dam status.

Appendix D contains a resource database list for each of the 45 sites in Nebraska. Information includes plant name, stream, state, county, river basin and owner names, project number, nameplate and HES-modeled undeveloped hydropower potential, the unit and plant types, dam status, latitude, longitude, and the environmental factors that the HES uses to determine the project environmental suitability factor.

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 authors or 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., EST.

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ADDITIONAL HYDROPOWER EVALUATION SOFTWARE INFORMATION

Additional information concerning the HES 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.

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(208) 526-1002

Jim Francfort
Idaho National Engineering and Environmental Laboratory
P.O. Box 1625, MS 3830
Idaho Falls, ID 83415-3830
(208) 526-6787

Information concerning the State of Nebraska's involvement with the resource assessment or about the identified sites may be obtained by contacting:

Kirk Conger
State of Nebraska
Nebraska Energy Office
P.O. Box 95085
Lincoln, NE 68509-5085
(402) 471-2867

a. This work was performed under contract at the Idaho National Engineering Laboratory, with assistance from the State of Nebraska. In January 1997, the name of the INEL was changed to the Idaho National Engineering and Environmental Laboratory (INEEL). INEL will be used on the title page until a new INEEL logo and cover is designed. INEEL will be used throughout the text of the document, except where use of INEL is historically important (for example, p. 1).

REFERENCES

Conner, A. M., J. E. Francfort, and B. N. Rinehart, 1996, *Uniform Criteria for U.S. Hydropower Resource Assessment, Hydropower Evaluation Software Status Report-II*, DOE/ID 10430.1, Idaho National Engineering Laboratory, Idaho Falls, Idaho.

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.

Appendix A
Summary Report

DATE: 02/04/97

HYDROPOWER CAPACITY SUMMARY

State	Category	Number of Projects	Name Plate Capacity (KW)	HES Adjusted Capacity (KW)
NE	With Power	3	46100	28050
	W/O Power	23	116563	61700.50
	Undeveloped	19	182150	58805
	STATE TOTAL	45	344813	148555.50
TOTALS	With Power	3	46100	28050
	W/O Power	23	116563	61700.50
	Undeveloped	19	182150	58805
GRAND TOTAL		45	344813	148555.50

Appendix B
River Basins Report

HYDROPOWER RESOURCE ASSESSMENT BY RIVER BASIN

FERC Number	Plant Name/ Stream	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** River Basin KANSAS RIVER BASIN					
NE037	BARNESTON BIG BLUE R	W	2000.00	0.75	1500.00
04109	MUNICIPAL LITTLE BLUE R	WO	300.00	0.75	225.00
NE001	BLUE SPRINGS 2 BIG BLUE R	WO	418.00	0.50	209.00
NE009	HOLMESVILLE BIG BLUE R	WO	580.00	0.50	290.00
NE002	CRETE BIG BLUE R	WO	300.00	0.50	150.00
04328	PAPER MILL DAM BIG BLUE R	WO	500.00	0.50	250.00
NE005	DEWITT BIG BLUE R	WO	390.00	0.50	195.00
NE033	WILBER BIG BLUE R	WO	260.00	0.50	130.00
NE028	SHADY TRAIL W FK BIG BLUE R	WO	135.00	0.50	67.50
NE027	SEWARD 2 W FK BIG BLUE R	WO	270.00	0.50	135.00
09514	HARLAN COUNTY REPUBLICAN R	WO	2400.00	0.50	1200.00
03584	SWANSON RESERVIOR REPUBLICAN R	WO	1800.00	0.50	900.00
NE036	ENDERS DAM FRENCHMAN CREEK	WO	100.00	0.50	50.00
** Subtotal **			9453.00		5301.50
** River Basin MISSOURI MAIN STREAM					
NE008	GAVINS POINT MISSOURI R	WO	33300.00	0.50	16650.00

HYDROPOWER RESOURCE ASSESSMENT BY RIVER BASIN

FERC Number	Plant Name/ Stream	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** Subtotal **			33300.00		16650.00
** River Basin NIOBRARA RIVER BASIN					
NE024	REDBIRD NIOBRARA R	U	11500.00	0.10	1150.00
NE021	PHOENIX 1 NIOBRARA R	U	8500.00	0.10	850.00
NE022	PHOENIX 2 NIOBRARA R	U	9400.00	0.10	940.00
NE020	OTTER CREEK NIOBRARA R	U	11000.00	0.10	1100.00
NE015	MEADOWVILLE NIOBRARA R	U	9100.00	0.10	910.00
NE025	RESERVOIR 5 NIOBRARA R	U	5400.00	0.10	540.00
NE030	SPARKS NIOBRARA R	U	5400.00	0.10	540.00
NE017	NIOBRARA 3 NIOBRARA R	WO	0.00	0.50	0.00
NE031	SPENCER DAM NIOBRARA R	WO	14500.00	0.50	7250.00
NE013	LONG PINE LONG PINE CREEK	WO	21000.00	0.50	10500.00
NE018	NORDEN NIOBRARA R	WO	22000.00	0.50	11000.00
NE007	FORT NIOBRARA NIOBRARA R	WO	300.00	0.50	150.00
09964	MERRITT SNAKE RIVER	WO	1200.00	0.10	120.00
NE034	BOX BUTTE (HEMINGFORD) NIOBRARA R	WO	320.00	0.50	160.00

