

DOE/EIA--0095(89)

DE91 000630

# Inventory of Power Plants in the United States 1989

Energy Information Administration  
Office of Coal, Nuclear, Electric  
and Alternate Fuels  
U.S. Department of Energy  
Washington, DC 20585

**MASTER**

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the Department of Energy. The information contained herein should not be construed as advocating or reflecting any policy position of the Department of Energy or any other organization.

# Contents

	Page
1. Introduction .....	1
2. Summary Statistics .....	3
3. Operable Electric Generating Units .....	31
4. Projected Electric Generating Unit Additions .....	233
Appendices	
A. Technical Notes .....	249
B. Definitions of Table Codes .....	257
C. Jointly Owned Electric Generating Units .....	263
D. Lists of Plants .....	285
E. Maps .....	381
Glossary .....	385

# Tables

	Page
1. Operable Capacity and Planned Capacity Additions by Energy Source, as of December 31, 1989	12
2. Capacity Additions and Retirements in 1989, by Energy Source	12
3. Fossil-Fueled Operable Capacity and Planned Fossil-Fueled Capacity Additions by Prime Mover and Primary Energy Source, as of December 31, 1989	12
4. Fossil-Fueled Steam-Electric and Nuclear Steam-Electric Operable Capacity and Planned Capacity Additions, as of December 31, 1989	13
5. Operable Capacity by Prime Mover and Energy Source Category, as of December 31, 1989	13
6. Planned Capacity Additions by Year, as of December 31, 1989	14
7. Planned Coal and Petroleum-Fired Capacity Additions by Year, as of December 31, 1989	14
8. Planned Gas-Fired and Hydroelectric Capacity Additions by Year, as of December 31, 1989	15
9. Planned Nuclear and Other Capacity Additions by Year, as of December 31, 1989	15
10. Planned Capacity Retirements by Year, as of December 31, 1989	16
11. Planned Coal and Petroleum-Fired Capacity Retirements by Year, as of December 31, 1989	16
12. Planned Gas-Fired and Hydroelectric Capacity Retirements by Year, as of December 31, 1989	17
13. Planned Nuclear and Other Capacity Retirements by Year, as of December 31, 1989	17
14. Operable Capacity and Planned Capacity Additions by Energy Source and North American Electric Reliability Council, as of December 31, 1989	18
15. Operable Capacity and Planned Capacity Additions by Energy Source and Federal Region, as of December 31, 1989	20
16. Operable Capacity and Planned Capacity Additions by Energy Source and Census Division, as of December 31, 1989	22
17. Operable Capacity and Planned Capacity Additions by Energy Source and State, as of December 31, 1989	24
18. Electric Generating Units that Started Operation in 1989, by State, Company, and Plant	32
19. Electric Generating Units Retired from Service in 1989, by State, Company, and Plant	36
20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989	39
21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1990-1999, as of December 31, 1989	236
B1. Definitions of Energy Source Codes	257
B2. Definitions of Energy Source Codes Used in the Summary Statistics	257
B3. Definitions of Unit Type Codes	258
B4. Definitions of Unit Status Codes	258
B5. State, Federal Region, NERC Region, and Census Division Cross Reference	259
C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989	263
D1. Alphabetical List of Plants, 1989	285
D2. List of Plants by State, 1989	324
D3. List of Plants by Utility, 1989	344

# Illustrations

	Page
1. Percent Generating Capability by Energy Source, as of December 31, 1989 .....	5
2. Percent Generating Capability by Prime Mover, as of December 31, 1989 .....	5
3. Coal-Fired Generating Capability, as of December 31, 1989 .....	6
4. Petroleum-Fired Generating Capability, as of December 31, 1989 .....	7
5. Gas-Fired Generating Capability, as of December 31, 1989 .....	8
6. Hydroelectric Generating Capability, as of December 31, 1989 .....	9
7. Nuclear Generating Capability, as of December 31, 1989 .....	10
8. U.S. Generating Capability, as of December 31, 1989 .....	11
9. Percent Generating Capability Additions by Energy Source, 1990-1999 .....	233
10. Projected Generating Capability Additions by Year and Energy Source, 1990-1994 (Megawatts) .....	235
11. Projected Generating Capability Additions by Year and Energy Source, 1995-1999 (Megawatts) .....	235
E1. North American Electric Reliability Council Region Map for the Contiguous United States .....	381
E2. U.S. Federal Region Map .....	382
E3. U.S. Census Region Map .....	383

# 1. Introduction

The *Inventory of Power Plants in the United States* is prepared annually by the Electric Power Division, Office of Coal, Nuclear, Electric and Alternate Fuels, Energy Information Administration (EIA), U.S. Department of Energy (DOE).

The purpose of this publication is to provide year-end statistics about electric generating units in operation and to provide a 10-year outlook of future generating unit additions by electric utilities in the United States (the 50 States and the District of Columbia).<sup>1</sup> Data summarized in this report are useful to a wide audience including Congress, Federal and State agencies, the electric utility industry, and the general public. The data presented in this report were assembled and published by the EIA, to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (Public Law 93-275) as amended. The report is organized into the following chapters:

Summary Statistics

Operable Electric Generating Units

Projected Electric Generating Unit Additions.

Statistics presented in these chapters reflect the status of electric generating units as of December 31, 1989. The Summary Statistics chapter contains aggregate capacity statistics at the national and various regional levels for operable electric generating units and planned electric generating unit additions. Aggregate capacity data at the national level are presented by energy source and by prime mover. Aggregate capacity data at the various regional levels are presented by primary energy source. Planned capacity additions in new units are summarized by year, 1990 through 1999. Additionally, this chapter contains a summary of electric generating unit retirements, by energy source and year, projected to occur from 1990 through 1999. The chapter on Operable Electric Generating Units contains data about each operable electric generating unit and each electric generating unit that was retired from service during the year. Additionally, it contains a summary by energy source of electric generating unit capacity additions and retirements during 1989. Finally, the chapter on Projected Electric Generating Unit Ad-

ditions contains data about each electric generating unit scheduled by electric utilities to start operation between 1990 and 1999. These projected generating unit additions are new units planned for operation by electric utilities. This publication does not contain nonutility generating capacity (except some cases of utility-operated, jointly owned capacity). Thus, projects developed under the Public Utility Regulatory Policies Act of 1978 are not included in this report.

The detailed data include the name of the electric utility which operates the unit, the location of the unit, the type of unit (prime mover), the primary and alternate energy sources, the installed generator nameplate capacity, the net summer capability, the net winter capability, and the initial year of operation. Data are organized alphabetically by State and electric utility. The Energy Information Administration uses net summer capability as its statistic for measuring electric generator capacity. Therefore, all discussion of electric generating capacity in this publication is based on the use of net summer capability data, unless specified otherwise. For a discussion of the different measures of electric generator capacity, see "Explanatory Notes," Technical Notes, Appendix A. Additionally, any discussion of electric generating capacity by energy source is based on the primary energy source used to produce electricity by the respective generating units.

## Sources of Data

Data published in the *Inventory of Power Plants in the United States* (IPP) were compiled from Form EIA-860, "Annual Electric Generator Report," filed annually with the EIA by electric utilities. For a description of the data submitted on this form, see "Sources of Data," Technical Notes, Appendix A.

Updates made during the past year for inclusion in this publication are as follows: (1) Updates that reflect construction or modification within power plants or changes in power plant operations during the reporting year. (These changes include the installation of new generators; the retirement of existing generators; the use of a primary energy source for dual-fired units different from that which has been reported in the past;

<sup>1</sup>Prior issues of this publication contained plant-level statistics for Puerto Rico. As of 1989, these statistics are not required to be reported by the Puerto Rico Electric Power Authority.

and the modification of generators, such as the rewinding of stators or the retrofitting of associated generator equipment.) (2) Corrections to previously reported data that were incorrect. (3) Deletion of respondents that do not meet the reporting requirements of Form EIA-860. (4) Deletion of capacity when generators previously owned and operated by electric utilities are sold to nonutilities. (5) The inclusion of new respondents.

### **Coverage of Sources**

The Form EIA-860 data represent 100 percent coverage of all electric utilities that operate power plants in the United States.

### **Adjustments to Collected Data**

Data on generator nameplate capacity, net summer capability, and net winter capability for operable electric generating units are published as reported on Form EIA-860, "Annual Electric Generator Report."

Estimates of net summer capability and net winter capability are made for operable nonnuclear electric generating units with no reported capability and for all electric generating units that are under construction or in the planning stage that are not nuclear or coal-fired. These estimates are calculated using a statistical relationship that exists between the capability (summer and winter) and installed generator nameplate capacity for units that were in commercial operation as of the end of 1984. For a description of the estimation formula, see "Explanatory Notes," Technical Notes, Appendix A.

Date of initial operation was first requested on Form EIA-860 and published in the IP<sup>2</sup> for the 1986 reporting year. In instances when the date the electric generating unit is first available to provide power to the grid is unknown, estimates are made using a set of assumptions that take into account the length of the testing period for the unit just prior to the time it began commercial operation. Indicators for these estimated data exist in the data files. Estimates for nuclear steam-electric generators are not made since their initial year of operation is known for all generators. For a discussion of the assumptions used to estimate the date of initial operation, see "Explanatory Notes," Technical Notes, Appendix A.

Estimates of generator nameplate capacity are made for proposed new generators with no reported nameplate capacity, but with a reported summer capability. Estimates of generator nameplate capacity were made using the relationship that existed between nameplate

capacity and summer capability of operable generators, as of year-end 1988. The formulas used to obtain these estimates are included in "Explanatory Notes," Technical Notes, Appendix A. Generally, the reported nameplate capacity for a proposed new generator is the size of the generator that the utility has ordered or plans to order, based on the utility's desired output. This capacity may or may not be what is actually on the generator's nameplate when the generator is supplied by the manufacturer. Unless the generator has already been supplied, reported nameplate capacity for proposed new generators are estimates made by the utilities.

### **Appendices**

Appendix A contains a detailed description of the data collection system used in preparing this publication. The notes also explain data quality, critical differences in the data, rules for data rounding, and other relevant items. Copies of the data are available to the public. See "Obtaining Copies of Data," Technical Notes, Appendix A, for further information.

Appendix B contains definitions of terms and codes, and provides a cross reference of States, Federal regions, North American Electric Reliability Council (NERC) regions, and Census divisions.

Appendix C indicates ownership status for each electric generating unit jointly owned, proposed to be jointly owned, wholly owned by a company other than the company that operates the unit, or proposed to be wholly owned by a company other than the proposed operator of the unit.

Appendix D contains 3 tables that list the plants for which data are included in this publication. The first table is an alphabetical list of plants. The second is a list of plants alphabetically by State. The third table is a list of plants alphabetically by utility that operates the plant. These tables are included to provide an easy means of locating plant-generator specific data in this publication.

The maps in Appendix E show the geographic boundaries of the NERC, Federal, and Census regions.

### **Glossary**

A glossary of terms used in this report has been included to assist nontechnical as well as technical users in understanding the electric utility industry terms in this publication. The use of these terms is described in "Use of the Glossary," Technical Notes, Appendix A.

## 2. Summary Statistics

Electric generating capacity at electric power plants operated by electric utilities in the United States totaled 684,619 megawatts, as of year-end 1989. Included in this total is 6,966 megawatts of new capacity that started operation during 1989. Again, as it has been each year for the past 5 years, nuclear capacity dominated new capacity additions. Nuclear capacity (3,391 megawatts) accounted for 49 percent of the 6,966 megawatts of new capacity (Table 2).

While nuclear capacity dominated capacity additions in 1989, there were several events in the nuclear industry that shut down operable or potentially operable nuclear units. Customers in the Sacramento Municipal Utility District (SMUD) in California voted to shut down its 873-megawatt Rancho Seco nuclear plant because of its excessive operating expenses. Rancho Seco, in operation for nearly 15 years, comprised 49 percent of the capacity operated by SMUD. The utility is examining several options to convert the plant to use a different energy source. As of year-end 1989, Rancho Seco still retained a Full Power Operating license; therefore, Rancho Seco is included in this publication as part of the statistics of operable capacity.

The Public Service Company of Colorado decided to shut down its 217-megawatt Fort St. Vrain nuclear plant in August of 1989 after assessing the financial impact of an anticipated lengthy outage to repair the plant's steam generator system. Prior to August, the utility had announced plans to shut down the plant in June 1990 after continued operational problems; however, when faced with new repairs, the decision was made to permanently shut down the nuclear plant earlier than planned. Fort St. Vrain started operation in 1976 and is the company's only nuclear generating plant. It utilized a high-temperature, gas-cooled reactor which is the only reactor of its type in the United States. The Public Service Company of Colorado has issued requests for proposals which include a provision for conversion of the plant to a natural gas-fired plant.

The Nuclear Regulatory Commission (NRC) issued a Full Power Operating license in April 1989 to Long Island Lighting Company's (LILCO) Shoreham plant. However, under a settlement agreement between LILCO and the State of New York, the plant was shut

down and prohibited from ever operating. Under the terms of the agreement, ownership of the 809-megawatt unit will be transferred to the Long Island Power Authority (LIPA), an agency of New York State, which is not permitted to operate the unit. LIPA is in the process of decommissioning Shoreham. LIPA is also studying the feasibility of converting Shoreham to a natural gas-fired plant. This settlement agreement came after years of vigorous opposition by opponents of nuclear power and the State of New York to operate the Shoreham unit.

As of year-end 1989, the completed Seabrook nuclear plant, proposed for operation by Public Service Company of New Hampshire, had received NRC approval for low power testing. (The Seabrook nuclear unit 1 received a Full Power Operating License in March 1990). Like Shoreham, the operation of Seabrook has been confronted by vigorous opposition by opponents of nuclear power.

In 1989, the NRC approved new licensing procedures that will help prevent recurrences of problems like those associated with Shoreham. Under the new regulations, referred to as "one-step" licensing, approval of a license by the NRC is made before any construction begins. The NRC will issue a combined Construction Permit/Operating License based on a pre-approved NRC-certified plant design. That is, after the site and design of the plant have been approved, the applicant will file for a license to construct and operate the plant. All test requirements will then be established; public hearings will be held before any construction begins or before licensing decisions are made. Once the license has been approved by the NRC, there will be no delays in the operation of a plant after construction is complete unless it fails to meet the criteria in the pre-approved license.

With only five more nuclear units actively remaining in the construction pipeline,<sup>2</sup> the trend in new capacity fuel mix will change early in the 1990's. Besides the Seabrook unit, Texas Utilities Generating Company's Comanche Peak units 1 and 2, and Tennessee Valley Authority's Watts Bar units 1 and 2 are the last of the nuclear units proposed to start operation during this decade.

<sup>2</sup>Six additional nuclear units in the construction pipeline have been indefinitely postponed: Bellefonte units 1 and 2, WNP units 1 and 3, Grand Gulf unit 2, Perry unit 2.

To help meet the expected growth in the demand for electricity, electric utilities have scheduled a total of 41,232 megawatts in new units to start operation by the end of 1999. Although coal will dominate the electric utility fuel mix, a significant increase in gas-fired capability will occur during the next 10 years. The gas-fired capability in new units, 29 percent of new capacity additions, will primarily come from the more than 12,000 megawatts of new gas-fired combined cycle and conventional gas turbine units planned for installation between now and 1999. Over 40 percent of this gas-fired capability is expected to be in operation by the end of 1995. Nuclear capacity additions are down to 14 percent of new capacity additions.

Additional resources to meet future energy requirements of utilities are expected to come from repowering and life extension of existing plants and from purchases of nonutility capacity. Electric utilities will also engage in demand-side management programs which are aimed at altering end-use electricity consumption patterns and ultimately reducing demand.

Electric utilities are also considering repowering as a cost-effective means of meeting future energy requirements, particularly with Clean Air legislation pending. Several repowering technologies have been developed. Repowering generally consists of modifying old coal-fired electric generating units by replacing the boiler with a new combustion technology which results in better performance and an increase in capacity. Several repowering technologies were reported as part of the 10-year construction plans of utilities. In some cases, a gas turbine is added to an existing steam-electric plant to reconfigure it as combined cycle. Several utilities have already completed this kind of repowering and more of it is planned in their 10-year construction plans. Other technologies repower with clean coal technology. Repowering with clean coal technology includes replacing an old plant's furnace and boiler with new, cleaner-burning, high-efficient coal combustion or gasification technology. Although utilities are considering their reported plans for implementing these technologies as "demonstration" projects, test programs have shown that these technologies do have dependability for future use by electric utilities in the United States. Ohio Power Company's Tidd plant, re-

tired from service in 1976, has been reconfigured as a pressurized fluidized bed combustion (PFBC) combined cycle plant. It is scheduled for operation in 1990. Central Operating Company's Phil Sporn plant, units 3 and 4 are also scheduled to be repowered with PFBC combustion by 1996. Both Tidd and Phil Sporn are part of the American Electric Power System. Proposed integrated coal gasification systems have been reported by three utilities.

Although life extension (plant refurbishment) adds little, if any, new generating capacity, some utilities have chosen to refurbish their plants since refurbishment can add about 20 years of life to aged plants nearing retirement.

Nonutilities are expected to supply a significant portion of the generating capacity needed to meet energy requirements of electric utilities over the next 10 years. By 2000, nonutility capacity is projected to total 66,000 megawatts.<sup>1</sup> About one-third of this capacity is expected to be delegated to the electric utility grid.

Although utilities are responding to the various options to maintain an adequate electric power supply, the options are not without limitations. Even with the implementation of the above options, the Energy Information Administration estimates that electric utilities will build 66,000 megawatts of currently unannounced or unplanned capacity by 2000. Today's dominant choices for planned capacity, combined cycle and gas turbines, which require relatively short construction time are expected to account for 52,000 megawatts of the unplanned or unannounced capacity.<sup>2</sup>

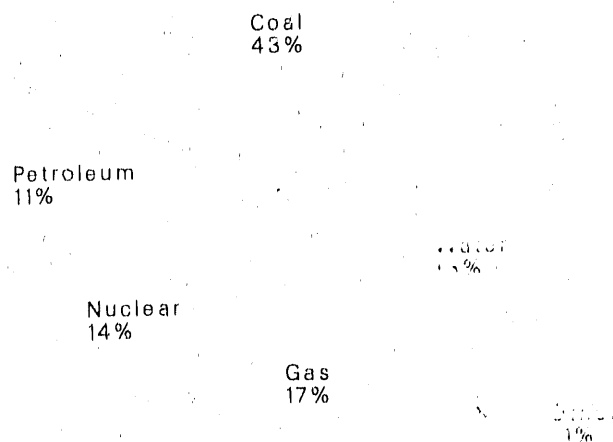
With concerns about future demand, in particular, future peak demands, utilities are studying and implementing ways to get customers to reduce or shift loads. These techniques include allowing customers to have more choice in setting the cost of their energy, controlling their energy use and at the same time reducing overall demand. Reducing demand delays the need for new generating capacity. The North American Electric Reliability Council (NERC) reported expected load management programs equivalent to 11,349 megawatts in 1989. By 1999, NERC expects this number to be over 18,000 megawatts.

<sup>1</sup>Energy Information Administration, Annual Outlook for U.S. Electric Power 1990, DOE/EIA 0474

<sup>2</sup>Energy Information Administration, Annual Outlook for U.S. Electric Power 1990, DOE/EIA 0474

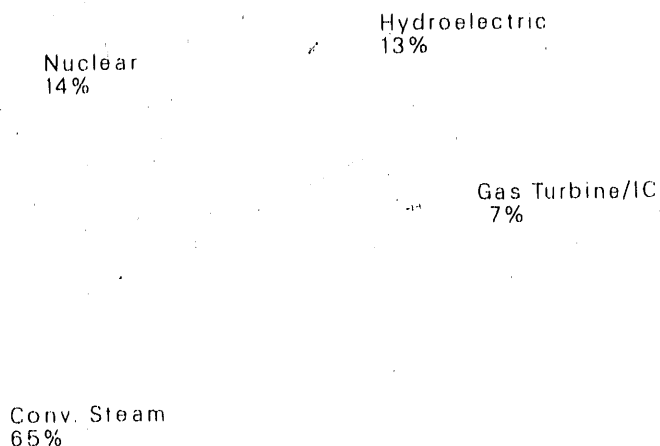


Figure 1. Percent Generating Capability by Energy Source, as of December 31, 1989



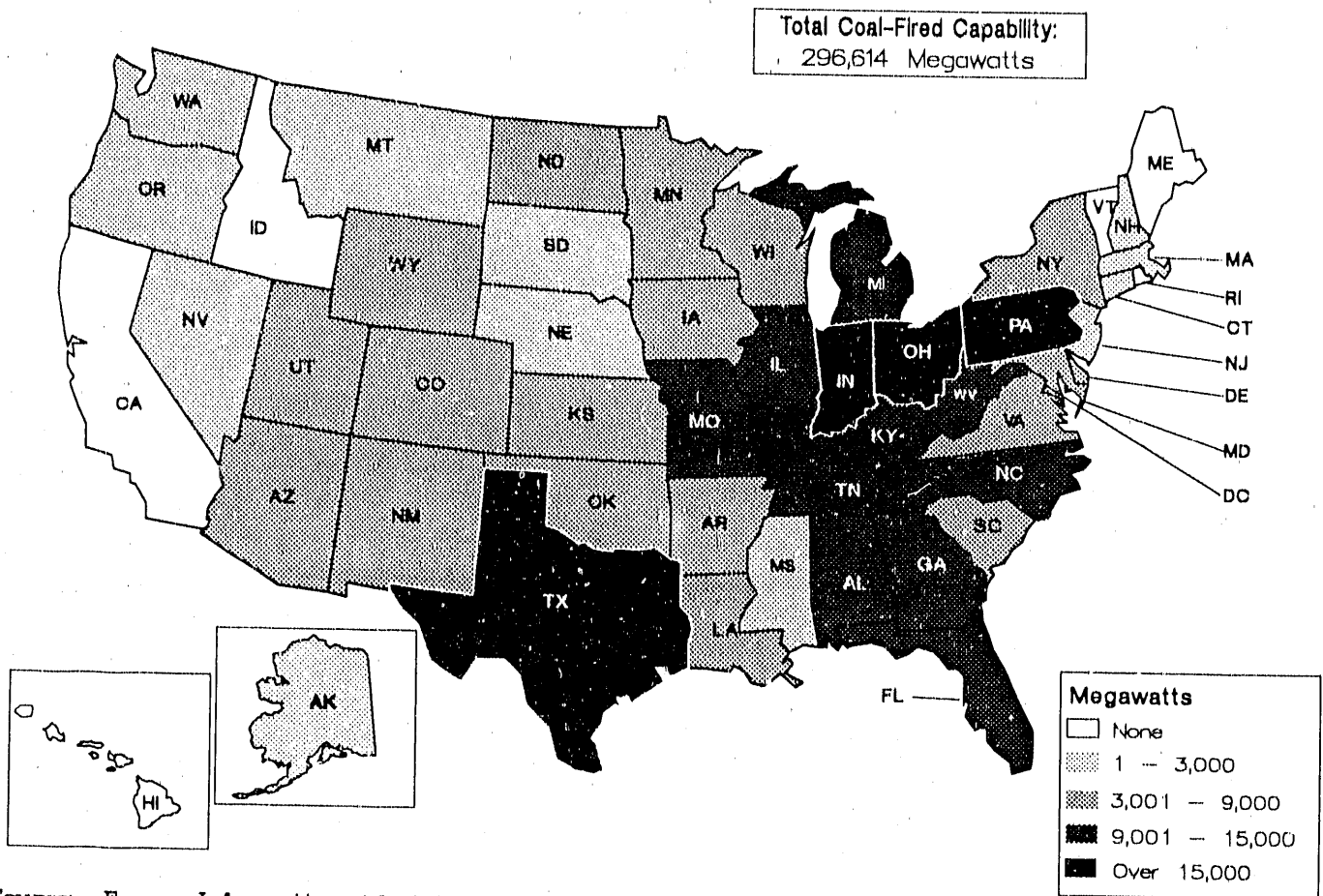
Notes: •Other includes geothermal, refuse, steam, solar, waste heat, wind, and wood. •Percentages may not sum to 100 percent because of independent rounding.  
 Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Figure 2. Percent Generating Capability by Prime Mover, as of December 31, 1989



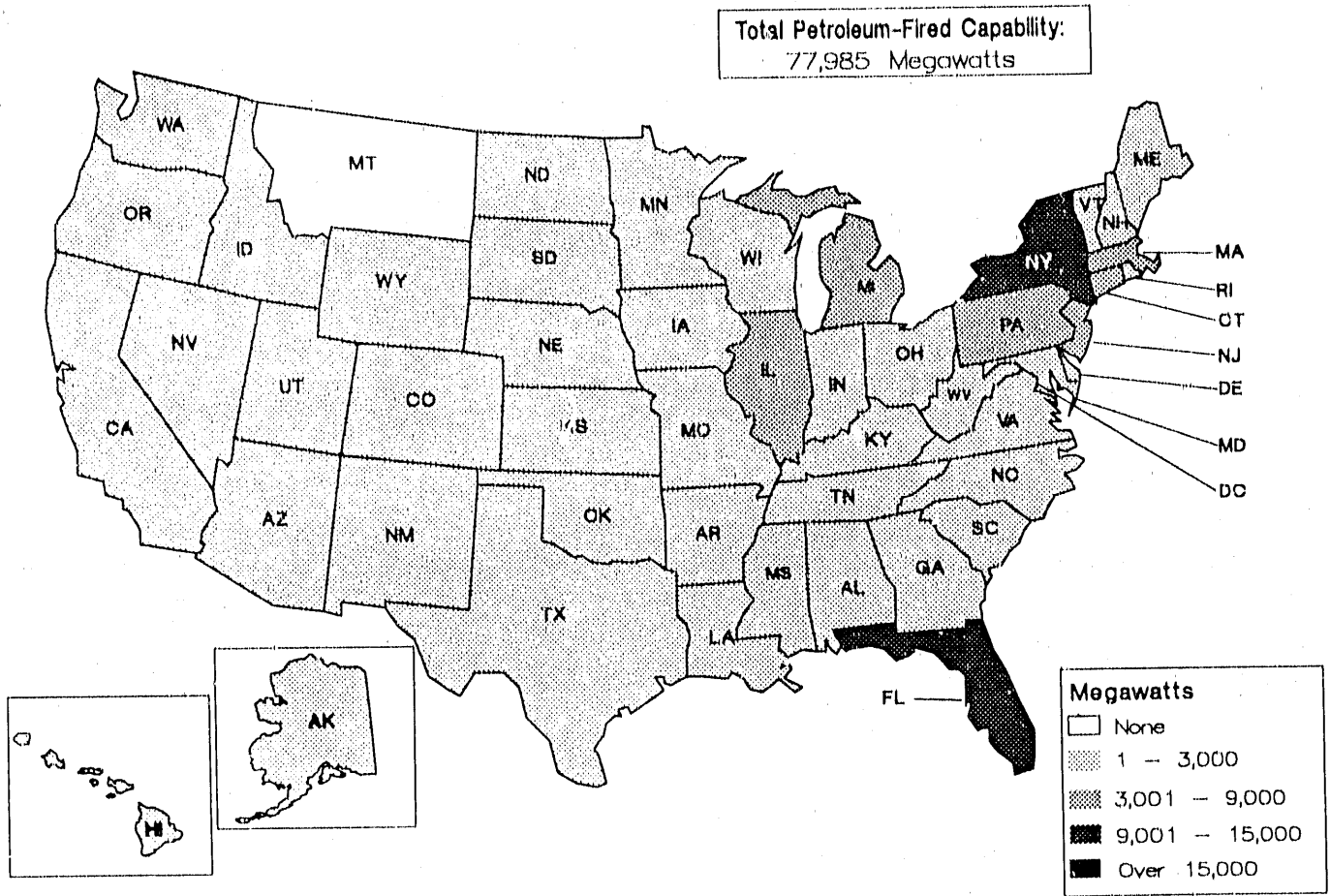
Notes: •Other generating capability, which includes geothermal, solar, and wind, accounts for less than one percent of the total •IC is internal combustion. •Percentages may not sum to 100 percent because of independent rounding •Conventional Steam includes refuse, steam, waste heat, and wood.  
 Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Figure 3. Coal-Fired Generating Capability, as of December 31, 1989



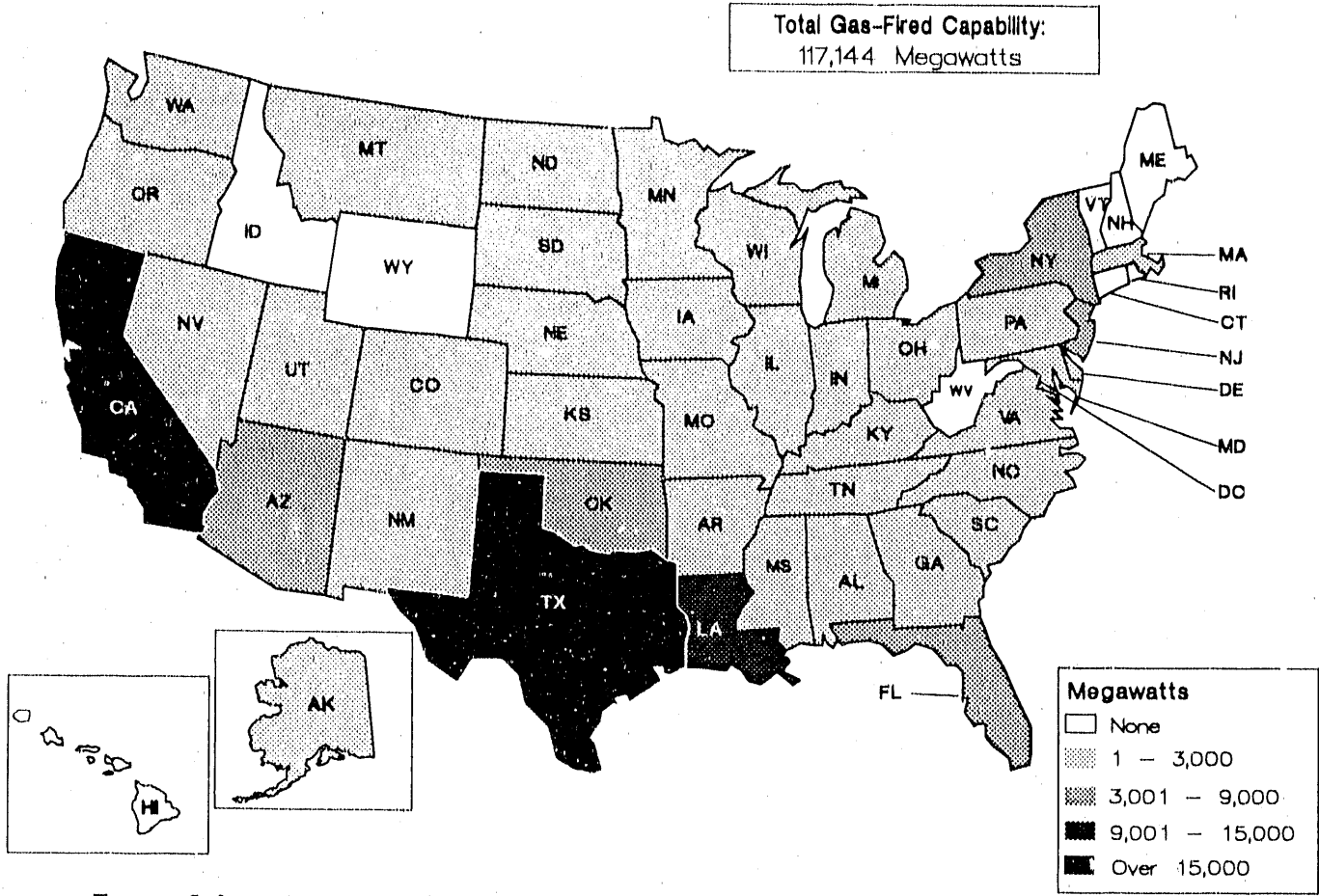
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Figure 4. Petroleum-Fired Generating Capability, as of December 31, 1989



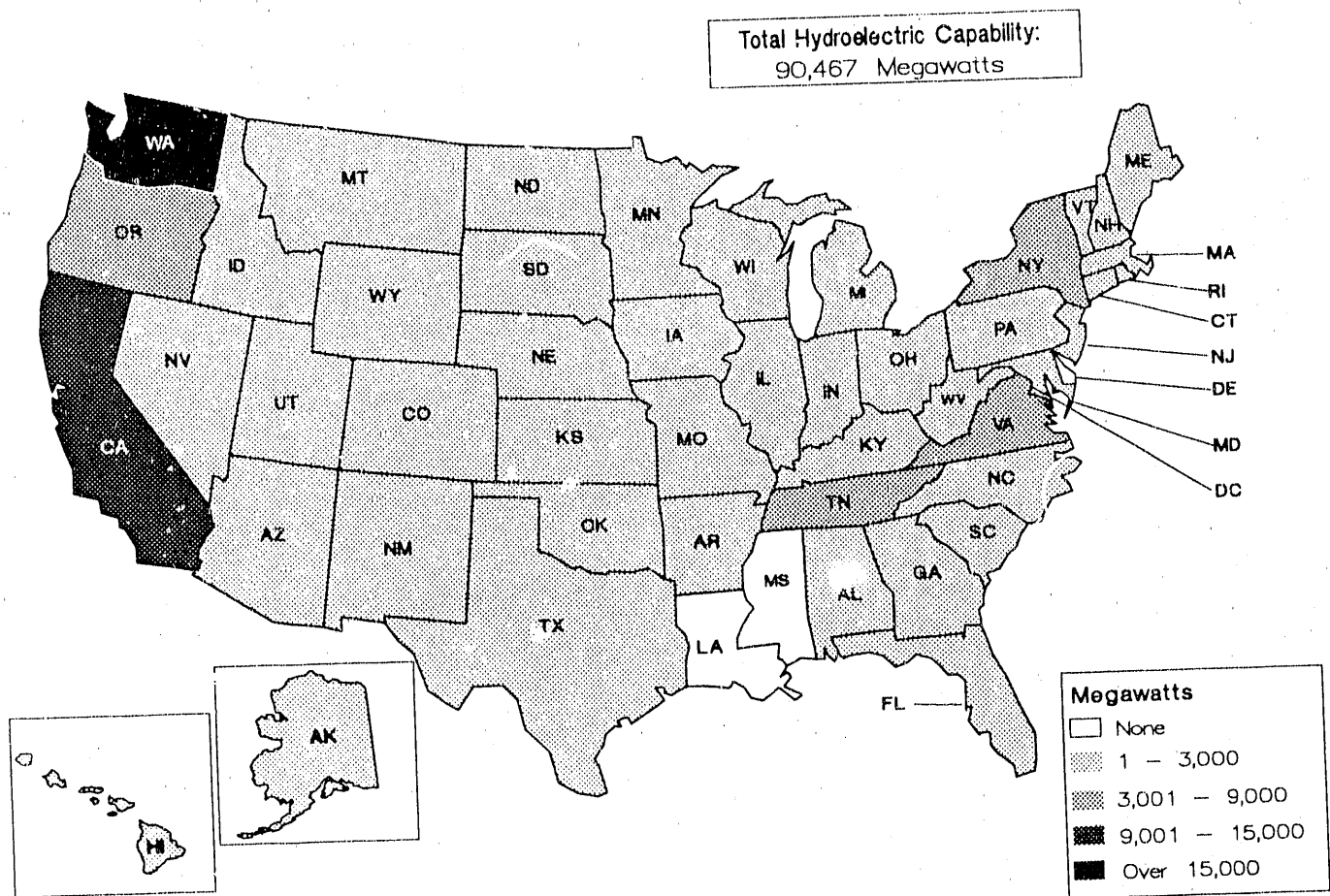
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Figure 5. Gas-Fired Generating Capability, as of December 31, 1989



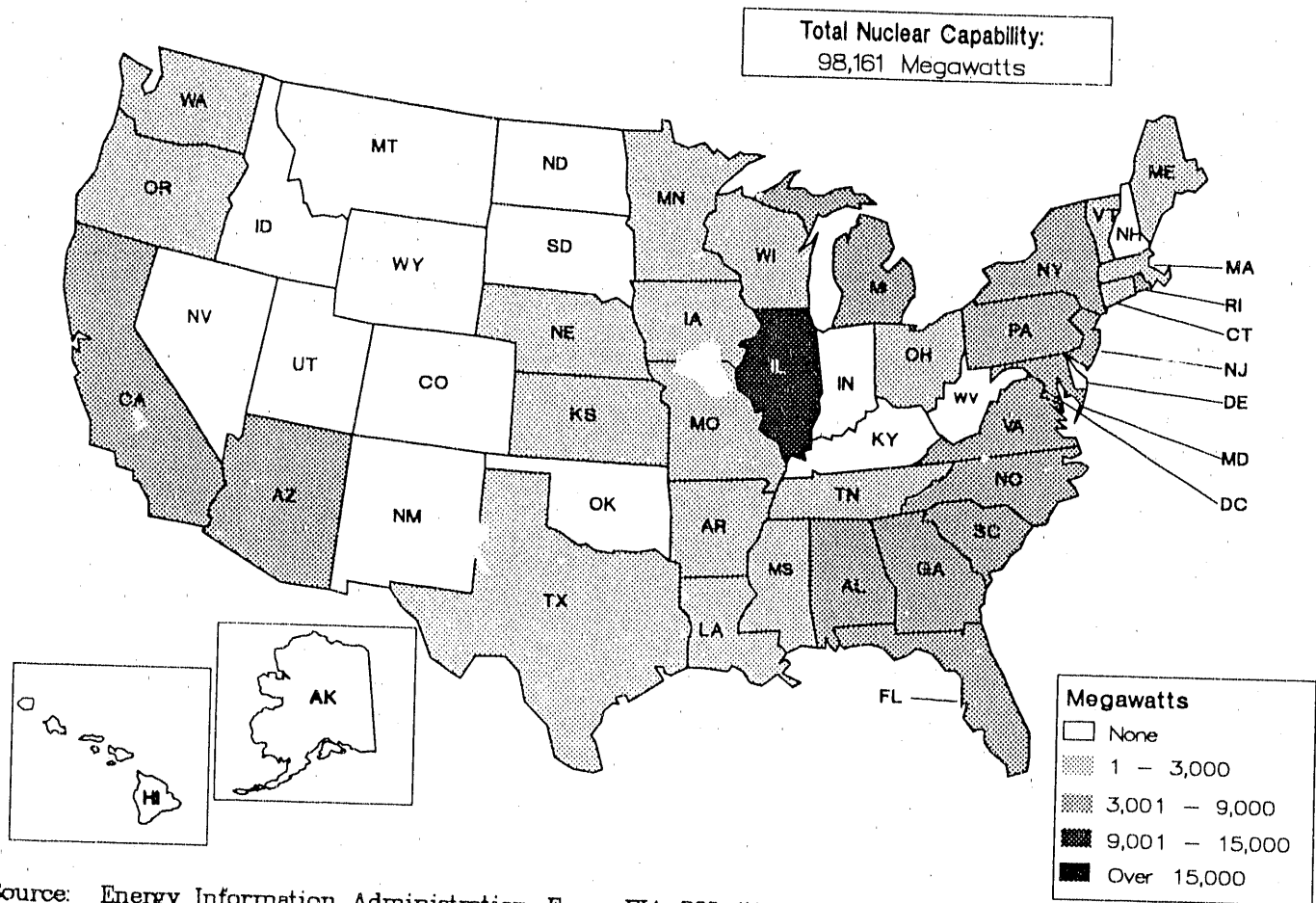
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Figure 6. Hydroelectric Generating Capability, as of December 31, 1989



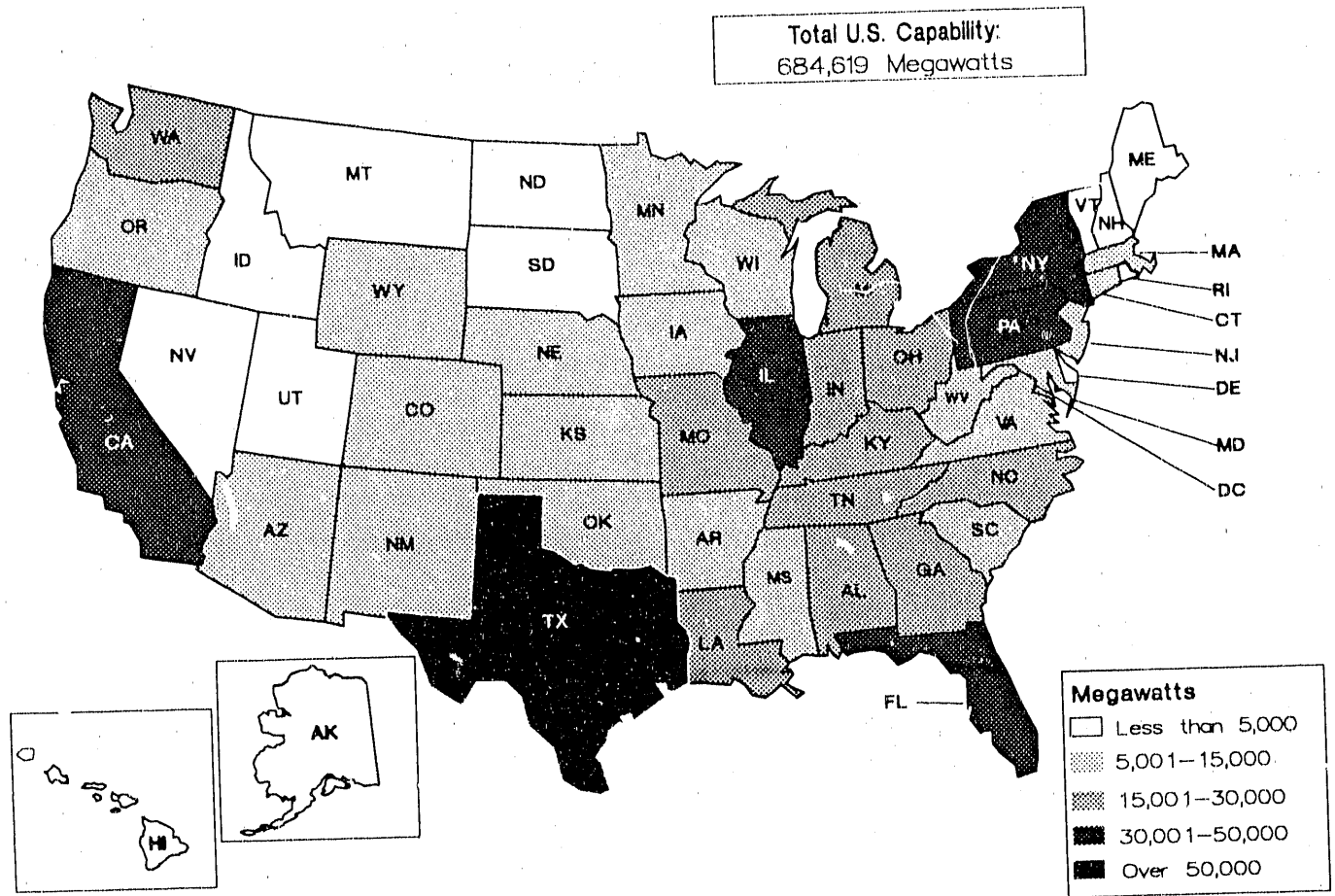
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Figure 7. Nuclear Generating Capability, as of December 31, 1989



Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Figure 8. U.S. Generating Capability, as of December 31, 1989



Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 1. Operable Capacity and Planned Capacity Additions by Energy Source, as of December 31, 1989**

Primary Energy Source	Operable Capacity				Planned Additions <sup>1</sup>			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>U.S. Total</b>	<b>10,328</b>	<b>730,883</b>	<b>684,619</b>	<b>696,034</b>	<b>368</b>	<b>46,494</b>	<b>41,232</b>	<b>43,530</b>
Coal	1,250	320,044	296,614	298,642	39	17,183	15,813	15,906
Petroleum	3,389	86,225	77,985	83,689	56	3,483	2,865	3,353
Gas	1,992	125,859	117,144	120,692	152	14,767	12,033	13,783
Water	3,479	87,506	90,467	89,513	100	3,391	3,502	3,421
Nuclear	110	106,748	98,161	99,155	5	6,170	5,790	5,790
Other	108	4,502	4,248	4,943	16	1,501	1,227	1,277
Geothermal	24	1,794	1,606	1,611	-	-	-	-
Refuse	13	276	244	249	-	-	-	-
Steam	1	37	29	29	-	-	-	-
Sun	7	3	3	3	-	-	-	-
Waste Heat	37	2,168	2,145	2,222	2	2	2	2
Wind	15	-	-	-	14	1,499	1,225	1,274
Wood	11	223	221	228	-	-	-	-

<sup>1</sup> Planned additions are for 1990 through 1999

<sup>2</sup> Capacity less than 0.5 megawatts.

