U.S. Hydropower Resource Assessment

Georgia

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U.S. Hydropower Resource Assessment for Georgia

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ABSTRACT

The U.S. Department of Energy is developing an estimate of the undeveloped hydropower potential in the United States. For this purpose, the Idaho National Engineering and Environmental Laboratory developed a computer model called Hydropower Evaluation Software (HES). 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 Georgia.

ACKNOWLEDGMENTS

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U.S. Hydropower Resource Assessment for Georgia

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 inter-agency Hydropower Resource Assessment Team to ascertain the undeveloped hydropower potential. In connection with these efforts by the Department of Energy, the Idaho National Engineering and Environmental Laboratory designed the Hydropower Evaluation Software (HES), which has been used to perform a resource assessment of the undeveloped conventional hydropower potential in over 40 states. This report presents the results of the hydropower resource assessment for the State of Georgia. 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 depend 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 62 sites (Table 1) have been identified and assessed for their undeveloped hydropower potential. The HES results for

individual site capacities range from 0.9 kilowatt (kW) to 90 megawatts (MW). Seventy-one percent of the HES-modeled sites in Georgia are small hydropower sites, less than 5 MW (Figure 1).

The nonmodeled undeveloped hydropower potential total for Georgia was identified as 1,137 MW. The HES results lowers this estimate about 46% to 613 MW. The greatest reduction in undeveloped hydropower potential, by MW, occurs at sites that have neither power generation capability nor a developed impoundment or diversion structure (U category). These sites have a HES-modeled undeveloped hydropower potential of about 37 MW, a 238-MW, or 87% reduction in the estimated undeveloped hydropower potential (Figure 2). Figure 3 correlates the number of sites that have undeveloped hydropower potential with the total megawatts of HES-modeled undeveloped hydropower potential.

The 62 identified sites are located within four major river basins. The number of sites per major river basin ranges from 8 in the Alabama Coosa River basin to 23 in the Altamaha River basin (Figure 4). Sixty-three percent of the undeveloped hydropower potential in the State of Georgia is contained within the Apalachicola River basin (Figure 5).

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

	Number of projects	Nameplate potential (MW)	HES-modeled potential (MW)
With Power	7	144.7	89.2
W/O Power	31	716.9	486.4
Undeveloped	24	275.3	37.2
State Total	62	1,136.9	612.8

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. Number of sites with undeveloped hydropower potential in the Georgia River basins.

Figure 5. Megawatts of HES-modeled undeveloped hydropower potential in the Georgia River basins.

Detailed Results

The appendices contain, in the form of HES-generated reports, detailed information about the undeveloped hydropower potential in Georgia. 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 site. Subtotals are provided for each river basin.

Appendix C lists 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 the 62 sites in Georgia. 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 PESF.

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., 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.

E-mail—Customers may e-mail their requests to info@ntis.fedworld.gov.

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) NTIS deposit account; or, (d) by asking to be billed (add \$7.50 per order), United States, Canada, and Mexico, only.

Handling Fee—A \$4.00 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 3 to 5 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 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 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.

Ben Rinehart, Project Manager
Idaho National Engineering and Environmental
Laboratory
P.O. Box 1625, MS 3830
Idaho Falls, ID 83415-3830
(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 Georgia's involvement with the resource assessment or about the identified sites may be obtained by contacting:

Dallon Thomas Woosley, P. E.
Georgia Department of Natural Resources
205 Butler Street, S.E.
East Floyd Tower
Atlanta, GA 30334
(404) 362-2678

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: 09/28/98

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

<u>State</u>	<u>Category</u>	<u>Number of Projects</u>	<u>Name Plate Capacity (KW)</u>	<u>HES Adjusted Capacity (KW)</u>
GA	With Power	7	144680	89178
	W/O Power	31	716856	486380.40
	Undeveloped	24	275287	37174.20
	STATE TOTAL	62	1136823	612732.60
TOTALS	With Power	7	144680	89178
	W/O Power	31	716856	486380.40
	Undeveloped	24	275287	37174.20
GRAND TOTAL		62	1136823	612732.60

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 ALABAMA COOSA RIVER BASIN					
GA0034	ARMUCHEE OOSTANAULA R	U	5850.00	0.25	1462.50
GA0037	WATERSHED 26 ETOWAH R	U	1100.00	0.10	110.00
11301	CARTERS REREG COOSAWATTEE R	U	3500.00	0.50	1750.00
06897	CARTERS LAKE RRG COOSAWATTEE R	W	3500.00	0.50	1750.00
GA0036	ALLATOONA ETOWAH R	W	36000.00	0.50	18000.00
GA0033	TRION CHATTOOGA R	WO	479.00	0.90	431.10
GA0035	TILTON CONASAUGA R	WO	13400.00	0.10	1340.00
10692	YELLOW CREEK YELLOW CR, ETOWAH R	WO	275.00	0.50	137.50
** Subtotal **			64104.00		24981.10
** River Basin ALTAMAHA RIVER BASIN					
GA0015	ROCK EAGLE LAKE L GLADY CR, LITTLE R	U	126.00	0.90	113.40
GA0017	WINDER CITY LAKE CEDAR CR, OCONEE R	U	153.00	0.10	15.30
GA0018	MITCHELL BRIDGE M OCONEE R	U	3400.00	0.10	340.00
GA0019	CURRY CREEK N OCONEE R	U	2990.00	0.10	299.00
GA0021	DAMES FERRY OCMULGEE R	U	14600.00	0.10	1460.00
GA0022	LAMAR FERRY OCMULGEE R	U	11700.00	0.10	1170.00
GA0023	ALMON YELLOW R	U	3000.00	0.90	2700.00