HYDROPOWER RESOURCE ASSESSMENT BY RIVER BASIN

FERC Number	Plant Name/ Stream	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** Subtotal **			119620.00		35210.00
** River Basin PLATTE RIVER BASIN					
NE029	SOUTH BEND PLATTE R	U	27000.00	0.25	6750.00
NE016	NICKERSON MAPLE CREEK	U	5600.00	0.50	2800.00
NE014	MAPLE CREEK MAPLE CREEK	U	5300.00	0.50	2650.00
NE032	WATERLOO PLATTE R	U	11000.00	0.25	2750.00
NE026	ROGERS PLATTE R	U	23100.00	0.25	5775.00
NE003	CUSHING N LOUP R	U	6000.00	0.90	5400.00
NE012	LEES PARK MIDDLE LOUP R	U	6100.00	0.50	3050.00
NE023	PLUM CREEK PLUM CREEK	U	24000.00	0.90	21600.00
NE006	E-65 LAT SYS MEAS FLUME PLATTE R CANAL	U	250.00	0.50	125.00
NE011	JOHNSON LAKE RETURN PLATTE R CANAL	U	2000.00	0.25	500.00
NE010	JOHNSON LAKE INLET PLATTE R CANAL	U	1500.00	0.25	375.00
NE019	NORTH PORT N PLATTE R	U	10000.00	0.10	1000.00
01417	JOHNSON 2 PLATTE R	W	18000.00	0.75	13500.00
01835	NORTH PLATTE N PLATTE R	W	26100.00	0.50	13050.00
NE004	DAVIS CREEK 2 N LOUP R	WO	11000.00	0.90	9900.00

HYDROPOWER RESOURCE ASSESSMENT BY RIVER BASIN

FERC Number	Plant Name/ Stream	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
06213	CALAMUS CALAMUS R	WO	1440.00	0.10	144.00
01835	SUTHERLAND N PLATTE R	WO	4050.00	0.50	2025.00
** Subtotal **			182440.00		91394.00
*** Total ***			344813.00		148555.50

Appendix C
Nebraska Sites List

HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** FERC Number NE003					
CUSHING N LOUP R	NE	U	6000.00	0.90	5400.00
** Subtotal **			6000.00		5400.00
** FERC Number NE006					
E-65 LAT SYS MEAS FLUME PLATTE R CANAL	NE	U	250.00	0.50	125.00
** Subtotal **			250.00		125.00
** FERC Number NE010					
JOHNSON LAKE INLET PLATTE R CANAL	NE	U	1500.00	0.25	375.00
** Subtotal **			1500.00		375.00
** FERC Number NE011					
JOHNSON LAKE RETURN PLATTE R CANAL	NE	U	2000.00	0.25	500.00
** Subtotal **			2000.00		500.00
** FERC Number NE012					
LEES PARK MIDDLE LOUP R	NE	U	6100.00	0.50	3050.00
** Subtotal **			6100.00		3050.00
** FERC Number NE014					
MAPLE CREEK MAPLE CREEK	NE	U	5300.00	0.50	2650.00
** Subtotal **			5300.00		2650.00
** FERC Number NE015					
MEADOWVILLE NIOBRARA R	NE	U	9100.00	0.10	910.00

HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** Subtotal **			9100.00		910.00
** FERC Number NE016					
NICKERSON MAPLE CREEK	NE	U	5600.00	0.50	2800.00
** Subtotal **			5600.00		2800.00
** FERC Number NE019					
NORTH PORT N PLATTE R	NE	U	10000.00	0.10	1000.00
** Subtotal **			10000.00		1000.00
** FERC Number NE020					
OTTER CREEK NIOBRARA R	NE	U	11000.00	0.10	1100.00
** Subtotal **			11000.00		1100.00
** FERC Number NE021					
PHOENIX 1 NIOBRARA R	NE	U	8500.00	0.10	850.00
** Subtotal **			8500.00		850.00
** FERC Number NE022					
PHOENIX 2 NIOBRARA R	NE	U	9400.00	0.10	940.00
** Subtotal **			9400.00		940.00
** FERC Number NE023					
PLUM CREEK PLUM CREEK	NE	U	24000.00	0.90	21600.00
** Subtotal **			24000.00		21600.00

HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** FERC Number NE024					
REDBIRD NIOBRARA R	NE	U	11500.00	0.10	1150.00
** Subtotal **			11500.00		1150.00
** FERC Number NE025					
RESERVOIR 5 NIOBRARA R	NE	U	5400.00	0.10	540.00
** Subtotal **			5400.00		540.00
** FERC Number NE026					
ROGERS PLATTE R	NE	U	23100.00	0.25	5775.00
** Subtotal **			23100.00		5775.00
** FERC Number NE029					
SOUTH BEND PLATTE R	NE	U	27000.00	0.25	6750.00
** Subtotal **			27000.00		6750.00
** FERC Number NE030					
SPARKS NIOBRARA R	NE	U	5400.00	0.10	540.00
** Subtotal **			5400.00		540.00
** FERC Number NE032					
WATERLOO PLATTE R	NE	U	11000.00	0.25	2750.00
** Subtotal **			11000.00		2750.00
** FERC Number 01417					
JOHNSON 2 PLATTE R	NE	W	18000.00	0.75	13500.00

HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** Subtotal **			18000.00		13500.00
** FERC Number 01835					
NORTH PLATTE N PLATTE R	NE	W	26100.00	0.50	13050.00
** Subtotal **			26100.00		13050.00
** FERC Number NE037					
BARNESTON BIG BLUE R	NE	W	2000.00	0.75	1500.00
** Subtotal **			2000.00		1500.00
** FERC Number 01835					
SUTHERLAND N PLATTE R	NE	WO	4050.00	0.50	2025.00
** Subtotal **			4050.00		2025.00
** FERC Number 03584					
SWANSON RESERVIOR REPUBLICAN R	NE	WO	1800.00	0.50	900.00
** Subtotal **			1800.00		900.00
** FERC Number 04109					
MUNICIPAL LITTLE BLUE R	NE	WO	300.00	0.75	225.00
** Subtotal **			300.00		225.00
** FERC Number 04328					
PAPER MILL DAM BIG BLUE R	NE	WO	500.00	0.50	250.00
** Subtotal **			500.00		250.00

HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** FERC Number 06213					
CALAMUS CALAMUS R	NE	WO	1440.00	0.10	144.00
** Subtotal **					
			1440.00		144.00
** FERC Number 09514					
HARLAN COUNTY REPUBLICAN R	NE	WO	2400.00	0.50	1200.00
** Subtotal **					
			2400.00		1200.00
** FERC Number 09964					
MERRITT SNAKE RIVER	NE	WO	1200.00	0.10	120.00
** Subtotal **					
			1200.00		120.00
** FERC Number NE001					
BLUE SPRINGS 2 BIG BLUE R	NE	WO	418.00	0.50	209.00
** Subtotal **					
			418.00		209.00
** FERC Number NE002					
CRETE BIG BLUE R	NE	WO	300.00	0.50	150.00
** Subtotal **					
			300.00		150.00
** FERC Number NE004					
DAVIS CREEK 2 N LOUP R	NE	WO	11000.00	0.90	9900.00
** Subtotal **					
			11000.00		9900.00
** FERC Number NE005					
DEWITT BIG BLUE R	NE	WO	390.00	0.50	195.00

HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** Subtotal **			390.00		195.00
** FERC Number NE007					
FORT NIOBRARA NIOBRARA R	NE	WO	300.00	0.50	150.00
** Subtotal **			300.00		150.00
** FERC Number NE008					
GAVINS POINT MISSOURI R	NE	WO	33300.00	0.50	16650.00
** Subtotal **			33300.00		16650.00
** FERC Number NE009					
HOLMESVILLE BIG BLUE R	NE	WO	580.00	0.50	290.00
** Subtotal **			580.00		290.00
** FERC Number NE013					
LONG PINE LONG PINE CREEK	NE	WO	21000.00	0.50	10500.00
** Subtotal **			21000.00		10500.00
** FERC Number NE017					
NIOBRARA 3 NIOBRARA R	NE	WO	0.00	0.50	0.00
** Subtotal **			0.00		0.00
** FERC Number NE018					
NORDEN NIOBRARA R	NE	WO	22000.00	0.50	11000.00
** Subtotal **			22000.00		11000.00

HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** FERC Number NE027					
SEWARD 2	NE	WO	270.00	0.50	135.00
W FK BIG BLUE R					
** Subtotal **					
			270.00		135.00
** FERC Number NE028					
SHADY TRAIL	NE	WO	135.00	0.50	67.50
W FK BIG BLUE R					
** Subtotal **					
			135.00		67.50
** FERC Number NE031					
SPENCER DAM	NE	WO	14500.00	0.50	7250.00
NIOBRARA R					
** Subtotal **					
			14500.00		7250.00
** FERC Number NE033					
WILBER	NE	WO	260.00	0.50	130.00
BIG BLUE R					
** Subtotal **					
			260.00		130.00
** FERC Number NE034					
BOX BUTTE (HEMINGFORD)	NE	WO	320.00	0.50	160.00
NIOBRARA R					
** Subtotal **					
			320.00		160.00
** FERC Number NE036					
ENDERS DAM	NE	WO	100.00	0.50	50.00
FRENCHMAN CREEK					
** Subtotal **					
			100.00		50.00
*** Total ***					
			344813.00		148555.50

Appendix D
Individual Resource Database List

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

DATE: 02/04/97 PAGE NO: 1

FERC Number	Plant Name	Stream	State Name
01417	JOHNSON 2	PLATTE R	NE

County Name	River Basin
GOSPER	PLATTE RIVER BASIN

Class	Owner Name
M	CENTRAL NEB PUB P & I DIST

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
18000.00	0.75	13500.00	50000.00	37500

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4115.00
				Longitude	10148.00
C	DIV	MO	W		

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

FERC Number	Plant Name	Stream	State Name
01835	NORTH PLATTE	N PLATTE R	NE

County Name	River Basin
LINCOLN	PLATTE RIVER BASIN

Class	Owner Name
M	NEBRASKA PUB PWR DIST

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
26100.00	0.50	13050.00	50000.00	25000

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4102.00
				Longitude	10047.00
C	DIV	MO	W		

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

FERC Number	Plant Name	Stream	State Name
01835	SUTHERLAND	N PLATTE R	NE

County Name	River Basin
LINCOLN	PLATTE RIVER BASIN

Class	Owner Name
M	NEBRASKA PUB PWR DIST

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
4050.00	0.50	2025.00	8000.00	4000

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4106.00
				Longitude	10109.00
C	DIV	MO	WO		

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

FERC Number	Plant Name	Stream	State Name
03584	SWANSON RESERVIOR	REPUBLICAN R	NE

County Name	River Basin
HITCHCOCK	KANSAS 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)
1800.00	0.50	900.00	7500.00	3750

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4010.00
				Longitude	10104.00
C	STG	XX	WO		

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
			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		0.90	Federal Land Code 107		0.90
Other Value	Y	0.75	Federal Land Code 108		0.90
Recreation Value	Y	0.75	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

FERC Number	Plant Name	Stream	State Name
04109	MUNICIPAL	LITTLE BLUE R	NE

County Name	River Basin
JEFFERSON	KANSAS RIVER BASIN

Class	Owner Name
M	FAIRBURY,CITY OF

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
300.00	0.75	225.00	1800.00	1350

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4006.00
				Longitude	9713.00
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 Wild/Scenic Location		0.90	Threatened/Endangered Fish		0.90
Cultural Value		0.90	Threatened/Endangered Wildlife		0.90
Fish Presence Value	Y	0.75	Federal Land Code 103		0.90
Geologic Value		0.90	Federal Land Code 104		0.90
Historic Value		0.90	Federal Land Code 105		0.90
Other Value		0.90	Federal Land Code 106		0.90
Recreation Value		0.90	Federal Land Code 107		0.90
Scenic Value		0.90	Federal Land Code 108		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

FERC Number	Plant Name	Stream	State Name
04328	PAPER MILL DAM	BIG BLUE R	NE

County Name	River Basin
GAGE	KANSAS RIVER BASIN

Class	Owner Name
M	BEATRICE,CITY OF

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
500.00	0.50	250.00	2500.00	1250

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4016.00
				Longitude	9645.00
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 Wild/Scenic Location		0.90	Threatened/Endangered Fish		0.90
Cultural Value		0.90	Threatened/Endangered Wildlife		0.90
Fish Presence Value	Y	0.75	Federal Land Code 103		0.90
Geologic Value		0.90	Federal Land Code 104		0.90
Historic Value		0.90	Federal Land Code 105		0.90
Other Value	Y	0.75	Federal Land Code 106		0.90
Recreation Value		0.90	Federal Land Code 107		0.90
Scenic Value		0.90	Federal Land Code 108		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

FERC Number	Plant Name	Stream	State Name
06213	CALAMUS	CALAMUS R	NE

County Name	River Basin
LOUP	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)
1440.00	0.10	144.00	11640.00	1164