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 2. Capacity Additions and Retirements in 1989, by Energy Source**

Primary Energy Source	Added Capacity				Retired Capacity			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>U.S. Total</b>	<b>72</b>	<b>7,548</b>	<b>6,966</b>	<b>7,288</b>	<b>65</b>	<b>980</b>	<b>789</b>	<b>805</b>
Coal	2	2,006	1,967	1,967	12	424	379	380
Petroleum	38	781	705	865	27	60	44	58
Gas	17	992	794	949	7	84	79	79
Water	10	105	106	106	13	4	3	4
Nuclear	3	3,661	3,391	3,398	1	336	217	217
Other	2	3	3	3	5	71	66	66

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 3. Fossil-Fueled Operable Capacity and Planned Fossil-Fueled Capacity Additions by Prime Mover and Primary Energy Source, as of December 31, 1989**

Prime Mover Energy Source	Operable Capacity				Planned Additions <sup>1</sup>			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>U.S. Total</b>	<b>6,631</b>	<b>532,127</b>	<b>491,743</b>	<b>503,022</b>	<b>247</b>	<b>35,433</b>	<b>30,712</b>	<b>33,042</b>
<b>Steam</b>	<b>2,315</b>	<b>472,723</b>	<b>441,731</b>	<b>444,521</b>	<b>44</b>	<b>17,633</b>	<b>16,186</b>	<b>16,301</b>
Coal	1,250	320,044	296,614	298,642	39	17,183	15,813	15,906
Petroleum	311	54,258	50,967	51,475	-	-	-	-
Gas	74	98,421	94,150	94,404	5	450	373	394
<b>Gas Turbine/Internal Combustion</b>	<b>4,326</b>	<b>59,405</b>	<b>50,012</b>	<b>58,502</b>	<b>203</b>	<b>17,799</b>	<b>14,526</b>	<b>16,741</b>
Petroleum	3,048	31,967	27,018	32,214	56	3,483	2,865	3,353
Gas	1,278	27,438	22,994	26,287	147	14,317	11,661	13,389

<sup>1</sup> Planned additions are for 1990 through 1999

<sup>2</sup> Combined cycle units with supplementary firing.

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."



**Table 4. Fossil-Fueled Steam-Electric and Nuclear Steam-Electric Operable Capacity and Planned Capacity Additions, as of December 31, 1989**

Primary Energy Source	Operable Capacity				Number of Units	Planned Additions <sup>1</sup>		
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>U.S. Total</b>	<b>2,415</b>	<b>579,471</b>	<b>539,892</b>	<b>543,676</b>	<b>49</b>	<b>23,803</b>	<b>21,976</b>	<b>22,091</b>
Coal	1,250	320,044	296,614	298,642	39	17,183	15,813	15,906
Petroleum	341	54,258	50,967	51,475	25	450	373	394
Gas	714	98,421	94,150	94,404	5	6,170	5,790	5,790
Nuclear	110	106,748	98,161	99,155				

<sup>1</sup> Planned additions are for 1990 through 1999.

<sup>2</sup> Combined cycle units with supplementary firing.

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 5. Operable Capacity by Prime Mover and Energy Source Category, as of December 31, 1989**

Prime Mover Energy Source	Operable Capacity			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>U.S. Total</b>	<b>10,328</b>	<b>730,883</b>	<b>684,619</b>	<b>696,034</b>
<b>Steam</b>	<b>2,366</b>	<b>475,413</b>	<b>444,360</b>	<b>447,239</b>
Coal Only	986	282,662	261,646	263,455
Other Solids Only <sup>1</sup>	7	74	72	72
Petroleum Only	211	35,341	33,365	33,755
Gas Only	94	10,664	10,110	10,122
Other Solids/Coal <sup>1</sup>	12	394	362	362
Solids/Petroleum <sup>2</sup>	62	7,926	7,727	7,776
Solids/Gas <sup>2</sup>	205	27,382	25,377	25,536
Solids/Petroleum/Gas <sup>2</sup>	22	2,666	2,459	2,484
Petroleum/Gas	730	106,114	101,077	101,436
Other <sup>3</sup>	37	2,192	2,164	2,241
<b>Gas Turbine</b>	<b>1,438</b>	<b>54,452</b>	<b>45,420</b>	<b>53,826</b>
Petroleum Only	639	23,862	19,943	24,411
Gas Only	108	3,451	2,892	3,256
Petroleum/Gas	690	27,126	22,575	26,149
Other <sup>3</sup>	1	13	10	10
<b>Internal Combustion</b>	<b>2,889</b>	<b>4,966</b>	<b>4,602</b>	<b>4,685</b>
Petroleum Only	1,726	2,546	2,408	2,448
Gas Only	18	29	25	25
Petroleum/Gas	1,145	2,391	2,170	2,212
<b>Nuclear</b>	<b>110</b>	<b>106,748</b>	<b>98,161</b>	<b>99,155</b>
<b>Hydroelectric</b>	<b>3,479</b>	<b>87,506</b>	<b>90,467</b>	<b>89,513</b>
<b>Geothermal</b>	<b>24</b>	<b>1,794</b>	<b>1,606</b>	<b>1,611</b>
<b>Solar</b>	<b>7</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>Wind</b>	<b>15</b>	<b>.</b>	<b>.</b>	<b>.</b>

<sup>1</sup> Other Solids include wood and refuse.

<sup>2</sup> Solids include Coal, Wood and Refuse.

<sup>3</sup> Other includes waste heat and steam.

<sup>4</sup> Capacity less than 0.5 megawatts.

Notes: •Total may not equal the sum of components because of independent rounding. •Sufficient data are not available to determine which units can burn more than one energy source without an appreciable loss in capability when burning the alternate energy source. •This table is a summary of the energy sources that the electric generating units are capable of using.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 6. Planned Capacity Additions by Year,  
as of December 31, 1989**

Year	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>Total</b> .....	<b>368</b>	<b>46,494</b>	<b>41,232</b>	<b>43,530</b>
1990 .....	43	4,592	4,141	4,282
1991 .....	38	6,671	6,238	6,443
1992 .....	35	2,685	2,460	2,579
1993 .....	34	2,801	2,443	2,655
1994 .....	44	3,634	3,218	3,399
1995 .....	39	8,085	7,294	7,558
1996 .....	37	5,417	4,692	5,105
1997 .....	29	4,321	3,706	3,953
1998 .....	35	4,766	4,169	4,409
1999 .....	34	3,524	2,871	3,149

Note: Total may not equal the sum of components because of independent rounding.  
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 7. Planned Coal and Petroleum-Fired Capacity Additions by Year,  
as of December 31, 1989**

Year	Coal				Petroleum			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>Total</b> .....	<b>39</b>	<b>17,183</b>	<b>15,813</b>	<b>15,906</b>	<b>56</b>	<b>3,483</b>	<b>2,865</b>	<b>3,353</b>
1990 .....	4	1,179	1,006	1,020	13	549	452	543
1991 .....	4	2,885	2,735	2,779	9	295	245	294
1992 .....	2	566	518	518	5	463	379	439
1993 .....	1	393	393	393	7	476	391	452
1994 .....	2	1,205	1,143	1,143	2	178	146	175
1995 .....	5	2,966	2,780	2,780	3	82	68	81
1996 .....	4	2,452	2,256	2,263	8	810	663	770
1997 .....	7	1,860	1,710	1,724	3	230	190	219
1998 .....	7	2,552	2,372	2,386	2	202	165	182
1999 .....	3	1,126	900	900	4	198	166	199

Note: Total may not equal the sum of components because of independent rounding.  
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 8. Planned Gas-Fired and Hydroelectric Capacity Additions by Year, as of December 31, 1989**

Year	Gas				Hydroelectric			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>Total</b>	<b>152</b>	<b>14,767</b>	<b>12,033</b>	<b>13,783</b>	<b>100</b>	<b>3,391</b>	<b>3,502</b>	<b>3,421</b>
1990	10	325	270	303	13	51	52	51
1991	7	516	423	507	10	491	515	543
1992	9	630	518	601	16	951	983	954
1993	15	1,333	1,093	1,246	9	354	366	355
1994	17	1,413	1,159	1,331	18	387	400	362
1995	18	2,212	1,799	2,070	9	1,007	1,036	1,009
1996	22	2,087	1,704	2,004	3	68	69	68
1997	18	2,228	1,804	2,008	1	2	2	2
1998	14	1,867	1,504	1,706	10	34	34	33
1999	22	2,156	1,760	2,006	5	44	46	44

Note: Total may not equal the sum of components because of independent rounding.  
 Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 9. Planned Nuclear and Other Capacity Additions by Year, as of December 31, 1989**

Year	Nuclear				Other			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>Total</b>	<b>5</b>	<b>6,170</b>	<b>5,790</b>	<b>5,790</b>	<b>16</b>	<b>1,501</b>	<b>1,227</b>	<b>1,277</b>
1990	2	2,415	2,300	2,300	1	72	60	65
1991	2	2,485	2,320	2,320	-	-	-	-
1992	-	-	-	-	3	74	62	67
1993	-	-	-	-	2	245	200	208
1994	-	-	-	-	5	451	370	388
1995	1	1,270	1,170	1,170	3	548	441	440
1996	-	-	-	-	-	-	-	-
1997	-	-	-	-	2	111	94	102
1998	-	-	-	-	-	-	-	-
1999	-	-	-	-	-	-	-	-

Note: Total may not equal the sum of components because of independent rounding.  
 Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 10. Planned Capacity Retirements by Year, as of December 31, 1989**

Year	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>Total</b>	170	4,394	4,100	4,294
1990	35	625	572	579
1991	17	434	368	413
1992	11	440	409	445
1993	7	152	155	156
1994	27	191	183	183
1995	27	736	704	729
1996	10	283	249	259
1997	10	306	305	337
1998	14	623	582	618
1999	12	604	574	575

Note: Total may not equal the sum of components because of independent rounding.  
 Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 11. Planned Coal and Petroleum-Fired Capacity Retirements by Year, as of December 31, 1989**

Year	Coal			Petroleum				
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>Total</b>	12	401	382	368	71	1,644	1,534	1,676
1990	9	342	306	309	18	164	150	153
1991	1	8	8	8	12	251	223	262
1992	-	-	-	-	7	240	238	273
1993	-	-	-	-	6	125	125	126
1994	-	-	-	-	3	105	100	100
1995	1	2	2	2	9	131	114	120
1996	-	-	-	-	4	2	2	2
1997	1	50	47	48	3	100	95	124
1998	-	-	-	-	4	222	204	233
1999	-	-	-	-	5	304	283	283

Note: Total may not equal the sum of components because of independent rounding.  
 Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 12. Planned Gas-Fired and Hydroelectric Capacity Retirements by Year, as of December 31, 1989**

Year	Number of Units	Gas			Number of Units	Hydroelectric		
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
Total .....	68	2,259	2,121	2,168	16	17	14	15
1990 .....	5	47	48	48	-	-	-	-
1991 .....	4	176	136	143	-	-	-	-
1992 .....	4	200	171	173	-	-	-	-
1993 .....	1	27	30	30	-	-	-	-
1994 .....	8	68	69	69	16	17	14	15
1995 .....	17	603	588	607	-	-	-	-
1996 .....	6	281	248	257	-	-	-	-
1997 .....	6	156	163	165	-	-	-	-
1998 .....	10	401	377	385	-	-	-	-
1999 .....	7	300	291	292	-	-	-	-

Note: Total may not equal the sum of components because of independent rounding.  
 Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 13. Planned Nuclear and Other Capacity Retirements by Year, as of December 31, 1989**

Year	Number of Units	Nuclear			Number of Units	Other		
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
Total .....	-	-	-	-	3	73	69	69
1990 .....	-	-	-	-	3	73	69	69
1991 .....	-	-	-	-	-	-	-	-
1992 .....	-	-	-	-	-	-	-	-
1993 .....	-	-	-	-	-	-	-	-
1994 .....	-	-	-	-	-	-	-	-
1995 .....	-	-	-	-	-	-	-	-
1996 .....	-	-	-	-	-	-	-	-
1997 .....	-	-	-	-	-	-	-	-
1998 .....	-	-	-	-	-	-	-	-
1999 .....	-	-	-	-	-	-	-	-

Note: Other includes geothermal, refuse, solar, waste heat, wind, and wood.  
 Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 14. Operable Capacity and Planned Capacity Additions by Energy Source and North American Electric Reliability Council, as of December 31, 1989**

NERC Region Primary Energy Source	Operable Capacity <sup>1</sup>				Planned Additions <sup>2</sup>			
	Number of Units	Generator Nameplate (Megawatts)	Summer Capability (Megawatts)	Winter Capability (Megawatts)	Number of Units	Generator Nameplate (Megawatts)	Summer Capability (Megawatts)	Winter Capability (Megawatts)
<b>U.S. Total</b>	<b>10,332</b>	<b>730,803</b>	<b>684,619</b>	<b>696,034</b>	<b>368</b>	<b>46,494</b>	<b>41,232</b>	<b>43,530</b>
Coal	1,250	320,044	296,614	298,042	39	17,183	15,813	15,906
Petroleum	3,389	86,225	77,985	83,089	56	3,483	2,865	3,353
Gas	1,992	125,859	117,144	120,692	152	14,767	12,033	13,783
Water	3,479	87,506	90,467	89,513	100	3,391	3,502	3,421
Nuclear	110	106,748	98,161	99,155	5	6,170	5,790	5,790
Other	108	4,502	4,248	4,343	16	1,501	1,227	1,277
<b>ASCC</b>	<b>426</b>	<b>1,764</b>	<b>1,546</b>	<b>1,691</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>2</b>
Coal	5	54	56	56				
Petroleum	347	544	502	544	1			
Gas	26	823	671	764				
Water	43	242	236	236	3	1	1	1
Nuclear								
Other	5	102	81	92				
<b>ECAR</b>	<b>1,147</b>	<b>111,166</b>	<b>102,545</b>	<b>104,183</b>	<b>36</b>	<b>4,674</b>	<b>4,248</b>	<b>4,719</b>
Coal	375	89,556	82,615	83,515	4	1,908	1,810	1,810
Petroleum	323	6,156	5,761	6,186	1	75	62	74
Gas	121	2,189	1,835	2,110	28	2,820	2,301	2,763
Water	314	4,548	4,382	4,356	3	70	75	72
Nuclear	9	8,388	7,729	7,784				
Other	5	330	223	232				
<b>ERCOT</b>	<b>369</b>	<b>53,203</b>	<b>49,733</b>	<b>49,971</b>	<b>20</b>	<b>10,367</b>	<b>9,221</b>	<b>9,381</b>
Coal	24	14,980	13,871	13,874	12	6,169	5,504	5,560
Petroleum	34	66	54	55				
Gas	264	34,747	32,646	32,937	12	1,764	1,413	1,517
Water	41	469	479	421	2	4	4	4
Nuclear	2	2,709	2,501	2,501	2	2,430	2,300	2,300
Other	4	231	183	183				
<b>HICC</b>	<b>78</b>	<b>1,535</b>	<b>1,483</b>	<b>1,484</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Coal								
Petroleum	73	1,527	1,476	1,477				
Gas								
Water	4	3	3	3				
Nuclear								
Other	1	4	4	4				
<b>MAIN</b>	<b>745</b>	<b>55,222</b>	<b>49,511</b>	<b>50,465</b>	<b>26</b>	<b>1,636</b>	<b>1,359</b>	<b>1,611</b>
Coal	139	30,643	27,327	27,512	1	60	60	60
Petroleum	281	6,603	5,668	6,163	3	225	185	222
Gas	106	852	702	796	19	1,343	1,106	1,321
Water	201	1,024	944	864	3	8	8	8
Nuclear	17	16,139	14,870	15,129				
Other	1							
<b>MAAC</b>	<b>463</b>	<b>54,567</b>	<b>50,071</b>	<b>52,661</b>	<b>33</b>	<b>4,382</b>	<b>3,678</b>	<b>4,051</b>
Coal	73	18,777	17,278	17,506	2	835	790	820
Petroleum	234	13,588	12,161	13,402	12	948	780	868
Gas	81	6,013	5,564	6,372	17	2,433	1,971	2,221
Water	61	2,401	2,331	2,449				
Nuclear	13	13,653	12,617	12,807				
Other	1	135	120	124	2	166	136	142
<b>MAPP</b>	<b>1,304</b>	<b>31,955</b>	<b>30,376</b>	<b>31,392</b>	<b>18</b>	<b>1,605</b>	<b>1,438</b>	<b>1,568</b>
Coal	142	19,501	18,713	18,800	2	860	823	830
Petroleum	676	3,045	2,716	3,270	6	167	140	167
Gas	239	2,093	1,876	2,119	9	578	475	570
Water	220	3,000	3,161	3,165	1			
Nuclear	8	4,104	3,699	3,816				
Other	19	213	211	223				
<b>NPCC</b>	<b>1,291</b>	<b>57,073</b>	<b>54,460</b>	<b>56,294</b>	<b>28</b>	<b>1,483</b>	<b>1,415</b>	<b>1,413</b>
Coal	50	7,822	7,579	7,608				
Petroleum	436	25,436	24,088	25,250				
Gas	96	4,792	4,219	4,678	1	36	30	36

See footnotes at end of table.

**Table 14. Operable Capacity and Planned Capacity Additions by Energy Source and North American Electric Reliability Council, as of December 31, 1989 (Continued)**

NERC Region Primary Energy Source	Operable Capacity <sup>1</sup>				Planned Additions <sup>2</sup>			
	Number of Units	Generator Nameplate (Megawatts)	Summer Capability (Megawatts)	Winter Capability (Megawatts)	Number of Units	Generator Nameplate (Megawatts)	Summer Capability (Megawatts)	Winter Capability (Megawatts)
<b>NPCC</b>								
Water	690	7,782	8,172	8,230	26	227	234	227
Nuclear	14	10,975	10,172	10,295	1	1,200	1,150	1,150
Other	5	265	229	234				
<b>SERC</b>	<b>1,436</b>	<b>157,000</b>	<b>145,129</b>	<b>147,371</b>	<b>87</b>	<b>14,047</b>	<b>12,854</b>	<b>13,236</b>
Coal	253	76,280	70,854	71,445	8	3,007	2,906	2,906
Petroleum	374	21,781	18,804	20,176	22	1,726	1,416	1,681
Gas	201	10,147	9,000	9,621	34	3,646	2,972	3,265
Water	559	15,469	15,575	15,156	12	2,215	2,271	2,260
Nuclear	33	32,865	30,255	30,306	2	2,540	2,340	2,340
Other	16	458	630	666	9	913	749	783
<b>SPP</b>	<b>1,161</b>	<b>75,139</b>	<b>70,468</b>	<b>70,919</b>	<b>34</b>	<b>2,428</b>	<b>1,918</b>	<b>2,152</b>
Coal	87	29,220	27,098	27,108	2	776	550	550
Petroleum	420	3,193	2,806	3,056	5	28	25	29
Gas	537	34,492	32,478	32,632	24	1,591	1,307	1,541
Water	107	2,766	3,004	3,019	3	32	34	32
Nuclear	5	5,317	4,840	4,863				
Other	5	152	242	242				
<b>WSCC</b>	<b>1,932</b>	<b>132,259</b>	<b>129,296</b>	<b>129,602</b>	<b>74</b>	<b>5,692</b>	<b>5,302</b>	<b>5,397</b>
Coal	115	33,210	31,213	31,217	8	3,568	3,370	3,370
Petroleum	191	4,285	3,948	4,110	6	314	258	310
Gas	321	29,752	28,154	28,664	8	555	457	549
Water	1,248	49,801	52,179	51,614	47	833	875	817
Nuclear	11	12,599	11,478	11,655				
Other	46	2,612	2,324	2,343	5	422	342	352

<sup>1</sup> Beginning with the 1986 edition of *Inventory of Power Plants in the United States*, NERC region totals are aggregates based on company ownership of electric generating units/capacity within region. That is, for each electric generating unit that is owned jointly by companies that are associated with different NERC regions, the unit along with the share of capacity for each owner company has been allocated to the respective NERC regions of the companies. Therefore, U.S. total number of units do not equal the sum of the individual NERC region total number of units. In prior issues, NERC region totals are aggregates based on the assignment of units/capacity to the NERC region with which the utility operating the unit is associated.

<sup>2</sup> Planned additions are for 1990 through 1999.

<sup>3</sup> Capacity less than 0.5 megawatts.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 15. Operable Capacity and Planned Capacity Additions by Energy Source and Federal Region, as of December 31, 1989**

Federal Region Primary Energy Source	Operable Capacity				Planned Additions <sup>1</sup>			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>U.S. Total</b>	<b>10,328</b>	<b>730,883</b>	<b>684,619</b>	<b>698,034</b>	<b>388</b>	<b>48,494</b>	<b>41,232</b>	<b>43,630</b>
Coal	1,250	320,044	298,614	298,642	39	17,183	15,813	15,906
Petroleum	3,389	86,225	77,985	83,689	56	3,483	2,865	3,353
Gas	1,992	125,859	117,144	120,692	152	14,767	12,033	13,783
Water	3,479	87,508	90,467	89,513	100	3,391	3,502	3,421
Nuclear	110	106,748	98,161	99,155	5	6,170	5,790	5,790
Other	108	4,502	4,248	4,343	16	1,501	1,227	1,277
<b>Federal Region 1</b>	<b>689</b>	<b>22,668</b>	<b>22,286</b>	<b>22,942</b>	<b>12</b>	<b>1,314</b>	<b>1,260</b>	<b>1,283</b>
Coal	15	2,773	2,755	2,784	-	-	-	-
Petroleum	289	11,104	10,745	11,278	-	-	-	-
Gas	7	31	26	31	1	36	30	36
Water	385	2,754	3,105	3,120	10	77	80	77
Nuclear	8	5,741	5,408	5,496	1	1,200	1,150	1,150
Other	5	265	229	234	-	-	-	-
<b>Federal Region 2</b>	<b>742</b>	<b>48,172</b>	<b>44,870</b>	<b>47,303</b>	<b>28</b>	<b>1,750</b>	<b>1,452</b>	<b>1,573</b>
Coal	41	5,801	5,534	5,563	-	-	-	-
Petroleum	217	18,339	17,000	18,132	1	100	82	98
Gas	141	9,086	8,186	9,302	10	1,485	1,202	1,309
Water	332	5,417	5,400	5,442	16	149	154	150
Nuclear	10	9,394	8,629	8,740	-	-	-	-
Other	1	135	120	124	1	16	14	17
<b>Federal Region 3</b>	<b>585</b>	<b>79,480</b>	<b>73,422</b>	<b>75,414</b>	<b>33</b>	<b>4,367</b>	<b>3,822</b>	<b>4,145</b>
Coal	141	44,135	40,939	41,575	4	1,621	1,576	1,606
Petroleum	242	13,004	11,530	12,501	17	1,210	995	1,127
Gas	32	1,692	1,573	1,720	9	1,242	1,008	1,158
Water	151	5,511	5,522	5,644	-	-	-	-
Nuclear	15	14,994	13,789	13,901	-	-	-	-
Other	4	144	69	72	3	294	242	254
<b>Federal Region 4</b>	<b>1,457</b>	<b>159,197</b>	<b>146,892</b>	<b>149,928</b>	<b>85</b>	<b>13,953</b>	<b>12,460</b>	<b>13,102</b>
Coal	283	82,917	76,666	77,197	7	2,787	2,600	2,600
Petroleum	353	20,030	17,338	18,538	17	1,439	1,180	1,399
Gas	228	12,489	11,250	11,913	37	4,132	3,364	3,777
Water	551	14,093	14,145	13,697	15	2,285	2,346	2,332
Nuclear	29	29,211	26,863	26,914	2	2,540	2,340	2,340
Other	13	457	630	660	7	769	629	654
<b>Federal Region 5</b>	<b>2,035</b>	<b>131,581</b>	<b>120,719</b>	<b>123,334</b>	<b>52</b>	<b>5,393</b>	<b>4,738</b>	<b>5,320</b>
Coal	452	88,390	81,257	81,977	5	1,802	1,790	1,790
Petroleum	736	13,114	11,838	12,996	-	-	-	-
Gas	253	2,938	2,514	2,892	44	3,583	2,939	3,522
Water	547	3,150	3,011	3,013	3	8	8	8
Nuclear	26	23,613	21,755	22,099	-	-	-	-
Other	21	377	344	359	-	-	-	-
<b>Federal Region 6</b>	<b>884</b>	<b>111,761</b>	<b>105,073</b>	<b>105,394</b>	<b>39</b>	<b>10,981</b>	<b>9,732</b>	<b>9,974</b>
Coal	67	36,804	34,315	34,323	12	6,169	5,504	5,560
Petroleum	109	431	390	392	-	-	-	-
Gas	566	64,430	60,664	61,018	20	2,346	1,891	2,078
Water	128	2,803	2,987	2,944	5	36	37	36
Nuclear	6	6,790	6,206	6,206	2	2,430	2,300	2,300
Other	8	503	511	511	-	-	-	-
<b>Federal Region 7</b>	<b>1,434</b>	<b>41,684</b>	<b>37,838</b>	<b>38,660</b>	<b>40</b>	<b>2,679</b>	<b>2,119</b>	<b>2,416</b>
Coal	132	26,690	24,438	24,495	2	776	550	550
Petroleum	785	3,636	3,034	3,496	13	397	330	396
Gas	427	5,550	4,955	5,223	24	1,506	1,239	1,471
Water	80	1,379	1,356	1,277	1	-	-	-
Nuclear	5	4,406	4,034	4,145	-	-	-	-
Other	5	23	21	24	-	-	-	-
<b>Federal Region 8</b>	<b>581</b>	<b>30,040</b>	<b>29,135</b>	<b>29,240</b>	<b>18</b>	<b>1,125</b>	<b>1,062</b>	<b>1,068</b>
Coal	90	22,525	21,401	21,418	2	860	823	830
Petroleum	143	700	600	719	3	25	21	25
Gas	72	770	751	791	3	136	113	136
Water	268	6,009	6,350	6,278	10	104	105	77

See footnotes at end of table.



**Table 15. Operable Capacity and Planned Capacity Additions by Energy Source and Federal Region, as of December 31, 1989 (Continued)**

Federal Region Primary Energy Source	Operable Capacity				Planned Additions <sup>1</sup>			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>Federal Region 8</b>								
Nuclear .....	8	30	34	34				
Other .....								
<b>Federal Region 9</b>	<b>935</b>	<b>80,608</b>	<b>85,247</b>	<b>85,788</b>	<b>44</b>	<b>4,760</b>	<b>4,392</b>	<b>4,481</b>
Coal .....	21	8,066	7,448	7,448	7	3,168	2,970	2,970
Petroleum .....	170	4,967	4,669	4,730	4	312	256	308
Gas .....	227	26,985	25,620	25,994	4	300	247	296
Water .....	473	16,186	16,233	16,155	24	548	577	556
Nuclear .....	9	10,183	9,774	9,451	5	422	342	352
Other .....	35	2,222	2,002	2,008				
<b>Federal Region 10</b>	<b>1,008</b>	<b>37,691</b>	<b>39,156</b>	<b>39,033</b>	<b>17</b>	<b>183</b>	<b>195</b>	<b>185</b>
Coal .....	8	1,944	1,862	1,862				
Petroleum .....	365	899	840	907	1			
Gas .....	39	1,888	1,606	1,808				
Water .....	584	30,204	32,357	31,942	16	182	194	185
Nuclear .....	2	2,418	2,204	2,204				
Other .....	8	341	287	311				

<sup>1</sup> Planned additions are for 1990 through 1999.

\* Capacity less than 0.5 megawatts.

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report"

**Table 16. Operable Capacity and Planned Capacity Additions by Energy Source and Census Division, as of December 31, 1989**

Census Division Primary Energy Source	Operable Capacity				Planned Additions <sup>1</sup>			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>U.S. Total</b>	<b>10,328</b>	<b>700,883</b>	<b>684,819</b>	<b>696,034</b>	<b>388</b>	<b>46,494</b>	<b>41,232</b>	<b>43,530</b>
Coal	1,250	320,044	296,814	298,842	39	17,183	15,813	15,908
Petroleum	3,389	86,225	77,985	83,689	50	3,483	2,865	3,353
Gas	1,992	125,859	117,144	120,692	152	14,767	12,033	13,783
Water	3,479	87,506	90,487	89,513	100	3,391	3,502	3,421
Nuclear	110	106,748	98,161	99,155	5	6,170	5,790	5,790
Other	108	4,502	4,248	4,343	16	1,501	1,227	1,277
<b>New England</b>	<b>669</b>	<b>22,688</b>	<b>22,266</b>	<b>22,942</b>	<b>12</b>	<b>1,314</b>	<b>1,260</b>	<b>1,263</b>
Coal	15	2,773	2,755	2,784	-	-	-	-
Petroleum	269	11,104	10,745	11,278	-	-	-	-
Gas	7	31	26	31	1	36	30	36
Water	385	2,754	3,105	3,120	10	77	80	77
Nuclear	8	5,741	5,406	5,406	1	1,200	1,150	1,150
Other	5	265	229	234	-	-	-	-
<b>Middle Atlantic</b>	<b>982</b>	<b>85,109</b>	<b>78,275</b>	<b>81,730</b>	<b>28</b>	<b>1,750</b>	<b>1,462</b>	<b>1,573</b>
Coal	106	25,212	23,042	23,432	-	-	-	-
Petroleum	326	24,090	21,962	23,612	1	100	82	98
Gas	152	9,348	8,428	9,626	10	1,485	1,202	1,309
Water	377	7,275	7,277	7,335	16	149	154	150
Nuclear	19	18,905	17,376	17,529	-	-	-	-
Other	2	279	189	196	1	16	14	17
<b>East North Central</b>	<b>1,698</b>	<b>122,391</b>	<b>111,951</b>	<b>114,163</b>	<b>49</b>	<b>4,793</b>	<b>4,174</b>	<b>4,724</b>
Coal	397	82,612	75,541	76,175	4	1,402	1,390	1,390
Petroleum	568	11,945	10,789	11,726	-	-	-	-
Gas	206	2,681	2,275	2,633	42	3,383	2,776	3,326
Water	493	3,012	2,874	2,876	3	8	8	8
Nuclear	23	21,858	20,215	20,488	-	-	-	-
Other	11	283	256	266	-	-	-	-
<b>West North Central</b>	<b>1,903</b>	<b>58,207</b>	<b>53,778</b>	<b>55,104</b>	<b>47</b>	<b>3,823</b>	<b>3,176</b>	<b>3,527</b>
Coal	207	37,026	34,519	34,669	4	1,636	1,373	1,380
Petroleum	1,021	5,242	4,419	5,186	14	420	349	419
Gas	485	5,924	5,297	5,598	28	1,767	1,454	1,728
Water	167	3,738	3,859	3,779	1	-	-	-
Nuclear	8	6,161	5,574	5,756	-	-	-	-
Other	15	116	109	116	-	-	-	-
<b>South Atlantic</b>	<b>1,331</b>	<b>139,016</b>	<b>128,474</b>	<b>130,992</b>	<b>94</b>	<b>12,873</b>	<b>11,253</b>	<b>11,989</b>
Coal	215	67,964	63,569	64,009	8	3,012	2,904	2,934
Petroleum	446	24,706	21,608	23,050	33	2,573	2,114	2,451
Gas	175	9,815	8,735	9,240	33	3,889	3,161	3,511
Water	452	10,425	10,318	10,292	12	2,215	2,271	2,260
Nuclear	27	25,648	23,614	23,735	-	-	-	-
Other	16	458	630	666	8	983	802	833
<b>East South Central</b>	<b>471</b>	<b>62,724</b>	<b>58,435</b>	<b>58,922</b>	<b>24</b>	<b>5,647</b>	<b>5,029</b>	<b>5,258</b>
Coal	144	39,677	36,528	36,894	3	1,397	1,272	1,272
Petroleum	40	2,577	2,297	2,510	1	75	62	74
Gas	74	4,104	3,846	4,069	13	1,485	1,211	1,424
Water	205	7,321	7,472	7,158	3	70	75	72
Nuclear	8	9,046	8,291	8,291	2	2,540	2,340	2,340
Other	-	-	-	-	2	80	69	76
<b>West South Central</b>	<b>829</b>	<b>106,199</b>	<b>99,962</b>	<b>100,273</b>	<b>39</b>	<b>10,981</b>	<b>9,732</b>	<b>9,974</b>
Coal	54	32,512	30,421	30,429	12	6,169	5,504	5,560
Petroleum	103	403	367	367	-	-	-	-
Gas	537	63,248	59,532	59,877	20	2,346	1,891	2,078
Water	122	2,748	2,931	2,888	5	36	37	36
Nuclear	6	6,790	6,206	6,206	2	2,430	2,300	2,300
Other	7	498	596	596	-	-	-	-
<b>Mountain</b>	<b>813</b>	<b>51,530</b>	<b>48,788</b>	<b>49,063</b>	<b>42</b>	<b>4,842</b>	<b>4,506</b>	<b>4,589</b>
Coal	194	30,324	28,377	28,388	8	3,568	3,370	3,370
Petroleum	123	537	500	542	6	314	258	310
Gas	168	6,899	6,255	6,450	5	375	308	370
Water	406	9,519	9,954	9,833	21	405	421	382

See footnotes at end of table.

**Table 16. Operable Capacity and Planned Capacity Additions by Energy Source and Census Division, as of December 31, 1989 (Continued)**

Census Division Primary Energy Source	Operable Capacity				Planned Additions <sup>1</sup>			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>Mountain</b>								
Nuclear .....	3	4,210	3,663	3,810	-	-	-	-
Other .....	9	41	39	39	2	180	149	158
	<b>1,128</b>	<b>79,740</b>	<b>79,660</b>	<b>79,670</b>	<b>29</b>	<b>670</b>	<b>647</b>	<b>629</b>
<b>Pacific</b>								
Coal .....	3	1,890	1,806	1,806	-	-	-	-
Petroleum .....	73	3,550	3,318	3,398	-	-	-	-
Gas .....	162	22,986	22,079	22,405	-	-	-	-
Water .....	845	40,467	42,438	41,994	26	428	454	436
Nuclear .....	8	8,390	7,815	7,845	-	-	-	-
Other .....	37	2,456	2,204	2,222	3	242	193	194
	<b>504</b>	<b>3,299</b>	<b>3,029</b>	<b>3,175</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>Noncontiguous</b>								
Coal .....	5	54	56	56	-	-	-	-
Petroleum .....	420	2,071	1,978	2,020	1	-	-	-
Gas .....	26	823	671	764	-	-	-	-
Water .....	47	245	239	239	3	1	1	1
Nuclear .....	-	-	-	-	-	-	-	-
Other .....	6	106	85	96	-	-	-	-

<sup>1</sup> Planned additions are for 1990 through 1999.

\* Capacity less than 0.5 megawatts.