HYDROPOWER RESOURCE ASSESSMENT BY RIVER BASIN

FERC Number	Plant Name/ Stream	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
GA0024	IRWIN BRIDGE YELLOW R	U	3000.00	0.90	2700.00
GA0025	SURVEY LAKE TRIB,RUM CR	U	99.00	0.90	89.10
GA0009	GOOSE CREEK ALTAMAHA R	WO	169000.00	0.50	84500.00
GA0010	CYPRESS BRANCH OCONEE R	WO	27400.00	0.50	13700.00
GA0011	DUBLIN OCONEE R	WO	29900.00	0.50	14950.00
GA0012	TOOMSBORO OCONEE R	WO	20000.00	0.50	10000.00
GA0013	MILLEDGEVILLE OCONEE R	WO	11300.00	0.50	5650.00
GA0014	MONTICELLO SHOAL CR	WO	12000.00	0.90	10800.00
GA0016	LAKE RUTLEDGE HARD LABOR CR,APALACHEE R	WO	1025.00	0.50	512.50
11253	ATHENS WATER WORKS DAM N OCONEE R	WO	195.00	0.50	97.50
05225	TALLASSEE SHOALS M OCONEE R	WO	1500.00	0.50	750.00
GA0020	HOUSTON LAKE MOSSY CR,OCMULGEE R	WO	487.00	0.50	243.50
06341	FENLEY RYTHER DAM TOBESOFKEE CR,OCMULGEE R	WO	1408.00	0.10	140.80
06350	TRIO OCMULGEE R	WO	840.00	0.10	84.00
10872	TOWALIGA TOWALIGA R	WO	1800.00	0.50	900.00
10870	CARUTHERS MILL APPALACHEE R	WO	147.00	0.50	73.50

HYDROPOWER RESOURCE ASSESSMENT BY RIVER BASIN

FERC Number	Plant Name/ Stream	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** Subtotal **			316070.00		151288.60
** River Basin APALACHICOLA RIVER BASIN					
10935	LOWER MULBERRY CREEK MULBERRY CR, CHATTAHOOCHEE R	U	1468.00	0.50	734.00
08519	CITY MILLS CHATTAHOOCHEE R	W	160.00	0.50	80.00
02177	GOAT ROCK CHATTAHOOCHEE R	W	67000.00	0.75	50250.00
GA0026	WEST POINT CHATTAHOOCHEE R	W	35000.00	0.50	17500.00
GA0029	HABERSHAM SOGUE R	W	220.00	0.90	198.00
01218	FLINT RIVER FLINT R	W	2800.00	0.50	1400.00
02655	EAGLE & PHENIX(NEW) CHATTAHOOCHEE R	WO	23400.00	0.90	21060.00
GA0027	FRANKLIN CHATTAHOOCHEE R	WO	43800.00	0.75	32850.00
GA0028	MORGAN FALLS CHATTAHOOCHEE R	WO	60000.00	0.50	30000.00
02939	WHITEWATER WHITEWATER CR, FLINT R	WO	350.00	0.50	175.00
GA0030	LOWER AUCHUMPKEE FLINT R	WO	77000.00	0.90	69300.00
GA0031	LAZER CREEK FLINT R	WO	83000.00	0.90	74700.00
GA0032	SPEWRELL BLUFF 3 FLINT R	WO	100000.00	0.90	90000.00
10061	LAKE LANIER CHATTAHOOCHEE R	WO	1500.00	0.50	750.00

HYDROPOWER RESOURCE ASSESSMENT BY RIVER BASIN

FERC Number	Plant Name/ Stream	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** Subtotal **			495698.00		388997.00
** River Basin SAVANNAH RIVER BASIN					
GA0001	LOW STOKES BLUFF SAVANNAH R	U	13300.00	0.10	1330.00
GA0002	BULL PEN POINT SAVANNAH R	U	12800.00	0.10	1280.00
GA0003	DICKS LOOKOUT POINT SAVANNAH R	U	24900.00	0.10	2490.00
GA0004	LOW JOHNSONS LANDING SAVANNAH R	U	23300.00	0.10	2330.00
GA0005	STEEL CREEK SAVANNAH R	U	22200.00	0.10	2220.00
GA0006	EAGLE POINT SAVANNAH R	U	21500.00	0.10	2150.00
GA0007	ANTHONY SHOALS BROAD R	U	24800.00	0.10	2480.00
GA0008	TALLOW HILL BROAD R	U	68500.00	0.10	6850.00
09872	BRADY SHOALS S FK BROAD R	U	1000.00	0.10	100.00
11273	AUGUSTA CANAL AUGUSTA CNL(SAVANANH R)	U	12000.00	0.25	3000.00
GA0038	MCBEAN CREEK PROJECT MCBEAN CREEK	U	1.00	0.90	0.90
11486	NEW SAVANNAH BLUFF SAVANNAH R	WO	7200.00	0.50	3600.00
05772	AUGUSTA CANAL AUGUSTA CNL(SAVANNAH R)	WO	15000.00	0.50	7500.00
11490	AUGUSTA CANAL DIVERSION AUGUSTA CNL(SAVANNAH R)	WO	12000.00	0.90	10800.00
08536	CRAWFORD LONG CR,BROAD R	WO	1500.00	0.50	750.00

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HYDROPOWER RESOURCE ASSESSMENT BY RIVER BASIN

FERC Number	Plant Name/ Stream	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
10869	BEAVER BEAVERDAM CR, TUGALOO R	WO	275.00	0.90	247.50
10871	WATSON MILL S FK BROAD R	WO	675.00	0.50	337.50
** Subtotal **			260951.00		47465.90
*** Total ***			1136823.00		612732.60

Appendix C
Georgia Sites List

HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** FERC Number 09872 BRADY SHOALS S FK BROAD R	GA	U	1000.00	0.10	100.00
** Subtotal **			1000.00		100.00
** FERC Number 10935 LOWER MULBERRY CREEK MULBERRY CR, CHATTAHOOCHEE R	GA	U	1468.00	0.50	734.00
** Subtotal **			1468.00		734.00
** FERC Number 11273 AUGUSTA CANAL AUGUSTA CNL(SAVANANH R)	GA	U	12000.00	0.25	3000.00
** Subtotal **			12000.00		3000.00
** FERC Number 11301 CARTERS REREG COOSAWATTEE R	GA	U	3500.00	0.50	1750.00
** Subtotal **			3500.00		1750.00
** FERC Number GA0001 LOW STOKES BLUFF SAVANNAH R	GA	U	13300.00	0.10	1330.00
** Subtotal **			13300.00		1330.00
** FERC Number GA0002 BULL PEN POINT SAVANNAH R	GA	U	12800.00	0.10	1280.00
** Subtotal **			12800.00		1280.00
** FERC Number GA0003 DICKS LOOKOUT POINT SAVANNAH R	GA	U	24900.00	0.10	2490.00

HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** Subtotal **			24900.00		2490.00
** FERC Number GA0004 LOW JOHNSONS LANDING SAVANNAH R	GA	U	23300.00	0.10	2330.00
** Subtotal **			23300.00		2330.00
** FERC Number GA0005 STEEL CREEK SAVANNAH R	GA	U	22200.00	0.10	2220.00
** Subtotal **			22200.00		2220.00
** FERC Number GA0006 EAGLE POINT SAVANNAH R	GA	U	21500.00	0.10	2150.00
** Subtotal **			21500.00		2150.00
** FERC Number GA0007 ANTHONY SHOALS BROAD R	GA	U	24800.00	0.10	2480.00
** Subtotal **			24800.00		2480.00
** FERC Number GA0008 TALLOW HILL BROAD R	GA	U	68500.00	0.10	6850.00
** Subtotal **			68500.00		6850.00
** FERC Number GA0015 ROCK EAGLE LAKE L GLADY CR, LITTLE R	GA	U	126.00	0.90	113.40
** Subtotal **			126.00		113.40

HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** FERC Number GA0017 WINDER CITY LAKE CEDAR CR, OCONEE R	GA	U	153.00	0.10	15.30
** Subtotal **			153.00		15.30
** FERC Number GA0018 MITCHELL BRIDGE M OCONEE R	GA	U	3400.00	0.10	340.00
** Subtotal **			3400.00		340.00
** FERC Number GA0019 CURRY CREEK N OCONEE R	GA	U	2990.00	0.10	299.00
** Subtotal **			2990.00		299.00
** FERC Number GA0021 DAMES FERRY OCMULGEE R	GA	U	14600.00	0.10	1460.00
** Subtotal **			14600.00		1460.00
** FERC Number GA0022 LAMAR FERRY OCMULGEE R	GA	U	11700.00	0.10	1170.00
** Subtotal **			11700.00		1170.00
** FERC Number GA0023 ALMON YELLOW R	GA	U	3000.00	0.90	2700.00
** Subtotal **			3000.00		2700.00
** FERC Number GA0024 IRWIN BRIDGE YELLOW R	GA	U	3000.00	0.90	2700.00

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HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** Subtotal **			3000.00		2700.00
** FERC Number GA0025 SURVEY LAKE TRIB,RUM CR	GA	U	99.00	0.90	89.10
** Subtotal **			99.00		89.10
** FERC Number GA0034 ARMUCHEE OOSTANAULA R	GA	U	5850.00	0.25	1462.50
** Subtotal **			5850.00		1462.50
** FERC Number GA0037 WATERSHED 26 ETOWAH R	GA	U	1100.00	0.10	110.00
** Subtotal **			1100.00		110.00
** FERC Number GA0038 MCBEAN CREEK PROJECT MCBEAN CREEK	GA	U	1.00	0.90	0.90
** Subtotal **			1.00		0.90
** FERC Number 01218 FLINT RIVER FLINT R	GA	W	2800.00	0.50	1400.00
** Subtotal **			2800.00		1400.00
** FERC Number 02177 GOAT ROCK CHATTAHOOCHEE R	GA	W	67000.00	0.75	50250.00
** Subtotal **			67000.00		50250.00

HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** FERC Number 06897 CARTERS LAKE RRG COOSAWATTEE R	GA	W	3500.00	0.50	1750.00
** Subtotal **			3500.00		1750.00
** FERC Number 08519 CITY MILLS CHATTAHOOCHEE R	GA	W	160.00	0.50	80.00
** Subtotal **			160.00		80.00
** FERC Number GA0026 WEST POINT CHATTAHOOCHEE R	GA	W	35000.00	0.50	17500.00
** Subtotal **			35000.00		17500.00
** FERC Number GA0029 HABERSHAM SOGUE R	GA	W	220.00	0.90	198.00
** Subtotal **			220.00		198.00
** FERC Number GA0036 ALLATOONA ETOWAH R	GA	W	36000.00	0.50	18000.00
** Subtotal **			36000.00		18000.00
** FERC Number 02655 EAGLE & PHENIX (NEW) CHATTAHOOCHEE R	GA	WO	23400.00	0.90	21060.00
** Subtotal **			23400.00		21060.00
** FERC Number 02939 WHITEWATER WHITEWATER CR, FLINT R	GA	WO	350.00	0.50	175.00

HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** Subtotal **			350.00		175.00
** FERC Number 05225 TALLASSEE SHOALS M OCONEE R	GA	WO	1500.00	0.50	750.00
** Subtotal **			1500.00		750.00
** FERC Number 05772 AUGUSTA CANAL AUGUSTA CNL(SAVANNAH R)	GA	WO	15000.00	0.50	7500.00
** Subtotal **			15000.00		7500.00
** FERC Number 06341 FENLEY RYTHER DAM TOBESOFKEE CR,OCMULGEE R	GA	WO	1408.00	0.10	140.80
** Subtotal **			1408.00		140.80
** FERC Number 06350 TRIO OCMULGEE R	GA	WO	840.00	0.10	84.00
** Subtotal **			840.00		84.00
** FERC Number 08536 CRAWFORD LONG CR,BROAD R	GA	WO	1500.00	0.50	750.00
** Subtotal **			1500.00		750.00
** FERC Number 10061 LAKE LANIER CHATTAHOOCHEE R	GA	WO	1500.00	0.50	750.00
** Subtotal **			1500.00		750.00

HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** FERC Number 10692 YELLOW CREEK YELLOW CR,ETOWAH R	GA	WO	275.00	0.50	137.50
** Subtotal **			275.00		137.50
** FERC Number 10869 BEAVER BEAVERDAM CR,TUGALOO R	GA	WO	275.00	0.90	247.50
** Subtotal **			275.00		247.50
** FERC Number 10870 CARUTHERS MILL APPALACHEE R	GA	WO	147.00	0.50	73.50
** Subtotal **			147.00		73.50
** FERC Number 10871 WATSON MILL S FK BROAD R	GA	WO	675.00	0.50	337.50
** Subtotal **			675.00		337.50
** FERC Number 10872 TOWALIGA TOWALIGA R	GA	WO	1800.00	0.50	900.00
** Subtotal **			1800.00		900.00
** FERC Number 11253 ATHENS WATER WORKS DAM N OCONEE R	GA	WO	195.00	0.50	97.50
** Subtotal **			195.00		97.50
** FERC Number 11486 NEW SAVANNAH BLUFF SAVANNAH R	GA	WO	7200.00	0.50	3600.00

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HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** Subtotal **			7200.00		3600.00
** FERC Number 11490 AUGUSTA CANAL DIVERSION AUGUSTA CNL(SAVANNAH R)	GA	WO	12000.00	0.90	10800.00
** Subtotal **			12000.00		10800.00
** FERC Number GA0009 GOOSE CREEK ALTAMAHA R	GA	WO	169000.00	0.50	84500.00
** Subtotal **			169000.00		84500.00
** FERC Number GA0010 CYPRESS BRANCH OCONEE R	GA	WO	27400.00	0.50	13700.00
** Subtotal **			27400.00		13700.00
** FERC Number GA0011 DUBLIN OCONEE R	GA	WO	29900.00	0.50	14950.00
** Subtotal **			29900.00		14950.00
** FERC Number GA0012 TOOMSBORO OCONEE R	GA	WO	20000.00	0.50	10000.00
** Subtotal **			20000.00		10000.00
** FERC Number GA0013 MILLEDGEVILLE OCONEE R	GA	WO	11300.00	0.50	5650.00
** Subtotal **			11300.00		5650.00

HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** FERC Number GA0014 MONTICELLO SHOAL CR	GA	WO	12000.00	0.90	10800.00
** Subtotal **			12000.00		10800.00
** FERC Number GA0016 LAKE RUTLEDGE HARD LABOR CR, APALACHEE R	GA	WO	1025.00	0.50	512.50
** Subtotal **			1025.00		512.50
** FERC Number GA0020 HOUSTON LAKE MOSSY CR, OCMULGEE R	GA	WO	487.00	0.50	243.50
** Subtotal **			487.00		243.50
** FERC Number GA0027 FRANKLIN CHATTAHOOCHEE R	GA	WO	43800.00	0.75	32850.00
** Subtotal **			43800.00		32850.00
** FERC Number GA0028 MORGAN FALLS CHATTAHOOCHEE R	GA	WO	60000.00	0.50	30000.00
** Subtotal **			60000.00		30000.00
** FERC Number GA0030 LOWER AUCHUMPKEE FLINT R	GA	WO	77000.00	0.90	69300.00
** Subtotal **			77000.00		69300.00
** FERC Number GA0031 LAZER CREEK FLINT R	GA	WO	83000.00	0.90	74700.00

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HYDROPOWER RESOURCE ASSESSMENT BY FERC NUMBER

Plant Name/ Stream	ST	Dam Stat	Name Plate Rating (KW)	PESF	PESF * KW
** Subtotal **			83000.00		74700.00
** FERC Number GA0032 SPEWRELL BLUFF 3 FLINT R	GA	WO	100000.00	0.90	90000.00
** Subtotal **			100000.00		90000.00
** FERC Number GA0033 TRION CHATTOOGA R	GA	WO	479.00	0.90	431.10
** Subtotal **			479.00		431.10
** FERC Number GA0035 TILTON CONASAUGA R	GA	WO	13400.00	0.10	1340.00
** Subtotal **			13400.00		1340.00
*** Total ***			1136823.00		612732.60

Appendix D

Individual Resource Database List

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FERC Number	Plant Name	Stream	State Name
01218	FLINT RIVER	FLINT R	GA
County Name		River Basin	
DOUGHERTY		APALACHICOLA RIVER BASIN	
Class		Owner Name	
P		GEORGIA POWER CO	
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)
2800.00	0.50	1400.00	8700.00
			PESF Annual Energy Rating (MWh)
			4350
Unit Type	Plant Type	Project Status	Dam Status
C	ROR	MO	W
		Latitude	3137.00
		Longitude	8406.00

<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	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		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			

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FERC Number	Plant Name	Stream	State Name
02177	GOAT ROCK	CHATTAHOOCHEE R	GA

County Name	River Basin
MUSCOGEE	APALACHICOLA RIVER BASIN

Class	Owner Name
P	GEORGIA POWER CO

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
67000.00	0.75	50250.00	79090.00	59317.50

Unit Type	Plant Type	Project Status	Dam Status	Latitude	3238.00	Longitude	8505.00
C	STG	MO	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
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

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FERC Number	Plant Name	Stream	State Name
02655	EAGLE & PHENIX(NEW)	CHATTAHOOCHEE R	GA

County Name	River Basin
MUSCOGEE	APALACHICOLA RIVER BASIN

Class	Owner Name
P	EAGLE & PHENIX HYDRO CO INC

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
23400.00	0.90	21060.00	91200.00	82080

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3228.00 8500.00
C	STG	MO	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		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

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FERC Number	Plant Name	Stream	State Name
02939	WHITEWATER	WHITEWATER CR, FLINT R	GA

County Name	River Basin
MACON	APALACHICOLA RIVER BASIN

Class	Owner Name
M	MACON CO RECREATION COMMISSION

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
350.00	0.50	175.00	2200.00	1100

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3220.28 8404.00
C	STG	XX	WO		

<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	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	Y	0.75	Federal Land Code 103		0.90
Fish Presence Value	Y	0.75	Federal Land Code 104		0.90
Geologic Value	Y	0.90	Federal Land Code 105		0.90
Historic Value	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name		
05225	TALLASSEE SHOALS	M OCONEE R	GA		
County Name		River Basin			
CLARKE		ALTAMAHA RIVER BASIN			
Class		Owner Name			
R		BARRETT, HAROLD T			
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)	
1500.00	0.50	750.00	7000.00	3500	
Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	
C	ROR	XX	WO	3400.00 8334.00	
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	Y	0.75	Federal Land Code 103		0.90
Fish Presence Value	Y	0.75	Federal Land Code 104		0.90
Geologic Value	Y	0.90	Federal Land Code 105		0.90
Historic Value	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
05772	AUGUSTA CANAL	AUGUSTA CNL(SAVANNAH R)	GA