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4150.00
				Longitude	9912.00
C	ROR	XX	WO		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection		0.90	Wildlife Value	Y	0.75
Wild/Scenic Tributary or Upstream/Downstream Wild/Scenic Location		0.90	Threatened/Endangered Fish		0.90
Cultural Value	Y	0.75	Threatened/Endangered Wildlife	Y	0.75
Fish Presence Value	Y	0.75	Federal Land Code 103	Y	0.10
Geologic Value		0.90	Federal Land Code 104	Y	0.90
Historic Value		0.90	Federal Land Code 105		0.90
Other Value		0.90	Federal Land Code 106		0.90
Recreation Value	Y	0.75	Federal Land Code 107		0.90
Scenic Value	Y	0.90	Federal Land Code 108		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

FERC Number	Plant Name	Stream	State Name
09514	HARLAN COUNTY	REPUBLICAN R	NE

County Name	River Basin
HARLAN	KANSAS RIVER BASIN

Class	Owner Name
M	MUNI ENERGY AGENCY OF NE

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
2400.00	0.50	1200.00	5500.00	2750

Unit Type	Plant Type	Project Status	Dam Status		
C	STG	XX	WO	Latitude	4004.00
				Longitude	9913.00

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

FERC Number	Plant Name	Stream	State Name
09964	MERRITT	SNAKE RIVER	NE

County Name	River Basin
CHERRY	NIOBRARA RIVER BASIN

Class	Owner Name
M	AINSWORTH IRRIG DIST

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
1200.00	0.10	120.00	7360.00	736

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4238.00
				Longitude	10052.00
C	STG	XX	WO		

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
			Threatened/Endangered Wildlife		0.90
Wild/Scenic Location		0.90	Federal Land Code 103	Y	0.10
Cultural Value		0.90	Federal Land Code 104	Y	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			

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

FERC Number	Plant Name	Stream	State Name
NE001	BLUE SPRINGS 2	BIG BLUE R	NE

County Name	River Basin
GAGE	KANSAS RIVER BASIN

Class	Owner Name
P	ROLAND,DORN

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
418.00	0.50	209.00	1200.00	600

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4010.00
				Longitude	9642.00
C	ROR		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
			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		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value	Y	0.75	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

FERC Number	Plant Name	Stream	State Name
NE002	CRETE	BIG BLUE R	NE

County Name	River Basin
GAGE	KANSAS RIVER BASIN

Class	Owner Name
M	CRETE,CITY OF/NE MUN PP

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
300.00	0.50	150.00	1000.00	500

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4035.00
				Longitude	9659.00
C	ROR		WO		

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

FERC Number	Plant Name	Stream	State Name
NE003	CUSHING	N LOUP R	NE

County Name	River Basin
HOWARD	PLATTE RIVER BASIN

Class	Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
6000.00	0.90	5400.00	19000.00	17100

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4116.00
				Longitude	9836.00
C	ROR		U		

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

FERC Number	Plant Name	Stream	State Name
NE004	DAVIS CREEK 2	N LOUP R	NE

County Name	River Basin
HOWARD	PLATTE RIVER BASIN

Class	Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
11000.00	0.90	9900.00	21000.00	18900

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4123.00 9842.00
C	ROR		WO		

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

FERC Number	Plant Name	Stream	State Name
NE005	DEWITT	BIG BLUE R	NE

County Name	River Basin
GAGE	KANSAS RIVER BASIN

Class	Owner Name
M	ZWONECHEK,JOHN D/NE MUN

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
390.00	0.50	195.00	1150.00	575

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4030.00
C	ROR		WO	Longitude	9701.00

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

FERC Number	Plant Name	Stream	State Name
NE006	E-65 LAT SYS MEAS FLUME	PLATTE R CANAL	NE

County Name	River Basin
DAWSON	PLATTE RIVER BASIN

Class	Owner Name
M	CENTRAL NEB PUB P & I DIST

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
250.00	0.50	125.00	1000.00	500

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4036.00
				Longitude	9956.00
C	DIV		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
			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	Y	0.50	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

FERC Number	Plant Name	Stream	State Name
NE007	FORT NIOBRARA	NIOBRARA R	NE

County Name	River Basin
CHERRY	NIOBRARA RIVER BASIN

Class	Owner Name
F	US FISH & WILDLIFE SERVICE

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
300.00	0.50	150.00	1700.00	850

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4254.00
				Longitude	10029.00
C	ROR		WO		

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

FERC Number	Plant Name	Stream	State Name
NE008	GAVINS POINT	MISSOURI R	NE

County Name	River Basin
KNOX	MISSOURI MAIN STREAM

Class	Owner Name
F	CORPS OF ENGINEERS

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
33300.00	0.50	16650.00	100000.00	50000