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 17. Operable Capacity and Planned Capacity Additions by Energy Source and State, as of December 31, 1989**

State Primary Energy Source	Operable Capacity				Planned Additions <sup>1</sup>			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>U.S. Total</b> .....	<b>10,328</b>	<b>730,883</b>	<b>684,619</b>	<b>696,034</b>	<b>368</b>	<b>46,494</b>	<b>41,232</b>	<b>43,530</b>
Coal .....	1,250	320,044	296,614	298,642	29	17,183	15,813	15,906
Petroleum .....	3,389	86,225	77,985	83,689	56	3,483	2,865	3,353
Gas .....	1,992	125,859	117,144	120,692	152	14,767	12,033	13,783
Water .....	3,479	87,506	90,467	89,513	100	3,391	3,502	3,421
Nuclear .....	110	106,748	98,161	99,155	5	6,170	5,790	5,790
Other .....	108	4,502	4,248	4,343	16	1,501	1,227	1,277
<b>Alabama</b> .....	<b>145</b>	<b>20,547</b>	<b>19,424</b>	<b>19,464</b>	<b>8</b>	<b>1,376</b>	<b>1,239</b>	<b>1,316</b>
Coal .....	41	11,914	11,171	11,213	2	831	792	792
Petroleum .....	2	67	65	67	-	-	-	-
Gas .....	8	476	400	472	6	545	447	524
Water .....	89	2,857	2,934	2,859	-	-	-	-
Nuclear .....	5	5,233	4,853	4,853	-	-	-	-
Other .....	-	-	-	-	-	-	-	-
<b>Alaska</b> .....	<b>426</b>	<b>1,764</b>	<b>1,546</b>	<b>1,691</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>2</b>
Coal .....	5	54	56	56	-	-	-	-
Petroleum .....	347	544	502	544	1	-	-	-
Gas .....	26	823	671	764	-	-	-	-
Water .....	43	242	236	236	3	1	1	1
Nuclear .....	-	-	-	-	-	-	-	-
Other .....	5	102	81	92	-	-	-	-
<b>Arizona</b> .....	<b>122</b>	<b>16,112</b>	<b>14,570</b>	<b>14,818</b>	<b>10</b>	<b>1,263</b>	<b>1,139</b>	<b>1,184</b>
Coal .....	13	5,297	4,756	4,756	2	794	720	720
Petroleum .....	6	102	78	78	-	-	-	-
Gas .....	62	3,818	3,334	3,435	4	300	247	296
Water .....	36	2,685	2,739	2,739	4	169	172	168
Nuclear .....	3	4,210	3,663	3,810	-	-	-	-
Other .....	-	-	-	-	-	-	-	-
<b>Arkansas</b> .....	<b>102</b>	<b>9,834</b>	<b>9,625</b>	<b>9,625</b>	<b>4</b>	<b>132</b>	<b>116</b>	<b>119</b>
Coal .....	5	3,958	3,817	3,817	-	-	-	-
Petroleum .....	34	231	221	221	-	-	-	-
Gas .....	21	2,639	2,606	2,606	1	100	83	87
Water .....	40	1,160	1,287	1,287	3	32	34	32
Nuclear .....	2	1,845	1,694	1,694	-	-	-	-
Other .....	-	-	-	-	-	-	-	-
<b>California</b> .....	<b>662</b>	<b>45,875</b>	<b>44,280</b>	<b>44,508</b>	<b>23</b>	<b>621</b>	<b>597</b>	<b>581</b>
Coal .....	-	-	-	-	-	-	-	-
Petroleum .....	59	3,250	3,036	3,091	-	-	-	-
Gas .....	149	21,621	21,144	21,360	-	-	-	-
Water .....	414	12,513	12,490	12,412	20	379	404	387
Nuclear .....	6	5,974	5,611	5,641	-	-	-	-
Other .....	34	2,218	1,998	2,004	3	242	193	194
<b>Colorado</b> .....	<b>170</b>	<b>6,704</b>	<b>6,639</b>	<b>6,675</b>	<b>2</b>	<b>165</b>	<b>153</b>	<b>138</b>
Coal .....	31	5,054	4,942	4,942	-	-	-	-
Petroleum .....	53	220	221	257	-	-	-	-
Gas .....	38	391	400	406	1	75	62	74
Water .....	48	1,039	1,076	1,070	1	90	92	64
Nuclear .....	-	-	-	-	-	-	-	-
Other .....	-	-	-	-	-	-	-	-
<b>Connecticut</b> .....	<b>90</b>	<b>7,431</b>	<b>7,142</b>	<b>7,335</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Coal .....	1	400	385	385	-	-	-	-
Petroleum .....	48	3,383	3,335	3,477	-	-	-	-
Gas .....	-	-	-	-	-	-	-	-
Water .....	35	133	141	141	-	-	-	-
Nuclear .....	4	3,425	3,217	3,269	-	-	-	-
Other .....	2	90	64	64	-	-	-	-
<b>Delaware</b> .....	<b>30</b>	<b>2,131</b>	<b>1,955</b>	<b>2,031</b>	<b>2</b>	<b>250</b>	<b>204</b>	<b>212</b>
Coal .....	5	959	919	924	-	-	-	-
Petroleum .....	23	942	848	882	-	-	-	-
Gas .....	2	230	187	225	1	100	83	87
Water .....	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 17. Operable Capacity and Planned Capacity Additions by Energy Source and State, as of December 31, 1989 (Continued)**

State Primary Energy Source	Operable Capacity				Planned Additions <sup>1</sup>			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>Delaware</b>								
Nuclear .....	1				1	150	122	125
Other .....								
<b>District of Columbia</b>	4	868	806	870				
Coal .....								
Petroleum .....	4	868	806	870				
Gas .....								
Water .....								
Nuclear .....								
Other .....								
<b>Florida</b>	370	36,211	32,680	33,700	43	4,775	3,955	4,312
Coal .....	29	10,820	9,898	9,948	2	485	458	458
Petroleum .....	192	13,581	11,821	12,489	16	1,364	1,119	1,325
Gas .....	130	7,375	6,608	6,884	20	2,238	1,818	1,951
Water .....	7	43	46	45				
Nuclear .....	5	4,110	3,825	3,832	5	689	560	578
Other .....	7	282	482	502				
<b>Georgia</b>	199	23,052	20,688	20,782	7	1,148	1,176	1,193
Coal .....	39	14,549	12,951	12,951				
Petroleum .....	39	1,851	1,494	1,598				
Gas .....	4	89	74	74				
Water .....	113	2,433	2,465	2,456	7	1,148	1,176	1,193
Nuclear .....	4	4,130	3,703	3,703				
Other .....								
<b>Hawaii</b>	78	1,535	1,483	1,484				
Coal .....								
Petroleum .....	73	1,527	1,476	1,477				
Gas .....								
Water .....	4	3	3	3				
Nuclear .....								
Other .....	1	4	4	4				
<b>Idaho</b>	114	2,063	2,229	2,180	7	133	143	136
Coal .....								
Petroleum .....	4	55	56	56				
Gas .....								
Water .....	110	2,008	2,174	2,125	7	133	143	136
Nuclear .....								
Other .....								
<b>Illinois</b>	333	36,870	32,581	33,283	2	83	71	78
Coal .....	61	17,243	14,934	15,063				
Petroleum .....	170	5,382	4,615	4,910				
Gas .....	75	500	412	474	2	83	71	78
Water .....	14	11	10	10				
Nuclear .....	13	13,734	12,609	12,826				
Other .....								
<b>Indiana</b>	152	22,902	20,648	20,880	10	1,122	914	1,098
Coal .....	80	21,614	19,579	19,717				
Petroleum .....	37	521	497	545				
Gas .....	15	675	500	541	10	1,122	914	1,098
Water .....	20	92	76	76				
Nuclear .....								
Other .....								
<b>Iowa</b>	403	8,491	7,792	8,039	10	289	241	289
Coal .....	53	6,251	5,855	5,841				
Petroleum .....	270	682	579	676	5	144	120	144
Gas .....	52	807	693	831	4	145	121	145
Water .....	24	130	124	127	1			
Nuclear .....	1	597	520	540				
Other .....	3	23	21	24				

See footnotes at end of table.

**Table 17. Operable Capacity and Planned Capacity Additions by Energy Source and State, as of December 31, 1989 (Continued)**

State Primary Energy Source	Operable Capacity				Planned Additions <sup>1</sup>			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>Kansas</b> .....	<b>440</b>	<b>10,783</b>	<b>9,568</b>	<b>9,651</b>	<b>7</b>	<b>19</b>	<b>18</b>	<b>21</b>
Coal .....	20	5,762	5,064	5,064	-	-	-	-
Petroleum .....	233	678	593	611	4	-	-	-
Gas .....	177	3,106	2,773	2,816	3	10	9	10
Water .....	7	2	2	2	-	10	9	10
Nuclear .....	1	1,236	1,135	1,158	-	-	-	-
Other .....	2	-	-	-	-	-	-	-
<b>Kentucky</b> .....	<b>109</b>	<b>16,779</b>	<b>15,023</b>	<b>15,250</b>	<b>10</b>	<b>1,491</b>	<b>1,248</b>	<b>1,384</b>
Coal .....	57	15,552	13,818	14,040	1	566	480	480
Petroleum .....	13	203	185	200	1	75	62	74
Gas .....	9	277	225	244	5	780	631	758
Water .....	30	746	795	766	3	70	75	72
Nuclear .....	-	-	-	-	-	-	-	-
Other .....	-	-	-	-	-	-	-	-
<b>Louisiana</b> .....	<b>125</b>	<b>18,012</b>	<b>16,824</b>	<b>16,817</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Coal .....	6	3,572	3,343	3,343	-	-	-	-
Petroleum .....	10	52	44	44	-	-	-	-
Gas .....	106	12,051	11,224	11,216	-	-	-	-
Water .....	-	-	-	-	-	-	-	-
Nuclear .....	2	2,236	2,011	2,011	-	-	-	-
Other .....	1	101	203	203	-	-	-	-
<b>Maine</b> .....	<b>189</b>	<b>2,396</b>	<b>2,379</b>	<b>2,409</b>	<b>7</b>	<b>70</b>	<b>73</b>	<b>70</b>
Coal .....	-	-	-	-	-	-	-	-
Petroleum .....	57	1,148	1,128	1,148	-	-	-	-
Gas .....	-	-	-	-	-	-	-	-
Water .....	131	358	390	390	7	70	73	70
Nuclear .....	1	890	860	870	-	-	-	-
Other .....	-	-	-	-	-	-	-	-
<b>Maryland</b> .....	<b>105</b>	<b>10,431</b>	<b>9,632</b>	<b>10,034</b>	<b>19</b>	<b>2,531</b>	<b>2,176</b>	<b>2,415</b>
Coal .....	14	4,257	3,972	4,011	2	835	790	820
Petroleum .....	60	2,655	2,441	2,604	11	848	698	770
Gas .....	16	1,197	1,141	1,168	6	848	687	825
Water .....	13	494	428	531	-	-	-	-
Nuclear .....	2	1,829	1,650	1,720	-	-	-	-
Other .....	-	-	-	-	-	-	-	-
<b>Massachusetts</b> .....	<b>193</b>	<b>10,057</b>	<b>9,945</b>	<b>10,296</b>	<b>1</b>	<b>36</b>	<b>30</b>	<b>36</b>
Coal .....	9	1,764	1,750	1,763	-	-	-	-
Petroleum .....	109	5,626	5,364	5,675	-	-	-	-
Gas .....	7	31	26	31	1	36	30	36
Water .....	64	1,648	1,853	1,870	-	-	-	-
Nuclear .....	2	863	834	837	-	-	-	-
Other .....	2	125	118	120	-	-	-	-
<b>Michigan</b> .....	<b>579</b>	<b>24,101</b>	<b>22,460</b>	<b>22,797</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Coal .....	82	13,084	12,029	12,069	-	-	-	-
Petroleum .....	178	3,568	3,464	3,591	-	-	-	-
Gas .....	67	779	711	856	-	-	-	-
Water .....	247	2,343	2,210	2,211	-	-	-	-
Nuclear .....	5	4,326	4,045	4,070	-	-	-	-
Other .....	-	-	-	-	-	-	-	-
<b>Minnesota</b> .....	<b>337</b>	<b>9,190</b>	<b>8,769</b>	<b>9,171</b>	<b>3</b>	<b>600</b>	<b>563</b>	<b>596</b>
Coal .....	55	5,778	5,716	5,802	1	400	400	400
Petroleum .....	168	1,169	1,048	1,270	-	-	-	-
Gas .....	47	257	239	259	2	200	163	196
Water .....	54	137	137	137	-	-	-	-
Nuclear .....	3	1,755	1,540	1,611	-	-	-	-
Other .....	10	94	88	92	-	-	-	-
<b>Mississippi</b> .....	<b>52</b>	<b>7,186</b>	<b>6,992</b>	<b>7,031</b>	<b>4</b>	<b>240</b>	<b>202</b>	<b>218</b>
Coal .....	9	2,190	2,250	2,250	-	-	-	-
Petroleum .....	5	894	895	895	-	-	-	-
Gas .....	37	2,730	2,705	2,744	2	160	133	142

See footnotes at end of table.

**Table 17. Operable Capacity and Planned Capacity Additions by Energy Source and State, as of December 31, 1989 (Continued)**

State	Operable Capacity					Planned Additions <sup>1</sup>			
	Primary Energy Source	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>Mississippi</b>									
Water									
Nuclear	1	1,373	1,142	1,142	2	80	69	76	
Other									
<b>Missouri</b>	<b>333</b>	<b>16,712</b>	<b>15,103</b>	<b>15,476</b>	<b>21</b>	<b>2,159</b>	<b>1,687</b>	<b>1,899</b>	
Coal	47	11,891	10,649	10,718	2	776	550	550	
Petroleum	176	1,828	1,475	1,755	4	244	201	241	
Gas	80	803	792	846	15	1,139	936	1,108	
Water	29	1,064	1,062	980					
Nuclear	1	1,236	1,125	1,177					
Other									
<b>Montana</b>	<b>100</b>	<b>4,929</b>	<b>4,898</b>	<b>4,075</b>					
Coal	6	2,514	2,260	2,267					
Petroleum									
Gas	3	133	120	141					
Water	84	2,269	2,506	2,455					
Nuclear									
Other	7	13	13	13					
<b>Nebraska</b>	<b>250</b>	<b>5,698</b>	<b>5,375</b>	<b>5,495</b>	<b>2</b>	<b>212</b>	<b>173</b>	<b>208</b>	
Coal	12	2,985	2,869	2,872					
Petroleum	106	448	387	455					
Gas	118	745	697	730	2	212	173	208	
Water	20	183	168	168					
Nuclear	2	1,338	1,254	1,270					
Other									
<b>Nevada</b>	<b>73</b>	<b>5,085</b>	<b>4,914</b>	<b>4,976</b>	<b>11</b>	<b>2,866</b>	<b>2,655</b>	<b>2,716</b>	
Coal	8	2,769	2,692	2,692	5	2,374	2,250	2,250	
Petroleum	32	87	79	85	4	312	256	308	
Gas	16	1,245	1,142	1,199					
Water	17	984	1,001	1,000					
Nuclear					2	180	149	158	
Other									
<b>New Hampshire</b>	<b>51</b>	<b>1,405</b>	<b>1,482</b>	<b>1,521</b>	<b>1</b>	<b>1,200</b>	<b>1,150</b>	<b>1,150</b>	
Coal	5	609	620	636					
Petroleum	7	534	542	565					
Gas									
Water	39	262	320	320	1	1,200	1,150	1,150	
Nuclear									
Other									
<b>New Jersey</b>	<b>119</b>	<b>14,771</b>	<b>13,616</b>	<b>14,891</b>	<b>12</b>	<b>1,601</b>	<b>1,298</b>	<b>1,424</b>	
Coal	9	1,757	1,652	1,681					
Petroleum	50	4,007	3,658	4,160	1	100	82	98	
Gas	52	4,325	3,993	4,655	10	1,485	1,202	1,309	
Water	3	387	330	330					
Nuclear	4	4,160	3,863	3,941					
Other	1	135	120	124	1	16	14	17	
<b>New Mexico</b>	<b>55</b>	<b>5,562</b>	<b>5,111</b>	<b>5,122</b>					
Coal	13	4,292	3,894	3,894					
Petroleum	6	28	24	25					
Gas	29	1,182	1,132	1,141					
Water	6	54	56	56					
Nuclear									
Other	1	5	5	5					
<b>New York</b>	<b>623</b>	<b>33,401</b>	<b>31,254</b>	<b>32,412</b>	<b>16</b>	<b>149</b>	<b>154</b>	<b>150</b>	
Coal	32	4,044	3,882	3,842					
Petroleum	167	14,332	13,342	13,972					
Gas	89	4,762	4,193	4,647					
Water	329	5,030	5,070	5,112	16	149	154	150	
Nuclear	6	5,234	4,766	4,799					
Other									

See footnotes at end of table.

**Table 17. Operable Capacity and Planned Capacity Additions by Energy Source and State, as of December 31, 1989 (Continued)**

State Primary Energy Source	Operable Capacity			Planned Additions <sup>1</sup>				
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>North Carolina</b>	<b>206</b>	<b>20,901</b>	<b>20,180</b>	<b>20,310</b>	-	-	-	-
Coal	47	12,550	12,470	12,543	-	-	-	-
Petroleum	38	938	776	899	-	-	-	-
Gas	8	230	178	218	-	-	-	-
Water	105	1,948	1,979	1,857	-	-	-	-
Nuclear	5	5,125	4,698	4,698	-	-	-	-
Other	3	103	80	96	-	-	-	-
<b>North Dakota</b>	<b>50</b>	<b>4,677</b>	<b>4,525</b>	<b>4,555</b>	<b>1</b>	<b>460</b>	<b>423</b>	<b>430</b>
Coal	14	4,044	3,876	3,882	1	460	423	430
Petroleum	29	108	94	118	-	-	-	-
Gas	2	8	10	10	-	-	-	-
Water	5	517	545	545	-	-	-	-
Nuclear	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
<b>Ohio</b>	<b>239</b>	<b>27,525</b>	<b>25,676</b>	<b>26,314</b>	<b>16</b>	<b>2,260</b>	<b>2,085</b>	<b>2,237</b>
Coal	120	23,290	21,866	22,202	3	1,342	1,330	1,330
Petroleum	76	1,258	1,097	1,292	-	-	-	-
Gas	30	457	398	469	13	918	755	907
Water	7	119	120	120	-	-	-	-
Nuclear	2	2,215	2,041	2,071	-	-	-	-
Other	4	186	154	160	-	-	-	-
<b>Oklahoma</b>	<b>158</b>	<b>13,589</b>	<b>12,779</b>	<b>12,837</b>	<b>4</b>	<b>322</b>	<b>263</b>	<b>316</b>
Coal	10	5,210	4,828	4,833	-	-	-	-
Petroleum	26	66	58	58	-	-	-	-
Gas	85	7,345	6,889	6,928	4	322	263	316
Water	37	968	1,033	1,018	-	-	-	-
Nuclear	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
<b>Oregon</b>	<b>189</b>	<b>10,606</b>	<b>11,236</b>	<b>11,280</b>	-	-	-	-
Coal	1	561	530	530	-	-	-	-
Petroleum	4	119	109	122	-	-	-	-
Gas	6	410	345	373	-	-	-	-
Water	175	8,113	8,988	8,979	-	-	-	-
Nuclear	1	1,216	1,104	1,104	-	-	-	-
Other	2	188	160	172	-	-	-	-
<b>Pennsylvania</b>	<b>240</b>	<b>36,938</b>	<b>33,405</b>	<b>34,426</b>	-	-	-	-
Coal	65	19,411	17,508	17,869	-	-	-	-
Petroleum	109	5,752	4,962	5,480	-	-	-	-
Gas	11	262	242	324	-	-	-	-
Water	45	1,858	1,877	1,892	-	-	-	-
Nuclear	9	9,511	8,747	8,789	-	-	-	-
Other	1	144	69	72	-	-	-	-
<b>Rhode Island</b>	<b>25</b>	<b>273</b>	<b>262</b>	<b>266</b>	-	-	-	-
Coal	-	-	-	-	-	-	-	-
Petroleum	24	271	260	265	-	-	-	-
Gas	-	-	-	-	-	-	-	-
Water	1	2	1	1	-	-	-	-
Nuclear	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
<b>South Carolina</b>	<b>211</b>	<b>16,310</b>	<b>14,909</b>	<b>15,211</b>	<b>11</b>	<b>2,383</b>	<b>2,300</b>	<b>2,339</b>
Coal	24	5,314	4,818	4,860	2	906	870	870
Petroleum	44	1,084	950	1,043	-	-	-	-
Gas	12	691	545	668	4	410	335	402
Water	121	2,348	2,183	2,182	5	1,068	1,095	1,067
Nuclear	7	6,799	6,346	6,390	-	-	-	-
Other	3	73	69	69	-	-	-	-
<b>South Dakota</b>	<b>82</b>	<b>2,656</b>	<b>2,647</b>	<b>2,718</b>	<b>3</b>	<b>84</b>	<b>70</b>	<b>85</b>
Coal	6	515	489	489	-	-	-	-
Petroleum	39	328	243	302	1	23	19	23
Gas	9	108	93	106	2	61	51	62
Water	28	1,705	1,821	1,821	-	-	-	-

See footnotes at end of table.



**Table 17. Operable Capacity and Planned Capacity Additions by Energy Source and State, as of December 31, 1989 (Continued)**

State Primary Energy Source	Operable Capacity				Planned Additions <sup>1</sup>			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
<b>South Dakota</b>								
Nuclear	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
<b>Tennessee</b>	<b>185</b>	<b>10,213</b>	<b>10,996</b>	<b>17,177</b>	<b>2</b>	<b>2,540</b>	<b>2,340</b>	<b>2,340</b>
Coal	37	10,020	9,289	9,301	-	-	-	-
Petroleum	20	1,413	1,152	1,348	-	-	-	-
Gas	20	921	518	610	-	-	-	-
Water	88	3,717	3,743	3,532	-	-	-	-
Nuclear	2	2,441	2,296	2,296	2	2,540	2,340	2,340
Other	-	-	-	-	-	-	-	-
<b>Texas</b>	<b>444</b>	<b>64,765</b>	<b>60,734</b>	<b>60,993</b>	<b>31</b>	<b>10,527</b>	<b>9,353</b>	<b>9,539</b>
Coal	33	10,772	10,433	10,430	12	6,189	5,504	5,560
Petroleum	33	53	44	44	-	-	-	-
Gas	325	41,213	38,813	39,127	15	1,924	1,545	1,678
Water	45	620	640	582	2	4	4	4
Nuclear	2	2,709	2,501	2,501	2	2,430	2,300	2,300
Other	6	397	303	303	-	-	-	-
<b>Utah</b>	<b>126</b>	<b>5,209</b>	<b>4,738</b>	<b>4,724</b>	<b>12</b>	<b>416</b>	<b>415</b>	<b>415</b>
Coal	14	4,808	4,424	4,424	1	400	400	400
Petroleum	13	26	24	25	2	2	2	2
Gas	20	129	127	128	-	-	-	-
Water	79	222	141	127	9	14	13	13
Nuclear	-	-	-	-	-	-	-	-
Other	1	24	21	21	-	-	-	-
<b>Vermont</b>	<b>121</b>	<b>1,106</b>	<b>1,057</b>	<b>1,115</b>	<b>3</b>	<b>7</b>	<b>7</b>	<b>7</b>
Coal	-	-	-	-	-	-	-	-
Petroleum	24	140	115	148	-	-	-	-
Gas	-	-	-	-	-	-	-	-
Water	95	352	399	397	3	7	7	7
Nuclear	1	563	496	520	-	-	-	-
Other	1	50	47	50	-	-	-	-
<b>Virginia</b>	<b>150</b>	<b>14,034</b>	<b>13,190</b>	<b>13,467</b>	<b>12</b>	<b>1,588</b>	<b>1,442</b>	<b>1,517</b>
Coal	24	4,549	4,225	4,311	2	786	786	786
Petroleum	45	2,769	2,461	2,650	6	362	297	356
Gas	3	4	3	3	2	294	239	246
Water	71	3,058	3,109	3,111	-	-	-	-
Nuclear	4	3,655	3,392	3,392	2	144	120	129
Other	3	-	-	-	-	-	-	-
<b>Washington</b>	<b>277</b>	<b>23,258</b>	<b>24,145</b>	<b>23,882</b>	<b>6</b>	<b>48</b>	<b>50</b>	<b>48</b>
Coal	2	1,330	1,276	1,276	-	-	-	-
Petroleum	10	181	173	186	-	-	-	-
Gas	7	655	590	671	-	-	-	-
Water	256	19,841	20,959	20,803	6	48	50	48
Nuclear	1	1,200	1,100	1,100	-	-	-	-
Other	1	51	46	46	-	-	-	-
<b>West Virginia</b>	<b>56</b>	<b>15,078</b>	<b>14,435</b>	<b>14,586</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Coal	33	14,958	14,315	14,460	-	-	-	-
Petroleum	1	19	12	16	-	-	-	-
Gas	-	-	-	-	-	-	-	-
Water	22	101	108	110	-	-	-	-
Nuclear	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
<b>Wisconsin</b>	<b>395</b>	<b>10,993</b>	<b>10,586</b>	<b>10,889</b>	<b>21</b>	<b>1,328</b>	<b>1,103</b>	<b>1,311</b>
Coal	54	7,382	7,132	7,124	1	60	60	60
Petroleum	107	1,215	1,121	1,386	-	-	-	-
Gas	19	270	253	293	17	1,260	1,035	1,243
Water	205	447	458	458	3	8	8	8
Nuclear	3	1,583	1,520	1,521	-	-	-	-
Other	7	97	102	106	-	-	-	-

See footnotes at end of table.

**Table 17. Operable Capacity and Planned Capacity Additions by Energy Source and State, as of December 31, 1989 (Continued)**

State Primary Energy Source	Operable Capacity			Planned Additions <sup>1</sup>				
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
Wyoming .....	63	5,868	5,889	5,893	-	-	-	-
Coal .....	19	5,590	5,410	5,414	-	-	-	-
Petroleum .....	9	18	18	18	-	-	-	-
Gas .....	-	-	-	-	-	-	-	-
Water .....	25	258	261	261	-	-	-	-
Nuclear .....	-	-	-	-	-	-	-	-
Other .....	-	-	-	-	-	-	-	-

<sup>1</sup> Planned additions are for 1990 through 1999.

\* Capacity less than 0.5 megawatts.

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-800, "Annual Electric Generator Report."

### 3. Operable Electric Generating Units

The net summer generating capability of operable electric generating units operated by electric utilities in the United States, as of year-end 1989, totaled 684,619 megawatts. Operable generating capacity denoted here includes all units that electric utilities have initially declared available to generate power to the electrical grid that have not been retired (dismantled or abandoned) from service. This operable capacity can be divided into two categories -- active and inactive. The active generating capacity totaled 660,551 megawatts. The remaining 24,068 megawatts of inactive operable capacity includes units that were in standby status or out of service indefinitely.

Conventional steam-electric capacity accounted for 65 percent (444,360 megawatts) of year-end 1989 operable capacity; nuclear, 14 percent (98,161 megawatts); hydroelectric, 13 percent (90,467 megawatts); gas turbine, 7 percent (45,420 megawatts); internal combustion (diesel), 1 percent (4,602 megawatts); and, geothermal, solar, and wind, less than one percent (1,609 megawatts). The conventional steam-electric capacity and gas turbine capacity include 6,863 megawatts of capacity operated in combined cycle.

Capacity in new units brought on line in 1989 totaled 6,966 megawatts. Included in this new capacity are two coal-fired units and three nuclear units. The coal-fired units are Alabama Power Company's James H Miller Jr, unit 3 and Indiana Michigan Power Company's Rockport, unit 2. The 1,300-megawatt Rockport unit is rated as the largest fossil-fueled steam-electric generating unit in the United States; only five other fossil steam units have a reported net summer capability of 1,300 megawatts. They are Rockport's twin, unit 1; Appalachian Power Company's John E Amos, unit 3 and Mountaineer, unit 1; and, Ohio Power Company's General J M Gavin, units 1 and 2. The three nuclear units that started operation in 1989 are Georgia Power Company's Vogtle, unit 2; Philadelphia Electric Company's Limerick, unit 2; and, Houston Lighting and

Power Company's South Texas, unit 2. The Limerick unit is the last of the boiling water reactors scheduled to be installed in the United States. Other new unit additions were gas turbine, internal combustion, hydroelectric, solar, and refuse-fueled steam units.

Included in the capacity that was out of service indefinitely or for an extended period is 4,678 megawatts of nuclear capacity -- The Tennessee Valley Authority's (TVA) three Browns Ferry units (3,195 megawatts), Niagara Mohawk Power Company's Nine Mile Point, unit 1 (610 megawatts), and Sacramento Municipal Utility District's Rancho Seco, unit 1 (873 megawatts).

Electric utilities have reported 10,810 megawatts of operable capacity that will undergo modifications over the next decade. These proposed modifications include fuel changes, refurbishment or life extension, repowering and upgrading of units.

Electric utilities retired 789 megawatts of capacity in 1989; fifty-eight percent of the capacity retired was in fossil-fueled steam-electric units. The fossil-fueled steam-electric units retired with capacity totaling 458 megawatts, had an average size of 24 megawatts and an average age of 41 years. Utilities have scheduled 4,100 megawatts of generating capacity for retirement over the next decade, 36 percent less than projected retirements reported last year.

The tables that follow present data about each of the electric generating units that are included in the 684,619 megawatts of operable capacity. These electric generating units are operated by electric utilities that are investor, municipally, federally, cooperatively, or State owned. Additionally, data on electric generating units that were retired during 1989 are presented. Summary data on new units and retirements are presented in Table 2; more detailed data on these additions and retirements are presented in Tables 18 and 19, respectively. Table 20 lists all operable electric generating units.

**Table 18. Electric Generating Units that Started Operation in 1989, by State, Company, and Plant**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate
<b>Alabama</b>							
Alabama Power Co James H Miller Jr (Jefferson)	3	708.5	667.3	667.3	SI	BIT	
<b>Alaska</b>							
Alaska Power & Telephone Co Craig (Prince of Wales)	8	1.1	1.1	1.1	IC	FO2	
Tok (Fairbanks North Star)	10	1.1	1.1	1.1	IC	FO2	FO1
Alaska Power Administration Snootham (Juneau)	3	31.0	31.0	31.0	HC	Water	
Alaska Village Elec Coop Inc New Stuyahok (Dillingham)	3	.3	.3	.3	IC	FO1	
Haines Light & Power Co Inc Haines (Haines)	9	1.1	1.1	1.1	IC	FO2	
Hughes Power & Light Co Hughes (UNKNOWN)	1	.	.	.	IC	FO1	
I-N-N Electric Coop Inc I-N-N Electric (UNKNOWN)	4	.6	.5	.6	IC	FO2	
Pelican Utility Co Pelican (UNKNOWN)	IC1	.3	.3	.3	IC	FO2	
Yakutat Power Inc Yakutat (Skagway-Yakutat)	5	.3	.3	.3	IC	FO2	
<b>Arizona</b>							
Citizens Utilities Co Valencia (Santa Cruz)	GT1	16.8	13.5	15.8	GT	Nat Gas	FO2
	GT2	16.8	13.5	15.8	GT	Nat Gas	FO2
	GT3	16.8	13.5	16.0	GT	Nat Gas	FO2
<b>Arkansas</b>							
North Little Rock City of Murray (Pulaski)	2	21.2	19.5	19.5	HC	Water	
<b>California</b>							
Pacific Gas & Electric Co PVUSA 1 (Yolo)	1	1.0	1.0	1.0	SP	Sun	
Turlock Irrigation District Don Pedro (Tuolumne)	**4	34.4	38.2	38.2	HC	Water	
<b>Delaware</b>							
Delmarva Power & Light Co Hay Road (New Castle)	1	115.0	93.7	112.5	GT	Nat Gas	
	2	115.0	93.7	112.5	GT	Nat Gas	
Seaford City of Seaford (Sussex)	7	1.1	1.1	1.1	IC	FO2	
<b>Florida</b>							
Florida Keys El Coop Assn Inc Marathon (Monroe)	8	2.0	2.0	2.0	IC	FO2	
	9	2.0	2.0	2.0	IC	FO2	

See footnotes at end of table.

**Table 18. Electric Generating Units that Started Operation in 1989,  
by State, Company, and Plant (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate
<b>Florida</b>							
Fort Pierce Utilities Auth Henry D King (St Lucie)	9	22.5	22.5	22.5	GT	Nat Gas	FO2
Calando Utilities Comm Indian River (Brevard)	**GT1	37.5	38.3	48.1	GT	Nat Gas	FO2
	**GT2	37.5	38.3	48.1	GT	Nat Gas	FO2
<b>Georgia</b>							
Georgia Power Co Vogtle (Burke)	**2	1,215.0	1,086.3	1,086.3	NP	Uranium	
<b>Hawaii</b>							
Hawaii Electric Light Co Inc Keaholo (Hawaii)	2	17.7	15.9	15.9	GT		FO2
Maul Electric Co Ltd Maunaloa (Maul)	13	12.5	12.5	12.5	IC		FO2
<b>Illinois</b>							
Rockelle Municipal Utilities North Ninth Street (Ogle)	10	2.5	2.3	2.6	IC	Nat Gas	FO2
	9	3.5	3.2	3.7	IC	Nat Gas	FO2
<b>Indiana</b>							
Indiana Michigan Power Co Hockport (Spartan)	**2	1300.0	1300.0	1300.0	ST		BIT
<b>Kansas</b>							
Minneapolis City of Minneapolis (Cottawa)	7	2.0	1.8	1.8	IC		FO2
<b>Maine</b>							
Central Maine Power Co Brassua (Somerset)	1	4.0	3.7	3.7	HC		Water
<b>Maryland</b>							
Easton Utilities Comm Easton 2 (Talbot)	23	6.3	6.3	6.3	IC		FO2
	23A	6.3	6.3	6.3	IC		FO2
<b>Massachusetts</b>							
Catal Electric Co Airport Diesel (Dukes)	1	1.6	1.6	1.6	IC		FO2
	2	1.6	1.6	1.6	IC		FO2
<b>Minnesota</b>							
Dolano City of Dolano (Wright)	6	1.3	1.3	1.3	IC		FO2
<b>Missouri</b>							
Memphis City of Memphis (Scotland)	10	1.0	9	1.0	IC		FO2
	11	1.0	9	1.0	IC		FO2
	12	5	4	5	IC		FO2

See footnotes at end of table

**Table 18. Electric Generating Units that Started Operation in 1989, by State, Company, and Plant (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate
<b>Missouri</b>							
Springfield City of James River (Greene)	G11	71.4	71.0	71.0	GT	Nat Gas	FO2
St Joseph Light & Power Co Lake Road (Buchanan)	6	24.0	20.0	21.0	JE	FO2	
<b>New Jersey</b>							
Jersey Central Power & Light Co Forked River (Ocean)	1	38.4	34.0	44.0	GT	FO2	
	2	38.4	34.0	44.0	GT	FO2	
<b>New York</b>							
Long Island Lighting Co Wading River (Suffolk)	02	79.5	82.3	105.3	GT	FO2	
	03	79.5	82.3	105.3	GT	FO2	
	1	79.5	82.3	105.3	GT	FO2	
<b>Ohio</b>							
Piqua City of Piqua (Miami)	11	16.3	16.0	17.5	GT	FO2	
<b>Pennsylvania</b>							
Philadelphia Electric Co Limerick (Montgomery)	2	1092.0	1055.0	1082.0	NB	Uranium	
<b>Texas</b>							
Guadalupe Blanco River Auth Canyon (Comal)	1	3.0	3.0	2.9	HC	Water	
	2	3.0	3.0	2.9	HC	Water	
Houston Lighting & Power Co South Texas (Matagorda)	112	1354.3	1250.0	1250.0	NP	Uranium	
Texas Utilities Generating Co DoCordova (Hood)	G1	89.5	85.0	80.0	GT	Nat Gas	FO2
	GT2	89.5	85.0	80.0	GT	Nat Gas	FO2
	GT3	89.5	85.0	80.0	GT	Nat Gas	FO2
	GT4	89.5	85.0	80.0	GT	Nat Gas	FO2
	GT5	89.5	85.0	80.0	GT	Nat Gas	FO2
USCF-Fort Worth District Robert D Willis (Jasper)	1	3.6	3.6	3.6	HC	Water	
	2	3.6	3.6	3.6	HC	Water	
<b>Utah</b>							
Ephraim City of Hydro Plant No 4 (Sanpete)	1	1	1	1	HC	Water	
<b>Virginia</b>							
Culpeper Town of Culpeper (Culpeper)	2A	2.0	2.0	2.0	IC	FO2	
Virginia Electric & Power Co Gravel Neck (Surry)	3	89.5	72.0	89.0	GT	FO2	Nat Gas
	4	89.5	72.0	89.0	GT	FO2	Nat Gas
	5	89.5	72.0	89.0	GT	FO2	Nat Gas
	6	89.5	72.0	89.0	GT	FO2	Nat Gas

See footnotes at end of table

**Table 18. Electric Generating Units that Started Operation in 1989, by State, Company, and Plant (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate
<b>West Virginia</b>							
Potomac Edison Co Dam 4 (Jefferson)	3	0.9	0.9	0.8	HC	Water	
<b>Wisconsin</b>							
Argyle City of Argyle (Lafayette)	4	1.1	1.2	1.2	IC	FO <sup>2</sup>	
Dahlberg Light & Power Co Solon Diesel (Douglas)	3	1.0	1.0	1.0	IC	FO <sup>2</sup>	
	4	1.0	1.0	1.0	IC	FO <sup>2</sup>	
	5	1.0	1.0	1.0	IC	FO <sup>2</sup>	
Muscoda City of Muscoda (Richland)	3	2.0	2.0	2.1	ST	Holuso	WD

<sup>1</sup> See Appendix B for definitions of codes.

<sup>2</sup> Capacity less than 0.05 megawatts.