County Name	River Basin
RICHMOND	SAVANNAH RIVER BASIN

Class	Owner Name
M	AUGUSTA,CITY OF

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
15000.00	0.50	7500.00	90500.00	45250

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3324.00 8157.00
C	STG	MA	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	Y	0.75	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	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
06341	FENLEY RYTHER DAM	TOBESOFKEE CR,OCMULGEE R	GA

County Name	River Basin
BIBB	ALTAMAHA RIVER BASIN

Class		Owner Name		
M		BIBB,COUNTY OF		
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
1408.00	0.10	140.80	3500.00	350

Unit Type	Plant Type	Project Status	Dam Status	Latitude	3249.00
C	STG	XX	WO	Longitude	8346.00

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	Y	0.75	Federal Land Code 103	Y	0.10
Fish Presence Value	Y	0.75	Federal Land Code 104		0.90
Geologic Value	Y	0.90	Federal Land Code 105		0.90
Historic Value	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
06350	TRIO	OCMULGEE R	GA

County Name	River Basin
MONROE	ALTAMAHA RIVER BASIN

Class	Owner Name
R	JULIETTE ASSOC

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
840.00	0.10	84.00	7000.00	700

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3307.00 8346.00
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			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value	Y	0.75	Federal Land Code 103	Y	0.10
Fish Presence Value	Y	0.75	Federal Land Code 104		0.90
Geologic Value	Y	0.90	Federal Land Code 105		0.90
Historic Value	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
06897	CARTERS LAKE RRG	COOSAWATTEE R	GA

County Name	River Basin
MURRAY	ALABAMA COOSA RIVER BASIN

Class	Owner Name
R	ENERGOS MANAGEMENT INC

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
3500.00	0.50	1750.00	16500.00	8250

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3436.00 8440.00
C	RRG	XX	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
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	Y	0.75
Scenic Value		0.90	Federal Land Code 198		0.90

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FERC Number	Plant Name	Stream	State Name
08519	CITY MILLS	CHATTAHOOCHEE R	GA

County Name	River Basin
MUSCOGEE	APALACHICOLA RIVER BASIN

Class	Owner Name
R	CITY MILLS CO

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
160.00	0.50	80.00	1005.00	502.50

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3234.00 8501.00
C	ROR	LE	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
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	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
08536	CRAWFORD	LONG CR,BROAD R	GA

County Name	River Basin
ELBERT	SAVANNAH RIVER BASIN

Class	Owner Name
I	BRADY,JOE A

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
1500.00	0.50	750.00	5000.00	2500

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3406.00 8300.00
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			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	Y	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

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FERC Number	Plant Name	Stream	State Name
09872	BRADY SHOALS	S FK BROAD R	GA

County Name	River Basin
MADISON	SAVANNAH RIVER BASIN

Class	Owner Name
R	BRADY,JOE A

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
1000.00	0.10	100.00	7000.00	700

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3401.00 8300.00
C	ROR	XX	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		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

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FERC Number	Plant Name	Stream	State Name
10061	LAKE LANIER	CHATTAHOOCHEE R	GA

County Name	River Basin
FORSYTH	APALACHICOLA RIVER BASIN

Class	Owner Name
M	ATLANTA, CITY OF ET AL

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
1500.00	0.50	750.00	7800.00	3900

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3407.00 8404.00
C	RRG	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	Y	0.75
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	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	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
10692	YELLOW CREEK	YELLOW CR, ETOWAH R	GA

County Name	River Basin
DAWSON	ALABAMA COOSA RIVER BASIN

Class	Owner Name
P	DAVIS, ROBERT A III

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
275.00	0.50	137.50	2146.00	1073

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3421.00 8414.00
C	STG	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	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	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
10869	BEAVER	BEAVERDAM CR,TUGALOO R	GA

County Name	River Basin
ELBERT	SAVANNAH RIVER BASIN

Class	Owner Name
R	DAVIS,ROBERT A.,ET AL

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
275.00	0.90	247.50	2146.00	1931.40

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3407.00 8250.00
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		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

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FERC Number	Plant Name	Stream	State Name
10870	CARUTHERS MILL	APPALACHEE R	GA

County Name	River Basin
WALTON	ALTAMAHA RIVER BASIN

Class	Owner Name
R	DAVIS, ROBERT A., ET AL

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
147.00	0.50	73.50	1147.00	573.50

Unit Type	Plant Type	Project Status	Dam Status	Latitude	3352.00	Longitude	83370.00
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			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	Y	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

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FERC Number	Plant Name	Stream	State Name
10871	WATSON MILL	S FK BROAD R	GA

County Name	River Basin
OGLETHORPE	SAVANNAH RIVER BASIN

Class	Owner Name
R	DAVIS,ROBERT A.,ET AL

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
675.00	0.50	337.50	3902.00	1951

Unit Type	Plant Type	Project Status	Dam Status	Latitude	3405.00
C	STG	NA	WO	Longitude	8305.00

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	Y	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

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FERC Number	Plant Name	Stream	State Name
10872	TOWALIGA	TOWALIGA R	GA
County Name		River Basin	
MONROE		ALTAMAHA RIVER BASIN	
Class		Owner Name	
R		DAVIS, ROBERT A., ET AL	
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)
1800.00	0.50	900.00	10000.00
		PESF Annual Energy Rating (MWh)	
		5000	
Unit Type	Plant Type	Project Status	Dam Status
C	STG	MA	WO
Latitude	3306.00	Longitude	8348.00
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		Y	0.75
Geologic Value		Y	0.90
Historic Value		0.90	
Other Value		0.90	
Recreation Value		Y	0.75
Scenic Value		Y	0.90
Wildlife Value		0.90	
Threatened/Endangered Fish		0.90	
Threatened/Endangered Wildlife		0.90	
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	

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FERC Number	Plant Name	Stream	State Name
10935	LOWER MULBERRY CREEK	MULBERRY CR, CHATTAHOOCHEE R	GA