Unit Type	Plant Type	Project Status	Dam Status		
C	ROR		WO	Latitude	4251.00
				Longitude	9729.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection	Y	0.50	Wildlife Value	Y	0.75
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
			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		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		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

FERC Number	Plant Name	Stream	State Name
NE009	HOLMESVILLE	BIG BLUE R	NE

County Name	River Basin
GAGE	KANSAS RIVER BASIN

Class	Owner Name
M	CUNNING ROBERT L/NE PUB P

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
580.00	0.50	290.00	1700.00	850

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4035.00
				Longitude	9658.00
C	ROR		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
			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		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value	Y	0.75	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

FERC Number	Plant Name	Stream	State Name
NE010	JOHNSON LAKE INLET	PLATTE R CANAL	NE

County Name	River Basin
GOSPER	PLATTE RIVER BASIN

Class	Owner Name
M	CENTRAL NEB PUB P & I DIST

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
1500.00	0.25	375.00	4000.00	1000

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4041.00
				Longitude	9951.00
C	ROR		U		

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

FERC Number	Plant Name	Stream	State Name
NE011	JOHNSON LAKE RETURN	PLATTE R CANAL	NE

County Name	River Basin
GOSPER	PLATTE RIVER BASIN

Class	Owner Name
M	CENTRAL NEB PUB P & I DIST

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
2000.00	0.25	500.00	4000.00	1000

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4115.00
				Longitude	10148.00
C	ROR		U		

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

FERC Number	Plant Name	Stream	State Name
NE012	LEES PARK	MIDDLE LOUP R	NE

County Name	River Basin
CUSTER	PLATTE RIVER BASIN

Class	Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
6100.00	0.50	3050.00	30000.00	15000

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4126.00
				Longitude	9913.00
C	ROR		U		

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

FERC Number	Plant Name	Stream	State Name
NE013	LONG PINE	LONG PINE CREEK	NE

County Name	River Basin
ROCK	NIOBRARA RIVER BASIN

Class	Owner Name
M	CONSUMERS PUB PWR DIST

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
21000.00	0.50	10500.00	46000.00	23000

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4236.00
				Longitude	9938.00
C	ROR		WO		

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

FERC Number	Plant Name	Stream	State Name
NE014	MAPLE CREEK	MAPLE CREEK	NE

County Name	River Basin
DODGE	PLATTE RIVER BASIN

Class	Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
5300.00	0.50	2650.00	22000.00	11000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4032.00 9641.00
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
			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	Y	0.50	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

FERC Number	Plant Name	Stream	State Name
NE015	MEADOWVILLE	NIOBRARA R	NE

County Name	River Basin
KEYA PAHA	NIOBRARA RIVER BASIN

Class	Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
9100.00	0.10	910.00	43000.00	4300

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4247.00
				Longitude	9951.00
C	ROR		U		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection	Y	0.10	Wildlife Value	Y	0.25
Wild/Scenic Tributary or Upstream/Downstream Wild/Scenic Location		0.90	Threatened/Endangered Fish		0.90
Cultural Value	Y	0.50	Threatened/Endangered Wildlife	Y	0.50
Fish Presence Value	Y	0.25	Federal Land Code 103		0.90
Geologic Value	Y	0.50	Federal Land Code 104		0.90
Historic Value	Y	0.50	Federal Land Code 105		0.90
Other Value	Y	0.50	Federal Land Code 106		0.90
Recreation Value	Y	0.25	Federal Land Code 107		0.90
Scenic Value	Y	0.50	Federal Land Code 108		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

FERC Number	Plant Name	Stream	State Name
NE016	NICKERSON	MAPLE CREEK	NE

County Name	River Basin
DODGE	PLATTE RIVER BASIN

Class	Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
5600.00	0.50	2800.00	23000.00	11500

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4032.00
				Longitude	9641.00
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
			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	Y	0.50	Federal Land Code 108		0.90
Recreation Value		0.90	Federal Land Code 198		0.90
Scenic VScenic 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

FERC Number	Plant Name	Stream	State Name
NE017	NIOBRARA 3	NIOBRARA R	NE

County Name	River Basin
KNOX	NIOBRARA RIVER BASIN

Class	Owner Name
F	CORPS OF ENGINEERS

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
0.00	0.50	0.00	160000.00	80000

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4245.00
				Longitude	9801.00
C	CMB		WO		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection	Y	0.50	Wildlife Value	Y	0.75
Wild/Scenic Tributary or Upstream/Downstream Wild/Scenic Location		0.90	Threatened/Endangered Fish		0.90
Cultural Value	Y	0.75	Threatened/Endangered Wildlife	Y	0.75
Fish Presence Value	Y	0.75	Federal Land Code 103		0.90
Geologic Value	Y	0.90	Federal Land Code 104		0.90
Historic Value	Y	0.75	Federal Land Code 105		0.90
Other Value	Y	0.75	Federal Land Code 106		0.90
Recreation Value	Y	0.75	Federal Land Code 107		0.90
Scenic Value	Y	0.90	Federal Land Code 108		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