<sup>3</sup> A jointly owned unit. See Appendix C for the list of owners.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 19. Electric Generating Units Retired from Service in 1989,  
by State, Company, and Plant**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Alabama</b>								
Alabama Power Co Gorgas (Walker)	5	89.0	81.3	81.3	ST	BIT		1944
<b>Alaska</b>								
Alaska Power & Telephone Co Tok (Fairbanks North Star)	4	.3	.3	.3	IC	FO2	FO1	1984
Polican Utility Co Polican (UNKNOWN)	2	.1	.1	.1	IC	FO2		1984
Yakutat Power Inc Yakutat (Skagway-Yakutat)	2	.4	.4	.4	IC	FO2		1986
<b>California</b>								
Pacific Gas & Electric Co The Geysers (Sonoma)	15	63.5	59.0	59.0	GE	GST		1979
<b>Colorado</b>								
Public Service Co of Colorado Fort St Vrain (Weld)	1	338.0	217.0	217.0	NH	Uranium		1976
<b>Hawaii</b>								
Hawaii Electric Light Co Inc Pohoihi (Hawaii)	1	3.0	2.4	2.4	GE	GST		1984
<b>Idaho</b>								
Bonnors Ferry City of Bonnors Ferry (Boundary)	2	1.1	1.1	1.1	IC	FO2		1973
	3	1.1	1.1	1.1	IC	FO2		1973
<b>Illinois</b>								
Geneseo City of Geneseo (Henry)	5	1.2	1.2	1.2	IC	Nat Gas	FO2	1949
Illinois Power Co Marseilles (La Salle)	1	.3	.3	.3	HC	Water		1939
	2	.3	.3	.3	HC	Water		1938
	3	.5	.5	.5	HC	Water		1943
	4	.3	.3	.3	HC	Water		1911
	5	.3	.3	.3	HC	Water		1911
	6	.3	.3	.3	HC	Water		1911
	7	.3	.3	.3	HC	Water		1911
<b>Indiana</b>								
Indianapolis Power & Light Co Perry K (Marion)	3	15.0	16.0	17.0	ST	BIT		1924
<b>Iowa</b>								
Graettinger City of Graettinger (Palo Alto)	2	.2	.2	.2	IC	FO2		1941
	3	.2	.2	.2	IC	FO2		1946
Strawberry Point City of Strawberry Point (Clayton)	1	.1	.1	.1	IC	FO2	Nat Gas	1930
	2	.2	.2	.2	IC	FO2	Nat Gas	1930
	5	.2	.2	.2	IC	FO2	Nat Gas	1937
	4	.4	.3	.3	IC	FO2	Nat Gas	1947

See footnotes at end of table



**Table 19. Electric Generating Units Retired from Service in 1989,  
by State, Company, and Plant (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Louisiana</b>								
Guoydan Town of Guoydan (Vermilion)	1	0.1	0.1	0.1	IC	FO2		1921
	2	.1	.1	.1	IC	FO2		1929
Gulf States Utilities Co Louisiana 1 (East Baton Rouge)	4	20.0	18.5	18.5	ST	Nat Gas	FO2	1938
	6	20.0	18.5	18.5	ST	Nat Gas	FO2	1943
<b>Maryland</b>								
Easton Utilities Comm Easton (Talbot)	3	.7	.5	.5	IC	FO2		1936
	ORC	.8	.6	.6	ST	WH		1983
		Easton 2 (Talbot)						
<b>Minnesota</b>								
Two Harbors City of Two Harbors (Lake)	2	3.5	2.0	2.0	ST	Nat Gas	BIT	1953
<b>Montana</b>								
Montana Power Co Flint Creek (Granite)	1	.6	<sup>2</sup> 1.1	<sup>2</sup> 1.1	HC	Water		1901
	2	.6	2	2	HC	Water		1901
<b>Nebraska</b>								
Nebraska Public Power District Bluffs (Scotts Bluff)	2	5.0	5.5	5.5	ST	Nat Gas	FO2	1945
	3	7.5	7.5	7.6	ST	Nat Gas	FO2	1950
	4	27.5	26.5	26.5	ST	Nat Gas	FO6	1962
<b>New Mexico</b>								
Farmington City of Animas (San Juan)	IC10	.7	.6	.6	IC	Nat Gas		1957
	IC3	1.0	.9	.9	IC	FO2		1956
	IC5	.8	.7	.7	IC	FO2		1957
<b>New York</b>								
Consolidated Edison Co-NY Inc Kent Avenue (Kings)	2	14.0	9.0	12.0	GT	KER		1968
Niagara Mohawk Power Corp Middle Falls (Washington)	1	.3	.1	.2	HC	Water		1900
	2	.3	.1	.2	HC	Water		1900
	3	.4	.1	.1	HC	Water		1911
<b>Ohio</b>								
Painesville City of Painesville (Lake)	6	25.0	27.5	27.5	ST	BIT	FO2	1975
Toledo Edison Co Acme (Lucas)	1	25.0	25.0	25.0	ST	BIT		1937
	4	35.0	45.0	45.0	ST	BIT		1929
<b>Pennsylvania</b>								
Pennsylvania Power & Light Co Suburban (Lackawanna)	7	29.3	20.0	31.0	GT	KER		1968
Philadelphia Electric Co Richmond (Philadelphia)	DSL	2.8	2.7	2.7	IC	FO2		1967

See footnotes at end of table.

**Table 19. Electric Generating Units Retired from Service in 1989, by State, Company, and Plant (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Rhode Island</b>								
Block Island Power Co Block Island (Washington) .....	IC7	0.2	0.2	0.2	IC	FO2		1952
	IC8	.2	.2	.2	IC	FO2		1958
<b>South Dakota</b>								
Northwestern Public Service Co Armour (Charles Mix) .....	3	2.5	2.5	2.5	IC	FO2		1952
<b>Utah</b>								
Provo City Corp Provo (Utah) .....	1	2.0	2.0	2.0	ST	BIT	Nat Gas	1940
	2	2.0	2.0	2.0	ST	BIT	Nat Gas	1940
	3	2.5	2.5	2.5	ST	BIT	Nat Gas	1941
<b>Virginia</b>								
Delmarva Power & Light Co Capo Charles (Northampton) .....	IC1	1.1	.8	.8	IC	FO2		1952
	IC2	1.1	.8	.8	IC	FO2		1952
<b>Wisconsin</b>								
Argyle City of Argyle (Lafayette) .....	2	.3	.4	.4	IC	FO2		1947
Madison Gas & Electric Co Fitchburg (Dane) .....	3	*	*	*	WT	Wind		1983
Menasha City of Menasha (Winnebago) .....	1	4.0	4.0	4.0	ST	BIT		1949
	2	4.0	4.0	4.0	ST	BIT		1949
Northwestern Wisconsin Elec Co Balsam Lake Dam (Polk) .....	1	.1	.1	.1	HC	Water		1929
Frederic Diesel (Polk) .....	1	.8	.5	.5	IC	FO2		1947
Wisconsin Electric Power Co North Oak Creek (Milwaukee) .....	1	120.0	95.0	95.0	ST	BIT		1953
	2	120.0	95.0	95.0	ST	BIT		1954
<b>Wyoming</b>								
Bureau of Reclamation Medicine Bow (Carbon) .....	1	4.0	4.0	4.0	WT	Wind		1982

<sup>1</sup> See Appendix B for definitions of codes.

\* Capacity less than 0.05 megawatts.

<sup>2</sup> Individual summer and winter capabilities for these generators are not available. Within plant, reported value is the aggregated capability of all these generators.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Alabama</b>								
Alabama Electric Coop Inc Charles R Lowman (Washington)	1	66.0	75.0	75.0	ST	BIT		1969
	2	233.0	238.0	238.0	ST	BIT		1978
	3	233.0	232.0	232.0	ST	BIT		1980
Gantt (Covington)	3	1.2	1.2	1.2	HC	Water		1926
	4	1.8	1.8	1.8	HC	Water		1984
McWilliams (Covington)	1	7.5	9.6	9.6	ST	BIT		1954
	2	7.5	9.7	9.7	ST	BIT		1954
	3	25.0	23.0	23.0	ST	BIT		1959
Point A (Covington)	1	1.6	1.6	1.6	HC	Water		1925
	2	1.6	1.6	1.6	HC	Water		1925
	3	2.0	2.0	2.0	HC	Water		1949
<b>Alabama Power Co</b>								
Bankhead Dam (Tuscaloosa)	1	45.1	50.0	50.0	HC	Water		1963
Barry (Mobile)	1	153.1	139.7	139.7	ST	BIT	Nat Gas	1954
	2	153.1	140.0	140.0	ST	BIT	Nat Gas	1954
	3	272.0	255.9	255.9	ST	BIT	Nat Gas	1959
	4	403.8	369.8	369.8	ST	BIT	Nat Gas	1969
	5	788.8	740.9	740.9	ST	BIT	Nat Gas	1971
Chickasaw (Mobile)	3	46.0	49.6	49.6	ST	FO2	Nat Gas	1951
E C Gaston (Shelby)	**GT4	21.3	15.8	17.4	GT	FO2		1970
	**ST4	244.8	266.0	266.0	ST	BIT		1962
	**1	272.0	259.1	259.1	ST	BIT		1960
	**2	272.0	262.8	262.8	ST	BIT		1960
	**3	272.0	260.0	260.0	ST	BIT		1961
Gadsden (Etowah)	5	952.0	884.2	884.2	ST	BIT		1974
	1	69.0	68.3	68.3	ST	BIT	Nat Gas	1949
Gorgas (Walker)	2	69.0	69.2	69.2	ST	BIT	Nat Gas	1949
	10	788.8	730.6	730.6	ST	BIT		1972
Greene County (Greene)	6	125.0	111.1	111.1	ST	BIT		1951
	7	125.0	114.0	114.0	ST	BIT		1952
	8	187.5	173.0	173.0	ST	BIT		1956
	9	190.4	182.4	182.4	ST	BIT		1958
	**1	299.2	255.8	255.8	ST	BIT		1965
H Neely Henry Dam (Calhoun)	**2	269.3	256.2	256.2	ST	BIT		1966
	1	24.3	24.0	23.0	HC	Water		1966
Harris Dam (Randolph)	2	24.3	24.0	23.0	HC	Water		1966
	3	24.3	24.0	23.0	HC	Water		1966
	1	67.5	67.5	62.5	HC	Water		1983
Holt Dam (Tuscaloosa)	2	67.5	67.5	62.5	HC	Water		1983
	1	40.0	43.0	43.0	HC	Water		1968
James H Miller Jr (Jefferson)	1	705.5	668.0	668.0	ST	BIT		1978
	2	705.5	671.3	671.3	ST	BIT		1985
	3	705.5	667.3	667.3	ST	BIT		1989
Jordan Dam (Elmore)	1	25.0	34.8	34.8	HC	Water		1928
	2	25.0	34.8	34.8	HC	Water		1928
	3	25.0	34.8	34.8	HC	Water		1928
	4	25.0	34.8	34.8	HC	Water		1928
Joseph M Farley (Houston)	1	888.3	826.5	826.5	NP	Uranium		1977
	2	888.3	831.8	831.8	NP	Uranium		1981
Lay Dam (Chilton)	1	29.5	30.2	30.2	HC	Water		1968
	2	29.5	30.2	30.2	HC	Water		1968
	3	29.5	30.2	30.2	HC	Water		1967
	4	29.5	30.2	30.2	HC	Water		1967
	5	29.5	30.2	30.2	HC	Water		1967
	6	29.5	30.2	30.2	HC	Water		1967
Lewis Smith Dam (Walker)	1	78.8	92.5	87.5	HC	Water		1961
	2	78.8	92.5	87.5	HC	Water		1962
Logan Martin Dam (Talladega)	1	42.8	46.3	41.3	HC	Water		1964
	2	42.8	46.3	41.3	HC	Water		1964
	3	42.8	46.3	41.3	HC	Water		1964
Martin Dam (Elmore)	1	33.0	34.5	29.3	HC	Water		1926
	2	33.0	34.5	29.3	HC	Water		1926
	3	33.0	34.5	29.3	HC	Water		1926
	4	55.2	57.6	49.0	HC	Water		1952
Mitchell Dam (Coosa)	4	20.0	19.9	19.9	HC	Water		1949

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Alabama</b>								
Alabama Power Co								
	5	50.0	49.7	49.7	HC	Water		1985
	6	50.0	49.7	49.7	HC	Water		1985
	7	50.0	49.7	49.7	HC	Water		1985
Thurlow Dam (Elmore) .....	1	25.0	28.4	28.4	HC	Water		1930
	2	25.0	28.4	28.4	HC	Water		1930
	3	8.0	9.1	9.1	HC	Water		1930
Walter Bouldin Dam (Elmore) .....	1	75.0	77.3	77.3	HC	Water		1967
	2	75.0	77.3	77.3	HC	Water		1967
	3	75.0	77.3	77.3	HC	Water		1967
Weiss Dam (Cherokee) .....	1	29.3	26.0	21.7	HC	Water		1962
	2	29.3	26.0	21.7	HC	Water		1961
	3	29.3	26.0	21.7	HC	Water		1961
Yates Dam (Elmore) .....	1	16.0	16.0	16.0	HC	Water		1928
	2	16.0	16.0	16.0	HC	Water		1928
Tennessee Valley Authority								
Browns Ferry (Limestone) .....	1	1,152.0	1,065.0	1,065.0	NB	Uranium		1973
	2	1,152.0	1,065.0	1,065.0	NB	Uranium		1974
	3	1,152.0	1,065.0	1,065.0	NB	Uranium		1976
Colbert (Limestone) .....	GT1	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	GT2	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	GT3	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	GT4	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	GT5	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	GT6	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	GT7	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	GT8	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	1	200.0	194.0	200.0	ST	BIT		1954
	2	200.0	194.0	200.0	ST	BIT		1955
	3	200.0	194.0	200.0	ST	BIT		1955
	4	200.0	194.0	200.0	ST	BIT		1955
	5	550.0	500.0	500.0	ST	BIT		1955
Guntersville (Marshall) .....	1	28.8	27.0	27.0	HC	Water		1939
	2	28.8	27.0	27.0	HC	Water		1939
	3	28.8	27.0	27.0	HC	Water		1939
	4	28.8	27.0	27.0	HC	Water		1939
Wheeler (Lawrence) .....	1	35.1	33.1	33.1	HC	Water		1951
	10	32.4	33.1	33.1	HC	Water		1936
	11	32.4	33.1	33.1	HC	Water		1963
	2	35.1	33.1	33.1	HC	Water		1963
	3	35.1	33.1	33.1	HC	Water		1937
	4	35.1	33.1	33.1	HC	Water		1940
	5	35.1	33.1	33.1	HC	Water		1940
	6	35.1	33.1	33.1	HC	Water		1948
	7	35.1	33.1	33.1	HC	Water		1948
	8	35.1	33.1	33.1	HC	Water		1949
	9	32.4	33.1	33.1	HC	Water		1950
Widows Creek (Jackson) .....	1	140.6	127.0	130.0	ST	BIT		1962
	2	140.6	127.0	130.0	ST	BIT		1952
	3	140.6	127.0	130.0	ST	BIT		1952
	4	140.6	127.0	130.0	ST	BIT		1952
	5	140.6	127.0	130.0	ST	BIT		1952
	6	140.6	127.0	130.0	ST	BIT		1954
	7	575.0	500.0	500.0	ST	BIT		1954
	8	550.0	500.0	500.0	ST	BIT		1960
Wilson (Lauderdale) .....	1	23.0	23.0	23.0	HC	Water		1964
	10	25.2	25.0	25.0	HC	Water		1967
	11	25.2	25.0	25.0	HC	Water		1942
	12	25.2	25.0	25.0	HC	Water		1942
	13	25.2	25.0	25.0	HC	Water		1941
	14	25.2	25.0	25.0	HC	Water		1949
	15	25.2	25.0	25.0	HC	Water		1943
	16	25.2	25.0	25.0	HC	Water		1943
	17	25.2	25.0	25.0	HC	Water		1949
	18	25.2	26.0	26.0	HC	Water		1949
	19	54.0	54.0	54.0	HC	Water		1961

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Alabama</b>								
Tennessee Valley Authority	2	23.0	23.0	23.0	HC	Water		1968
	20	54.0	54.0	54.0	HC	Water		1962
	21	54.0	54.0	54.0	HC	Water		1962
	3	23.0	23.0	23.0	HC	Water		1968
	4	23.0	23.0	23.0	HC	Water		1968
	5	31.0	31.0	31.0	HC	Water		1968
	6	31.0	31.0	31.0	HC	Water		1968
	7	31.0	31.0	31.0	HC	Water		1967
	8	31.0	31.0	31.0	HC	Water		1967
	9	25.2	25.0	25.0	HC	Water		1968
USCE-Mobile District								
Jones Bluff (Autauga)	1	17.0	17.0	17.0	HC	Water		1975
	2	17.0	17.0	17.0	HC	Water		1975
	3	17.0	17.0	17.0	HC	Water		1975
	4	17.0	17.0	17.0	HC	Water		1975
Millers Ferry (Wilcox)	1	25.0	<sup>2</sup> 75.0	<sup>2</sup> 75.0	HC	Water		1970
	2	25.0	2 -	2 -	HC	Water		1970
	3	25.0	2 -	2 -	HC	Water		1970
<b>Alaska</b>								
Alaska Electric G & T Coop Inc Soldotna (Kenai Peninsula)	**GT1	37.9	37.9	42.0	GT	FO2	Nat Gas	1985
Alaska Electric Light & Power Co								
Annex Creek (Juneau)	5	1.8	1.8	1.6	HL	Water		1915
	6	1.8	1.8	1.6	HL	Water		1915
Gold Creek (Juneau)	IC1	1.3	1.3	1.3	IC	FO2		1952
	IC2	1.3	1.3	1.3	IC	FO2		1954
	IC3	1.2	1.2	1.2	IC	FO2		1961
	IC4	1.2	1.2	1.2	IC	FO2		1963
	IC5	3.5	3.5	3.5	IC	FO2		1966
	1	.8	.8	.2	HL	Water		1951
	2	.4	.4	.1	HL	Water		1906
	3	.4	.4	.1	HL	Water		1906
Lemon Creek (Juneau)	IC10	2.5	2.5	2.5	IC	FO2		1984
	IC11	2.5	2.5	2.5	IC	FO2		1984
	IC12	2.5	2.5	2.5	IC	FO2		1984
	LC8	2.5	2.5	2.5	IC	FO2		1985
	LC9	2.5	2.5	2.5	IC	FO2		1985
	1	2.5	2.5	2.5	IC	FO2		1969
	2	2.5	2.5	2.5	IC	FO2		1969
	3	2.5	2.5	2.5	IC	FO2		1974
	5	17.5	17.5	17.5	GT	FO2		1980
	6	17.5	17.5	17.5	GT	FO2		1983
	7	2.5	2.5	2.5	IC	FO2		1983
Salmon Creek 1 (Juneau)	HY7	6.7	6.7	5.6	HL	Water		1984
Salmon Creek 2 (Juneau)	HY3	1.4	1.4	1.0	HL	Water		1913
	HY4	1.4	1.4	1.0	HL	Water		1913
Alaska Power & Telephone Co								
Craig (Prince of Wales)	IC2	.3	.3	.3	IC	FO2		1978
	1	.7	.7	.7	IC	FO2		1984
	3	.3	.3	.3	IC	FO2		1979
	4	.3	.3	.3	IC	FO2		1980
	5	1.1	1.1	1.1	IC	FO2		1983
	6	1.1	1.1	1.1	IC	FO2		1989
Dot Lake (Fairbanks North Star)	IC1	.1	.1	.1	IC	FO2	FO1	1980
	IC2	.1	.1	.1	IC	FO2	FO1	1980
Hydaburg (Prince of Wales)	1	.1	.1	.1	IC	FO2		1966
	2	.1	.1	.1	IC	FO2		1982
	3	.3	.3	.3	IC	FO2		1983
	4	.1	.1	.1	IC	FO2		1978
	5	.3	.3	.3	IC	FO2		1985
Skagway (Juneau)	1	.1	.1	.1	HC	Water		1957

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Alaska</b>								
Alaska Power & Telephone Co								
	10	1.3	1.3	1.3	IC	FO2		1980
	2	.4	.4	.2	HC	Water		1909
	3	.3	.3	.2	HC	Water		1981
	4	.2	.2	.2	HC	Water		1987
	6A	.9	.9	.9	IC	FO2		1986
	7	.2	.2	.2	IC	FO2		1966
	8	.3	.3	.3	IC	FO2		1968
	9	1.3	1.3	1.3	IC	FO2		1977
Tok (Fairbanks North Star)	1	.2	.2	.2	IC	FO2	FO1	1960
	10	1.1	1.1	1.1	IC	FO2	FO1	1989
	2	.2	.2	.2	IC	FO2	FO1	1960
	3	.3	.3	.3	IC	FO2	FO1	1961
	5	.3	.3	.3	IC	FO2	FO1	1966
	6	1.0	1.0	1.0	IC	FO2	FO1	1977
	7	1.3	1.3	1.3	IC	FO2	FO1	1984
	8	.4	.4	.4	IC	FO2	FO1	1985
	9	.9	.9	.9	IC	FO2	FO1	1985
Alaska Power Administration								
Eklutna (Matanuska-Susitna)	1	15.0	15.0	15.0	HC	Water		1954
	2	15.0	15.0	15.0	HC	Water		1955
Snettisham (Juneau)	1	23.6	23.6	23.6	HC	Water		1973
	2	23.6	23.6	23.6	HC	Water		1973
	3	31.0	31.0	31.0	HC	Water		1989
Alaska Village Elec Coop Inc								
Alakanuk (Bethel)	1A	.3	.3	.3	IC	FO1		1986
	2	.2	.2	.2	IC	FO1		1970
	3	.3	.3	.3	IC	FO1		1974
Ambler (Kobuk)	IC2	.2	.2	.2	IC	FO1		1984
	1	.2	.2	.2	IC	FO1		1984
	3	.1	.1	.1	IC	FO1		1977
Anvik (Bethel)	1	.1	.1	.1	IC	FO1		1971
	2	.1	.1	.1	IC	FO1		1969
	3	.1	.1	.1	IC	FO1		1970
Chevak (Bethel)	1	.3	.3	.3	IC	FO1		1977
	2	.2	.2	.2	IC	FO1		1976
	3	.4	.4	.4	IC	FO1		1979
Eek (Bethel)	1	.1	.1	.1	IC	FO1		1977
	2	.1	.1	.1	IC	FO1		1970
	3	.2	.2	.2	IC	FO1		1988
Elim (Nome)	1	.1	.1	.1	IC	FO1		1975
	2A	.1	.1	.1	IC	FO2		1986
	3	.1	.1	.1	IC	FO1		1971
Emmonak (Bethel)	2	.3	.3	.3	IC	FO1		1977
	4	.3	.3	.3	IC	FO1		1980
	5	.5	.5	.5	IC	FO1		1988
Gambell (Nome)	IC1	.3	.3	.3	IC	FO1		1985
	IC2	.3	.3	.3	IC	FO1		1985
	IC3	.3	.3	.3	IC	FO1		1985
Goodnews Bay (Bethel)	IC2	.2	.2	.2	IC	FO1		1985
	1	.1	.1	.1	IC	FO1		1970
	3	.1	.1	.1	IC	FO1		1971
Grayling (Bethel)	1A	.1	.1	.1	IC	FO1		1987
	2	.1	.1	.1	IC	FO1		1971
	3	.2	.2	.2	IC	FO1		1969
Holy Cross (Bethel)	1	.2	.2	.2	IC	FO1		1977
	2	.1	.1	.1	IC	FO1		1971
	3	.2	.2	.2	IC	FO1		1971
Hooper Bay (Bethel)	1	.2	.2	.2	IC	FO2		1986
	3	.3	.3	.3	IC	FO1		1969
	4	.3	.3	.3	IC	FO1		1975
Huslia (Anchorage)	1	.1	.1	.1	IC	FO1		1980
	2A	.2	.2	.2	IC	FO1		1969
	3	.2	.2	.2	IC	FO1		1987
					IC	FO1		1984

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Alaska</b>								
Alaska Village Elec Coop Inc								
Kaitay (Kobuk) .....	1	0.1	0.1	0.1	IC	FO1		1974
	2	.2	.2	.2	IC	FO1		1972
	3	.2	.2	.2	IC	FO1		1984
	3	.2	.2	.2	IC	FO1		1975
Kiana (Kobuk) .....	1	.3	.3	.3	IC	FO1		1977
	2	.3	.3	.3	IC	FO1		1969
	3	.1	.1	.1	IC	FO1		1984
	4	.2	.2	.2	IC	FO1		1975
Kivalina (Kobuk) .....	1	.2	.2	.2	IC	FO1		1977
	2	.3	.3	.3	IC	FO1		1984
	3	.2	.2	.2	IC	FO1		1988
	4	.2	.2	.2	IC	FO1		1968
Koyuk (Nome) .....	1	.2	.2	.2	IC	FO1		1970
	2	.1	.1	.1	IC	FO1		1970
	3	.1	.1	.1	IC	FO1		1983
Lower Kalskag (Bethel) .....	1	.2	.2	.2	IC	FO1		1986
	2A	.3	.3	.3	IC	FO1		1977
	3	.2	.2	.2	IC	FO1		1970
Marshall (Bethel) .....	1	.2	.2	.2	IC	FO1		1987
	2A	.2	.2	.2	IC	FO1		1970
	3	.1	.1	.1	IC	FO1		1969
Mokoryuk (Bethel) .....	1	.1	.1	.1	IC	FO1		1970
	2	.2	.2	.2	IC	FO1		1970
	3	.2	.2	.2	IC	FO1		1985
Minto (Fairbanks North Star) .....	IC2	.2	.2	.2	IC	FO1		1985
	IC3	.2	.2	.2	IC	FO1		1972
	1	.1	.1	.1	IC	FO1		1984
Mountain Village (Bethel) .....	1	.3	.3	.3	IC	FO1		1982
	3	.4	.4	.4	IC	FO1		1982
	4	.4	.4	.4	IC	FO1		1988
	5	.6	.5	.6	IC	FO1		1984
New Stuyahok (Dillingham) .....	IC2	.2	.2	.2	IC	FO1		1986
	1A	.1	.1	.1	IC	FO1		1989
	3	.3	.3	.3	IC	FO1		1977
Noatak (Kobuk) .....	1	.2	.2	.2	IC	FO1		1985
	4	.2	.2	.2	IC	FO1		1985
	5	.2	.2	.2	IC	FO1		1983
Noorvik (Kobuk) .....	1	.2	.2	.2	IC	FO1		1984
	2	.3	.3	.3	IC	FO1		1984
	3	.3	.3	.3	IC	FO1		1976
Nulato (Bethel) .....	1	.3	.3	.3	IC	FO1		1981
	2	.2	.2	.2	IC	FO1		1987
	3A	.3	.3	.3	IC	FO1		1975
Nunapitchuk (Bethel) .....	2	.3	.3	.3	IC	FO1		1976
	3	.3	.3	.3	IC	FO1		1986
	4	.5	.5	.5	IC	FO1		1980
Old Harbor (Kodiak Island) .....	1	.2	.2	.2	IC	FO1		1980
	2	.2	.2	.2	IC	FO1		1970
Pilot Station (Bethel) .....	1	.1	.1	.1	IC	FO1		1977
	2	.3	.3	.3	IC	FO1		1982
	3	.2	.2	.2	IC	FO1		1976
Quinhagak (Bethel) .....	1	.2	.2	.2	IC	FO1		1970
	2	.2	.2	.2	IC	FO1		1987
	3A	.3	.3	.3	IC	FO1		1986
Russian Mission (Yukon-Koyukuk) .....	1	.1	.1	.1	IC	FO1		1986
	2	.1	.1	.1	IC	FO1		1975
Savoonga (Nome) .....	1	.3	.3	.3	IC	FO1		1978
	2	.3	.3	.3	IC	FO1		1971
	3	.1	.1	.1	IC	FO1		1987
	4	.3	.3	.3	IC	FO1		1987
Scammon Bay (Bethel) .....	1A	.2	.2	.2	IC	FO1		1974
	2	.1	.1	.1	IC	FO1		1986
	3	.2	.2	.2	IC	FO1		1974
Solawik (Kobuk) .....	1	.3	.3	.3	IC	FO1		1978
	3A	.3	.3	.3	IC	FO1		1986
	4	.2	.2	.2	IC	FO1		1986

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Alaska</b>								
Alaska Village Elec Coop Inc								
Shageluk (Bethel)	1	0.1	0.1	0.1	IC	FO1		1984
	2	.1	.1	.1	IC	FO1		1971
	3	.1	.1	.1	IC	FO1		1971
Shaktolik (Nome)	1	.1	.1	.1	IC	FO2		1971
	2A	.1	.1	.1	IC	FO1		1987
	3	.2	.2	.2	IC	FO1		1970
Shishmarof (Nome)	2	.3	.3	.3	IC	FO1		1976
	3	.3	.3	.3	IC	FO1		1977
	4	.3	.3	.3	IC	FO1		1988
Shungnak (Kobuk)	IC3	.2	.2	.2	IC	FO1		1985
	1	.1	.1	.1	IC	FO1		1974
	2	.2	.2	.2	IC	FO1		1981
	4	.2	.2	.2	IC	FO1		1985
St Marys (Bethel)	1	.4	.4	.4	IC	FO1		1977
	2	.6	.6	.6	IC	FO1		1980
	3	.3	.3	.3	IC	FO1		1974
St Michael (Nome)	1	.1	.1	.1	IC	FO1		1977
	2	.2	.2	.2	IC	FO1		1984
	3	.2	.2	.2	IC	FO1		1972
Stobbins (Nome)	1	.1	.1	.1	IC	FO1		1983
	2	.1	.1	.1	IC	FO1		1982
Togiak (Dillingham)	2	.3	.3	.3	IC	FO1		1970
	4	.3	.3	.3	IC	FO1		1986
	5	.3	.3	.3	IC	FO1		1986
Toksook Bay (Bethel)	1	.3	.3	.3	IC	FO1		1975
	2	.2	.2	.2	IC	FO1		1984
	3	.2	.2	.2	IC	FO1		1984
Tunurak (Bethel)	1	.2	.2	.2	IC	FO1		1970
	2A	.1	.1	.1	IC	FO1		1987
	3	.1	.1	.1	IC	FO1		1970
Wales (Nome)	IC2	.1	.1	.1	IC	FO1		1985
	1A	.1	.1	.1	IC	FO1		1987
	3	.1	.1	.1	IC	FO1		1972
Anchorage City of								
Anchorage 1 (Anchorage)	D1	1.1	1.2	1.2	IC	FO2		1972
	D2	1.1	1.4	1.4	IC	FO2		1972
	1	12.5	14.0	16.2	GT	Nat Gas	FO2	1962
	2	12.5	14.0	16.2	GT	Nat Gas	FO2	1962
	3	16.3	17.7	19.4	GT	Nat Gas	FO2	1968
	4	27.0	31.1	33.2	GT	Nat Gas	FO2	1972
George M Sullivan (Anchorage)	GT8	92.6	77.7	86.5	GT	Nat Gas	FO2	1984
	5	38.1	33.8	37.4	CT	Nat Gas	FO2	1975
	6	33.0	34.0	37.5	CW	WH		1978
	7	102.6	74.4	81.8	CT	Nat Gas	FO2	1979
Aniak Light & Power Co Inc								
Aniak (Bethel)	1	.6	.5	.6	IC	FO1		1975
	2	.4	.4	.4	IC	FO1		1975
	3	.3	.3	.3	IC	FO1		1975
	4	.3	.3	.3	IC	FO1		1975
Barrow Utils & Elec Coop Inc								
Barrow (UNKNOWN)	1	.8	.8	.8	GT	Nat Gas	FO2	1964
	2	.8	.8	.8	GT	Nat Gas	FO2	1964
	6	2.5	2.5	2.5	GT	Nat Gas	FO2	1977
	7	2.5	2.5	2.5	GT	Nat Gas	FO2	1980
	8	2.5	2.5	2.5	GT	Nat Gas	FO2	1982
Bethel Utilities Corp Inc								
Bethel (Bethel)	1	2.1	2.1	2.1	IC	FO2		1976
	2	2.1	2.1	2.1	IC	FO2		1976
	3	2.1	2.1	2.1	IC	FO2		1976

See footnotes at end of table



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Alaska</b>								
Bethel Utilities Corp Inc	4	2.1	2.1	2.1	IC	FO2		1976
	5	1.0	1.0	1.0	IC	FO2		1984
Bettles Light & Power Inc Bettles Light & Pwr (UNKNOWN) .....	1	.3	.3	.3	IC	FO1		1975
	2	.3	.3	.3	IC	FO1		1976
	3	.3	.3	.3	IC	FO1		1971
Chugach Electric Assn Inc Boluga (Kenai Peninsula) .....	1	18.8	14.4	17.2	GT	Nat Gas		1967
	2	18.8	14.4	17.2	GT	Nat Gas		1967
	3	65.7	48.7	61.7	GT	Nat Gas		1972
	4	12.0	8.1	9.4	GT	Nat Gas		1970
	5	75.0	59.5	73.3	GT	Nat Gas		1975
	6	85.0	68.0	74.0	GT	Nat Gas		1976
	7	85.0	68.0	74.0	GT	Nat Gas		1978
	8	68.9	47.3	54.7	CW	WH		1981
Bernice Lake (Kenai Peninsula) .....	1	9.4	7.7	8.0	GT	Nat Gas	FO2	1963
	2	23.0	17.2	19.5	GT	Nat Gas	FO2	1971
	3	32.0	24.5	29.6	GT	Nat Gas	FO2	1979
	4	32.0	24.5	29.6	GT	Nat Gas	FO2	1981
Cooper Lake (Kenai Peninsula) .....	1	8.3	8.3	8.3	HC	Water		1961
	2	8.3	8.3	8.3	HC	Water		1961
International (Anchorage) .....	1	17.6	13.8	15.6	GT	Nat Gas	FO2	1964
	2	17.6	13.8	15.6	GT	Nat Gas	FO2	1966
	3	19.0	16.7	19.2	GT	Nat Gas	FO2	1969
Copper Valley Elec Assn Inc Glennallen (Valdez-Cordova) .....	1	.3	.3	.3	IC	FO2		1959
	2	.3	.3	.3	IC	FO2		1959
	3	.6	.5	.5	IC	FO2		1963
	4	.6	.5	.5	IC	FO4		1966
	5	.6	.5	.5	IC	FO4		1966
	6	2.6	2.0	2.0	IC	FO4		1970
	7	2.6	2.0	2.0	IC	FO4		1976
Solomon Gulch (Valdez-Cordova) .....	1	6.0	3.6	6.0	HC	Water		1982
	2	6.0	3.5	6.0	HC	Water		1982
Valdez (Valdez-Cordova) .....	1	.6	.5	.5	IC	FO2		1966
	2	.6	.5	.5	IC	FO2		1966
	3	.6	.5	.5	IC	FO2		1966
	4	1.8	1.5	1.5	IC	FO2		1972
	5	2.6	2.0	2.0	IC	FO2		1975
	6	1.0	.8	.8	IC	FO2		1974
	7	2.8	2.8	2.8	GT	FO2		1974
Cordova Electric Coop Inc Eyak (Valdez-Cordova) .....	1	1.9	1.9	1.9	IC	FO2		1970
	2	3.0	2.7	2.7	IC	FO2		1973
	7	.6	.6	.6	IC	FO2		1960
	8	.8	.7	.7	IC	FO2		1961
Orca (Valdez-Cordova) .....	3	2.5	2.5	2.5	IC	FO2		1984
	4	2.4	2.4	2.4	IC	FO2		1984
Egegik Light & Power Co Egegik (UNKNOWN) .....	1	.2	.2	.2	IC	FO1	FO2	1987
	2	.3	.3	.3	IC	FO1	FO2	1987
	3	.1	.1	.1	IC	FO1	FO2	1981
Fairbanks City of Chena (Fairbanks North Star) .....	D1	2.8	2.8	3.0	IC	FO2		1967
	D2	2.8	2.8	3.0	IC	FO2		1968
	D3	2.8	2.8	3.0	IC	FO2		1969
	1	5.0	5.0	5.0	SI	SUB		1954
	2	2.0	2.0	2.0	SI	SUB		1951
3	1.5	1.5	1.5	SI	SUB		1951	

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Alaska</b>								
Fairbanks City of								
	4	5.3	5.3	7.0	GT	FO2		
	5	20.0	20.0	20.0	ST	SUB		1963
	6	23.1	23.1	29.3	GT	FO2		1970
Golden Valley Elec. Assn Inc								
Fairbanks (Fairbanks North Star)								
	GT11	17.6	18.0	18.0	GT	FO2	FO4	1974
	GT12	17.0	18.3	18.0	GT	FO2	FO4	1972
	5	2.6	2.6	2.6	IC	FO2	FO4	1970
	6	2.6	2.6	2.6	IC	FO2	FO4	1970
Hoaly (Fairbanks North Star)								
	IC1	2.5	2.5	2.5	IC	FO2		1967
North Pole (Fairbanks North Star)								
	1	25.0	27.0	27.0	ST	SUB		1967
	1	64.7	53.0	65.0	GT	FO4		1976
	2	64.7	53.0	65.0	GT	FO4		1977
Gwitchyaa Z'ho Utility Co								
Gwitchyaa Z'ho (UNKNOWN)								
	1	3.5	6	5	IC	FO2		1955
	2	3.4	5	4	IC	FO2		1955
	3	3	2	3	IC	FO2		1955
	4	1.7	1.6	1.8	IC	FO2		1955
Harous Light & Power Co Inc								
Haines (Haines)								
	FB	8	8	8	IC	FO2		1965
	5	6	6	6	IC	FO2		1968
	6	8	8	8	IC	FO2		1969
	7	2.1	2.1	2.1	IC	FO2		1973
	9	1.1	1.1	1.1	IC	FO2		1989
Homer Electric Assn Inc								
Soldovia (Koniak Peninsula)								
	1	3	3	3	IC	FO2		1964
	2	6	6	6	IC	FO2		1964
	3	6	6	6	IC	FO2		1970
	4	6	6	6	IC	FO2		1979
Hughes Power & Light Co								
Hughes (UNKNOWN)								
	1	*	*	*	IC	FO1		1989
I-N-N Electric Coop Inc								
I-N-N Electric (UNKNOWN)								
	1	3	3	3	IC	FO2		1983
	3	3	3	3	IC	FO2		1983
	4	6	5	6	IC	FO2		1989
Ketchikan City of								
Beaver Falls (Ketchikan Gateway)								
	1	1.0	1.0	1.0	HC	Water		1947
	3	2.0	2.0	1.7	HC	Water		1954
	4	2.0	2.0	1.7	HC	Water		1954
Ketchikan (Ketchikan Gateway)								
	HY3	1.4	1.4	1.2	HC	Water		1952
	4	1.4	1.4	1.2	HC	Water		1938
	5	1.4	1.4	1.2	HC	Water		1954
S W Bailey (Ketchikan Gateway)								
	1	4.5	3.5	3.5	IC	FO2		1969
	2	4.5	3.5	3.5	IC	FO2		1970
	3	6.5	6.5	6.5	IC	FO2		1976
Silvia (Ketchikan Gateway)								
	1	2.1	2.1	2.1	HC	Water		1968
Swan Lake Hydro (Ketchikan Gateway)								
	**1	11.3	11.3	11.3	HC	Water		1984
	**2	11.3	11.3	11.3	HC	Water		1984
Totom Right (Ketchikan Gateway)								
	1	2.0	1.8	1.8	IC	FO2		1986
Kodiak Electric Assn Inc								
Kodiak (Kodiak Island)								
	1	2.5	2.5	2.5	IC	FO2		1976
	2	5.3	5.3	5.3	IC	FO2		1976
	3	5.3	5.3	5.3	IC	FO2		1976
	4	7.1	7.1	7.1	IC	FO2		1981
	6	2.0	2.0	2.0	IC	FO2		1968
	7	2.0	2.0	2.0	IC	FO2		1968
	8	2.7	2.0	2.0	IC	FO2		1968
	9	2.0	2.0	2.0	IC	FO2		1968

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Alaska</b>								
Kodiak Electric Assn Inc Port Lions (Kodiak Island)	1	0.4	0.3	0.3	IC	FO2		1968
	2	.4	.2	.2	IC	FO2		1968
	3	.2	.2	.2	IC	FO2		1971
	4	.2	.2	.2	IC	FO2		1975
Torro Lake (Kodiak Island)	**1	11.3	11.3	11.3	HC	Water		1984
	**2	11.3	11.3	11.3	HC	Water		1984
Kotzebue Electric Assn Inc Kotzebue (UNKNOWN)	10	1.1	1.1	1.1	IC	FO2		1987
	3	.5	.5	.5	IC	FO2		1960
	4	.5	.5	.5	IC	FO2		1960
	6	2.7	2.6	2.6	IC	FO2		1974
	8	1.2	.8	.8	GT	FO2		1979
	9	1.8	1.8	1.8	IC	FO2		1983
Larson Bay City of Larson (UNKNOWN)	1	1	.1	.1	IC	FO2		1984
	2	2	.2	.2	IC	FO2		1984
Manley Utility Co Inc Manley (UNKNOWN)	2	.2	.2	.2	IC	FO2		1985
	3	.1	.1	.1	IC	FO2		1988
Matanuska Electric Assn Inc Unalakleet (Matanuska-Susitna)	1	3	.3	.3	IC	FO2		1965
	2	.5	.5	.5	IC	FO2		1982
	3	.5	.5	.5	IC	FO2		1983
	4	.5	.5	.5	IC	FO2		1983
Unalakleet Wind (Matanuska-Susitna)	1	.	.	.	WT	Wind		1982
	2	.	.	.	WT	Wind		1982
	3	.	.	.	WT	Wind		1982
McGrath Light & Power Co McGrath (Yukon-Koyukuk)	2	.2	.2	.2	IC	FO1	FO2	1979
	3	.3	.2	.2	IC	FO1	FO2	1979
	4	.2	.2	.2	IC	FO1	FO2	1979
	5	.6	.6	.6	IC	FO1	FO2	1979
	6	.7	.7	.7	IC	FO1	FO2	1988
Mollakalla Power & Light Contonrial (Ketchikan Gateway)	IC8	4.0	4.0	4.0	IC	FO2		1987
	1	2.5	1.5	1.5	HC	Water		1988
	Chostor Lake (UNKNOWN)		1.5	1.5	IC	FO2	Jet Fuel	1967
	Metlakalla (Fairbanks North Star)	IC4	1.5	1.5	IC	FO2	Jet Fuel	1970
	IC5	1.5	1.5	1.5	IC	FO2		1956
Purple Lake (Ketchikan Gateway)	1	1.3	1.3	1.3	HC	Water		1956
	2	1.3	1.3	1.3	HC	Water		1956
	3	1.3	1.3	1.3	HC	Water		1962
Naknek Electric Assn Inc Naknek (Bristol Bay)	NA1	1.1	1.1	1.1	IC	FO2		1988
	NA2	1.1	1.1	1.1	IC	FO2		1988
	1	.4	.4	.4	IC	FO2		1960
	2	.4	.4	.4	IC	FO2		1960
	3	.4	.4	.4	IC	FO2		1965
	4	.5	.5	.5	IC	FO2		1965
	5	.4	.4	.4	IC	FO2		1977
	6	.4	.4	.4	IC	FO2		1977
8	1.0	1.0	1.0	IC	FO2		1977	
Nome Joint Utility Systems Snake River (Nome)	1	.6	.6	.6	IC	FO2		1963
	10	.6	.6	.6	IC	FO2		1987
	11	1.5	1.5	1.5	IC	FO2		1988
	2	.6	.6	.6	IC	FO2		1963