County Name	River Basin
HARRIS	APALACHICOLA RIVER BASIN

Class	Owner Name
R	PYLE, D S ET AL

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
1468.00	0.50	734.00	9645.00	4822.50

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3237.00 8505.00
C	ROR	XX	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	Y	0.50	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

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FERC Number	Plant Name	Stream	State Name
11253	ATHENS WATER WORKS DAM	N OCONEE R	GA

County Name	River Basin
CLARKE	ALTAMAHA RIVER BASIN

Class	Owner Name
R	FULGHUM, KENNETH F

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
195.00	0.50	97.50	1347.00	673.50

Unit Type	Plant Type	Project Status	Dam Status	Latitude	3358.00	Longitude	8322.00
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
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value	Y	0.75	Federal Land Code 103		0.90
Fish Presence Value	Y	0.75	Federal Land Code 104		0.90
Geologic Value	Y	0.90	Federal Land Code 105		0.90
Historic Value	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
11273	AUGUSTA CANAL	AUGUSTA CNL(SAVANANH R)	GA

County Name	River Basin
RICHMOND	SAVANNAH RIVER BASIN

Class	Owner Name
R	FALL LINE HYDRO CO INC

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
12000.00	0.25	3000.00	65000.00	16250

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3324.00 8159.00
C	DIV	XX	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	Y	0.50	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	Y	0.50	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	Y	0.50	Federal Land Code 198		0.90

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FERC Number	Plant Name	Stream	State Name
11301	CARTERS REREG	COOSAWATTEE R	GA

County Name	River Basin
MURRAY	ALABAMA COOSA RIVER BASIN

Class	Owner Name
R	FALL LINE HYDRO COMPANY INC

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
3500.00	0.50	1750.00	16500.00	8250

Unit Type	Plant Type	Project Status	Dam Status	Latitude	3437.00	Longitude	8442.00
C	ROR	PO	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	Y	0.50
Scenic Value		0.90	Federal Land Code 198		0.90

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FERC Number	Plant Name	Stream	State Name
11486	NEW SAVANNAH BLUFF	SAVANNAH R	GA

County Name	River Basin
RICHMOND	SAVANNAH RIVER BASIN

Class		Owner Name		
R		PACOLET RIVER PWR CO INC		
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
7200.00	0.50	3600.00	45290.00	22645

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3322.00 8156.00
C	STG	PA	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		0.90	Federal Land Code 108	Y	0.75
Scenic Value		0.90	Federal Land Code 198		0.90

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FERC Number	Plant Name	Stream	State Name
11490	AUGUSTA CANAL DIVERSION	AUGUSTA CNL(SAVANNAH R)	GA
County Name		River Basin	
RICHMOND		SAVANNAH RIVER BASIN	
Class		Owner Name	
R		FALL LINE HYDRO COMPANY INC	
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)
12000.00	0.90	10800.00	14800.00
		PESF Annual Energy Rating (MWh)	
		13320	
Unit Type	Plant Type	Project Status	Dam Status
C	DIV	PA	WO
Latitude		3333.00	
Longitude		8202.00	
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	
Wildlife Value		0.90	
Threatened/Endangered Fish		0.90	
Threatened/Endangered Wildlife		0.90	
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	

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FERC Number	Plant Name	Stream	State Name
GA0001	LOW STOKES BLUFF	SAVANNAH R	GA

County Name	River Basin
EFFINGHAM	SAVANNAH 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)
13300.00	0.10	1330.00	82800.00	8280

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3233.00 8117.00
C	ROR	XX	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	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		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

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FERC Number	Plant Name	Stream	State Name
GA0002	BULL PEN POINT	SAVANNAH R	GA

County Name	River Basin
SCREVEN	SAVANNAH 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)
12800.00	0.10	1280.00	80800.00	8080

Unit Type	Plant Type	Project Status	Dam Status	Latitude	3237.00	Longitude	8124.00
C	ROR	XX	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	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		0.90	Federal Land Code 108		0.90
Recreation Value	Y	0.25	Federal Land Code 198		0.90
Scenic Value	Y	0.50			

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FERC Number	Plant Name	Stream	State Name
GA0003	DICKS LOOKOUT POINT	SAVANNAH R	GA

County Name	River Basin
SCREVEN	SAVANNAH RIVER BASIN

Class	Owner Name			
NHPS/COE				
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
24900.00	0.10	2490.00	97900.00	9790

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3251.00 8127.00
C	ROR	XX	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	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		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

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FERC Number	Plant Name	Stream	State Name
GA0004	LOW JOHNSONS LANDING	SAVANNAH R	GA

County Name	River Basin
SCREVEN	SAVANNAH 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)
23300.00	0.10	2330.00	91500.00	9150

Unit Type	Plant Type	Project Status	Dam Status	Latitude	3257.00	Longitude	8131.00
C	ROR	XX	U				

Factor	Exist	Prob	Factor	Exist	Prob
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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	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		0.90	Federal Land Code 108		0.90
Recreation Value	Y	0.25	Federal Land Code 198		0.90
Scenic Value	Y	0.50			

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FERC Number	Plant Name	Stream	State Name
GA0005	STEEL CREEK	SAVANNAH R	GA

County Name	River Basin
BURKE	SAVANNAH 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)
22200.00	0.10	2220.00	87300.00	8730

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3305.00 8136.00
C	ROR	XX	U		

Factor	Exist	Prob	Factor	Exist	Prob
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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	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		0.90	Federal Land Code 108		0.90
Recreation Value	Y	0.25	Federal Land Code 198		0.90
Scenic Value	Y	0.50			

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FERC Number	Plant Name	Stream	State Name
GA0006	EAGLE POINT	SAVANNAH R	GA

County Name	River Basin
RICHMOND	SAVANNAH 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)
21500.00	0.10	2150.00	84400.00	8440

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3317.00 8151.00
C	ROR	XX	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	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		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

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FERC Number	Plant Name	Stream	State Name
GA0007	ANTHONY SHOALS	BROAD R	GA

County Name	River Basin
WILKES	SAVANNAH 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)
24800.00	0.10	2480.00	64900.00	6490

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3359.00 8239.00
C	STG	XX	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		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