FERC Number	Plant Name	Stream	State Name
NE018	NORDEN	NIOBRARA R	NE

County Name	River Basin
BROWN	NIOBRARA 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)
22000.00	0.50	11000.00	70100.00	35050

Unit Type	Plant Type	Project Status	Dam Status		
C	STG		WO	Latitude	4228.00
				Longitude	10000.00

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection	Y	0.50	Wildlife Value	Y	0.75
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
			Threatened/Endangered Wildlife	Y	0.75
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value	Y	0.75	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	Y	0.75	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

FERC Number	Plant Name	Stream	State Name
NE019	NORTH PORT	N PLATTE R	NE

County Name	River Basin
MORRILL	PLATTE RIVER BASIN

Class Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
10000.00	0.10	1000.00	49000.00	4900

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4140.00
				Longitude	10306.00
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 Wild/Scenic Location		0.90	Threatened/Endangered Fish		0.90
Cultural Value		0.90	Threatened/Endangered Wildlife		0.90
Fish Presence Value	Y	0.25	Federal Land Code 103		0.90
Geologic Value		0.90	Federal Land Code 104		0.90
Historic Value		0.90	Federal Land Code 105		0.90
Other Value	Y	0.50	Federal Land Code 106		0.90
Recreation Value		0.90	Federal Land Code 107		0.90
Scenic Value		0.90	Federal Land Code 108		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

FERC Number	Plant Name	Stream	State Name
NE020	OTTER CREEK	NIOBRARA R	NE

County Name	River Basin
HOLT	NIOBRARA RIVER BASIN

Class	Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
11000.00	0.10	1100.00	66000.00	6600

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4246.00 9826.00
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 Wild/Scenic Location	Y	0.50	Threatened/Endangered Fish		0.90
Cultural Value	Y	0.50	Threatened/Endangered Wildlife	Y	0.50
Fish Presence Value	Y	0.25	Federal Land Code 103		0.90
Geologic Value	Y	0.50	Federal Land Code 104		0.90
Historic Value	Y	0.50	Federal Land Code 105		0.90
Other Value	Y	0.50	Federal Land Code 106		0.90
Recreation Value	Y	0.25	Federal Land Code 107		0.90
Scenic Value	Y	0.50	Federal Land Code 108		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

FERC Number	Plant Name	Stream	State Name
NE021	PHOENIX 1	NIOBRARA R	NE

County Name	River Basin
BOYD	NIOBRARA RIVER BASIN

Class	Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
8500.00	0.10	850.00	48000.00	4800

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4248.00
				Longitude	9856.00
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 Wild/Scenic Location	Y	0.50	Threatened/Endangered Fish		0.90
Cultural Value	Y	0.50	Threatened/Endangered Wildlife	Y	0.50
Fish Presence Value	Y	0.25	Federal Land Code 103		0.90
Geologic Value	Y	0.50	Federal Land Code 104		0.90
Historic Value	Y	0.50	Federal Land Code 105		0.90
Other Value	Y	0.50	Federal Land Code 106		0.90
Recreation Value	Y	0.25	Federal Land Code 107		0.90
Scenic Value	Y	0.50	Federal Land Code 108		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

FERC Number	Plant Name	Stream	State Name
NE022	PHOENIX 2	NIOBRARA R	NE

County Name	River Basin
HOLT	NIOBRARA RIVER BASIN

Class	Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
9400.00	0.10	940.00	48000.00	4800

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4246.00
				Longitude	9826.00
C	STG		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	Y	0.50	Threatened/Endangered Wildlife	Y	0.50
Cultural Value	Y	0.50	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	Y	0.50	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

FERC Number	Plant Name	Stream	State Name
NE023	PLUM CREEK	PLUM CREEK	NE

County Name	River Basin
GOSPER	PLATTE RIVER BASIN

Class Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
24000.00	0.90	21600.00	31000.00	27900

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4033.00 9947.00
C	ROR		U		

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

FERC Number	Plant Name	Stream	State Name
NE024	REDBIRD	NIOBRARA R	NE

County Name	River Basin
HOLT	NIOBRARA RIVER BASIN

Class	Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
11500.00	0.10	1150.00	57000.00	5700

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4246.00
				Longitude	9826.00
C	STG		U		

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

FERC Number	Plant Name	Stream	State Name
NE025	RESERVOIR 5	NIOBRARA R	NE

County Name	River Basin
KEYA PAHA	NIOBRARA RIVER BASIN

Class	Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
5400.00	0.10	540.00	28000.00	2800