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Alaska</b>								
Nome Joint Utility Systems								
	3	0.6	0.6	0.6	IC	FO2		1963
	5	1.2	1.2	1.2	IC	FO2		1974
	6	1.0	1.0	1.0	IC	FO2		1972
	8	2.6	2.6	2.6	IC	FO2		1976
	9	2.9	2.9	2.9	IC	FO2		1985
Northway Power & Light Inc								
Northway (UNKNOWN)								
	1	.3	.2	.2	IC	FO2		1980
	2	.3	.2	.2	IC	FO2		1980
	3	.4	.4	.4	IC	FO2		1980
	4	.4	.4	.4	IC	FO2		1980
Nushagak Electric Coop Inc								
Dillingham (Dillingham)								
	IC9	.8	.8	.8	IC	FO2		1985
	10	1.1	1.1	1.1	IC	FO2		1988
	3	.4	.4	.4	IC	FO2		1980
	4	.5	.5	.5	IC	FO2		1987
	5	.8	.8	.8	IC	FO2		1973
	6	1.0	1.0	1.0	IC	FO2		1976
	8	.8	.8	.8	IC	FO2		1984
Pelican Utility Co								
Pelican (UNKNOWN)								
	HC1	.0	.5	.5	HC	Water		1984
	HC2	.1	.1	.1	HC	Water		1984
	IC1	.3	.3	.3	IC	FO2		1980
	IC2	.1	.1	.1	IC	FO2		1984
	IC3	.3	.2	.2	IC	FO2		1974
	IC4	.3	.3	.3	IC	FO2		1980
Petersburg City of								
Petersburg (Wrangell-Petersburg)								
	IC1	2.6	2.1	2.1	IC	FO2		1972
	IC2	.4	.3	.3	IC	FO2		1972
	IC3	1.3	1.1	1.1	IC	FO2		1965
	IC4	.6	.6	.6	IC	FO2		1979
	IC5	.8	.8	.8	IC	FO2		1979
	3	1.6	1.0	1.5	HC	Water		1954
Seward City of								
Seward (Kenai Peninsula)								
	1	1.5	1.0	1.2	IC	FO2	FO1	1985
	2	1.5	1.0	1.2	IC	FO2	FO1	1985
	3	2.5	2.5	2.5	IC	FO2	FO1	1975
	4	2.5	2.5	2.5	IC	FO2	FO1	1986
	5	2.5	2.5	2.5	IC	FO2	FO1	1985
Sitka City of & Borough of								
Blue Lake (Sitka)								
	1	3.0	3.0	3.0	HC	Water		1961
	2	3.0	3.0	3.0	HC	Water		1961
Green Lake (Sitka)								
	1	9.3	9.3	9.3	HC	Water		1982
	2	9.3	9.3	9.3	HC	Water		1982
Hahbat Point (Sitka)								
	1	.3	.3	.3	IC	FO2		1959
	2	.5	.5	.5	IC	FO2		1958
	3	.3	.3	.3	IC	FO2		1980
Indian River (Sitka)								
	1	2.0	2.0	2.0	IC	FO2		1979
	2	2.8	2.8	2.8	IC	FO2		1979
	3	2.8	2.8	2.8	IC	FO2		1979
Wrangell City of								
Wrangell (Wrangell-Petersburg)								
	1	1.3	1.3	1.3	IC	FO2		1972
	2	1.3	1.3	1.3	IC	FO2		1972
	3	1.3	1.3	1.3	IC	FO2		1973
	4	1.3	1.3	1.3	IC	FO2		1973
	5	.5	.5	.5	IC	FO2		1964
	7	.5	.5	.5	IC	FO2		1970
	9	2.5	2.5	2.5	IC	FO2		1987

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Alaska</b>								
Yakutat Power Inc Yakutat (Skegway-Yakutat)	1	0.3	0.3	0.3	IC	FO2		1960
	2A	9	9	9	IC	FO2		1984
	3	6	6	6	IC	FO2		1973
	4	8	8	8	IC	FO2		1973
	5	3	3	3	IC	FO2		1980
<b>Arizona</b>								
Arizona Electric Pwr Coop Inc Apache Station (Cochise)	GT1	10.0	10.0	10.0	GT	Nat Gas		1963
	GT2	21.3	20.0	20.0	GT	Nat Gas	FO2	1972
	GT3	70.0	69.0	69.0	GT	Nat Gas	FO2	1975
	ST1	75.0	71.0	71.0	GA	Nat Gas	FO2	1964
	ST2	194.7	175.0	175.0	ST	SUB		1978
	ST3	194.7	175.0	175.0	ST	SUB		1979
Arizona Public Service Co Childa (Yavapai)	1	1.8	1.4	1.4	HC	Water		1969
	2	1.8	1.4	1.4	HC	Water		1969
	3	1.8	1.4	1.4	HC	Water		1969
Cholla (Navajo)	1	113.6	110.0	110.0	ST	BIT		1962
	2	288.9	295.0	295.0	ST	BIT		1978
	3	288.9	285.0	285.0	ST	BIT		1980
	4	414.0	350.0	350.0	ST	BIT		1981
Douglas (Cochise)	1	26.1	20.7	20.7	GT	FO2		1972
	1	1.8	1.4	1.4	HC	Water		1916
Irving (Yavapai)	GT1	53.1	55.9	55.9	GT	Nat Gas	FO2	1972
Ocotillo (Maricopa)	GT1	53.1	55.9	55.9	GT	Nat Gas	FO2	1973
	GT2	53.1	114.9	114.9	ST	Nat Gas	FO6	1960
Palo Verde (Maricopa)	1	113.6	114.5	114.5	ST	Nat Gas	FO6	1960
	2	113.6	114.5	114.5	ST	Nat Gas	FO6	1960
	**1	1403.2	1221.0	1270.0	NP	Uranium		1985
Saguaro (Pinal)	**2	1403.2	1221.0	1270.0	NP	Uranium		1986
	**3	1403.2	1221.0	1270.0	NP	Uranium		1987
	GT1	53.1	54.5	54.5	GT	Nat Gas	FO2	1972
West Phoenix (Maricopa)	GT1	53.1	54.5	54.5	GT	Nat Gas	FO2	1973
	GT2	53.1	56.2	56.2	GT	Nat Gas	FO2	1972
Yuma Axis (Yuma)	1	125.0	115.0	115.0	ST	Nat Gas	FO6	1954
	2	125.0	99.0	99.0	ST	Nat Gas	FO6	1955
	GT1	53.1	56.2	56.2	GT	Nat Gas	FO2	1972
	GT2	53.1	56.2	56.2	GT	Nat Gas	FO2	1972
	1B	132.0	84.5	84.5	CS	Nat Gas	FO2	1976
	2B	132.0	84.5	84.5	CS	Nat Gas	FO2	1976
	3B	132.0	84.5	84.5	CS	Nat Gas	FO2	1976
Yuma Axis (Yucca) (Yuma)	4	34.5	33.3	33.3	ST	Nat Gas	FO6	1948
	5	12.5	12.0	12.0	ST	Nat Gas	FO6	1949
	6	64.0	63.0	63.0	ST	Nat Gas	FO6	1950
	**1	86.7	75.0	75.0	ST	Nat Gas	FO6	1959
Bureau of Reclamation Davis (Mohave)	GT1	23.6	19.1	19.1	GT	Nat Gas	FO2	1971
	GT2	23.6	19.1	19.1	GT	Nat Gas	FO2	1971
	GT3	72.4	54.6	54.6	GT	Nat Gas	FO2	1973
	GT4	72.4	53.9	53.9	GT	FO2		1974
Glen Canyon (Coconino)	1	48.0	48.0	48.0	HC	Water		1950
	2	48.0	48.0	48.0	HC	Water		1951
	3	48.0	48.0	48.0	HC	Water		1951
	4	48.0	48.0	48.0	HC	Water		1951
	5	48.0	48.0	48.0	HC	Water		1951
	1	165.0	165.0	165.0	HC	Water		1964
	2	157.0	165.0	165.0	HC	Water		1964
	3	165.0	165.0	165.0	HC	Water		1964
4	157.0	165.0	165.0	HC	Water		1965	
5	165.0	165.0	165.0	HC	Water		1965	
6	165.0	165.0	165.0	HC	Water		1965	
7	157.0	165.0	165.0	HC	Water		1966	
8	157.0	165.0	165.0	HC	Water		1966	

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Arizona</b>								
Bureau of Reclamation								
Hoover-AZ (Mohave)								
	A1	130.0	130.0	130.0	HC	Water		1941
	A2	130.0	130.0	130.0	HC	Water		1942
	A3	82.5	82.5	82.5	HC	Water		1952
	A4	82.5	82.5	82.5	HC	Water		1952
	A5	127.0	127.0	127.0	HC	Water		1942
	A6	130.0	130.0	130.0	HC	Water		1939
	A7	130.0	130.0	130.0	HC	Water		1939
	A8	40.0	50.0	50.0	HC	Water		1937
	A9	50.0	60.0	60.0	HC	Water		1952
Century Power Corp								
Springerville (Apache)								
	**1	397.0	360.0	360.0	ST	SUB		1985
Citizens Utilities Co								
Valencia (Santa Cruz)								
	GT1	16.8	13.5	15.8	GT	Nat Gas	FO2	1989
	GT2	16.8	13.5	15.8	GT	Nat Gas	FO2	1989
	GT3	16.8	13.5	16.0	GT	Nat Gas	FO2	1989
	1	1.0	.9	.9	IC	FO2	Nat Gas	1949
	2	1.0	.9	.9	IC	FO2	Nat Gas	1949
	3	1.0	.9	.9	IC	FO2	Nat Gas	1949
	4	1.0	.9	.9	IC	FO2	Nat Gas	1949
Salt River Proj Aq 1 & P Dist								
Agua Fria (Maricopa)								
	AF1	113.6	113.0	114.0	ST	Nat Gas	FO6	1957
	AF2	113.6	113.0	114.0	ST	Nat Gas	FO6	1957
	AF3	163.2	161.0	164.0	ST	Nat Gas	FO6	1961
	AF4	80.6	69.0	80.0	GT	Nat Gas	FO2	1975
	AF5	71.2	64.0	72.0	GT	Nat Gas	FO2	1974
	AF6	71.2	64.0	72.0	GT	Nat Gas	FO2	1974
Coronado (Apache)								
	**CO1	410.9	350.0	350.0	ST	BIT	SUB	1979
	CO2	410.9	350.0	350.0	ST	PH	SUB	1980
Crosscut (Maricopa)								
	CC1	7.5	8.0	8.0	ST	Nat Gas	FO6	1941
	CC2	7.5	8.0	8.0	ST	Nat Gas	FO6	1941
	CC3	7.5	8.0	8.0	ST	Nat Gas	FO6	1941
	CC4	7.5	8.0	8.0	ST	Nat Gas	FO6	1949
	CC5	3.0	3.0	3.0	HC	Water		1939
Horse Mesa (Maricopa)								
	HM1	9.9	10.0	10.0	HC	Water		1927
	HM2	9.9	10.0	10.0	HC	Water		1927
	HM3	9.9	10.0	10.0	HC	Water		1927
	HM4	99.9	98.0	98.0	HR	Water		1972
Kyrone (Maricopa)								
	KY1	34.5	34.0	34.0	ST	Nat Gas	FO6	1952
	KY2	73.5	72.0	72.0	ST	Nat Gas	FO6	1954
	KY3	51.1	51.0	59.0	GT	Nat Gas	FO2	1972
	KY4	51.1	51.0	59.0	GT	Nat Gas	FO2	1971
	KY5	60.3	49.0	56.0	GT	Nat Gas	FO2	1973
	KY6	60.3	49.0	56.0	GT	Nat Gas	FO2	1973
Mormon Flat (Maricopa)								
	MF1	9.2	10.0	10.0	HC	Water		1926
	MF2	48.6	50.0	50.0	HR	Water		1971
Navajo (Coconino)								
	*NAV1	803.2	750.0	750.0	ST	SUB		1974
	*NAV2	803.2	750.0	750.0	ST	SUB		1975
	*NAV3	803.2	750.0	750.0	ST	SUB		1976
Roosevelt (Maricopa)								
	ROOS	36.0	36.0	36.0	HC	Water		1972
Santlan (Maricopa)								
	ST1	103.5	73.0	81.0	CS	Nat Gas	FO2	1974
	ST2	103.5	73.0	81.0	CS	Nat Gas	FO2	1974
	ST3	103.5	73.0	81.0	CS	Nat Gas	FO2	1974
	ST4	103.5	73.0	81.0	CS	Nat Gas	FO2	1975
South Consolidated (Maricopa)								
	SC1	1.4	1.4	1.4	HC	Water		1981
Stewart Mountain (Maricopa)								
	SM	10.4	13.0	13.0	HC	Water		1929
Tucson Electric Power Co								
De Moss Potno (Pima)								
	GT1	65.5	47.0	47.0	GT	Nat Gas	FO2	1973
	1	12.5	15.0	15.0	ST	Nat Gas	FO6	1949
	2	11.5	13.0	13.0	ST	Nat Gas	FO6	1949
	3	23.0	24.0	24.0	ST	Nat Gas	FO6	1953
	4	57.5	46.0	46.0	ST	Nat Gas	FO6	1954

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Arizona</b>								
Tucson Electric Power Co								
Irvington (Pima) .....	GT1	27.0	24.0	24.0	GT	Nat Gas	FO2	1972
	GT2	27.0	25.0	25.0	GT	Nat Gas	FO2	1972
	GT3	27.0	25.0	25.0	GT	Nat Gas	FO2	1974
	ST1	108.8	81.0	81.0	ST	Nat Gas	FO6	1958
	ST2	108.8	81.0	81.0	ST	Nat Gas	FO6	1960
	ST3	113.6	104.0	104.0	ST	Nat Gas	FO6	1962
	4	173.3	156.0	156.0	ST	SUB	Nat Gas	1967
North Loop (Pima) .....	1	27.0	25.0	25.0	GT	Nat Gas	FO2	1972
	2	27.0	25.0	25.0	GT	Nat Gas	FO2	1972
	3	27.0	23.0	23.0	GT	Nat Gas	FO2	1972
	4	27.0	25.0	25.0	GT	Nat Gas	FO2	1974
U S Bureau of Indian Affairs								
Coolidge (Gila) .....	1	5.0	<sup>2</sup> 10.0	<sup>2</sup> 10.0	HC	Water		1929
	2	5.0	2 -	2 -	HC	Water		1929
<b>Arkansas</b>								
Arkansas Electric Coop Corp								
Carl Bailey (Woodruff) .....	1	122.0	122.0	122.0	ST	Nat Gas	FO6	1966
Ellis Hydroelectric (Crawford) .....	1	10.6	10.0	10.0	HC	Water		1988
	2	10.6	10.0	10.0	HC	Water		1988
	3	10.6	10.0	10.0	HC	Water		1988
McClellan (Ouachita) .....	1	133.0	134.0	134.0	ST	Nat Gas	FO6	1972
Thomas Fitzhugh (Franklin) .....	1	60.0	59.0	59.0	ST	Nat Gas	FO6	1963
Arkansas Power & Light Co								
Arkansas Nuclear One (Pope) .....	1	902.5	836.0	836.0	NP	Uranium		1974
	2	942.5	858.0	858.0	NP	Uranium		1978
Blytheville (Mississippi) .....	1	64.5	63.0	63.0	GT	FO2		1974
	2	64.5	63.0	63.0	GT	FO2		1974
	3	64.5	63.0	63.0	GT	FO2		1974
Carpenter (Garland) .....	1	28.0	29.0	29.0	HC	Water		1931
	2	28.0	30.0	30.0	HC	Water		1931
Cecil Lynch (Pulaski) .....	1	25.0	35.0	35.0	ST	Nat Gas	FO2	1947
	2	69.0	74.0	74.0	ST	Nat Gas	FO2	1949
	3	156.3	130.0	130.0	ST	Nat Gas	FO2	1954
	4	5.8	6.0	6.0	IC	FO2		1967
Hamilton Moses (St Francis) .....	1	69.0	72.0	72.0	ST	Nat Gas	FO6	1951
	2	69.0	72.0	72.0	ST	Nat Gas	FO6	1951
Harvey Couch (Lafayette) .....	1	26.6	30.0	30.0	ST	Nat Gas	FO6	1943
	2	156.3	131.0	131.0	ST	Nat Gas	FO6	1954
Independence (Independence) .....	**1	850.0	836.0	836.0	ST	SUB		1982
	**2	850.0	842.0	842.0	ST	SUB		1984
Lake Catherine (Hot Spring) .....	1	40.0	52.0	52.0	ST	Nat Gas	FO6	1950
	2	40.0	51.0	51.0	ST	Nat Gas	FO6	1950
	3	119.5	106.0	106.0	ST	Nat Gas	FO6	1953
	4	552.5	547.0	547.0	ST	Nat Gas	FO6	1970
Mabelvale (Pulaski) .....	1	19.6	18.0	18.0	GT	Nat Gas	FO2	1970
	2	19.6	18.0	18.0	GT	Nat Gas	FO2	1970
	3	19.6	19.0	19.0	GT	Nat Gas	FO2	1970
	4	19.6	18.0	18.0	GT	Nat Gas	FO2	1970
Rommel (Hot Spring) .....	1	3.0	4.0	4.0	HC	Water		1924
	2	3.0	4.0	4.0	HC	Water		1924
	3	3.0	3.0	3.0	HC	Water		1924
Robert E Ritchie (Phillips) .....	GT1	19.6	18.0	18.0	GT	Nat Gas	FO2	1970
	1	359.0	356.0	356.0	ST	Nat Gas	FO6	1961
	2	544.6	544.0	544.0	ST	Nat Gas	FO6	1968
White Bluff (Jefferson) .....	**1	850.0	815.0	815.0	ST	SUB		1980
	**2	850.0	844.0	844.0	ST	SUB		1981
Augusta City of								
Fairbanks (Woodruff) .....	1	1.2	1.2	1.2	IC	FO2	Nat Gas	1957
	2	.7	.7	.7	IC	FO2	Nat Gas	1949
	3	.3	.3	.3	IC	FO2		1945

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Arkansas</b>								
Augusta City of	4	0.3	0.3	0.3	IC	FO2		1935
	5	.1	.1	.1	IC	FO2		1929
Benton City of Benton (Saline)	1	.6	.4	.4	IC	FO2		1940
	2	1.4	1.2	1.2	IC	FO2	Nat Gas	1949
	3	1.4	1.2	1.2	IC	FO2	Nat Gas	1951
	5	1.0	.7	.7	IC	FO2	Nat Gas	1945
	6	1.4	1.3	1.3	IC	FO2	Nat Gas	1947
	7	3.0	2.8	2.8	IC	FO2	Nat Gas	1963
	North Little Rock City of Murray (Pulaski)	1	21.2	19.5	19.5	HC	Water	
2		21.2	19.5	19.5	HC	Water		1989
Osceola City of Osceola (Mississippi)	1	.7	<sup>2</sup> 4.0	<sup>2</sup> 4.0	IC	FO2		1939
	2	.2	2 -	2 -	IC	FO2		1928
	3	.4	2 -	2 -	IC	FO2		1935
	4	.7	2 -	2 -	IC	FO2		1941
	5	.8	2 -	2 -	IC	FO2		1946
	6	.8	2 -	2 -	IC	FO2		1947
	7	2.4	2 -	2 -	IC	FO2		1953
	8	2.3	2 -	2 -	IC	FO2		1947
Paragould City of Paragould (Greene)	1	.4	.4	.4	IC	FO2	Nat Gas	1938
	2	1.1	1.1	1.1	IC	FO2	Nat Gas	1961
	3	.4	.4	.4	IC	FO2	Nat Gas	1938
	4	.8	.8	.8	IC	FO2	Nat Gas	1946
	5	.8	.8	.8	IC	FO2	Nat Gas	1946
	6	1.0	1.0	1.0	IC	FO2	Nat Gas	1949
Piggott City of Municipal Light (Clay)	1	2.1	2.1	2.1	IC	FO2	Nat Gas	1963
	2	.7	.7	.7	IC	FO2	Nat Gas	1952
	4	2.3	2.3	2.3	IC	FO2		1976
	6	1.4	1.4	1.4	IC	FO2	Nat Gas	1959
	7	1.1	1.1	1.1	IC	FO2	Nat Gas	1954
Southwestern Electric Power Co Flint Creek (Benton)	**1	558.0	480.0	480.0	ST	SUB		1978
USCE-Little Rock District Beaver (Carroll)	1	56.0	64.4	64.4	HC	Water		1965
	2	56.0	64.4	64.4	HC	Water		1965
	1	40.0	46.0	46.0	HC	Water		1952
	2	40.0	46.0	46.0	HC	Water		1952
	3	40.0	46.0	46.0	HC	Water		1952
	4	40.0	46.0	46.0	HC	Water		1953
	5	45.0	51.8	51.8	HC	Water		1961
	6	45.0	51.8	51.8	HC	Water		1961
Dardanelle (Pope)	1	31.0	35.7	35.7	HC	Water		1963
	2	31.0	35.7	35.7	HC	Water		1965
	3	31.0	35.7	35.7	HC	Water		1965
	4	31.0	35.7	35.7	HC	Water		1965
Greers Ferry Lake (Cleburne)	1	48.0	55.2	55.2	HC	Water		1965
	2	48.0	55.2	55.2	HC	Water		1963
Norfolk (Baxter)	1	40.3	46.0	46.0	HC	Water		1964
	2	40.3	46.0	46.0	HC	Water		1949
Ozark (Franklin)	1	20.0	23.0	23.0	HC	Water		1944
	2	20.0	23.0	23.0	HC	Water		1972
	3	20.0	23.0	23.0	HC	Water		1973

See footnotes at end of table.



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Arkansas</b>								
USCE-Little Rock District	4	20.0	23.0	23.0	HC	Water		1973
	5	20.0	23.0	23.0	HC	Water		1974
USCE-Vickburg District Blakely Mountain (Garland) .....	1	37.5	37.5	37.5	HC	Water		1955
	2	37.5	37.5	37.5	HC	Water		1955
Degray (Clark) .....	1	40.0	40.0	40.0	HC	Water		1971
	2	28.0	28.0	28.0	HR	Water		1971
Narrows (Pike) .....	1	8.5	8.5	8.5	HC	Water		1950
	2	8.5	8.5	8.5	HC	Water		1950
	3	8.5	8.5	8.5	HC	Water		1969

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>California</b>								
Burbank City of Magnolia (Los Angeles)	M2	10.0	11.0	11.0	CW	WH		1984
	M3	23.0	20.0	20.0	ST	Nat Gas	FO6	1949
	M4	34.5	30.0	30.0	ST	Nat Gas	FO6	1953
	M5	23.1	17.0	17.0	GT	Nat Gas	Jet Fuel	1969
	O1	50.0	42.0	42.0	ST	Nat Gas	FO6	1959
	O2	59.8	60.0	60.0	ST	Nat Gas	FO6	1964
	O3	24.4	22.0	22.0	CT	Nat Gas	Jet Fuel	1972
	O4	37.8	31.0	31.0	CT	Nat Gas	Jet Fuel	1978
Bureau of Reclamation Folsom (Sacramento)	1	66.2	71.7	62.7	HC	Water		1955
	2	66.2	71.7	62.7	HC	Water		1955
Judge F Carr (Shasta)	3	66.2	71.7	62.7	HC	Water		1955
	1	77.2	85.6	85.6	HC	Water		1963
Keswick (Shasta)	2	77.2	85.6	85.6	HC	Water		1963
	1	25.0	30.0	30.0	HC	Water		1949
	2	25.0	30.0	30.0	HC	Water		1949
	3	25.0	30.0	30.0	HC	Water		1949
Lewiston (Trinity)	1	.4	.5	.5	HC	Water		1964
New Melones (Tuolumne)	1	150.0	191.7	191.7	HC	Water		1979
	2	150.0	191.7	191.7	HC	Water		1979
Nimbus (Sacramento)	1	6.8	8.6	8.6	HC	Water		1955
	2	6.8	8.6	8.6	HC	Water		1955
ONeill (Merced)	1	4.2	4.8	4.8	HR	Water		1967
	2	4.2	4.8	4.8	HR	Water		1967
	3	4.2	4.8	4.8	HR	Water		1967
	4	4.2	4.8	4.8	HR	Water		1967
	5	4.2	4.8	4.8	HR	Water		1967
	6	4.2	4.8	4.8	HR	Water		1967
Parker (San Bernardino)	1	30.0	30.0	30.0	HC	Water		1942
	2	30.0	30.0	30.0	HC	Water		1942
	3	30.0	30.0	30.0	HC	Water		1942
	4	30.0	30.0	30.0	HC	Water		1942
Shasta (Shasta)	1	125.0	125.0	123.4	HC	Water		1943
	2	125.0	125.0	123.4	HC	Water		1949
	3	95.0	118.0	116.5	HC	Water		1948
	4	95.0	105.0	103.6	HC	Water		1944
	5	95.0	105.0	103.6	HC	Water		1947
Spring Creek (Shasta)	1	90.0	95.8	95.8	HC	Water		1963
	2	90.0	95.8	95.8	HC	Water		1963
Stampede (Sierra)	1	3.0	3.0	3.0	HC	Water		1987
	2	.7	.7	.7	HC	Water		1987
Trinity (Trinity)	1	70.0	70.0	70.0	HC	Water		1963
	2	70.0	70.0	70.0	HC	Water		1963
<b>California Dept-Wtr Resources</b>								
Alamo (Los Angeles)	1	17.0	18.0	17.2	HC	Water		1986
Bottle Rock (Lake)	1	55.0	52.5	52.5	GE	GST		1984
Devil Canyon (San Bernardino)	1	59.9	60.0	60.0	HC	Water		1972
	2	59.9	60.0	60.0	HC	Water		1976
Edward (Butte)	1	117.0	135.3	131.3	HC	Water		1967
	2	97.8	126.3	122.7	HR	Water		1968
	3	117.0	135.3	131.3	HC	Water		1968
	4	97.8	126.3	122.7	HR	Water		1968
	5	117.0	135.3	131.3	HC	Water		1968
	6	97.8	126.3	122.7	HR	Water		1968
San Luis (Merced)	**1	53.0	51.0	51.0	HR	Water		1968
	**2	53.0	50.0	50.0	HR	Water		1967
	**3	53.0	50.0	50.0	HR	Water		1967
	**4	53.0	50.0	50.0	HR	Water		1967
	**5	53.0	50.0	50.0	HR	Water		1967
	**6	53.0	50.0	50.0	HR	Water		1967
	**7	53.0	50.0	50.0	HR	Water		1967
	**8	53.0	50.0	50.0	HR	Water		1967
Thermalito (Butte)	1	32.6	28.0	30.0	HC	Water		1966
	2	27.5	25.7	27.3	HR	Water		1968

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>California</b>								
California Dept-Wtr Resources	3	27.5	25.7	27.3	HR	Water		1968
	4	27.5	25.7	27.3	HR	Water		1967
Thermalito Diversion (Butte) .....	TD1	3.0	3.0	2.9	HC	Water		1987
W E Warne (Los Angeles) .....	1	37.1	38.0	38.0	HC	Water		1982
	2	37.1	38.0	38.0	HC	Water		1982
East Bay Municipal Util Dist								
Camanche (San Joaquin) .....	1	3.6	3.6	3.6	HC	Water		1983
	2	3.6	3.6	3.6	HC	Water		1983
	3	3.6	3.6	3.6	HC	Water		1983
Pardee (Calaveras) .....	1	7.5	9.4	9.4	HC	Water		1930
	2	7.5	9.4	9.4	HC	Water		1930
	3	8.6	9.9	9.9	HC	Water		1983
Escondido City of								
Bear Valley (San Diego) .....	HC1	.8	.8	.8	HC	Water		1986
	HC2	.8	.8	.8	HC	Water		1986
Rincon Power (San Diego) .....	1	.2	.2	.2	HC	Water		1915
	2	.2	.2	.2	HC	Water		1915
Glendale City of								
Grayson (Los Angeles) .....	1	20.0	20.0	20.0	CW	WH		1977
	2	20.0	20.0	20.0	CW	WH		1977
	3	20.0	20.0	21.0	ST	Nat Gas	FO6	1953
	4	44.0	44.0	45.0	ST	Nat Gas	FO6	1959
	5	44.0	44.0	45.0	ST	FO6	Nat Gas	1964
	6	22.0	15.0	18.0	GT	Nat Gas	FO2	1972
	7	31.0	20.0	23.0	GT	Nat Gas	FO2	1974
	8A	26.4	26.0	30.0	CT	Nat Gas	FO6	1977
	8BC	55.1	54.0	60.0	CT	Nat Gas	FO6	1977
Imperial Irrigation District								
Brawley (Imperial) .....	GT1	11.3	9.0	11.0	GT	FO2		1962
	GT2	11.3	9.0	11.0	GT	FO2		1962
	IC1	.8	.6	.6	IC	FO2		1936
	IC2	.8	.6	.6	IC	FO2		1936
	3	.8	.6	.6	IC	FO2		1936
	4	1.8	1.6	1.6	IC	FO2		1938
	5	1.8	1.6	1.6	IC	FO2		1938
	6	1.8	1.6	1.6	IC	FO2		1938
	7	2.9	2.7	2.7	IC	FO2		1939
	8	2.9	2.7	2.7	IC	FO2		1939
Coachella (Riverside) .....	1	23.2	20.0	20.0	GT	Nat Gas	FO2	1973
	2	23.2	20.0	20.0	GT	Nat Gas	FO2	1973
	3	23.2	20.0	20.0	GT	Nat Gas	FO2	1974
	4	23.2	20.0	20.0	GT	Nat Gas	FO2	1976
Double Weir (Imperial) .....	1	.3	.3	.3	HC	Water		1961
	2	.3	.3	.3	HC	Water		1961
Drop No 5 (Imperial) .....	1	2.0	1.5	1.9	HC	Water		1982
	2	2.0	1.5	1.9	HC	Water		1982
Drop 1 (Imperial) .....	1	2.0	1.7	1.9	HC	Water		1984
	2	2.0	1.7	1.9	HC	Water		1984
	3	2.0	1.6	1.9	HC	Water		1984
Drop 2 (Imperial) .....	1	5.0	4.0	4.9	HC	Water		1953
	2	5.0	4.0	4.9	HC	Water		1953
Drop 3 (Imperial) .....	1	4.8	4.0	4.7	HC	Water		1941
	2	5.0	4.0	4.9	HC	Water		1966
Drop 4 (Imperial) .....	1	10.0	8.0	10.0	HC	Water		1950
	2	9.6	8.0	9.6	HC	Water		1941
East Highline (Imperial) .....	1	2.4	2.0	2.3	HC	Water		1984
El Centro (Imperial) .....	1	23.0	22.0	22.0	ST	Nat Gas	FO6	1949
	2	34.5	30.0	30.0	ST	Nat Gas	FO6	1952
	3	50.0	48.0	48.0	ST	Nat Gas	FO6	1957
	4	81.6	80.0	80.0	ST	Nat Gas	FO6	1968
Pilot Knob (Imperial) .....	1	16.5	4.0	16.7	HC	Water		1957
	2	16.5	3.0	16.7	HC	Water		1957

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>California</b>								
Imperial Irrigation District								
Rockwood (Imperial)	1	25.0	25.0	25.0	GT	Nat Gas	FO2	1979
	2	25.0	25.0	25.0	GT	FO2		1980
Turnip (Imperial)	1	.4	.4	.4	HC	Water		1964
Kings River Conservation Dist								
Pine Flat (Fresno)	1	55.0	55.0	57.3	HC	Water		1983
	2	55.0	55.0	57.3	HC	Water		1983
	3	55.0	55.0	57.3	HC	Water		1984
Los Angeles City of								
Big Pine (Inyo)	1	3.2	<sup>3</sup> 9.0	<sup>3</sup> 9.0	HC	Water		1925
Castaic (Los Angeles)	1	212.5	2	2	HR	Water		1973
	2	212.5	2	2	HR	Water		1974
	3	212.5	2	2	HR	Water		1976
	4	212.5	2	2	HR	Water		1977
	5	212.5	2	2	HR	Water		1977
	6	212.5	2	2	HR	Water		1978
	7	56.0	<sup>2</sup> 1,247.0	<sup>2</sup> 1,247.0	HC	Water		1972
Control Gorge (Inyo)	1	37.5	<sup>5</sup> 110.0	<sup>5</sup> 110.0	HC	Water		1952
Cottonwood (Inyo)	1	.8	3	3	HC	Water		1908
	2	.8	3	3	HC	Water		1909
Division Creek (Inyo)	1	.6	3	3	HC	Water		1909
Foothill Power (Los Angeles)	1	11.0	<sup>4</sup> 81.0	<sup>4</sup> 81.0	HC	Water		1971
Franklin (Los Angeles)	1	2.0	4	4	HC	Water		1921
Hawee (Inyo)	1	2.8	3	3	HC	Water		1927
	2	2.8	3	3	HC	Water		1927
Harbor Gen Station (Los Angeles)	GT6	23.6	19.0	19.0	GT	Nat Gas	FO2	1972
	GT7	23.6	19.0	19.0	GT	Nat Gas	FO2	1972
	GT8	23.6	19.0	19.0	GT	Nat Gas	FO2	1972
	GT9	23.6	19.0	19.0	GT	Nat Gas	FO2	1972
	3	86.4	62.0	62.0	ST	Nat Gas	FO6	1949
	4	86.3	86.0	86.0	ST	Nat Gas	FO6	1948
	5	86.3	86.0	86.0	ST	Nat Gas	FO6	1949
Haynes Gen Station (Los Angeles)	1	230.0	222.0	222.0	ST	Nat Gas	FO6	1962
	2	230.0	222.0	222.0	ST	Nat Gas	FO6	1963
	3	230.0	222.0	222.0	ST	Nat Gas	FO6	1964
	4	230.0	222.0	222.0	ST	Nat Gas	FO6	1964
	5	343.0	341.0	341.0	ST	Nat Gas	FO6	1966
	6	343.0	341.0	341.0	ST	Nat Gas	FO6	1967
Middle Gorge (Mono)	1	37.5	5	5	HC	Water		1952
Pleasant Valley (Inyo)	1	3.2	3	3	HC	Water		1958
San Fernando (Los Angeles)	1	2.8	4	4	HC	Water		1922
	2	2.8	4	4	HC	Water		1922
San Francisquito 1 (Los Angeles)	1A	25.0	4	4	HC	Water		1983
	3	9.4	4	4	HC	Water		1917
	4	10.0	4	4	HC	Water		1923
	5	25.0	4	4	HC	Water		1928
San Francisquito 2 (Los Angeles)	1	14.0	4	4	HC	Water		1920
	2	14.0	4	4	HC	Water		1920
	3	14.0	4	4	HC	Water		1932
Sawtelle (Los Angeles)	1	6	6	6	HC	Water		1986
Scattergood Gen Sta (Los Angeles)	1	163.2	179.0	179.0	ST	Nat Gas	FO6	1958
	2	163.2	179.0	179.0	ST	Nat Gas	FO6	1959
	3	496.8	358.0	358.0	ST	Nat Gas		1974
Upper Gorge (Mono)	1	37.5	5	5	HC	Water		1953
Valley Gen Station (Los Angeles)	1	100.0	95.0	95.0	ST	Nat Gas	FO6	1954
	2	100.0	99.0	99.0	ST	Nat Gas	FO6	1954
	3	172.8	163.0	163.0	ST	Nat Gas	FO6	1955
	4	172.8	160.0	160.0	ST	Nat Gas	FO6	1956
Merced Irrigation District								
Exenequer (Mariposa)	1	80.1	89.0	87.0	HC	Water		1967
McSwain (Mariposa)	1	9.0	6.0	6.0	HC	Water		1967
Papazian (Merced)	1	.9	1.0	.8	HC	Water		1983

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>California</b>								
Merced Irrigation District								
Parker (Merced) .....	1	2.7	3.0	2.6	HC	Water		1982
Rota (Merced) .....	1	.9	1.0	.8	HC	Water		1983
Metropolitan Water District								
Corona (Riverside) .....	1	2.9	3.0	3.0	HL	Water		1983
Coyote Creek (Orange) .....	1	3.1	3.0	3.0	HL	Water		1984
Foothill Feeder (Los Angeles) .....	1	4.5	<sup>2</sup> 9.0	<sup>2</sup> 9.0	HL	Water		1981
	2	4.5	2	2	HL	Water		1981
Grog Avenue (Los Angeles) .....	1	1.0	1.0	1.0	HL	Water		1979
Lake Mathews (Riverside) .....	1	4.9	5.0	5.0	HL	Water		1980
Perris (Riverside) .....	1	7.9	8.0	8.0	HL	Water		1983
Red Mountain (San Diego) .....	1	5.9	6.0	6.0	HL	Water		1985
Rio Hondo (Los Angeles) .....	1	1.9	1.9	1.8	HL	Water		1983
San Dimas (Los Angeles) .....	1	9.9	10.0	10.0	HL	Water		1981
Sepulveda Canyon (Los Angeles) .....	1	8.5	9.0	9.0	HL	Water		1982
Tornescal (Riverside) .....	1	2.9	3.0	3.0	HL	Water		1983
Valley View (Orange) .....	1	4.1	4.1	4.0	HL	Water		1985
Venico (Los Angeles) .....	1	10.1	10.0	10.0	HL	Water		1982
Yorba Linda (Orange) .....	1	5.1	5.0	5.0	HL	Water		1981
Modesto Irrigation District								
McClure (Stanislaus) .....	1	71.2	56.0	61.0	GT	FO2	Nat Gas	1980
	2	71.2	56.0	61.0	GT	FO2	Nat Gas	1981
New Hogan (Calaveras) .....	**NA1	2.0	2.0	2.0	HC	Water		1986
	**NA2	1.0	1.0	1.0	HC	Water		1986
Stone Drop (Stanislaus) .....	1	.6	.2	.6	HC	Water		1984
Nevada Irrigation District								
Bowman (Nevada) .....	4N	3.0	3.0	2.9	HC	Water		1986
Chicago Park (Nevada) .....	2P	41.5	42.0	42.0	HC	Water		1985
Combie North (Nevada) .....	6P	.3	.3	.3	HC	Water		1987
Combie South (Nevada) .....	1	.5	.5	.5	HC	Water		1984
	2	.5	.5	.5	HC	Water		1984
	3	.5	.5	.5	HC	Water		1985
Dutch Flat 2 (Nevada) .....	3P	26.0	26.0	26.0	HC	Water		1980
Rollins (Nevada) .....	1P	12.1	12.1	12.2	HC	Water		1980
Scott Flat (Nevada) .....	7P	1.0	1.0	1.0	HC	Water		1984
Oakdale & South San Joaquin								
Beardsley (Tuolumne) .....	1	10.0	11.0	8.0	HC	Water		1957
Donnels (Tuolumne) .....	H1	54.0	67.5	67.5	HC	Water		1957
Sand Bar (Tuolumne) .....	**1	16.2	16.2	16.2	HC	Water		1986
Tulloch (Tuolumne) .....	1	17.0	18.0	8.0	HC	Water		1958
	2	17.0	18.0	8.0	HC	Water		1958
Oroville-Wyandotte Irrig Dist								
Forbestown (Butte) .....	1	29.0	27.0	27.0	HC	Water		1963
Kelly Ridge (Butte) .....	1	10.0	9.0	9.0	HC	Water		1963
Sly Creek (Butte) .....	1	12.1	9.0	7.0	HC	Water		1983
Woodleaf (Butte) .....	1	52.0	49.0	49.0	HC	Water		1963
Pacific Gas & Electric Co								
A G Wishon (Madera) .....	1	4.0	<sup>2</sup> 20.0	<sup>2</sup> 20.0	HC	Water		1910
	2	4.0	2	2	HC	Water		1910
	3	4.0	2	2	HC	Water		1910
	4	4.0	2	2	HC	Water		1910
Alta (Placer) .....	1	1.0	1.0	1.0	HC	Water		1902
	2	1.0	1.0	1.0	HC	Water		1902
Angels (Calaveras) .....	1	1.8	1.0	1.0	HC	Water		1940
Balch 1 (Fresno) .....	1	33.0	34.0	34.0	HC	Water		1926
Balch 2 (Fresno) .....	2	54.0	<sup>2</sup> 105.0	<sup>2</sup> 105.0	HC	Water		1958
	3	54.0	2	2	HC	Water		1958
Belden (Plumas) .....	1	131.0	125.0	125.0	HC	Water		1969
Bucks Creek (Plumas) .....	H1	33.0	<sup>2</sup> 55.0	<sup>2</sup> 55.0	HC	Water		1928
	H2	33.0	2	2	HC	Water		1928
Bull Valley (Plumas) .....	1	44.4	40.0	40.0	HC	Water		1958