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FERC Number	Plant Name	Stream	State Name
GA0008	TALLOW HILL	BROAD R	GA

County Name	River Basin
ELBERT	SAVANNAH 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)
68500.00	0.10	6850.00	97600.00	9760

Unit Type	Plant Type	Project Status	Dam Status	Latitude	Longitude
C	STG	XX	U	3406.00	8302.00

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		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			

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FERC Number	Plant Name	Stream	State Name
GA0009	GOOSE CREEK	ALTAMAHA R	GA

County Name	River Basin
WAYNE	ALTAMAHA 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)
169000.00	0.50	84500.00	296000.00	148000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3147.00 8154.00
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
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value	Y	0.75	Federal Land Code 103		0.90
Fish Presence Value	Y	0.75	Federal Land Code 104		0.90
Geologic Value	Y	0.90	Federal Land Code 105		0.90
Historic Value	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
GA0010	CYPRESS BRANCH	OCONEE R	GA

County Name	River Basin
MONTGOMERY	ALTAMAHA 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)
27400.00	0.50	13700.00	91500.00	45750

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3203.00 8236.00
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
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value	Y	0.75	Federal Land Code 103		0.90
Fish Presence Value	Y	0.75	Federal Land Code 104	Y	0.75
Geologic Value	Y	0.90	Federal Land Code 105		0.90
Historic Value	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
GA0011	DUBLIN	OCONEE R	GA

County Name	River Basin
LAURENS	ALTAMAHA 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)
29900.00	0.50	14950.00	97700.00	48850

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3237.00 8255.00
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
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value	Y	0.75	Federal Land Code 103		0.90
Fish Presence Value	Y	0.75	Federal Land Code 104	Y	0.75
Geologic Value	Y	0.90	Federal Land Code 105		0.90
Historic Value	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
GA0012	TOOMSBORO	OCONEE R	GA

County Name	River Basin
WASHINGTON	ALTAMAHA 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)
20000.00	0.50	10000.00	67400.00	33700

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3353.00 8302.00
C	STG	XX	WO		

Factor	Exist	Prob	Factor	Exist	Prob
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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	Y	0.75	Federal Land Code 103		0.90
Fish Presence Value	Y	0.75	Federal Land Code 104		0.90
Geologic Value	Y	0.90	Federal Land Code 105		0.90
Historic Value	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
GA0013	MILLEDGEVILLE	OCONEE R	GA

County Name	River Basin
BALDWIN	ALTAMAHA 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)
11300.00	0.50	5650.00	37000.00	18500

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3308.00 8310.00
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			Threatened/Endangered Fish		0.90
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value	Y	0.75	Federal Land Code 103		0.90
Fish Presence Value	Y	0.75	Federal Land Code 104		0.90
Geologic Value	Y	0.90	Federal Land Code 105		0.90
Historic Value	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
GA0014	MONTICELLO	SHOAL CR	GA

County Name	River Basin
JASPER	ALTAMAHA 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	59000.00	53100

Unit Type	Plant Type	Project Status	Dam Status	Latitude	3318.00
C	STG	XX	WO	Longitude	8330.00

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

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FERC Number	Plant Name	Stream	State Name
GA0015	ROCK EAGLE LAKE	L GLADY CR,LITTLE R	GA

County Name	River Basin
WILKINSON	ALTAMAHA 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)
126.00	0.90	113.40	300.00	270

Unit Type	Plant Type	Project Status	Dam Status	Latitude	3221.00
C	ROR	XX	U	Longitude	8309.00

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

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State
Name

GA

ALTAMAHA RIVER BASIN

Owner Name

PESF Annual
Energy Rating (MWh)

1500

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Latitude 3338.00
Longitude 8335.00
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WO

Exist Prob

Wildlife Value	Y	0.75
Threatened/Endangered Fish		0.90
Threatened/Endangered Wildlife		0.90
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

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FERC Number	Plant Name	Stream	State Name
GA0017	WINDER CITY LAKE	CEDAR CR, OCONEE R	GA

County Name	River Basin
OCONEE	ALTAMAHA 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)
153.00	0.10	15.30	300.00	30

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3349.00 8329.00
C	ROR	XX	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	Y	0.50	Federal Land Code 103		0.90
Fish Presence Value	Y	0.25	Federal Land Code 104	Y	0.50
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

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FERC Number	Plant Name	Stream	State Name
GA0018	MITCHELL BRIDGE	M OCONEE R	GA

County Name	River Basin
OCONEE	ALTAMAHA 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)
3400.00	0.10	340.00	14000.00	1400

Unit Type	Plant Type	Project Status	Dam Status	Latitude	3247.00	Longitude	8346.00
C	ROR	XX	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	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		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

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FERC Number	Plant Name	Stream	State Name
GA0019	CURRY CREEK	N OCONEE R	GA

County Name	River Basin
JACKSON	ALTAMAHA 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)
2990.00	0.10	299.00	7440.00	744

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3405.00 8328.00
C	STG	XX	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		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

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FERC Number	Plant Name	Stream	State Name
GA0020	HOUSTON LAKE	MOSSY CR,OCMULGEE R	GA

County Name	River Basin
HOUSTON	ALTAMAHA RIVER BASIN

Class	Owner Name
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HOUSTON COUNTY COMMISSIONERS

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
487.00	0.50	243.50	1200.00	600

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3228.00 8334.00
C	STG	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		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
GA0021	DAMES FERRY	OCMULGEE R	GA

County Name	River Basin
JONES	ALTAMAHA 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)
14600.00	0.10	1460.00	40000.00	4000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3302.00 8343.00
C	STG	XX	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	Y	0.50	Federal Land Code 103	Y	0.10
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

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FERC Number	Plant Name	Stream	State Name
GA0022	LAMAR FERRY	OCMULGEE R	GA

County Name	River Basin
BUTTS	ALTAMAHA 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)
11700.00	0.10	1170.00	38500.00	3850

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3314.00 8349.00
C	STG	XX	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	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		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

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FERC Number	Plant Name	Stream	State Name
GA0023	ALMON	YELLOW R	GA

County Name	River Basin
NEWTON	ALTAMAHA 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)
3000.00	0.90	2700.00	9000.00	8100