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4249.00
				Longitude	10010.00
C	STG		U		

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

FERC Number	Plant Name	Stream	State Name
NE026	ROGERS	PLATTE R	NE

County Name	River Basin
COLFAX	PLATTE RIVER BASIN

Class

Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
23100.00	0.25	5775.00	180000.00	45000

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4128.00
				Longitude	9655.00
C	ROR		U		

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

FERC Number	Plant Name	Stream	State Name
NE027	SEWARD 2	W FK BIG BLUE R	NE

County Name	River Basin
SEWARD	KANSAS RIVER BASIN

Class	Owner Name
M	ABC ELEC CO INC/NE MUN PP

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
270.00	0.50	135.00	970.00	485

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4041.00
				Longitude	9700.00
C	ROR		WO		

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

FERC Number	Plant Name	Stream	State Name
NE028	SHADY TRAIL	W FK BIG BLUE R	NE

County Name	River Basin
SALINE	KANSAS RIVER BASIN

Class	Owner Name
M	NEB STATE GAMES & PARKS

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
135.00	0.50	67.50	490.00	245

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4041.00
				Longitude	9704.00
C	ROR		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
			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		0.90	Federal Land Code 106		0.90
Historic Value		0.90	Federal Land Code 107		0.90
Other Value	Y	0.75	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

FERC Number	Plant Name	Stream	State Name
NE029	SOUTH BEND	PLATTE R	NE

County Name	River Basin
SARPY	PLATTE RIVER BASIN

Class	Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
27000.00	0.25	6750.00	110000.00	27500

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4102.00 9613.00
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	Y	0.50
			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		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

FERC Number	Plant Name	Stream	State Name
NE030	SPARKS	NIOBRARA R	NE

County Name	River Basin
CHERRY	NIOBRARA RIVER BASIN

Class	Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
5400.00	0.10	540.00	21000.00	2100

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4251.00
				Longitude	10021.00
C	STG		U		

Factor	Exist	Prob	Factor	Exist	Prob
Wild/Scenic Protection	Y	0.10	Wildlife Value	Y	0.25
Wild/Scenic Tributary or Upstream/Downstream			Threatened/Endangered Fish		0.90
			Threatened/Endangered Wildlife	Y	0.50
Wild/Scenic Location		0.90	Federal Land Code 103		0.90
Cultural Value	Y	0.50	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	Y	0.50	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

FERC Number	Plant Name	Stream	State Name
NE031	SPENCER DAM	NIOBRARA R	NE

County Name	River Basin
HOLT	NIOBRARA RIVER BASIN

Class	Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
14500.00	0.50	7250.00	88000.00	44000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4245.00 9842.00
C	ROR		WO		

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

FERC Number	Plant Name	Stream	State Name
NE032	WATERLOO	PLATTE R	NE

County Name	River Basin
DOUGLAS	PLATTE RIVER BASIN

Class Owner Name

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
11000.00	0.25	2750.00	90000.00	22500

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4130.00
				Longitude	9621.00
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	Y	0.50
			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		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

FERC Number	Plant Name	Stream	State Name
NE033	WILBER	BIG BLUE R	NE

County Name	River Basin
GAGE	KANSAS RIVER BASIN

Class	Owner Name
M	WILBER,CITY OF

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
260.00	0.50	130.00	600.00	300

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4031.00
C	ROR		WO	Longitude	9701.00

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

FERC Number	Plant Name	Stream	State Name
NE034	BOX BUTTE (HEMINGFORD)	NIOBRARA R	NE

County Name	River Basin
DAWES	NIOBRARA 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)
320.00	0.50	160.00	1321.00	660.50

Unit Type	Plant Type	Project Status	Dam Status		
				Latitude	4228.00
				Longitude	10304.00
C	STG	ZZ	WO		

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

FERC Number	Plant Name	Stream	State Name
NE036	ENDERS DAM	FRENCHMAN CREEK	NE

County Name	River Basin
CHASE	KANSAS RIVER BASIN

Class

Owner Name

NEBRASKA PUBLIC POWER DISTRICT

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
100.00	0.50	50.00	0.00	0

Unit Type	Plant Type	Project Status	Dam Status	Latitude	4025.00
				Longitude	10131.00
			WO		

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

FERC Number	Plant Name	Stream	State Name
NE037	BARNESTON	BIG BLUE R	NE

County Name	River Basin
GAGE	KANSAS RIVER BASIN

Class Owner Name

NORRIS PUBLIC POWER DISTRIC

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
2000.00	0.75	1500.00	0.00	0

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	4003.00 9635.00
			W		

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
			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		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			