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>California</b>								
Pacific Gas & Electric Co								
Caribou 1 (Plumas)	1	27.8	<sup>2</sup> 75.0	<sup>2</sup> 75.0	HC	Water		1921
	2	27.8	2 -	2 -	HC	Water		1921
	3	26.5	2 -	2 -	HC	Water		1924
Caribou 2 (Plumas)	4	64.0	<sup>2</sup> 120.0	<sup>2</sup> 120.0	HC	Water		1958
	5	67.0	2 -	2 -	HC	Water		1958
Conterville (Butte)	1	5.5	<sup>2</sup> 6.4	<sup>2</sup> 6.4	HC	Water		1907
	2	.9	2 -	2 -	HC	Water		1904
Chill Bar (El Dorado)	1	7.8	7.0	7.0	HC	Water		1964
Coal Canyon (Butte)	1	1.0	.9	.9	HC	Water		1907
Coleman (Shasta)	1	13.5	13.0	13.0	HC	Water		1979
Contra Costa (Contra Costa)	1	118.8	116.0	116.0	ST	Nat Gas	FO6	1951
	2	103.5	116.0	116.0	ST	Nat Gas	FO6	1951
	3	103.5	116.0	116.0	ST	Nat Gas	FO6	1951
	4	112.5	117.0	117.0	ST	Nat Gas	FO6	1953
	5	112.5	115.0	115.0	ST	Nat Gas	FO6	1953
	6	359.0	340.0	340.0	ST	Nat Gas	FO6	1964
	7	359.0	340.0	340.0	ST	Nat Gas	FO6	1964
Contra Costa Mobile (Contra Costa)	1	13.3	15.0	15.0	GT	FO2		1976
Cow Creek (Shasta)	1	.9	.7	.8	HC	Water		1907
	2	.9	.9	.8	HC	Water		1907
Crane Valley (Madera)	1	1.1	.9	.9	HC	Water		1919
Crosta (Butte)	1	37.5	<sup>2</sup> 70.0	<sup>2</sup> 70.0	HC	Water		1949
	2	41.0	2 -	2 -	HC	Water		1949
Door Creek (Nevada)	1	6.9	5.7	5.7	HC	Water		1908
DoSabra (Butte)	1	20.5	18.5	18.5	HC	Water		1962
Diablo Canyon (San Luis Obispo)	1	1,136.5	1073.0	1073.0	NP	Uranium		1984
	2	1184.1	1079.0	1079.0	NP	Uranium		1985
Downeville (Sierra)	1	.8	.7	.8	IC	FO2		1965
Drum 1 (Placer)	1	15.0	<sup>2</sup> 54.0	<sup>2</sup> 54.0	HC	Water		1913
	2	15.0	2 -	2 -	HC	Water		1913
	3	15.0	2 -	2 -	HC	Water		1922
	4	16.5	2 -	2 -	HC	Water		1928
Drum 2 (Placer)	5	59.0	49.5	49.5	HC	Water		1965
Dutch Flat (Placer)	1	27.5	22.0	22.0	HC	Water		1942
El Dorado (El Dorado)	1	12.5	<sup>2</sup> 21.0	<sup>2</sup> 21.0	HC	Water		1924
	2	12.5	2 -	2 -	HC	Water		1924
Electra (Amador)	1	35.9	<sup>2</sup> 89.1	<sup>2</sup> 89.1	HC	Water		1948
	2	39.0	2 -	2 -	HC	Water		1948
	3	39.0	2 -	2 -	HC	Water		1948
Haas (Fresno)	H1	75.0	<sup>2</sup> 144.0	<sup>2</sup> 144.0	HC	Water		1958
	H2	75.0	2 -	2 -	HC	Water		1958
Halsay (Placer)	1	17.0	11.0	11.0	HC	Water		1916
Hamilton Branch (Plumas)	1	3.3	<sup>2</sup> 4.8	<sup>2</sup> 4.8	HC	Water		1921
	2	3.2	2 -	2 -	HC	Water		1921
Hat Creek 1 (Shasta)	1	12.5	8.5	8.5	HC	Water		1921
Hat Creek 2 (Shasta)	1	12.5	8.5	8.5	HC	Water		1921
Holms (Fresno)	1	390.0	351.0	351.0	HR	Water		1984
	2	390.0	351.0	351.0	HR	Water		1984
	3	390.0	351.0	351.0	HR	Water		1984
Humboldt Bay (Humboldt)	GT2	13.3	15.0	15.0	GT	FO2		1976
	GT3	13.3	15.0	15.0	GT	FO2		1976
	ST1	51.2	52.0	52.0	ST	Nat Gas	FO6	1956
	ST2	51.2	53.0	53.0	ST	Nat Gas	FO6	1958
Hunters Point (San Francisco)	GT1	56.3	49.0	49.0	GT	FO2		1976
	2	100.1	107.0	107.0	ST	Nat Gas	FO6	1948
	3	100.1	107.0	107.0	ST	Nat Gas	FO6	1948
	4	156.3	163.0	163.0	ST	Nat Gas	FO6	1958
Inskip (Tohama)	1	8.5	8.0	8.0	HC	Water		1979
Jarnes B Black (Shasta)	1	94.6	<sup>2</sup> 172.0	<sup>2</sup> 172.0	HC	Water		1966
	2	92.8	2 -	2 -	HC	Water		1966
Kerckhoff (Fresno)	H1	14.2	<sup>2</sup> 38.0	<sup>2</sup> 38.0	HC	Water		1920
	H2	14.2	2 -	2 -	HC	Water		1920
	H3	14.2	2 -	2 -	HC	Water		1920
Kerckhoff 2 (Fresno)	1	155.0	149.0	149.0	HC	Water		1983
Kern (Kern)	1	60.0	74.0	74.0	ST	Nat Gas	FO6	1948
	2	92.0	106.0	106.0	ST	FO6 Nat Gas		1949

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>California</b>								
Pacific Gas & Electric Co								
Korn Canyon (Kern)	1	10.6	10.0	10.0	HC	Water		1921
Kilare (Shasta)	1	1.5	<sup>2</sup> 3.2	<sup>2</sup> 3.2	HC	Water		1904
	2	1.5	2	2	HC	Water		1961
Kings River (Fresno)	H1	49.0	52.0	52.0	HC	Water		1906
Limo Saddle (Butte)	1	1.0	1.0	1.0	HC	Water		1906
	2	1.0	1.0	1.0	HC	Water		1930
Merced Falls (Merced)	1	4.0	3.5	3.5	HC	Water		1950
Morro Bay (San Luis Obispo)	1	169.1	163.0	163.0	ST	Nat Gas	FO6	1955
	2	169.1	163.0	163.0	ST	Nat Gas	FO6	1962
	3	359.0	338.0	338.0	ST	Nat Gas	FO6	1903
	4	359.0	338.0	338.0	ST	Nat Gas	FO6	1950
Moss Landing (Monterey)	1	100.1	116.0	116.0	ST	Nat Gas	FO6	1950
	2	103.5	115.0	115.0	ST	Nat Gas	FO6	1951
	3	100.0	117.0	117.0	ST	Nat Gas	FO6	1952
	4	112.5	117.0	117.0	ST	Nat Gas	FO6	1952
	5	112.5	117.0	117.0	ST	Nat Gas	FO6	1967
	6	811.8	739.0	739.0	ST	Nat Gas	FO6	1968
	7	811.8	739.0	739.0	ST	Nat Gas	FO6	1953
Murphys (Calaveras)	1	4.5	4.0	4.0	HC	Water		1942
Narrows (Nevada)	1	12.0	12.0	12.0	HC	Water		1906
Nowcastle (Placer)	1	14.1	11.0	11.0	HC	Water		1965
Oak Flat (Plumas)	1	1.6	1.3	1.3	HC	Water		1978
Oakland (Alameda)	1	67.1	54.0	64.0	GT	FO2		1978
	2	67.1	54.0	64.0	GT	FO2		1978
	3	67.1	54.0	54.0	GT	FO2		1939
Phoenix (Tuolumne)	1	2.0	2.0	2.0	HC	Water		1922
Pit 1 (Shasta)	H1	38.5	<sup>2</sup> 61.0	<sup>2</sup> 61.0	HC	Water		1922
	H2	35.0	2	2	HC	Water		1925
Pit 3 (Shasta)	H1	29.7	<sup>2</sup> 70.0	<sup>2</sup> 70.0	HC	Water		1925
	H2	29.7	2	2	HC	Water		1925
	H3	29.7	2	2	HC	Water		1955
Pit 4 (Shasta)	1	57.5	<sup>2</sup> 95.0	<sup>2</sup> 95.0	HC	Water		1955
	2	50.0	2	2	HC	Water		1944
Pit 5 (Shasta)	H1	44.0	<sup>2</sup> 156.0	<sup>2</sup> 156.0	HC	Water		1944
	H2	44.0	2	2	HC	Water		1944
	H3	40.0	2	2	HC	Water		1944
	H4	41.6	2	2	HC	Water		1965
Pit 6 (Shasta)	H1	44.0	<sup>2</sup> 80.0	<sup>2</sup> 80.0	HC	Water		1965
	H2	44.0	2	2	HC	Water		1965
Pit 7 (Shasta)	H1	58.0	<sup>2</sup> 112.0	<sup>2</sup> 112.0	HC	Water		1965
	H2	64.0	2	2	HC	Water		1954
Pittsburg (Contra Costa)	1	156.3	163.0	163.0	ST	Nat Gas	FO6	1954
	2	156.3	163.0	163.0	ST	Nat Gas	FO6	1954
	3	156.3	163.0	163.0	ST	Nat Gas	FO6	1954
	4	156.3	163.0	163.0	ST	Nat Gas	FO6	1954
	5	325.4	325.0	325.0	ST	FO6	Nat Gas	1960
	6	326.0	325.0	325.0	ST	FO6	Nat Gas	1961
	7	751.1	720.0	720.0	ST	FO6	Nat Gas	1972
Poe (Butte)	1	79.4	<sup>2</sup> 120.0	<sup>2</sup> 120.0	HC	Water		1958
	2	79.4	2	2	HC	Water		1965
Potrero (San Francisco)	3	217.9	207.0	207.0	ST	Nat Gas	FO6	1976
	4	67.1	49.0	56.0	GT	FO2		1976
	5	67.1	56.0	56.0	GT	FO2		1976
	6	67.1	49.0	49.0	GT	FO2		1908
Potter Valley (Mendocino)	1	5.5	<sup>2</sup> 9.2	<sup>2</sup> 9.2	HC	Water		1908
	2	2.5	2	2	HC	Water		1908
	3	3.3	2	2	HC	Water		1989
PVUSA 1 (Yolo)	1	1.0	1.0	1.0	SP	Sun		1950
Rock Creek (Plumas)	H1	69.3	<sup>2</sup> 112.0	<sup>2</sup> 112.0	HC	Water		1950
	H2	69.3	2	2	HC	Water		1931
Salt Springs Unit 1 (Amador)	1	13.5	<sup>2</sup> 44.0	<sup>2</sup> 44.0	HC	Water		1952
	2	40.0	2	2	HC	Water		1918
San Joaquin 1A (Madera)	1	4	4	4	HC	Water		1917
San Joaquin 2 (Madera)	1	3.6	3.2	3.2	HC	Water		1923
San Joaquin 3 (Madera)	3	5.0	4.2	4.2	HC	Water		1979
South (Tehama)	1	7.5	7.0	7.0	HC	Water		1979

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>California</b>								
Pacific Gas & Electric Co								
Spaulding 1 (Nevada)	1	8.8	7.0	7.0	HC	Water		1928
Spaulding 2 (Nevada)	1	4.1	4.4	4.4	HC	Water		1928
Spaulding 3 (Nevada)	1	8.5	5.8	5.8	HC	Water		1928
Spring Gap (Tuolumne)	1	7.5	7.0	7.0	HC	Water		1921
Stanslaus (Tuolumne)	HC1	91.0	91.0	91.0	HC	Water		1962
The Geysers (Sonoma)	1	12.5	11.0	11.0	GE	GS1		1960
	10	59.4	53.0	53.0	GE	GS1		1973
	11	118.8	106.0	106.0	GE	GS1		1975
	12	118.8	106.0	106.0	GE	GS1		1978
	13	130.8	133.0	133.0	GE	GS1		1980
	14	124.0	109.0	109.0	GE	GS1		1980
	16	124.0	113.0	113.0	GE	GS1		1985
	17	124.0	113.0	113.0	GE	GS1		1982
	18	124.0	113.0	113.0	GE	GS1		1982
	2	14.1	13.0	13.0	GE	GS1		1963
	20	124.0	113.0	113.0	GE	GS1		1985
	3	28.8	27.0	27.0	GE	GS1		1967
	4	28.8	27.0	27.0	GE	GS1		1968
	5	59.4	53.0	53.0	GE	GS1		1971
	6	59.4	53.0	53.0	GE	GS1		1971
	7	59.4	53.0	53.0	GE	GS1		1972
	8	59.4	53.0	53.0	GE	GS1		1972
	9	59.4	53.0	53.0	GE	GS1		1973
Tiger Creek (Amador)	H1	30.0	258.0	258.0	HC	Water		1931
	H2	30.0	2	2	HC	Water		1931
Toadtown (Butte)	1	1.9	1.0	1.0	HC	Water		1986
Tule (Tulare)	1	4.3	3.2	3.2	HC	Water		1913
	2	4.3	3.2	3.2	HC	Water		1913
Volla 1 (Shasta)	1	9.5	6.3	6.3	HC	Water		1980
Volla 2 (Shasta)	1	1.1	1.0	1.0	HC	Water		1981
West Point (Amador)	1	16.0	14.5	14.5	HC	Water		1948
Wise (Placer)	1	17.0	14.0	14.0	HC	Water		1916
	2	3.2	2.7	2.7	HC	Water		1986
PacifiCorp								
Copco 1 (Siskiyou)	1	10.0	12.5	10.0	HC	Water		1918
	2	10.0	12.5	10.0	HC	Water		1922
Copco 2 (Siskiyou)	1	13.5	14.8	13.5	HC	Water		1925
	2	13.5	14.8	13.5	HC	Water		1925
Fall Creek (Siskiyou)	1	5	5	5	HC	Water		1903
	2	5	5	5	HC	Water		1907
	3	1.3	1.3	1.3	HC	Water		1910
Iron Gate (Siskiyou)	1	18.0	19.5	20.0	HC	Water		1961
Pasadena City of								
Azusa (Los Angeles)	1	3.0	2.0	2.0	HC	Water		1948
Broadway (Los Angeles)	H1	40.0	45.0	45.0	S1	FOG	Nat Gas	1954
	H2	40.0	45.0	45.0	S1	FOG	Nat Gas	1957
	H3	71.0	71.0	71.0	S1	FOG	Nat Gas	1965
Glenarm (Los Angeles)	GT1	34.0	30.4	30.4	GT	FO2	Nat Gas	1975
	GT2	34.0	30.4	30.4	GT	FO2	Nat Gas	1975
	S19	35.0	40.0	40.0	S1	FO2	Nat Gas	1949
Placer County Water Agency								
French Meadows (Placer)	1	15.3	17.0	17.0	HC	Water		1966
Hell Hole (Placer)	1	7	5	2	HC	Water		1983
Middle Fork (Placer)	1	54.9	66.0	62.5	HC	Water		1966
	2	54.9	66.0	62.5	HC	Water		1966
Oxbow (Placer)	1	6.6	6.0	6.0	HC	Water		1966
Halston (Placer)	1	79.2	86.3	86.3	HC	Water		1968
Holding City of								
Whiskeytown (Shasta)	1	32	8	1.6	HC	Water		1986
Sacramento Municipal Util Dist								
Camino (El Dorado)	H1	71.3	75.0	75.0	HC	Water		1963

See footnotes at end of table



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>California</b>								
Sacramento Municipal Util Dist								
	H2	71.3	75.0	75.0	HC	Water		1988
	**1	6.8	6.8	6.8	HC	Water		1985
Camp Far West (Placer)		65.0	65.0	65.0	GT	GST		1988
Coldwater Creek (Sonoma)	**GE1	65.0	65.0	65.3	GT	GST		1988
	**GE2	65.0	65.0	65.3	GT	GST		1988
Jaybird (El Dorado)	H1	69.5	69.5	69.5	HC	Water		1961
	H2	69.5	69.5	69.5	HC	Water		1961
Jonas Fork (El Dorado)	1	10.0	10.0	10.0	HC	Water		1971
Leon Lake (El Dorado)	H1	74.1	82.0	82.0	HC	Water		1971
McClellan (Sacramento)	1	74.2	49.0	49.0	GT	FO2	Nat Gas	1969
Hancho Soco (Sacramento)	1	983.0	873.0	903.0	NP	Uranium		1974
Hobbs Peak (El Dorado)	1	23.8	22.0	22.0	HC	Water		1965
Slab Creek (El Dorado)	1	5	4	4	HC	Water		1983
Smudgee (Sonoma)	1	78.0	72.0	72.0	GT	GST		1983
Solar (Sacramento)	1	1.0	1.0	1.0	SP	Sun		1984
	2	1.0	1.0	1.0	SP	Sun		1986
Union Valley (El Dorado)	1	33.3	37.5	37.0	HC	Water		1963
White Rock (El Dorado)	H1	95.0	111.5	111.5	HC	Water		1968
	H2	95.0	111.5	111.5	HC	Water		1967
<b>San Diego Gas &amp; Electric Co</b>								
Division (San Diego)	1	18.0	18.0	19.0	GT	FO2		1988
El Cajon (San Diego)	1	18.0	18.0	20.0	GT	Nat Gas	FO2	1968
Encina (San Diego)	GT1	18.0	18.0	20.0	GT	Nat Gas	FO2	1954
	ST1	110.3	105.0	105.0	ST	Nat Gas	FO6	1958
	2	110.3	104.0	104.0	ST	Nat Gas	FO6	1958
	3	110.3	110.0	110.0	ST	Nat Gas	FO6	1973
	4	306.0	287.0	287.0	ST	Nat Gas	FO6	1978
	5	345.6	315.0	315.0	ST	FO6	Nat Gas	1985
	1	70.0	40.0	45.0	GE	GST		1972
Hobor (Imperial)	1	20.7	17.0	20.0	GT	Nat Gas	FO2	1969
Kearny (San Diego)	1	72.0	66.0	78.0	GT	Nat Gas	FO2	1969
	2	72.0	66.0	78.0	GT	Nat Gas	FO2	1972
	3	72.0	66.0	78.0	GT	Nat Gas	FO2	1972
Miramar (San Diego)	1	39.1	39.0	48.0	GT	Nat Gas	FO2	1978
Naval Station (San Diego)	1	28.3	23.0	29.0	GT	Nat Gas	FO2	1968
Naval Training Ctr (San Diego)	1	18.0	16.0	20.0	GT	Nat Gas	FO2	1972
North Island (San Diego)	1	19.6	19.0	24.0	GT	FO2		1972
	2	19.6	19.0	24.0	GT	Nat Gas	FO2	1972
Silver Gate (San Diego)	1	40.0	40.0	40.0	ST	FO2	Nat Gas	1942
	2	69.0	62.0	62.0	ST	FO2	Nat Gas	1948
	3	69.0	64.0	64.0	ST	FO2	Nat Gas	1950
	4	69.0	64.0	64.0	ST	FO2	Nat Gas	1952
	1	18.6	19.0	22.0	GT	Jet Fuel		1966
South Bay (San Diego)	GT1	136.0	147.0	147.0	ST	Nat Gas	FO6	1960
	ST1	136.0	147.0	147.0	ST	Nat Gas	FO6	1962
	2	136.0	150.0	150.0	ST	Nat Gas	FO6	1964
	3	201.6	171.0	171.0	ST	Nat Gas	FO6	1964
	4	240.3	222.0	222.0	ST	Nat Gas	FO6	1971
Station B (San Diego)	H1	3.0	3.0	3.1	ST	Nat Gas	FO2	1928
<b>San Francisco City &amp; County of</b>								
Dion H Holm (Tuolumne)	1	78.0	142.0	137.0	HC	Water		1960
	2	78.0	7	2	HC	Water		1960
Moccasin (Tuolumne)	1	45.0	99.0	99.0	HC	Water		1969
	2	45.0	2	2	HC	Water		1969
Moccasin Low Head (Tuolumne)	1	3.0	3.0	3.0	HC	Water		1987
Robert C. Kirkwood (Tuolumne)	1	33.8	72.0	66.0	HC	Water		1967
	2	33.8	2	2	HC	Water		1967
	3	36.5	36.5	37.7	HC	Water		1987
<b>Santa Clara City of</b>								
Black Butte (Tahama)	1	6.2	6.2	6.2	HC	Water		1988
Cogeneration Plant (Santa Clara)	1	3.0	2.0	3.0	GT	Nat Gas	FO2	1980
	2	3.0	2.0	3.0	GT	Nat Gas	FO2	1987
Chanora (Santa Clara)	1	32.3	23.0	32.0	GT	Nat Gas	FO2	1986
	2	32.3	23.0	32.0	GT	Nat Gas	FO2	1986
Hughino (Glenn)	1	5	5	5	HC	Water		1988

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>California</b>									
Santa Clara City of Stony Gorge (Clonn)	1	2.5	2.5	2.5	HC	Water		1985	
	2	2.5	2.5	2.5	HC	Water		1985	
Sierra Pacific Power Co Furud (Nevada)	1	1.4	1.3	1.3	HC	Water		1933	
	2	1.4	1.3	1.3	HC	Water		1933	
	Kings Beach (Placer)	1	2.0	2.0	2.0	IC	FO2		1969
		2	2.0	2.0	2.0	IC	FO2		1969
		3	2.0	2.0	2.0	IC	FO2		1969
		4	2.0	2.0	2.0	IC	FO2		1969
Portola (Plumas)	5	2.0	2.0	2.0	IC	FO2		1969	
	6	2.0	2.0	2.0	IC	FO2		1969	
	3	2.0	1.8	2.0	IC	FO2		1965	
Southern California Edison Co Alamitos (Los Angeles)	1	163.2	175.0	175.0	ST	Nat Gas	FOB	1950	
	2	163.2	175.0	175.0	ST	Nat Gas	FOB	1957	
	3	333.0	320.0	320.0	ST	Nat Gas	FOB	1961	
Big Creek 1 (Fresno)	4	333.0	320.0	320.0	ST	Nat Gas	FOB	1962	
	5	495.0	480.0	480.0	ST	Nat Gas	FOB	1965	
	6	495.0	480.0	480.0	ST	Nat Gas	FOB	1968	
	7	138.1	133.0	147.0	CI	Nat Gas	Jet Fuel	1989	
	1	14.0	17.5	17.5	HC	Water		1913	
	2	14.0	17.0	17.0	HC	Water		1913	
	3	14.0	17.2	17.2	HC	Water		1923	
Big Creek 2 (Fresno)	4	28.0	31.2	31.2	HC	Water		1925	
	3	14.0	15.8	15.8	HC	Water		1913	
	4	14.0	15.8	15.8	HC	Water		1913	
Big Creek 2A (Fresno)	5	17.5	18.9	18.9	HC	Water		1920	
	6	17.5	18.8	18.8	HC	Water		1924	
	1	40.0	49.3	49.3	HC	Water		1928	
Big Creek 3 (Fresno)	2	55.0	49.2	49.2	HC	Water		1928	
	1	25.0	34.5	34.5	HC	Water		1923	
	2	25.0	34.5	34.5	HC	Water		1923	
	3	25.0	34.3	34.3	HC	Water		1923	
Big Creek 4 (Madera)	4	36.0	40.5	40.5	HC	Water		1948	
	5	36.5	38.1	38.1	HC	Water		1979	
	1	50.0	50.1	50.1	HC	Water		1951	
	2	42.0	50.1	50.1	HC	Water		1951	
	1	27.0	25.8	25.8	HC	Water		1921	
Bishop Creek 2 (Inyo)	2	31.5	38.7	38.7	HC	Water		1929	
	1	2.5	2.5	2.5	HC	Water		1908	
	2	2.5	2.5	2.5	HC	Water		1908	
Bishop Creek 3 (Inyo)	3	2.3	2.5	2.5	HC	Water		1911	
	1	2.8	2.6	2.6	HC	Water		1913	
	2	2.2	2.6	2.6	HC	Water		1913	
Bishop Creek 4 (Inyo)	3	2.2	2.7	2.7	HC	Water		1913	
	1	1.0	1.0	1.0	HC	Water		1905	
	2	1.0	1.0	1.0	HC	Water		1905	
	3	1.8	2.0	2.0	HC	Water		1906	
	4	1.8	2.0	2.0	HC	Water		1907	
Bishop Creek 5 (Inyo)	5	1.8	2.0	2.0	HC	Water		1909	
	1	2.0	2.0	2.0	HC	Water		1943	
Bishop Creek 6 (Inyo)	2	1.5	1.8	1.8	HC	Water		1919	
	1	1.6	2.0	2.0	HC	Water		1912	
Borol (Kern)	1	3.0	2.1	2.1	HC	Water		1904	
	2	3.0	2.5	2.5	HC	Water		1904	
	3	6.0	0.4	6.4	HC	Water		1931	
Catalina Micro Hydro (Los Angeles)	HY1	.	.	.	HL	Water		1983	
	HY2	.	.1	.1	HL	Water		1984	
	HY3	.1	.	.	HL	Water		1984	
Cool Water (San Bernardino)	1	65.3	65.0	65.0	ST	Nat Gas	FOB	1961	
	2	81.6	81.0	81.0	ST	Nat Gas	FOB	1964	
	3A	83.0	85.5	73.0	CI	Nat Gas	Jet Fuel	1978	

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>California</b>								
Southern California Edison Co								
	3B	83.0	86.5	73.0	GT	Nat Gas	Jot Fuel	1978
	3C	124.0	110.0	110.0	CW	WH		1978
	4A	83.0	86.5	73.0	GT	Nat Gas	Jot Fuel	1978
	4B	83.0	86.5	73.0	GT	Nat Gas	Jot Fuel	1978
	4C	124.0	110.0	110.0	CW	WH		1978
					WT	Wind		1982
DAF 50 Wind Turbine (Hiversido) .....	WT3	.1	.1	.1	HT	Water		1987
Eastwood (Fresno) .....	1	199.8	207.0	207.0	ST	Nat Gas	FOG	1955
El Segundo (Los Angeles) .....	1	158.3	175.0	175.0	ST	Nat Gas	FOG	1956
	2	158.3	175.0	175.0	ST	Nat Gas	FOG	1964
	3	342.0	335.0	335.0	ST	Nat Gas	FOG	1965
	4	342.0	335.0	335.0	ST	Nat Gas	FOG	1965
Ellwood (Santa Barbara) .....	1	56.7	48.0	53.0	GT	Nat Gas	Jot Fuel	1974
Elwanda (San Bernardino) .....	GT5	138.1	126.0	142.0	GT	Nat Gas	Jot Fuel	1968
	1	122.5	132.0	132.0	ST	Nat Gas	FOG	1953
	2	122.5	132.0	132.0	ST	Nat Gas	FOG	1953
	3	333.0	320.0	320.0	ST	Nat Gas	FOG	1963
	4	333.0	320.0	320.0	ST	Nat Gas	FOG	1963
Fontana (San Bernardino) .....	1	1.5	.9	.9	HC	Water		1917
	2	1.5	1.0	1.0	HC	Water		1917
Highgrove (Hiversido) .....	1	34.5	32.0	32.5	ST	Nat Gas	FOG	1952
	2	34.5	33.0	32.5	ST	Nat Gas	FOG	1952
	3	50.0	44.0	44.5	ST	Nat Gas	FOG	1953
	4	50.0	45.0	44.5	ST	Nat Gas	FOG	1955
Huntington Beach (Orange) .....	GT5	138.1	133.0	147.0	GT	Nat Gas	Jot Fuel	1989
	1	217.0	215.0	215.0	ST	Nat Gas	FOG	1958
	2	217.0	215.0	215.0	ST	Nat Gas	FOG	1958
	3	217.0	215.0	215.0	ST	Nat Gas	FOG	1961
	4	217.0	225.0	225.0	ST	Nat Gas	FOG	1961
Kawoah 1 (Tulare) .....	1	2.3	2.3	2.3	HC	Water		1929
Kawoah 2 (Tulare) .....	2	1.8	2.1	2.1	HC	Water		1929
Kawoah 3 (Tulare) .....	1	1.4	2.4	2.4	HC	Water		1913
	2	1.4	2.1	2.1	HC	Water		1913
Korn River 1 (Korn) .....	1	6.2	6.2	6.2	HC	Water		1907
	2	6.2	6.2	6.2	HC	Water		1907
	3	6.2	6.2	6.2	HC	Water		1907
	4	6.2	6.2	6.2	HC	Water		1907
Korn River 3 (Korn) .....	1	18.0	18.4	18.4	HC	Water		1921
	2	18.0	18.4	18.4	HC	Water		1920
Long Beach (Los Angeles) .....	GT1	63.0	55.7	60.0	GT	Nat Gas	Jot Fuel	1976
	GT2	63.0	55.7	60.0	GT	Nat Gas	Jot Fuel	1976
	GT3	63.0	55.7	60.0	GT	Nat Gas	Jot Fuel	1976
	GT4	63.0	55.7	60.0	GT	Nat Gas	Jot Fuel	1976
	GT5	63.0	55.7	60.0	GT	Nat Gas	Jot Fuel	1977
	GT6	63.0	55.7	60.0	GT	Nat Gas	Jot Fuel	1977
	GT7	63.0	55.7	60.0	GT	Nat Gas	Jot Fuel	1977
	8	63.0	80.0	80.0	CW	WH		1976
	9	62.5	60.0	60.0	CW	WH		1977
Lundy (Mono) .....	1	1.5	1.5	1.5	HC	Water		1911
	2	1.5	1.5	1.5	HC	Water		1911
Lytlo Crook (San Bernardino) .....	1	.2	.3	.3	HC	Water		1904
	2	.3	.3	.3	HC	Water		1904
Mammoth Pool (Madera) .....	1	84.3	93.5	93.5	HC	Water		1959
	2	84.7	93.5	93.5	HC	Water		1959
Mandalay (Ventura) .....	1	217.6	215.0	215.0	ST	Nat Gas	FOG	1959
	2	217.6	215.0	215.0	ST	Nat Gas	FOG	1959
	3	138.1	140.0	147.0	GT	Nat Gas	Jot Fuel	1970
Mill Crook 2 (San Bernardino) .....	1	.3	.3	.3	HC	Water		1902
Mill Crook 3 (San Bernardino) .....	3	1.0	.9	.9	HC	Water		1903
	4	1.0	.9	.9	HC	Water		1903
	5	1.0	.9	.9	HC	Water		1902
Ontario 1 (Los Angeles) .....	1	.2	.3	.3	HC	Water		1902
	2	.2	.3	.3	HC	Water		1902
	3	.2	.3	.3	HC	Water		1902
Ontario 2 (Los Angeles) .....	1	.3	.3	.3	HC	Water		1963
Ormond Beach (Ventura) .....	1	806.4	750.0	750.0	ST	Nat Gas	FOG	1971
	2	806.4	750.0	750.0	ST	Nat Gas	FOG	1973

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>California</b>								
Southern California Edison Co								
Pebbly Beach (Los Angeles)	10	1.1	1.1	1.1	IC	FO2		1906
	11	2.0	1.0	1.0	IC	FO2		1973
	12	1.6	1.0	1.6	IC	FO2		1976
	14	1.4	1.4	1.4	IC	FO2		1980
	7	1.0	1.0	1.0	IC	FO2		1958
	8	1.5	1.5	1.5	IC	FO2		1983
	1	10.0	10.0	10.0	HC	Water		1924
	1	10.0	10.5	10.5	HC	Water		1956
Poolo (Mono)	1	66.0	74.0	74.0	ST	Nat Gas	FO6	1948
Portal (Fresno)	1	66.0	70.0	70.0	ST	Nat Gas	FO6	1948
Rodondo Beach (Los Angeles)	2	69.0	74.0	74.0	ST	Nat Gas	FO6	1949
	3	66.0	70.0	70.0	ST	Nat Gas	FO6	1949
	4	69.0	74.0	74.0	ST	Nat Gas	FO6	1949
	5	156.3	175.0	175.0	ST	Nat Gas	FO6	1954
	6	163.2	175.0	175.0	ST	Nat Gas	FO6	1954
	7	495.0	480.0	480.0	ST	Nat Gas	FO6	1957
	8	495.0	480.0	480.0	ST	Nat Gas	FO6	1966
	1	4.4	4.5	4.5	HC	Water		1916
Rush Creek (Mono)	2	4.0	5.5	5.5	HC	Water		1917
San Bernardino (San Bernardino)	1	65.3	63.0	63.0	ST	Nat Gas	FO6	1957
	2	65.3	63.0	63.0	ST	Nat Gas	FO6	1958
San Geronimo 1 (Riverside)	1	1.5	1.5	1.5	HC	Water		1923
San Geronimo 2 (Riverside)	1	.9	.7	.7	HC	Water		1923
San Onofre (San Diego)	**1	456.0	436.0	436.0	NP	Uranium		1967
	**2	1127.0	1070.0	1070.0	NP	Uranium		1982
	**3	1127.0	1080.0	1080.0	NP	Uranium		1983
Santa Ana 2 (San Bernardino)	1	.4	.7	.7	HC	Water		1905
	2	.4	.7	.7	HC	Water		1905
Santa Ana 3 (San Bernardino)	1	1.2	1.7	1.7	HC	Water		1947
Sierra (Los Angeles)	1	.2	.4	.4	HC	Water		1921
	2	.2	.4	.4	HC	Water		1921
Tule (Tulare)	1	1.0	1.3	1.3	HC	Water		1909
	2	1.0	1.3	1.3	HC	Water		1909
Turlock Irrigation District								
Don Pedro (Tuolumne)	**1	45.5	55.0	55.0	HC	Water		1970
	**2	45.5	55.0	55.0	HC	Water		1971
	**3	45.5	55.0	55.0	HC	Water		1971
	**4	34.4	38.2	38.2	HC	Water		1989
Hickman (Stanislaus)	1	.6	.6	.5	HC	Water		1979
	2	.6	.6	.5	HC	Water		1979
La Grange (Stanislaus)	1	1.2	1.0	1.0	HC	Water		1924
	2	3.0	3.5	1.0	HC	Water		1924
Turlock Lake (Stanislaus)	1	1.1	1.1	1.0	HC	Water		1980
	2	1.1	1.1	1.0	HC	Water		1980
	3	1.1	1.1	1.0	HC	Water		1980
Upper Dawson (Stanislaus)	1	4.4	5.5	4.3	HC	Water		1983
Walnut (Stanislaus)	1	25.0	23.5	25.0	GT	Nat Gas	FO2	1985
	2	25.0	23.5	25.0	GT	Nat Gas	FO2	1986
Yuba County Water Agency								
Colgate (Yuba)	1	157.5	170.0	161.0	HC	Water		1960
	2	158.0	170.0	161.0	HC	Water		1960
Fish Power (Yuba)	HY1	.2	.2	.2	HC	Water		1986
Now Narrows (Yuba)	1	55.0	51.0	55.0	HC	Water		1969
<b>Colorado</b>								
Bureau of Reclamation								
Big Thompson (Larimer)	1	4.5	5.1	4.4	HC	Water		1959
	1	43.2	48.0	48.0	HC	Water		1967
Bluo Mesa (Gunnison)	2	43.2	48.0	48.0	HC	Water		1967
	1	28.0	31.0	31.0	HC	Water		1978
Crystal (Montrose)	1	15.0	15.0	15.0	HC	Water		1950
	2	15.0	15.0	15.0	HC	Water		1950
	3	15.0	15.0	15.0	HC	Water		1950
Flatiron (Larimer)	1	43.0	43.0	43.0	HC	Water		1953

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Colorado</b>								
Bureau of Reclamation	2	43.0	43.0	43.0	HC	Water		1953
	3	10.0	8.5	8.5	HR	Water		1954
Green Mountain (Summit) .....	1	13.0	<sup>2</sup> 12.0	<sup>2</sup> 5.0	HC	Water		1943
	2	13.0	2.0	2.0	HC	Water		1962
Lower Molina (Mesa) .....	1	4.9	4.9	4.9	HC	Water		1951
Marys Lake (Larimer) .....	1	8.1	8.1	8.1	HC	Water		1970
Morrow Point (Montrose) .....	1	60.0	73.0	73.0	HC	Water		1971
	2	60.0	73.0	73.0	HC	Water		1983
Mount Elbert (Lake) .....	1	100.0	100.0	100.0	HR	Water		1984
	2	100.0	100.0	100.0	HR	Water		1953
Pole Hill (Larimer) .....	1	36.5	35.0	33.0	HC	Water		1962
Upper Molina (Mesa) .....	1	8.6	8.6	8.6	HC	Water		1962
Burlington City of Burlington (Kit Carson) .....	1	1.3	1.0	1.0	IC	FO2		1960
	2	2.8	2.5	2.8	IC	FO2		1965
	3	2.5	2.2	2.5	IC	FO2		1969
	4	1.0	.8	.8	IC	FO2		1951
Centel Corp Pueblo (Pueblo) .....	IC1	2.0	2.0	2.0	IC	FO2		1964
	IC2	2.0	2.0	2.0	IC	FO2		1964
	IC3	2.0	2.0	2.0	IC	FO2		1964
	IC4	2.0	2.0	2.0	IC	FO2		1964
	IC5	2.0	2.0	2.0	IC	FO2		1964
	4	7.5	8.0	8.0	ST	Nat Gas		1922
	5	7.5	9.5	9.5	ST	Nat Gas	FO2	1941
	6	15.0	19.0	19.0	ST	Nat Gas	FO2	1949
Rocky Ford (Otero) .....	IC1	2.0	2.0	2.0	IC	FO2		1964
	IC2	2.0	2.0	2.0	IC	FO2		1964
	IC3	2.0	2.0	2.0	IC	FO2		1964
	IC4	2.0	2.0	2.0	IC	FO2		1964
	IC5	2.0	2.0	2.0	IC	FO2		1964
	1	7.5	8.5	8.5	ST	Nat Gas	FO6	1951
W N Clark (Fremont) .....	**1	16.5	19.0	19.0	ST	BIT		1955
	2	22.0	24.0	24.0	ST	BIT		1958
Center City of Center (Saguache) .....	3	.5	.5	.5	IC	FO2	Nat Gas	1963
	5	1.0	1.0	1.0	IC	FO2		1959
Colorado Springs City of George Birdsall (El Paso) .....	1	18.8	17.0	17.0	ST	Nat Gas	FO6	1953
	2	18.8	17.0	17.0	ST	Nat Gas	FO6	1954
	3	25.0	23.0	23.0	ST	Nat Gas	FO6	1957
Manitou (El Paso) .....	1	2.5	2.5	1.0	HC	Water		1939
	2	2.5	2.5	1.0	HC	Water		1927
Martin Drake (El Paso) .....	1	5.0	5.0	5.0	ST	Nat Gas	FO6	1945
	2A	2.5	2.5	2.6	ST	Nat Gas	FO2	1925
	2B	2.5	2.5	2.6	ST	Nat Gas	FO2	1925
	3	5.0	5.0	5.0	ST	Nat Gas	FO6	1932
	4	10.0	11.0	11.0	ST	Nat Gas	FO6	1949
	5	50.0	50.0	50.0	ST	BIT	Nat Gas	1962
	6	75.0	79.0	79.0	ST	BIT	Nat Gas	1968
	7	132.0	133.0	133.0	ST	BIT	Nat Gas	1974
Ray D Nixon (El Paso) .....	1	207.0	204.0	204.0	ST	BIT		1979
Ruxton (El Paso) .....	1	1.0	1.0	.9	HC	Water		1905
Colorado-Ute Electric Assn Inc Ames (San Miguel) .....	1	3.6	3.6	3.6	HC	Water		1906
	**1	446.4	428.0	428.0	ST	BIT		1980
Craig (Moffat) .....	**2	446.4	428.0	428.0	ST	BIT		1979
	3	446.4	408.0	408.0	ST	BIT		1964
Hayden (Routt) .....	1	190.0	184.0	184.0	ST	BIT		1965
	**2	275.4	262.0	262.0	ST	BIT		1976