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3336.00 8359.00
C	STG	XX	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

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FERC Number	Plant Name	Stream	State Name
GA0024	IRWIN BRIDGE	YELLOW R	GA

County Name	River Basin
DEKALB	ALTAMAHA 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)
3000.00	0.90	2700.00	8000.00	7200

Unit Type	Plant Type	Project Status	Dam Status	Latitude	3343.00
C	STG	XX	U	Longitude	8402.00

Factor	Exist	Prob	Factor	Exist	Prob
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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

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FERC Number	Plant Name	Stream	State Name
GA0025	SURVEY LAKE	TRIB,RUM CR	GA

County Name	River Basin
DEKALB	ALTAMAHA 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)
99.00	0.90	89.10	200.00	180

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3342.00 8415.00
C	ROR	XX	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

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FERC Number	Plant Name	Stream	State Name
GA0026	WEST POINT	CHATTAHOOCHEE R	GA

County Name	River Basin
TROUP	APALACHICOLA 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)
35000.00	0.50	17500.00	68000.00	34000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3255.00 8511.00
C	STG	FA	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
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	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
GA0027	FRANKLIN	CHATTAHOOCHEE R	GA

County Name	River Basin
TROUP	APALACHICOLA 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)
43800.00	0.75	32850.00	120000.00	90000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3300.00 8510.00
C	STG	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		0.90
Geologic Value		0.90	Federal Land Code 105		0.90
Historic Value		0.90	Federal Land Code 106		0.90
Other Value	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
GA0028	MORGAN FALLS	CHATTAHOOCHEE R	GA

County Name	River Basin
FULTON	APALACHICOLA RIVER BASIN

Class	Owner Name			
P	GEORGIA POWER CO			
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
60000.00	0.50	30000.00	156000.00	78000
Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude
C	STG	XX	WO	3358.00 8423.00

<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		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	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					

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FERC Number	Plant Name	Stream	State Name
GA0029	HABERSHAM	SOGUE R	GA

County Name	River Basin
HABERSHAM	APALACHICOLA RIVER BASIN

Class		Owner Name		
R		HABERSHAM MILLS		
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
220.00	0.90	198.00	950.00	855

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3436.00 8331.00
C	STG	XX	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
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

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FERC Number	Plant Name	Stream	State Name
GA0030	LOWER AUCHUMPKEE	FLINT R	GA

County Name	River Basin
TAYLOR	APALACHICOLA 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)
77000.00	0.90	69300.00	122800.00	110520

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3231.00 8403.00
C	STG	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		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

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FERC Number	Plant Name	Stream	State Name
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GA0031	LAZER CREEK	FLINT R	GA
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County Name	River Basin
UPSON	APALACHICOLA 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)
83000.00	0.90	74700.00	121600.00	109440

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3248.00 8427.00
C	STG	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		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

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FERC Number	Plant Name	Stream	State Name
GA0032	SPEWRELL BLUFF 3	FLINT R	GA

County Name	River Basin
TALBOT	APALACHICOLA 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)
100000.00	0.90	90000.00	160000.00	144000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3246.00 8417.00
C	CMB	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		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

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FERC Number	Plant Name	Stream	State Name
GA0033	TRION	CHATTOOGA R	GA

County Name	River Basin
CHATTOOGA	ALABAMA COOSA RIVER BASIN

Class		Owner Name		
I		RIEDEL TEXTILE CORP		
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
479.00	0.90	431.10	1385.00	1246.50

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3427.00 8519.00
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		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

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FERC Number	Plant Name	Stream	State Name
GA0034	ARMUCHEE	OOSTANAULA R	GA

County Name	River Basin
FLOYD	ALABAMA COOSA 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)
5850.00	0.25	1462.50	35130.00	8782.50

Unit Type	Plant Type	Project Status	Dam Status	Latitude	3422.00
				Longitude	8507.00
C	STG	XX	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	Y	0.50	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	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

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FERC Number	Plant Name	Stream	State Name
GA0035	TILTON	CONASAUGA R	GA

County Name	River Basin
WHITFIELD	ALABAMA COOSA RIVER BASIN

Class	Owner Name
NHPS/COE	

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
13400.00	0.10	1340.00	27400.00	2740

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3439.00 8456.00
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
Wild/Scenic Location		0.90	Threatened/Endangered Wildlife		0.90
Cultural Value	Y	0.75	Federal Land Code 103	Y	0.10
Fish Presence Value	Y	0.75	Federal Land Code 104	Y	0.90
Geologic Value	Y	0.90	Federal Land Code 105		0.90
Historic Value	Y	0.75	Federal Land Code 106	Y	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

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FERC Number	Plant Name	Stream	State Name
GA0036	ALLATOONA	ETOWAH R	GA

County Name	River Basin
BARTOW	ALABAMA COOSA 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)
36000.00	0.50	18000.00	26000.00	13000

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3410.00 8444.00
C	STG	FA	W		

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	Y	0.75	Federal Land Code 103		0.90
Fish Presence Value	Y	0.75	Federal Land Code 104		0.90
Geologic Value	Y	0.90	Federal Land Code 105		0.90
Historic Value	Y	0.75	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

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FERC Number	Plant Name	Stream	State Name
GA0037	WATERSHED 26	ETOWAH R	GA

County Name	River Basin
LUMPKIN	ALABAMA COOSA RIVER BASIN

Class		Owner Name		
I		DAVIS,L		
Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
1100.00	0.10	110.00	3500.00	350

Unit Type	Plant Type	Project Status	Dam Status	Latitude Longitude	3430.00 8404.00
C	STG	XX	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	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		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

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FERC Number	Plant Name	Stream	State Name
GA0038	MCBEAN CREEK PROJECT	MCBEAN CREEK	GA

County Name	River Basin
RICHMOND	SAVANNAH RIVER BASIN

Class	Owner Name
P	PETER FOX SIPP, JR

Name Plate Rating (KW)	PESF	PESF*KW	Annual Energy Rating (MWh)	PESF Annual Energy Rating (MWh)
1.00	0.90	0.90	0.00	0

Unit Type	Plant Type	Project Status	Dam Status	Latitude	3316.00
	ROR	LJ	U	Longitude	8210.00

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