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Colorado</b>								
Colorado-Ute Electric Assn Inc								
Nucla (Montrose) .....	ST4	79.4	66.1	66.1	ST	BIT		1987
	1	11.5	11.3	11.3	ST	BIT		1959
	2	11.5	11.3	11.3	ST	BIT		1959
	3	11.5	11.3	11.3	ST	BIT		1959
Ouray (Ouray) .....	1	.5	.5	.5	HC	Water		1904
Tacoma (La Plata) .....	1	2.3	2.0	2.0	HC	Water		1906
	2	2.3	2.0	2.0	HC	Water		1906
	3	3.5	4.0	4.0	HC	Water		1949
Delta City of								
Delta (Delta) .....	1	.8	.8	.8	IC	Nat Gas	FO2	1945
	2	.4	.4	.4	IC	Nat Gas	FO2	1939
	3	.2	.2	.2	IC	FO2		1938
	4	.1	.1	.1	IC	FO2		1937
	5	.1	.1	.1	IC	FO2		1937
	6	1.2	1.2	1.2	IC	Nat Gas	FO2	1949
	7	2.1	1.9	2.0	IC	Nat Gas	FO2	1956
Denver City & County of								
Dillon (Summit) .....	NA3	1.8	1.8	1.8	HC	Water		1987
Foothills (Douglas) .....	1	3.1	3.1	1.0	HL	Water		1984
Roberts Tunnel (Park) .....	NA2	5.5	5.5	5.5	HL	Water		1987
Strontia Springs (Douglas) .....	1	1.0	1.0	1.0	HC	Water		1986
Williams Fork (Grand) .....	1	3.0	3.0	3.0	HC	Water		1959
Haxtun Town of								
Haxtun (Phillips) .....	1	.3	.3	.3	IC	FO2		1944
	2	.1	.1	.1	IC	FO2		1919
	3	.3	.3	.3	IC	FO2		1947
Holly City of								
Holly (Prowers) .....	1	.3	.3	.3	IC	Nat Gas	FO2	1950
	2	.3	.3	.3	IC	Nat Gas	FO2	1950
	3	.3	.3	.3	IC	FO1		1987
Holyoke City of								
Holyoke (Phillips) .....	1	.2	.2	.2	IC	FO2		1933
	2	.3	.3	.3	IC	FO2		1937
	3	.5	.5	.5	IC	FO2		1940
Julesburg City of								
Julesburg (Sedgwick) .....	1	.9	.8	.8	IC	FO2	Nat Gas	1951
	2	.9	.8	.8	IC	FO2		1949
	3	.3	.2	.2	IC	FO2		1945
	4	1.3	1.2	1.2	IC	FO2	Nat Gas	1964
	5	.3	.2	.2	IC	FO2		1946
La Junta City of								
La Junta (Otero) .....	1	.7	.6	.7	IC	FO2		1939
	2	.7	.5	.5	IC	FO2	Nat Gas	1939
	3	.4	.4	.4	IC	FO2	Nat Gas	1939
	4	1.1	1.0	1.0	IC	Nat Gas	FO2	1942
	5	1.3	1.1	1.3	IC	Nat Gas	FO2	1950
	6	3.0	2.5	2.5	IC	Nat Gas	FO2	1958
	7	3.5	3.0	3.0	IC	Nat Gas	FO2	1962
	8	3.5	3.0	3.0	IC	Nat Gas	FO2	1962
	9	5.1	4.0	4.0	IC	Nat Gas	FO2	1970
Lamar City of								
Lamar (Prowers) .....	IC1	1.0	1.0	1.0	IC	FO2		1949
	IC2	1.0	1.0	1.0	IC	FO2		1946
	2	3.0	3.0	3.0	ST	Nat Gas	FO2	1939
	3	5.0	6.0	6.0	ST	Nat Gas	FO2	1952
	4	25.0	28.0	28.0	ST	Nat Gas	FO2	1972

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Colorado</b>								
Las Animas City of Las Animas (Bent)	1	0.3	0.3	0.3	IC	FO2		1941
	2	.3	.3	.3	IC	FO2		1941
	4	1.0	1.0	1.0	IC	Nat Gas	FO2	1951
	5	1.0	.3	.3	IC	Nat Gas	FO2	1951
	6	3.0	2.5	2.5	IC	Nat Gas	FO2	1967
Longmont City of Longmont (Boulder)	1	.3	.3	.3	HC	Water		1911
	2	.3	.3	.3	HC	Water		1911
Platte River Power Authority Rawhide (Larimer)	1	255.0	255.0	255.0	ST	SUB		1983
Public Service Co of Colorado Alamosa (Alamosa)	CT1	16.7	14.0	17.0	GT	FO2	Nat Gas	1973
	CT2	16.6	16.0	19.0	GT	FO2	Nat Gas	1977
Arapahoe (Denver)	1	44.0	45.0	45.0	ST	BIT	Nat Gas	1950
	2	44.0	45.0	45.0	ST	BIT	Nat Gas	1951
	3	44.0	45.0	45.0	ST	BIT	Nat Gas	1951
	4	100.0	103.0	103.0	ST	BIT	Nat Gas	1955
Boulder (Denver)	1	10.0	5.0	10.0	HC	Water		1911
	2	10.0	5.0	10.0	HC	Water		1911
Cabin Creek (Clear Creek)	A	150.0	162.0	162.0	HR	Water		1967
	B	150.0	162.0	162.0	HR	Water		1967
Cameo (Mesa)	1	22.0	24.0	24.0	ST	BIT	Nat Gas	1957
	2	44.0	49.0	49.0	ST	BIT	Nat Gas	1960
Cherokee (Adams)	IC1	2.8	2.8	2.8	IC	FO2		1967
	IC2	2.8	2.8	2.8	IC	FO2		1988
	1	100.0	104.0	104.0	ST	BIT	Nat Gas	1957
	2	110.0	106.0	106.0	ST	BIT	Nat Gas	1959
	3	150.0	158.0	158.0	ST	BIT	Nat Gas	1962
	4	350.0	352.0	352.0	ST	BIT	Nat Gas	1968
Comanche (Pueblo)	1	350.0	325.0	325.0	ST	BIT		1973
	2	350.0	335.0	335.0	ST	BIT		1975
Fort Lupton (Adams)	1	39.2	40.0	50.0	GT	Nat Gas	FO2	1972
	2	39.2	40.0	50.0	GT	Nat Gas	FO2	1972
Fruita (Mesa)	1	18.7	17.0	20.0	GT	Nat Gas	FO2	1973
Georgetown (Clear Creek)	1	.7	.9	.6	HC	Water		1909
	2	.7	.9	.6	HC	Water		1908
Palisade (Mesa)	1	1.5	1.6	1.6	HC	Water		1932
	2	1.5	1.6	1.6	HC	Water		1932
Pawnee (Morgan)	1	500.0	495.0	495.0	ST	BIT		1981
Salida 1 (Chaffee)	1	.8	.8	.6	HC	Water		1929
Salida 2 (Chaffee)	1	.6	.6	.6	HC	Water		1908
Shoshone (Garfield)	A	7.2	7.5	7.5	HC	Water		1909
	B	7.2	7.5	7.5	HC	Water		1909
Valmont (Boulder)	5	166.3	178.0	178.0	ST	BIT	Nat Gas	1964
	6	45.2	44.0	53.0	GT	FO2	Nat Gas	1973
Zuni (Denver)	1	35.0	39.0	25.0	ST	Nat Gas	FO6	1948
	2	66.0	68.0	65.0	ST	Nat Gas	FO6	1954
Redlands Water & Power Co Redlands (Mesa)	1	1.4	1.4	1.4	HC	Water		1932
Springfield City of Springfield (Baca)	IC4	.6	.6	.6	IC	FO1	Nat Gas	1950
	IC5	.8	.8	.8	IC	FO1	Nat Gas	1960
	1	1.3	1.3	1.3	IC	FO1	Nat Gas	1965
	2	.2	.2	.2	IC	FO1	Nat Gas	1950
Tri-State G & T Assn Inc Burlington (Kit Carson)	1	46.3	50.0	60.0	GT	FO2		1977
	2	46.3	50.0	60.0	GT	FO2		1977

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Colorado</b>									
Trinidad City of Trinidad (Las Animas)	1	3.8	3.8	3.8	ST	BIT		1950	
	2	3.8	3.8	3.8	ST	Nat Gas	FO2	1950	
	3	1.9	1.9	1.9	IC	Nat Gas	FO2	1966	
	4	1.9	1.9	2.0	IC	Nat Gas	FO2	1966	
Yuma City of Yuma (Yuma)	1	.1	.1	.1	IC	FO2		1937	
	2	.2	.1	.1	IC	FO2		1937	
	3	.4	.3	.3	IC	FO2		1938	
	4	.6	.6	.6	IC	FO2		1948	
<b>Connecticut</b>									
Connecticut Light & Power Co Bantam (Litchfield)	1	.3	.2	.3	HC	Water		1905	
	10	18.6	17.2	22.0	JE	Jet Fuel		1969	
	Branford (New Haven)	1	1.2	1.4	1.4	HC	Water		1903
		2	1.2	1.4	1.4	HC	Water		1903
		3	1.2	1.4	1.4	HC	Water		1903
	Bulls Bridge (Litchfield)	4	1.2	1.4	1.4	HC	Water		1903
		5	1.2	1.4	1.4	HC	Water		1903
		6	1.2	1.4	1.4	HC	Water		1903
Cos Cob (Fairfield)	10	21.3	19.0	24.0	JE	Jet Fuel		1969	
	11	21.3	18.8	24.0	JE	Jet Fuel		1969	
	12	21.3	19.0	24.0	JE	Jet Fuel		1969	
Dovon (New Haven)	11	18.6	17.2	19.2	JE	Jet Fuel		1988	
	3	66.0	68.0	71.0	ST	FO6		1951	
	4	45.0	50.0	52.0	ST	FO6		1942	
	5	45.0	48.0	51.0	ST	FO6		1947	
	6	66.0	68.0	71.0	ST	FO6		1949	
	7	103.5	107.0	109.0	ST	FO6		1956	
	8	103.5	107.0	109.0	ST	FO6		1958	
	Falls Village (Litchfield)	1	3.0	3.6	3.4	HC	Water		1914
2		3.0	3.6	3.4	HC	Water		1914	
3		3.0	3.6	3.4	HC	Water		1914	
Franklin Drive (Litchfield)	19	18.6	17.2	22.0	JE	Jet Fuel		1968	
Middletown (Middlesex)	1	69.0	69.5	73.0	ST	FO6		1954	
	10	18.6	17.2	22.0	JE	Jet Fuel		1966	
	2	113.6	117.0	120.0	ST	FO6		1958	
	3	239.4	233.0	240.0	ST	FO6		1964	
Montville (New London)	4	414.9	400.0	400.0	ST	FO6		1973	
	10	2.8	2.8	2.8	IC	FO2		1967	
	11	2.8	2.8	2.8	IC	FO2		1967	
	5	75.0	81.0	82.0	ST	FO6	Nat Gas	1954	
Norwalk Harbor (Fairfield)	6	414.9	410.0	410.0	ST	FO6		1971	
	1	163.2	162.0	164.0	ST	FO6		1960	
	10	16.3	12.3	17.0	GT	FO2		1966	
Robertsville (Litchfield)	2	163.2	171.0	174.0	ST	FO6		1963	
	1	.3	.2	.3	HC	Water		1924	
Rocky River (Litchfield)	2	.3	.2	.3	HC	Water		1924	
	1	3.5	3.5	3.5	HR	Water		1929	
	2	3.5	3.5	3.5	HR	Water		1928	
Scotland Dam (Windham)	3	24.0	24.8	25.4	HR	Water		1928	
	1	2.0	2.2	2.2	HC	Water		1937	
	1	37.2	43.0	43.0	HC	Water		1955	
Shepaug (New Haven)	11	41.9	38.8	49.0	JE	Jet Fuel		1970	
South Meadow (Hartford)	12	41.9	39.0	49.0	JE	Jet Fuel		1970	
	13	41.9	39.0	49.0	JE	Jet Fuel		1970	
	14	41.9	39.0	49.0	JE	Jet Fuel		1970	
	5	45.0	32.1	32.1	ST	Refuse	BIT	1942	
Stevenson (Fairfield)	6	45.0	32.1	32.1	ST	Refuse	BIT	1950	
	1	7.5	7.1	7.1	HC	Water		1919	
	2	7.5	7.1	7.1	HC	Water		1919	
	3	7.5	7.1	7.1	HC	Water		1919	
4	8.0	7.6	7.6	HC	Water		1936		

See footnotes at end of table



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Connecticut</b>								
Connecticut Light & Power Co								
Taftville (New London)	1	0.4	0.4	0.4	HC	Water		1926
	2	.3	.4	.4	HC	Water		1906
	3	.4	.4	.4	HC	Water		1906
	4	.4	.4	.4	HC	Water		1949
	5	.4	.4	.4	HC	Water		1949
Torrington (Litchfield)	10	18.6	15.8	18.9	JE	Jet Fuel		1967
Tracy (Windham)	GT1	16.0	11.8	17.5	GT	FO2		1967
Tunnel (New London)	1	1.0	1.0	1.0	HC	Water		1919
	10	18.6	17.2	21.8	JE	Jet Fuel		1969
	2	1.0	1.0	1.0	HC	Water		1949
Connecticut Yankee Atom Pwr Co								
Haddam Neck (Middlesex)	**1	600.3	565.0	591.0	NP	Uranium		1967
Farmington River Power Co								
Rainbow (Hartford)	1	4.0	4.0	4.0	HC	Water		1925
	2	4.0	4.0	4.0	HC	Water		1925
Gilman Brothers Co								
Gilman (New London)	1	3	.2	.2	HC	Water		1946
Northeast Nuclear Energy Co								
Millstone (New London)	**1	661.5	652.0	659.5	NB	Uranium		1970
	**2	909.9	862.9	862.0	NP	Uranium		1975
	**3	1253.1	1137.0	1156.0	NP	Uranium		1986
Norwich City of								
North Main Street (New London)	5	16.8	15.3	18.4	GT	FO2		1972
Occum (New London)	1	.8	.8	.8	HC	Water		1936
Second Street (New London)	1	.4	.4	.4	HC	Water		1927
	2	.4	.4	.4	HC	Water		1927
Tenth Street (New London)	1	1.4	1.4	1.4	HC	Water		1967
South Norwalk City of								
South Norwalk (Fairfield)	1	5.0	3.8	4.4	IC	FO2		1972
	2	2.0	1.8	1.8	IC	FO2		1940
	3	2.0	1.8	1.8	IC	FO2		1942
	4	3.0	2.7	2.9	IC	FO2		1951
	5	3.3	2.7	3.0	IC	FO2		1960
United Illuminating Co								
Bridgeport Harbor (Fairfield)	1	81.5	82.0	85.0	ST	FO6		1957
	2	179.5	170.0	173.0	ST	FO6		1961
	3	399.5	385.0	385.0	ST	BIT	FO6	1968
	4	18.6	17.1	22.0	JE	Jet Fuel		1967
English (New Haven)	7	30.0	34.1	32.1	ST	FO6		1948
	8	36.8	36.3	40.0	ST	FO6		1953
New Haven Harbor (New Haven)	**1	460.3	447.0	447.0	ST	FO6	Nat Gas	1975
Steel Point (Fairfield)	11	34.5	33.0	33.0	ST	FO6		1950
	9	25.0	30.0	30.0	ST	FO6		1941
Wallingford Town of								
Pierce (New Haven)	1	7.5	7.5	7.5	ST	FO4		1953
	2	7.5	7.5	7.5	ST	FO4		1953
	3	7.5	7.5	7.5	ST	FO4		1953

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Delaware</b>									
Delmarva Power & Light Co Christiana (New Castle)	11	26.6	18.0	25.0	GI	FO2		1973	
	14	26.6	18.0	25.0	GI	FO2		1973	
Delaware City (New Castle)	1	27.5	27.0	27.0	SI	PC		1956	
	10	18.6	14.0	18.0	GI	FO2		1968	
	2	27.5	27.0	27.0	SI	PC		1956	
	3	75.0	53.3	54.7	SI	FO6	RG	1961	
Edge Moor (New Castle)	10	12.5	13.0	15.0	GI	FO2		1963	
	3	75.0	82.0	82.0	SI	FO6	Nat Gas	1954	
	4	176.8	167.0	167.0	SI	BIT		1966	
Hay Road (New Castle)	5	446.0	417.0	417.0	SI	FO6	Nat Gas	1973	
	1	115.0	93.7	112.5	GI	Nat Gas		1989	
	2	115.0	93.7	112.5	GI	Nat Gas		1989	
Indian River (Sussex)	1	81.6	89.0	90.0	SI	BIT	FO6	1957	
	10	18.6	14.0	19.0	GI	FO2		1967	
	2	81.6	89.0	90.0	SI	BIT	FO6	1958	
	3	176.8	162.0	165.0	SI	BIT	FO6	1970	
Madison Street (New Castle)	4	442.4	412.0	412.0	SI	BIT		1980	
	1	11.5	11.0	14.0	GI	FO2		1962	
West Substation (New Castle)	1	16.2	13.0	17.0	GI	FO2		1964	
Dover City of McKee Run (Kent)	1	18.8	15.0	15.0	SI	FO6	Nat Gas	1961	
	2	18.8	15.0	15.0	SI	FO6	Nat Gas	1962	
	3	113.6	102.0	102.0	SI	FO6	Nat Gas	1975	
Lewes City of Lewes (Sussex)	5	6	6	6	IC	FO2		1953	
	6	6	6	6	IC	FO2		1953	
Seaford City of Seaford (Sussex)	1	1.4	1.4	1.4	IC	FO2		1958	
	2	1.4	1.4	1.4	IC	FO2		1954	
	3	1.1	1.1	1.1	IC	FO2		1950	
	5	8	8	8	IC	FO2		1947	
	6	2.0	2.0	2.0	IC	FO2		1962	
	7	1.1	1.1	1.1	IC	FO2		1989	
<b>District of Columbia</b>									
Potomac Electric Power Co Benning (District of Columbia)	15	290.0	275.0	275.0	SI	FO4		1968	
	16	290.0	275.0	275.0	SI	FO4		1972	
Buzzard Point (District of Columbia)	EAS	144.0	128.0	160.0	GI	FO2		1968	
	WES	144.0	128.0	160.0	GI	FO2		1968	
<b>Florida</b>									
Alabama Electric Coop Inc Portland (Walton)	1	11.0	9.9	9.9	GI	FO2		1964	
Florida Keys El Coop Assn Inc Marathon (Monroe)	3	3.0	2.5	2.5	IC	FO2		1967	
	4	3.0	2.5	2.5	IC	FO2		1958	
	5	3.0	2.5	2.5	IC	FO2		1958	
	6	2.5	2.5	2.5	IC	FO2		1973	
	7	2.5	2.5	2.5	IC	FO2		1973	
	8	2.0	2.0	2.0	IC	FO2		1989	
	9	2.0	2.0	2.0	IC	FO2		1989	
	Florida Power & Light Co Cape Canaveral (Brevard)	1	402.1	367.0	370.0	SI	Nat Gas	FO6	1965
		2	402.1	367.0	370.0	SI	FO6	Nat Gas	1969
Cutler (Dade)	5	75.0	67.0	68.0	SI	Nat Gas		1954	
	6	161.5	130.0	131.0	SI	Nat Gas		1955	
Fort Myers (Lee)	GI1	62.0	51.5	63.0	GI	FO2		1974	
	GI2	62.0	51.5	63.0	GI	FO2		1974	

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Florida</b>									
Florida Power & Light Co	G10	62.0	51.5	63.0	GT	FO2		1974	
	ST1	156.3	137.0	138.0	ST	FO6		1958	
	ST2	402.1	367.0	370.0	ST	FO6		1969	
	11	62.0	51.5	63.0	GT	FO2		1974	
	12	62.0	51.5	63.0	GT	FO2		1974	
	3	62.0	51.5	63.0	GT	FO2		1974	
	4	62.0	51.5	63.0	GT	FO2		1974	
	5	62.0	51.5	63.0	GT	FO2		1974	
	6	62.0	51.5	63.0	GT	FO2		1974	
	7	62.0	51.5	63.0	GT	FO2		1974	
	8	62.0	51.5	63.0	GT	FO2		1974	
	9	62.0	51.5	63.0	GT	FO2		1974	
	Lauderdale (Broward)	GT4	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
		GT5	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
		ST4	156.3	137.0	138.0	ST	Nat Gas	FO6	1957
		ST5	156.3	137.0	138.0	ST	Nat Gas	FO6	1958
		1	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
		10	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
		11	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
		12	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
		13	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
		14	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
		15	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
		16	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
17		34.2	35.5	40.5	GT	Nat Gas	FO2	1972	
18		34.2	35.5	40.5	GT	Nat Gas	FO2	1972	
19		34.2	35.5	40.5	GT	Nat Gas	FO2	1972	
2		34.2	35.5	40.5	GT	Nat Gas	FO2	1972	
20		34.2	35.5	40.5	GT	Nat Gas	FO2	1972	
21		34.2	35.5	40.5	GT	Nat Gas	FO2	1972	
22		34.2	35.5	40.5	GT	Nat Gas	FO2	1972	
23		34.2	35.5	40.5	GT	Nat Gas	FO2	1972	
24		34.2	35.5	40.5	GT	Nat Gas	FO2	1970	
3		34.2	35.5	40.5	GT	Nat Gas	FO2	1970	
6		34.2	35.5	40.5	GT	Nat Gas	FO2	1970	
7		34.2	35.5	40.5	GT	Nat Gas	FO2	1970	
8	34.2	35.5	40.5	GT	Nat Gas	FO2	1970		
9	34.2	35.5	40.5	GT	Nat Gas	FO2	1970		
Manatee (Manatee)	1	863.3	783.0	790.0	ST	FO6		1976	
	2	863.3	783.0	790.0	ST	FO6		1977	
Martin (Martin)	1	863.3	783.0	790.0	ST	Nat Gas	FO6	1980	
	2	863.3	783.0	790.0	ST	Nat Gas	FO6	1981	
Port Everglades (Broward)	GT1	34.2	35.5	40.5	GT	Nat Gas	FO2	1971	
	GT2	34.2	35.5	40.5	GT	Nat Gas	FO2	1971	
	GT3	34.2	35.5	40.5	GT	Nat Gas	FO2	1971	
	GT4	34.2	35.5	40.5	GT	Nat Gas	FO2	1971	
	GT5	34.2	35.5	40.5	GT	Nat Gas	FO2	1971	
	IC1	2.8	2.8	2.8	IC	FO2		1968	
	IC2	2.8	2.8	2.8	IC	FO2		1968	
	IC3	2.8	2.8	2.8	IC	FO2		1968	
	IC4	2.8	2.8	2.8	IC	FO2		1968	
	IC5	2.8	2.8	2.8	IC	FO2		1968	
	ST1	225.3	204.0	205.0	ST	FO6	Nat Gas	1960	
	ST2	225.3	204.0	205.0	ST	FO6	Nat Gas	1961	
	ST3	402.1	367.0	369.0	ST	FO6	Nat Gas	1964	
	ST4	402.1	367.0	369.0	ST	FO6	Nat Gas	1965	
	10	34.2	35.5	40.5	GT	Nat Gas	FO2	1971	
	11	34.2	35.5	40.5	GT	Nat Gas	FO2	1971	
	12	34.2	35.5	40.5	GT	Nat Gas	FO2	1971	
6	34.2	35.5	40.5	GT	Nat Gas	FO2	1971		
7	34.2	35.5	40.5	GT	Nat Gas	FO2	1971		
8	34.2	35.5	40.5	GT	Nat Gas	FO2	1971		
9	34.2	35.5	40.5	GT	Nat Gas	FO2	1971		
Putnam (Putnam)	1GT1	85.0	2	3	CT	Nat Gas	FO2	1978	
	1GT2	85.0	2	3	CT	Nat Gas	FO2	1978	

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Florida</b>								
Florida Power & Light Co								
	IST	120.0	<sup>2</sup> 224.0	<sup>3</sup> 234.0	CA	WH	Nat Gas	1978
	2GT1	85.0	4	5	CT	Nat Gas	FO2	1977
	2GT2	85.0	4	5	CT	Nat Gas	FO2	1977
	2ST	120.0	<sup>4</sup> 224.0	<sup>5</sup> 234.0	CA	WH	Nat Gas	1977
Riviera (Palm Beach)	2	75.0	69.0	71.0	ST	Nat Gas	FO6	1953
	3	310.4	272.0	274.0	ST	FO6	Nat Gas	1962
	4	310.4	272.0	274.0	ST	FO6	Nat Gas	1963
Sanford (Volusia)	3	156.3	137.0	139.0	ST	Nat Gas	FO6	1959
	4	436.1	362.0	366.0	ST	FO6		1972
	5	436.1	362.0	366.0	ST	FO6		1973
St Lucie (St Lucie)	1	850.0	839.0	853.0	NP	Uranium		1976
	**2	850.0	839.0	853.0	NP	Uranium		1983
Turkey Point (Dade)	IC1	2.8	2.8	2.8	IC	FO2		1968
	IC2	2.8	2.8	2.8	IC	FO2		1968
	IC3	2.8	2.8	2.8	IC	FO2		1968
	IC4	2.8	2.8	2.8	IC	FO2		1968
	ST1	402.1	367.0	370.0	ST	Nat Gas	FO6	1967
	ST2	402.1	367.0	370.0	ST	Nat Gas	FO6	1968
	3	759.9	666.0	688.0	NP	Uranium		1972
	4	759.9	666.0	688.0	NP	Uranium		1973
	5	2.8	2.8	2.8	IC	FO2		1968
Florida Power Corp								
Anclote (Pasco)	1	556.2	503.0	517.0	ST	FO6		1974
	2	556.2	470.0	502.0	ST	FO6		1978
Avon Park (Highlands)	P1	33.8	28.0	33.0	JE	FO2	Nat Gas	1968
	P2	33.8	28.0	33.0	JE	FO2	Nat Gas	1968
	2	46.0	40.0	40.0	ST	FO6	Nat Gas	1952
Bayboro (Pinellas)	P1	56.7	46.0	54.0	JE	FO2		1973
	P2	56.7	46.0	54.0	JE	FO2		1973
	P3	56.7	46.0	54.0	JE	FO2		1973
	P4	56.7	46.0	54.0	JE	FO2		1973
Crystal River (Citrus)	1	440.6	372.0	373.0	ST	BIT		1966
	2	523.8	444.0	445.0	ST	BIT		1969
	**3	890.5	815.0	750.0	NP	Uranium		1977
	4	739.3	697.0	717.0	ST	BIT		1982
	5	739.3	697.0	717.0	ST	BIT		1984
Dobary (Volusia)	P1	66.9	47.0	55.0	GT	FO2		1976
	2	66.9	47.0	55.0	GT	FO2		1976
	3	66.9	47.0	55.0	GT	FO2		1975
	4	66.9	47.0	55.0	GT	FO2		1976
	5	66.9	47.0	55.0	GT	FO2		1975
	6	66.9	47.0	55.0	GT	FO2		1976
G E Turner (Volusia)	P1	19.3	14.0	17.0	GT	FO2		1970
	P2	19.3	14.0	17.0	GT	FO2		1970
	P3	71.2	65.0	75.0	GT	FO2		1974
	P4	71.2	65.0	75.0	GT	FO2		1974
	2	28.8	23.0	23.0	ST	Nat Gas	FO6	1948
	3	78.8	70.0	72.0	ST	Nat Gas	FO6	1955
	4	81.6	71.0	73.0	ST	Nat Gas	FO6	1959
Higgins (Pinellas)	P1	33.8	25.0	30.0	JE	FO2	Nat Gas	1969
	P2	33.8	25.0	30.0	JE	FO2	Nat Gas	1969
	P3	42.9	30.0	33.0	JE	FO2	Nat Gas	1970
	P4	42.9	30.0	33.0	JE	FO2	Nat Gas	1970
	1	46.0	39.0	40.0	ST	FO6	Nat Gas	1951
	2	46.0	41.0	42.0	ST	FO6	Nat Gas	1953
	3	46.0	39.0	41.0	ST	FO6		1953
Intercession City (Osceola)	P1	56.7	46.0	57.0	JE	FO2		1974
	P2	56.7	46.0	57.0	JE	FO2		1974
	P3	56.7	46.0	57.0	JE	FO2		1974
	P4	56.7	46.0	57.0	JE	FO2		1974
	P5	56.7	46.0	57.0	JE	FO2		1974
	P6	56.7	46.0	57.0	JE	FO2		1974
P L Bartow (Pinellas)	P1	55.7	44.0	53.0	GT	FO2		1972
	P2	55.7	44.0	53.0	GT	FO2		1972

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Florida</b>									
Florida Power Corp	P3	55.7	44.0	53.0	GT	FO2		1972	
	P4	55.7	44.0	53.0	GT	FO2		1972	
	1	127.5	107.0	108.0	ST	FO6		1958	
	2	127.5	117.0	119.0	ST	FO6		1961	
	3	209.4	210.0	215.0	ST	FO6	Nat Gas	1963	
					GT	FO2		1970	
	Port St Joe (Gulf) .....	P1	19.3	14.0	17.0	GT	FO2		1970
	Rio Pinar (Orange) .....	P1	19.3	14.0	17.0	GT	FO2		1980
	Suwannee River (Suwannee) .....	P1	61.2	53.0	65.0	JE	FO2		1980
		P2	61.2	53.0	65.0	JE	FO2		1980
		P3	61.2	53.0	65.0	JE	FO2		1980
		1	34.5	33.0	34.0	ST	FO6	Nat Gas	1953
		2	37.5	32.0	33.0	ST	FO6	Nat Gas	1954
	3	75.0	80.0	80.0	ST	FO6	Nat Gas	1956	
Florida Public Utilities Co Blue Springs (Jackson) .....	1	.2	.1	.1	HC	Water		1934	
Fort Pierce Utilities Auth Henry D King (St Lucie) .....	D1	2.8	2.8	2.8	IC	FO2		1970	
	D2	2.8	2.8	2.8	IC	FO2		1970	
	5	8.4	8.4	8.4	CW	WH		1953	
	6	16.5	16.5	16.5	ST	Nat Gas		1957	
	7	33.0	33.0	33.0	ST	Nat Gas		1963	
	8	56.1	56.1	56.1	ST	Nat Gas		1976	
	9	22.5	22.5	22.5	CT	Nat Gas	FO2	1989	
	Gainesville Regional Utilities Deerhaven (Alachua) .....	GT1	24.8	17.5	20.0	GT	Nat Gas	FO2	1976
		GT2	24.8	17.5	20.0	GT	Nat Gas	FO2	1976
1		75.0	81.0	81.0	ST	Nat Gas	FO6	1972	
2		250.8	218.0	218.0	ST	BIT		1981	
					GT	Nat Gas	FO2	1968	
J R Kelly (Alachua) .....		GT1	16.3	14.0	15.0	GT	Nat Gas	FO2	1968
		GT2	16.3	14.0	15.0	GT	Nat Gas	FO2	1968
		GT3	16.3	14.0	15.0	GT	Nat Gas	FO2	1968
Gulf Power Co	1	20.1	23.0	23.0	ST	Nat Gas	FO6	1944	
	2	28.1	22.0	22.0	ST	Nat Gas	FO6	1949	
	3	37.5	39.4	39.4	ST	Nat Gas	FO6	1952	
	4	93.8	88.9	88.9	ST	BIT	Nat Gas	1959	
	5	93.8	86.9	86.9	ST	BIT	Nat Gas	1961	
	6	369.8	327.4	327.4	ST	BIT	Nat Gas	1970	
	7	578.0	518.8	518.8	ST	BIT	Nat Gas	1973	
		1	49.0	47.2	47.2	ST	BIT		1953
	Scholz (Jackson) .....	2	49.0	47.6	47.6	ST	BIT		1953
		1	41.9	31.3	34.8	GT	FO2		1971
Smith (Bay) .....	CT1	41.9	31.3	34.8	GT	FO2		1971	
	1	149.6	165.9	165.9	ST	BIT		1965	
	2	190.4	191.6	191.6	ST	BIT		1967	
Homestead City of G W Ivey (Dade) .....	10	2.5	2.5	2.5	IC	Nat Gas	FO2	1957	
	11	3.3	3.3	3.3	IC	Nat Gas	FO2	1964	
	12	3.3	3.3	3.3	IC	Nat Gas	FO2	1964	
	13	2.1	2.1	2.1	IC	Nat Gas	FO2	1972	
	14	2.1	2.1	2.1	IC	Nat Gas	FO2	1972	
	15	2.1	2.1	2.1	IC	Nat Gas	FO2	1972	
	16	2.1	2.1	2.1	IC	Nat Gas	FO2	1972	
	17	2.1	2.1	2.1	IC	Nat Gas	FO2	1972	
	18	8.8	7.5	7.5	IC	Nat Gas	FO2	1975	
	19	8.8	7.5	7.5	IC	Nat Gas	FO2	1975	
		2	2.1	2.1	2.1	IC	Nat Gas	FO2	1970
		20	6.5	6.5	6.5	IC	Nat Gas	FO2	1981

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Florida</b>								
Hornesload City of								
	21	0.5	0.5	0.5	IC	Nat Gas	FO2	1981
	3	2.1	2.1	2.1	IC	Nat Gas	FO2	1970
	8	2.5	2.5	2.5	IC	Nat Gas	FO2	1953
	9	2.5	2.5	2.5	IC	Nat Gas	FO2	1957
Jacksonville Electric Auth								
J D Kennedy (Duval)								
	GT3	50.2	54.0	02.7	GT	FO2		1973
	GT4	50.2	54.0	02.7	GT	FO2		1973
	GT5	50.2	54.0	02.7	GT	FO2		1973
	10	149.6	129.0	129.0	ST	FO6	Nat Gas	1961
	6	50.2	54.0	02.7	GT	FO2		1973
	8	50.0	42.8	40.0	ST	FO6		1955
	9	50.0	43.0	43.0	ST	FO6	Nat Gas	1957
Northside (Duval)								
	GT3	02.1	52.0	01.4	GT	FO2		1975
	ST3	503.7	499.0	499.0	ST	FO6		1977
	1	297.5	262.0	262.0	ST	FO6		1966
	2	297.5	261.5	261.5	ST	FO6		1971
	4	02.1	52.0	01.4	GT	FO2		1974
	5	02.1	52.0	01.4	GT	FO2		1974
	6	02.1	52.0	01.4	GT	FO2		1974
Southside (Duval)								
	ST1	37.5	20.0	27.0	ST	FO6		1950
	ST2	37.5	20.5	31.5	ST	FO6		1950
	3	50.0	40.0	47.5	ST	FO6		1954
	4	75.0	00.0	00.0	ST	FO6	Nat Gas	1950
	5	150.0	142.0	144.0	ST	FO6	Nat Gas	1964
St Johns River Power (Duval)								
	**1	079.0	024.0	024.0	ST	BIT		1986
	**2	079.0	024.0	024.0	ST	BIT		1988
Key West City of								
Big Pine (Monroe)								
	1	2.0	2.0	2.0	IC	FO2		1969
Cudjoe (Monroe)								
	2	2.0	2.0	2.0	IC	FO2		1968
	3	2.0	2.0	2.0	IC	FO2		1978
Key West (Monroe)								
	GT1	26.0	19.0	20.0	GT	FO2		1978
	1	6.3	5.0	5.0	ST	FO6		1952
	2	6.3	5.0	5.0	ST	FO6		1952
	3	10.5	15.6	15.6	ST	FO6		1957
	4	18.8	15.6	15.6	ST	FO6		1962
	5	18.8	15.6	15.6	ST	FO6		1966
Stock Island (Monroe)								
	IC1	2.0	2.0	2.0	IC	FO2		1965
	IC2	2.0	2.0	2.0	IC	FO6		1965
	IC3	2.0	2.0	2.0	IC	FO2		1965
	1	37.0	34.0	33.0	ST	FO6		1972
Kissimmee Utility Authority								
Hansel (Osceola)								
	14	2.1	2.0	2.0	IC	Nat Gas	FO2	1970
	15	2.1	2.0	2.0	IC	Nat Gas	FO2	1970
	16	2.1	2.0	2.0	IC	Nat Gas	FO2	1970
	17	2.1	2.0	2.0	IC	Nat Gas	FO2	1970
	18	2.1	2.0	2.0	IC	Nat Gas	FO2	1970
	19	2.8	2.5	2.5	IC	FO2		1983
	20	2.8	2.5	2.5	IC	FO2		1983
	21	27.5	28.0	32.0	GT	Nat Gas	FO2	1983
	22	10.0	7.0	7.0	CW	WH		1983
	23	10.0	7.0	7.0	CW	WH		1983
	8	3.0	3.0	3.0	IC	Nat Gas	FO2	1960
	9	3.0	3.0	3.0	IC	Nat Gas	FO2	1963
Lake Worth City of								
Tom G Smith (Palm Beach)								
	GT1	30.8	26.0	31.0	GT	FO2		1976
	GT2	21.4	20.7	22.0	GT	Nat Gas	FO2	1978
	MU1	2.0	1.8	2.0	IC	FO2		1965
	MU2	2.0	1.8	2.0	IC	FO2		1965
	MU3	2.0	1.8	2.0	IC	FO2		1965
	MU4	2.0	1.8	1.8	IC	FO2		1965
	MU5	2.0	1.8	1.8	IC	FO2		1965

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Florida</b>									
Lake Worth City of	S1	7.5	7.0	8.0	ST	Nat Gas	FO2	1960	
	S3	28.5	22.0	24.0	ST	Nat Gas	FO2	1967	
	S4	32.8	32.0	33.0	ST	Nat Gas	FO2	1971	
	S6	10.0	8.9	8.9	CW	WH		1977	
Lakeland City of C D McIntosh Jr (Polk)	GT1	23.1	19.8	23.1	GT	FO2		1973	
	IC1	2.8	2.7	2.8	IC	FO2		1970	
	IC2	2.8	2.7	2.8	IC	FO2		1970	
	ST1	90.0	84.0	88.0	ST	Nat Gas	FO2	1970	
	ST2	126.0	111.0	118.0	ST	Nat Gas	FO2	1978	
	**3	334.0	332.0	340.0	ST	BIT	FO2	1982	
	1	11.3	11.0	13.0	GT	FO2	Nat Gas	1982	
Larson Memorial (Polk)	2	11.3	11.0	13.0	GT	FO2	Nat Gas	1962	
	3	11.3	11.0	13.0	GT	FO2	Nat Gas	1962	
	4	20.0	18.8	19.4	ST	Nat Gas	FO2	1950	
	5	25.0	24.0	23.9	ST	Nat Gas	FO2	1956	
	6	25.0	24.0	24.6	ST	Nat Gas	FO2	1959	
	7	50.0	49.2	51.2	ST	Nat Gas	FO2	1965	
	1	.8	.8	.8	IC	FO2		1982	
New Smyrna Beach Utils Comm Glencoe Road (Volusia)	1	.8	.8	.8	IC	FO2		1981	
	10	2.0	2.2	2.2	IC	FO2		1966	
	11	2.0	2.2	2.2	IC	FO2		1966	
	3	.8	.8	.8	IC	FO2		1945	
	4	1.0	1.0	1.0	IC	FO2		1949	
	6	1.8	1.8	1.8	IC	FO2		1954	
	7	1.8	1.8	1.8	IC	FO2		1955	
	8	1.1	1.0	1.0	IC	FO2		1950	
	9	2.0	2.2	2.2	IC	FO2		1966	
	2	.9	.8	.8	IC	Nat Gas	FO2	1981	
	W E Swoops (Volusia)	3	2.1	2.0	2.0	IC	Nat Gas	FO2	1982
		4	2.3	2.0	2.0	IC	Nat Gas	FO2	1982
	Orlando Utilities Comm Indian River (Brevard)	**CT1	37.5	38.3	48.1	GT	Nat Gas	FO2	1989
**CT2		37.5	38.3	48.1	GT	Nat Gas	FO2	1989	
1		86.7	88.0	90.0	ST	Nat Gas	FO2	1960	
2		207.8	201.0	205.0	ST	Nat Gas	FO2	1984	
3		344.5	349.4	350.0	ST	Nat Gas	FO2	1973	
Stanton Energy (Orange)	**1	464.8	438.0	438.0	ST	BIT		1987	
Sebring Utilities Comm Sebring Dinner (Highlands)	1	12.7	11.0	12.0	ST	Nat Gas	FO2	1965	
	IC2	1.1	.9	.9	IC	FO2		1941	
	IC3	1.6	1.6	1.6	IC	FO2		1957	
	IC4	.6	.6	.6	IC	FO2		1955	
	IC6	2.0	2.0	2.0	IC	FO2		1956	
	IC7	2.0	2.0	2.0	IC	FO2		1957	
	IC8	2.0	2.0	2.0	IC	FO2		1968	
	IC9	2.8	2.8	2.8	IC	FO2		1968	
	CW1	3.6	3.0	3.0	CW	WH		1983	
	Sebring Phillips (Highlands)	IC1	21.4	19.5	19.5	IC	FO2	FO2	1983
IC2		21.4	19.5	19.5	IC	FO2	FO2	1982	
IC5		.6	.6	.6	IC	FO2		1955	
Seminole Electric Coop Inc Seminole (Putnam)	1	652.0	615.0	615.0	ST	BIT		1983	
	**2	652.0	615.0	615.0	ST	BIT		1984	
St Cloud City of St Cloud (Osceola)	1	2.0	2.0	2.0	IC	Nat Gas	FO2	1982	
	2	5.3	5.0	5.0	IC	Nat Gas	FO2	1974	
	3	2.0	2.0	2.0	IC	Nat Gas	FO2	1982	

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Florida</b>								
St Cloud City of								
	4	3.5	3.0	3.0	IC	Nat Gas	FO2	1981
	6	3.5	3.0	3.0	IC	Nat Gas	FO2	1987
	7	0.3	0.0	0.0	IC	Nat Gas	FO2	1982
	8	0.4	0.0	0.0	IC	Nat Gas	FO2	1977
Starke City of								
Starke (Bradford) .....								
	1	1.3	1.0	1.0	IC	Nat Gas	FO2	1983
	2	1.0	.8	1.0	IC	Nat Gas	FO2	1956
	3	1.0	.8	1.0	IC	Nat Gas	FO2	1956
	4	1.0	.8	1.0	IC	Nat Gas	FO2	1956
	5	1.0	.8	1.0	IC	Nat Gas	FO2	1956
	6	1.8	1.8	1.8	IC	Nat Gas	FO2	1968
	7	1.0	1.0	1.0	IC	FO2	FO2	1972
Tallahassee City of								
Arvah B Hopkins (Leon) .....								
	GT1	16.3	12.0	14.0	GT	FO2	Nat Gas	1970
	GT2	27.0	22.0	24.0	GT	FO2	Nat Gas	1972
	1	75.0	75.0	76.0	ST	FO8	Nat Gas	1971
	2	259.3	238.0	242.0	ST	FO8	Nat Gas	1977
Jackson Bluff (Leon) .....								
	1	4.4	3.0	3.0	HC	Water		1985
	2	4.4	3.0	3.0	HC	Water		1985
	3	3.4	3.4	3.3	HC	Water		1986
S O Purdom (Wakulla) .....								
	GT1	15.0	11.0	12.0	GT	FO2	Nat Gas	1983
	GT2	15.0	11.0	12.0	GT	FO2	Nat Gas	1984
	1	7.5	7.5	7.5	ST	FO8		1952
	2	7.5	7.5	7.5	ST	FO8		1952
	3	7.5	7.0	7.0	ST	FO8	Nat Gas	1951
	4	7.5	7.0	7.0	ST	FO8	Nat Gas	1954
	5	25.0	21.0	24.0	ST	FO8	Nat Gas	1958
	6	25.0	21.0	24.0	ST	FO8	Nat Gas	1960
	7	50.0	42.0	48.0	ST	FO8	Nat Gas	1966
Tampa Electric Co								
Big Bend (Hillsborough) .....								
	GT1	18.0	14.0	14.0	GT	FO2		1969
	GT2	78.8	65.0	80.0	GT	FO2		1974
	GT3	78.8	65.0	80.0	GT	FO2		1974
	ST2	445.5	377.0	377.0	ST	BIT		1973
	ST3	445.5	411.0	411.0	ST	BIT		1976
	ST4	488.0	439.0	439.0	ST	BIT		1984
	1	445.5	387.0	387.0	ST	BIT		1970
F J Gannon (Hillsborough) .....								
	GT1	18.0	14.0	14.0	GT	FO2		1969
	1	125.0	108.0	108.0	ST	BIT		1957
	2	125.0	113.0	113.0	ST	BIT		1958
	3	179.5	150.0	150.0	ST	BIT		1960
	4	187.5	178.0	178.0	ST	BIT		1983
	5	239.4	222.0	222.0	ST	BIT		1965
	6	414.0	363.0	363.0	ST	BIT		1967
Hookers Point (Hillsborough) .....								
	1	33.0	32.0	32.0	ST	FO8		1948
	2	34.5	32.0	32.0	ST	FO8		1950
	3	34.5	32.0	32.0	ST	FO8		1950
	4	49.0	42.0	42.0	ST	FO8		1953
	5	81.6	68.0	68.0	ST	FO8		1955
USCF-Mobile District								
J Woodruff (Gadsden) .....								
	1	10.0	<sup>2</sup> 36.0	<sup>2</sup> 36.0	HC	Water		1957
	2	10.0	<sup>2</sup> ..	<sup>2</sup> ..	HC	Water		1957
	3	10.0	<sup>2</sup> ..	<sup>2</sup> ..	HC	Water		1957
Vero Beach City of								
Vero Beach Municipal (Indian River) .....								
	D1	1.2	1.2	1.2	IC	FO2		1946
	D2	.7	.7	.7	IC	FO2		1936
	D4	3.2	3.2	3.2	IC	FO2		1951
	D5	2.9	2.9	2.9	IC	FO2		1952
	D6	5.4	5.4	5.4	IC	FO2		1950
	1	12.5	13.0	13.0	ST	Nat Gas	FO8	1981

See footnotes at end of table.



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Florida</b>								
Vero Beach City of	2	10.5	17.0	17.0	ST	Nat Gas	FOB	1904
	3	33.0	33.0	33.0	ST	Nat Gas	FOB	1971
	4	55.0	55.0	55.0	ST	Nat Gas	FOB	1970
Wauchula City of Wauchula (Hardee)	1	.8	.7	.7	IC	FO2		1951
	2	.9	.8	.8	IC	FO2		1955
	3	1.4	1.2	1.2	IC	FO2		1959
	4	2.0	2.0	2.0	IC	FO2		1965
	5	2.0	2.0	2.0	IC	FO2		1960
<b>Georgia</b>								
Crisp County Power Comm Crisp (Worth)	GT1	5.0	5.0	5.2	GT	Nat Gas		1958
	1	12.5	12.5	12.5	ST	BIT	Nat Gas	1958
	2	2.4	2.4	2.4	HC	Water		1930
	3	4.0	2.9	2.9	HC	Water		1930
Warwick (Worth)	1	2.4	2.4	2.4	HC	Water		1930
	2	4.0	2.9	2.9	HC	Water		1940
	3	4.8	4.8	4.8	HC	Water		1956
	4	4.0	2.9	2.9	HC	Water		1956
Georgia Power Co Arkwright (Bibb)	ST1	40.0	42.9	42.9	ST	BIT		1941
	ST2	40.0	43.2	43.2	ST	BIT		1942
	3	40.3	44.3	44.3	ST	BIT		1943
	4	49.0	43.2	43.2	ST	BIT		1948
	5A	16.3	13.1	14.5	GT	FO2	Nat Gas	1969
	5B	16.3	13.1	14.5	GT	FO2	Nat Gas	1969
	ST1	60.0	52.0	52.0	ST	FO2	Nat Gas	1930
	ST2	60.0	59.3	59.3	ST	FO2	Nat Gas	1941
	3	63.0	60.2	60.2	ST	FO2	Nat Gas	1945
	4	75.0	61.3	61.3	ST	FO2	Nat Gas	1948
Barnett Shoals (Oconee)	5A	41.9	31.3	34.8	JE	FO2	Nat Gas	1970
	5B	41.9	31.3	34.8	JE	FO2	Nat Gas	1970
	1	.7	.3	.4	HC	Water		1910
	2	.7	.3	.4	HC	Water		1910
	3	.7	.3	.4	HC	Water		1910
	4	.7	.3	.4	HC	Water		1910
	1	15.0	18.0	18.0	HC	Water		1926
	2	15.0	18.0	18.0	HC	Water		1926
	3	15.0	18.0	18.0	HC	Water		1928
	4	20.0	24.0	24.0	HC	Water		1951
Bowen (Barlow)	5	54.0	54.0	54.0	HC	Water		1985
	6	54.0	54.0	54.0	HC	Water		1985
	1	905.8	675.5	675.5	ST	BIT		1971
	2	788.8	674.2	674.2	ST	BIT		1972
	3	952.0	870.0	870.0	ST	BIT		1974
	4	952.0	871.8	871.8	ST	BIT		1975
Burton (Habun)	6	41.9	31.3	34.8	JE	FO2		1971
	1	3.1	4.8	3.7	HC	Water		1927
	2	3.1	4.8	3.7	HC	Water		1927
Edwin Hatch (Appling)	**1	850.0	759.2	759.2	NB	Uranium		1978
	**2	850.0	770.5	770.5	NB	Uranium		1978
Estaboh (Habun)	1	.2	.2	.3	HC	Water		1928
	2	.2	.2	.3	HC	Water		1928
Flint River (Dougherty)	1	1.8	2.2	2.1	HC	Water		1921
	2	1.8	2.2	2.1	HC	Water		1921
	3	1.8	2.2	2.1	HC	Water		1925
Goat Rock (Harris)	1	3.0	3.0	3.0	HC	Water		1912
	2	3.0	3.0	3.0	HC	Water		1912
	3	5.0	5.0	5.0	HC	Water		1915
	4	5.0	5.0	5.0	HC	Water		1920
	5	5.0	5.0	5.0	HC	Water		1955
	6	5.0	5.0	5.0	HC	Water		1955
Hammond (Floyd)	1	125.0	106.6	106.6	ST	BIT		1954
	2	125.0	107.8	107.8	ST	BIT		1954

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Georgia</b>								
Georgia Power Co								
	3	125.0	106.5	106.5	ST	BIT		1956
	4	578.0	472.0	472.0	ST	BIT		1970
Harlow Branch (Putnam) .....	1	290.2	251.8	251.8	ST	BIT		1966
	2	389.0	309.4	309.4	ST	BIT		1967
	3	544.0	474.2	474.2	ST	BIT		1968
	4	544.0	473.9	473.9	ST	BIT		1969
Jack McDonough (Cobb) .....	1	299.2	251.8	251.8	ST	BIT		1963
	2	299.2	254.2	254.2	ST	BIT		1964
	3A	41.9	31.3	34.8	JE	FO2	Nat Gas	1971
	3B	41.9	31.3	34.8	JE	FO2	Nat Gas	1971
Langdale (Harris) .....	5	.5	.5	.5	HC	Water		1924
	9	.5	.5	.5	HC	Water		1926
Lloyd Shoals (Jasper) .....	1	2.4	3.5	3.0	HC	Water		1911
	2	2.4	3.5	3.0	HC	Water		1911
	3	2.4	3.5	3.0	HC	Water		1911
	4	2.4	3.5	3.0	HC	Water		1911
	5	2.4	3.5	3.0	HC	Water		1916
	6	2.4	3.5	3.0	HC	Water		1917
McManus (Clynn) .....	IC1	2.0	1.8	2.0	IC	FO2		1964
	1	50.0	43.3	43.3	ST	FO6		1952
	2	93.8	74.7	74.7	ST	FO6		1959
	3A	55.4	41.6	46.3	GT	FO2		1971
	3B	55.4	41.6	46.3	GT	FO2		1971
	3C	55.4	41.6	46.3	GT	FO2		1971
	4A	55.4	42.6	47.3	GT	FO2		1972
	4B	55.4	42.6	47.3	GT	FO2		1972
	4C	55.4	42.6	47.3	GT	FO2		1972
	4D	55.4	42.6	47.3	GT	FO2		1972
	4E	55.4	42.6	47.3	GT	FO2		1972
	4F	55.4	42.6	47.3	GT	FO2		1972
Mitchell (Dougherty) .....	1	27.6	16.3	16.3	ST	BIT		1948
	2	27.6	20.2	20.2	ST	BIT		1949
	3	163.2	156.0	156.0	ST	BIT		1964
	4A	41.9	31.4	34.8	JE	FO2		1971
	4B	41.9	31.3	34.8	JE	FO2		1971
	4C	41.9	31.3	34.8	JE	FO2		1971
Morgan Falls (Fulton) .....	1	2.4	2.0	2.0	HC	Water		1903
	2	2.4	2.0	2.0	HC	Water		1903
	3	2.4	2.0	2.0	HC	Water		1903
	4	2.4	2.0	2.0	HC	Water		1903
	5	2.4	2.0	2.0	HC	Water		1903
	6	2.4	2.0	2.0	HC	Water		1903
	7	2.4	2.0	2.0	HC	Water		1903
Naccochoo (Habun) .....	1	2.4	3.0	3.0	HC	Water		1926
	2	2.4	3.0	3.0	HC	Water		1926
North Highlands (Muscogoo) .....	1	9.2	11.0	11.0	HC	Water		1963
	2	9.2	11.0	11.0	HC	Water		1963
	3	9.2	11.0	11.0	HC	Water		1963
	4	2.0	3.0	3.0	HC	Water		1963
Oliver Darn (Muscogoo) .....	1	18.0	17.0	17.0	HC	Water		1959
	2	18.0	17.0	17.0	HC	Water		1959
	3	18.0	17.0	17.0	HC	Water		1959
	4	6.0	6.0	6.0	HC	Water		1959
Riverview (Harris) .....	1	.2	.2	.2	HC	Water		1918
	2	.2	.2	.2	HC	Water		1918
Scherer (Monroe) .....	**1	891.0	839.0	839.0	ST	BIT		1981
	**2	891.0	844.4	844.4	ST	BIT		1983
	**3	891.0	848.1	848.1	ST	BIT		1986
	4	891.0	848.4	848.4	ST	BIT		1988
Sinclair Darn (Baldwin) .....	1	22.5	22.5	22.5	HC	Water		1953
	2	22.5	22.5	22.5	HC	Water		1953
Tallulah Falls (Haborsham) .....	1	12.0	12.2	12.2	HC	Water		1913
	2	12.0	12.2	12.2	HC	Water		1913
	3	12.0	12.2	12.2	HC	Water		1914
	4	12.0	12.2	12.2	HC	Water		1913

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Georgia</b>								
Georgia Power Co	5	12.0	12.2	12.2	HC	Water		1913
	6	12.0	12.2	12.2	HC	Water		1920
Terrora (Rabun) .....	1	8.0	8.3	8.3	HC	Water		1925
	2	8.0	8.3	8.3	HC	Water		1923
Tugalo (Habersham) .....	1	11.3	13.4	13.4	HC	Water		1923
	2	11.3	13.4	13.4	HC	Water		1924
	3	11.3	13.4	13.4	HC	Water		1924
	4	11.3	13.4	13.4	HC	Water		1987
Vogtle (Burke) .....	**1	1,215.0	1,087.0	1,087.0	NP	Uranium		1989
	**2	1215.0	1086.3	1086.3	NP	Uranium		1980
Wallace Dam (Hancock) .....	1	53.0	56.0	56.0	HR	Water		1980
	2	53.0	56.0	56.0	HR	Water		1980
	3	57.0	59.0	59.0	HC	Water		1980
	4	57.0	59.0	59.0	HC	Water		1979
	5	53.0	56.0	56.0	HR	Water		1979
	6	53.0	56.0	56.0	HR	Water		1976
Wansley (Heard) .....	**1	952.0	849.3	849.3	ST	BIT		1978
	**2	952.0	847.1	847.1	ST	BIT		1980
	**5A	52.8	42.6	47.3	GT	FO2		1972
Wilson (Burke) .....	IC1	2.6	2.7	3.0	IC	FO2		1972
	5A	53.1	43.6	48.4	GT	FO2		1972
	5B	53.1	43.6	43.6	GT	FO2		1972
	5C	53.1	43.6	43.4	GT	FO2		1973
	5D	53.1	43.6	48.4	GT	FO2		1973
	5E	53.1	43.6	48.4	GT	FO2		1973
	5F	53.1	43.6	48.4	GT	FO2		1950
Yates (Coweta) .....	1	122.5	100.1	100.1	ST	BIT		1950
	2	122.5	99.2	99.2	ST	BIT		1952
	3	122.5	100.2	100.2	ST	BIT		1957
	4	156.3	125.6	125.6	ST	BIT		1958
	5	156.3	127.8	127.8	ST	BIT		1974
	6	403.8	341.8	341.8	ST	BIT		1974
	7	403.8	342.5	342.5	ST	BIT		1925
Yonah (Stephens) .....	1	7.5	9.6	9.6	HC	Water		1925
	2	7.5	9.6	9.6	HC	Water		1925
	3	7.5	9.6	9.6	HC	Water		1925
Oglethorpe Power Corp Tallassee Hydro Proj (Clarke) .....	1	2.2	.4	1.0	HC	Water		1986
	2	.1	.1	.1	HC	Water		1986
Savannah Electric & Power Co Boulevard (Chatham) .....	1	19.7	14.6	16.2	GT	FO2	Nat Gas	1970
	2	19.7	14.6	16.2	GT	FO2	Nat Gas	1970
	3	19.7	14.6	16.2	GT	FO2	Nat Gas	1970
McIntosh (Effingham) .....	1	177.7	160.0	160.0	ST	BIT	FO6	1979
	1	177.7	160.0	160.0	ST	BIT	FO6	1969
Port Wentworth (Chatham) .....	PWA	22.0	14.0	15.5	GT	FO2	Nat Gas	1958
	ST1	50.0	48.0	48.0	ST	BIT	Nat Gas	1961
	2	54.4	52.0	52.0	ST	BIT	Nat Gas	1965
	3	103.5	99.0	99.0	ST	BIT	Nat Gas	1972
Riverside (Chatham) .....	4	126.0	119.0	119.0	ST	FO6	Nat Gas	1949
	6	24.8	19.0	19.0	ST	Nat Gas	FO6	1954
	7	21.3	10.0	10.0	ST	Nat Gas	FO6	1954
	7	21.3	10.0	10.0	ST	Nat Gas	FO6	1954
	8	37.5	40.0	40.0	ST	Nat Gas	FO6	1956
South Carolina Electric & Gas Co Stevens Creek (Columbia) .....	1	2.4	1.1	1.1	HC	Water		1914
	2	2.4	1.1	1.1	HC	Water		1914
	3	2.4	1.1	1.1	HC	Water		1914
	4	2.4	1.1	1.1	HC	Water		1914
	5	2.4	1.1	1.1	HC	Water		1914
	6	2.4	1.1	1.1	HC	Water		1925
	7	2.4	1.1	1.1	HC	Water		1926
	8	2.4	1.1	1.1	HC	Water		1926

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Georgia</b>								
Tennessee Valley Authority Blue Ridge (Fannin) .....	1	22.0	10.0	2.0	HC	Water		1931
USCE-Mobile District Allatoona (Bartow) .....	A	2.0	2.0	2.0	HC	Water		1949
	1	36.0	36.0	41.0	HC	Water		1949
	2	36.0	36.0	41.0	HC	Water		1949
Buford (Forsyth) .....	1	40.0	40.0	46.0	HC	Water		1957
	2	40.0	40.0	46.0	HC	Water		1957
	3	6.0	6.0	6.0	HC	Water		1957
Carters (Murray) .....	1	125.0	137.0	143.0	HC	Water		1975
	2	125.0	137.0	143.0	HC	Water		1975
	3	125.0	138.0	138.0	HR	Water		1977
	4	125.0	138.0	138.0	HR	Water		1977
Walter F. George (Clay) .....	1	32.5	32.5	32.5	HC	Water		1963
	2	32.5	32.5	32.5	HC	Water		1963
	3	32.5	32.5	32.5	HC	Water		1963
	4	32.5	32.5	32.5	HC	Water		1963
West Point (Troup) .....	1	3.4	3.0	3.0	HC	Water		1975
	2	35.0	41.0	41.0	HC	Water		1975
	3	35.0	41.0	41.0	HC	Water		1975
USCE-Savannah District Hartwell Lake (Hart) .....	1	66.0	<sup>2</sup> 239.0	<sup>2</sup> 208.0	HC	Water		1962
	2	66.0	2 -	2 -	HC	Water		1962
	3	66.0	2 -	2 -	HC	Water		1962
	4	66.0	2 -	2 -	HC	Water		1962
	5	80.0	2 -	2 -	HC	Water		1983
Richard Russell (Elbert) .....	1	75.0	86.3	86.3	HC	Water		1984
	2	75.0	86.3	86.3	HC	Water		1985
	3	75.0	86.3	86.3	HC	Water		1985
	4	75.0	86.3	86.3	HC	Water		1985
<b>Hawaii</b>								
Citizens Utilities Co Port Allen (Kauai) .....	GT1	19.1	19.1	19.1	GT	FO2		1973
	GT2	24.0	23.9	23.9	GT	FO2		1977
	IC1	2.0	2.0	2.0	IC	FO2		1964
	IC2	2.0	2.0	2.0	IC	FO2		1964
	ST1	10.0	10.0	10.0	ST	FO6		1968
	3	2.8	2.8	2.8	IC	FO2		1968
	4	2.8	2.8	2.8	IC	FO2		1968
	5	2.8	2.8	2.8	IC	FO2		1968
Hawaii Electric Light Co Inc Kanoolehua (Hawaii) .....	1	11.7	10.6	10.6	GT	FO2		1962
	11	2.0	2.0	2.0	IC	FO2		1962
	15	2.5	2.8	2.8	IC	FO2		1972
	16	2.5	2.8	2.8	IC	FO2		1972
	17	2.5	2.8	2.8	IC	FO2		1973
Keahole (Hawaii) .....	18	2.5	2.8	2.8	IC	FO2		1974
	19	2.5	2.8	2.8	IC	FO2		1974
	2	17.7	15.9	15.9	GT	FO2		1989
	20	2.5	2.8	2.8	IC	FO2		1984
	21	2.5	2.8	2.8	IC	FO2		1984
	22	2.5	2.8	2.8	IC	FO2		1984
	23	2.5	2.3	2.6	IC	FO2		1988
Puna (Hawaii) .....	1	15.5	14.0	14.0	ST	FO6		1988
Puueo (Hawaii) .....	1	.8	.8	.8	HC	Water		1918
	2	1.5	1.5	1.5	HC	Water		1941
Shipman (Hawaii) .....	1	3.5	3.4	3.4	ST	FO6		1943
	3	7.5	7.5	7.5	ST	FO6		1955
	4	7.5	7.7	7.7	ST	FO6		1958
W H Hill (Hawaii) .....	5	14.1	14.1	14.1	ST	FO6		1965
	6	23.0	23.0	23.0	ST	FO6		1974

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Hawaii</b>								
Hawaii Electric Light Co Inc								
Wai'ale'ale (Hawaii) .....	1	0.8	0.8	0.8	HC	Water		1921
	2	.4	.4	.4	HC	Water		1928
	10	1.0	1.0	1.0	IC	FO2		1954
Waimea (Hawaii) .....	12	2.5	2.8	2.8	IC	FO2		1970
	13	2.5	2.8	2.8	IC	FO2		1972
	14	2.5	2.8	2.8	IC	FO2		1972
	8	1.0	.8	.8	IC	FO2		1954
	9	1.0	.9	.9	IC	FO2		1954
Hawaiian Electric Co Inc								
Honolulu (Honolulu) .....	H8	50.0	47.0	47.0	ST	FO6		1954
	H9	54.4	51.7	51.7	ST	FO6		1957
	K1	81.6	77.9	77.9	ST	FO6		1963
Kahe (Honolulu) .....	K2	81.6	78.1	78.1	ST	FO6		1964
	K3	85.9	82.2	82.2	ST	FO6		1970
	K4	90.9	87.2	87.2	ST	FO6		1972
	K5	135.0	128.2	128.2	ST	FO6		1974
	K6	135.0	127.4	127.4	ST	FO6		1980
Waiau (Honolulu) .....	W10	51.3	51.2	51.2	GT	FO2		1973
	W3	50.0	47.2	47.2	ST	FO6		1947
	W4	50.0	47.8	47.8	ST	FO6		1950
	W5	54.4	51.9	51.9	ST	FO6		1959
	W6	54.4	51.8	51.8	ST	FO6		1961
	W7	81.6	77.8	77.8	ST	FO6		1966
	W8	81.6	77.8	77.8	ST	FO6		1968
	W9	51.3	51.2	51.2	GT	FO2		1973
Mau'iki Electric Co Ltd								
Cooke Gen Station (Maui) .....	CAT1	1.3	1.2	1.3	IC	FO2		1985
	CAT2	1.3	1.2	1.3	IC	FO2		1985
	CUM3	.9	.9	.9	IC	FO2		1985
	CUM4	.9	.9	.9	IC	FO2		1985
	CUM5	.9	.9	.9	IC	FO2		1985
	15	2.5	2.0	2.2	GT	FO2		1982
	16	4.0	4.0	4.0	ST	WD		1981
Kahului (Maui) .....	1	5.0	5.9	5.9	ST	FO6		1948
	2	5.0	6.0	6.0	ST	FO6		1949
	3	11.5	12.7	12.7	ST	FO6		1954
	4	12.5	13.0	13.0	ST	FO6		1966
Ma'alaea (Maui) .....	X1	2.5	2.5	2.5	IC	FO2		1987
	X2	2.5	2.5	2.5	IC	FO2		1987
	1	2.5	2.5	2.5	IC	FO2		1971
	10	12.5	12.5	12.5	IC	FO2		1979
	11	12.5	12.5	12.5	IC	FO2		1980
	12	12.5	12.5	12.5	IC	FO2		1988
	13	12.5	12.5	12.5	IC	FO2		1989
	2	2.5	2.5	2.5	IC	FO2		1972
	3	2.5	2.5	2.5	IC	FO2		1972
	4	5.6	5.6	5.6	IC	FO2		1973
	5	5.6	5.6	5.6	IC	FO2		1975
	6	5.6	5.6	5.6	IC	FO2		1975
	7	5.6	5.6	5.6	IC	FO2		1977
	8	5.6	5.6	5.6	IC	FO2		1977
	9	5.6	5.6	5.6	IC	FO2		1978
<b>Idaho</b>								
Bonnerville City of								
Bonnerville (Boundary) .....	1	.2	.2	.2	IC	FO2		1926
Moyie Springs (Boundary) .....	1	1.0	1.1	1.1	HC	Water		1941
	2	.5	.5	.5	HC	Water		1921
	3	1.0	1.1	1.1	HC	Water		1950
	4	1.5	1.8	1.8	HC	Water		1981

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Idaho</b>								
Bureau of Reclamation								
Anderson Ranch (Elmore) .....	1	20.0	20.0	20.0	HC	Water		1983
	2	20.0	20.0	20.0	HC	Water		1983
Black Canyon (Gem) .....	1	4.0	4.0	4.0	HC	Water		1925
	2	4.0	4.0	4.0	HC	Water		1925
Boise River Div (Ada) .....	1	.5	.5	.5	HC	Water		1912
	2	.5	.5	.5	HC	Water		1912
	3	.5	.5	.5	HC	Water		1912
Minidoka (Minidoka) .....	1	1.2	1.2	1.2	HC	Water		1909
	2	1.2	1.2	1.2	HC	Water		1910
	3	1.2	1.2	1.2	HC	Water		1910
	4	1.2	1.2	1.2	HC	Water		1911
	5	1.2	1.2	1.2	HC	Water		1911
	6	2.6	2.6	2.6	HC	Water		1927
	7	5.0	5.0	5.0	HC	Water		1942
Palisades (Bonneville) .....	1	30.9	30.9	30.9	HC	Water		1957
	2	32.8	32.8	32.8	HC	Water		1957
	3	32.8	32.8	32.8	HC	Water		1957
	4	30.9	30.9	39.9	HC	Water		1958
Fall River Rural Elec Coop Inc								
Felt (Teton) .....	4	.6	.6	.6	HC	Water		1946
	5	.7	.7	.6	HC	Water		1947
New Felt (Teton) .....	**HC1	2.8	<sup>2</sup> 5.5	<sup>2</sup> 5.5	HC	Water		1985
	**HC2	2.8	<sup>2</sup> -	<sup>2</sup> -	HC	Water		1985
Idaho Falls City of								
City Power Plant (Bonneville) .....	3	8.0	8.0	8.0	HC	Water		1982
Gem State (Bonneville) .....	1	23.4	23.4	23.4	HC	Water		1988
Lower No 1 (Bonneville) .....	2	8.0	8.0	8.0	HC	Water		1982
Lower No 2 (Bonneville) .....	1	3.0	3.0	3.0	HC	Water		1940
Upper Power Plant (Bonneville) .....	4	8.0	8.0	8.0	HC	Water		1982
Idaho Power Co								
American Falls (Power) .....	1	30.8	28.6	31.6	HC	Water		1978
	2	30.8	28.6	31.6	HC	Water		1978
	3	30.8	28.6	31.6	HC	Water		1978
Bliss (Gooding) .....	1	25.0	25.0	25.0	HC	Water		1949
	2	25.0	25.0	25.0	HC	Water		1949
	3	25.0	25.0	25.0	HC	Water		1950
Brownlee (Washington) .....	1	90.1	112.5	100.0	HC	Water		1958
	2	90.1	112.5	100.0	HC	Water		1958
	3	90.1	112.5	100.0	HC	Water		1958
	4	90.1	112.5	100.0	HC	Water		1958
	5	225.0	225.0	225.0	HC	Water		1980
C J Strike (Owyhee) .....	1	27.6	29.3	29.3	HC	Water		1952
	2	27.6	29.3	29.3	HC	Water		1952
	3	27.6	29.3	29.3	HC	Water		1952
Cascade (Valley) .....	1	6.2	5.0	2.4	HC	Water		1984
	2	6.2	5.0	2.4	HC	Water		1983
Clear Lake (Gooding) .....	1	2.5	1.9	2.1	HC	Water		1937
Lower Malad (Gooding) .....	1	13.5	11.0	13.3	HC	Water		1948
Lower Salmon (Gooding) .....	1	15.0	17.0	17.0	HC	Water		1949
	2	15.0	17.0	17.0	HC	Water		1949
	3	15.0	17.0	17.0	HC	Water		1949
	4	15.0	17.0	17.0	HC	Water		1949
Salmon (Lemhi) .....	1	2.5	2.8	2.8	IC	FO2		1967
	2	2.5	2.8	2.8	IC	FO2		1967
Shoshone Falls (Jerome) .....	1	.6	.6	.6	HC	Water		1909
	2	.4	.4	.4	HC	Water		1907
	3	11.5	11.5	11.5	HC	Water		1921
Swan Falls (Ada) .....	1	1.3	1.0	1.4	HC	Water		1910
	10	.8	.6	.9	HC	Water		1918
	2	1.3	1.0	1.4	HC	Water		1910
	3	1.0	.7	.7	HC	Water		1913
	4	1.0	.7	.7	HC	Water		1913

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Idaho</b>									
Idaho Power Co	5	1.3	0.9	1.3	HC	Water		1918	
	6	1.3	.9	1.3	HC	Water		1918	
	7	.8	.6	.9	HC	Water		1918	
	8	.8	.6	.9	HC	Water		1918	
	9	.8	.6	.9	HC	Water		1912	
	Thousand Springs (Gooding) .....	1	1.0	.8	.8	HC	Water		1912
		2	1.0	.8	.8	HC	Water		1920
		3	6.8	4.5	5.5	HC	Water		1935
	Twin Falls (Twin Falls) .....	1	8.4	9.8	9.8	HC	Water		1948
	Upper Malad (Gooding) .....	1	7.2	7.2	7.3	HC	Water		1937
	Upper Salmon Falls A (Twin Falls) .....	1	9.0	8.4	9.7	HC	Water		1937
		2	9.0	8.4	9.7	HC	Water		1947
	Upper Salmon Falls B (Twin Falls) .....	1	8.3	7.7	8.9	HC	Water		1947
		2	8.3	7.7	8.9	HC	Water		1947
	Wood River (Blaine) .....	1	50.0	50.0	50.0	GT	FO2		1974
	<b>PacifiCorp</b>								
	Ashton (Fremont) .....	1	1.8	1.5	1.5	HC	Water		1917
2		2.0	2.2	2.2	HC	Water		1925	
3		2.0	2.2	2.2	HC	Water		1925	
Crive (Caribou) .....	1	7.5	7.0	7.0	HC	Water		1917	
	3	11.0	11.0	11.0	HC	Water		1914	
Grace (Caribou) .....	4	11.0	11.0	11.0	HC	Water		1914	
	5	11.0	11.0	11.0	HC	Water		1923	
	1	.2	.2	.2	HC	Water		1983	
Last Chance (Caribou) .....	2	.5	.4	.4	HC	Water		1983	
	3	1.0	.8	.8	HC	Water		1983	
	1	10.0	9.3	9.3	HC	Water		1915	
Oneida (Franklin) .....	2	10.0	9.3	9.3	HC	Water		1916	
	3	10.0	9.3	9.3	HC	Water		1920	
	1	.7	.2	.2	HC	Water		1910	
Paris (Boar Lake) .....	1	7.0	3.5	3.5	HC	Water		1924	
Soda (Caribou) .....	2	7.0	3.5	3.5	HC	Water		1924	
	1	5	4	4	HC	Water		1915	
St Anthony (Fremont) .....	1	5	4	4	HC	Water		1915	
<b>Soda Springs City of</b>									
Soda Springs No 1 (Caribou) .....	4	3	.3	.3	HC	Water		1954	
Soda Springs No 2 (Caribou) .....	1	.4	.4	.4	HC	Water		1988	
<b>USCE-Portland District</b>									
Albeni Falls (Bonner) .....	1	14.0	2 40.0	2 17.0	HC	Water		1955	
	2	14.0	2	2	HC	Water		1955	
	3	14.0	2	2	HC	Water		1955	
Dworshak (Clearwater) .....	1	90.0	2 460.0	2 460.0	HC	Water		1975	
	2	90.0	2	2	HC	Water		1975	
	3	220.0	2	2	HC	Water		1974	
<b>Washington Water Power Co</b>									
Cabinet Gorge (Bonner) .....	1	50.0	57.5	57.5	HC	Water		1953	
	2	50.0	57.5	57.5	HC	Water		1953	
	3	50.0	57.5	57.5	HC	Water		1952	
	4	50.0	57.5	57.5	HC	Water		1952	
Post Falls (Kootenai) .....	1	2.3	2.9	2.9	HC	Water		1907	
	2	2.3	2.9	2.9	HC	Water		1906	
	3	2.3	2.9	2.9	HC	Water		1906	
	4	2.3	2.9	2.9	HC	Water		1906	
	5	2.3	2.9	2.9	HC	Water		1908	
	6	3.5	3.5	3.5	HC	Water		1980	

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Illinois</b>									
Breese City of Breese (Clinton)	IC1	0.9	0.9	0.9	IC	FO2		1953	
	IC2	3.0	3.0	3.0	IC	FO2	Nat Gas	1968	
	ST1	.8	.8	.8	ST	FO2	BIT	1948	
	ST2	2.0	2.0	2.0	ST	FO2	BIT	1960	
	3	3.0	3.0	3.0	IC	FO2	Nat Gas	1982	
Bushnell City of Bushnell (McDonough)	1	.2	.2	.2	IC	FO2		1940	
	2	.2	.2	.2	IC	FO2		1940	
	3	2.2	2.2	2.2	IC	Nat Gas	FO2	1965	
	4	2.2	2.2	2.2	IC	Nat Gas	FO2	1965	
	7	1.0	1.0	1.0	IC	FO2		1966	
Carlyle City of Carlyle (Clinton)	4	.3	.4	.4	IC	FO2		1959	
	5	.3	.4	.4	IC	FO2		1959	
	6	.3	.4	.4	IC	FO2		1959	
	7	2.0	2.0	2.0	IC	FO2	Nat Gas	1964	
	8	3.0	3.0	3.0	IC	FO2	Nat Gas	1971	
Carmi City of Carmi (White)	10	1.8	1.4	1.4	IC	Nat Gas	FO2	1958	
	11	2.8	2.4	2.4	IC	Nat Gas	FO2	1963	
	12	2.1	1.9	1.9	IC	Nat Gas	FO2	1967	
	13	4.4	3.8	3.8	IC	Nat Gas	FO2	1973	
	5	.7	.5	.5	IC	Nat Gas	FO2	1945	
	6	.7	.5	.5	IC	FO2		1939	
	7	1.1	.8	.8	IC	FO2		1948	
	8	1.4	1.1	1.1	IC	Nat Gas	FO2	1951	
	9	1.8	1.4	1.4	IC	Nat Gas	FO2	1958	
Central Illinois Light Co Duck Creek (Fulton)	1	441.0	366.0	366.0	ST	BIT		1976	
	1	136.0	117.0	117.0	ST	BIT		1960	
	2	280.5	262.0	262.0	ST	BIT		1968	
	3	363.8	361.0	361.0	ST	BIT		1972	
	Sterling Avenue (Peoria)	1	18.0	15.0	16.0	GT	Nat Gas		1967
2		18.0	15.0	16.0	GT	Nat Gas		1967	
Central Illinois Pub Serv Co Coffee (Montgomery)	1	389.0	325.0	325.0	ST	BIT		1965	
	2	615.5	555.0	555.0	ST	BIT		1972	
	3	85.7	82.0	82.0	ST	BIT		1951	
	4	113.6	102.0	102.0	ST	BIT		1958	
Hutsonville (Crawford)	D1	3.0	3.0	3.0	IC	FO2		1968	
	3	75.0	74.0	77.0	ST	BIT		1953	
	4	75.0	77.0	79.0	ST	BIT		1954	
	Meredosia (Morgan)	1	57.5	62.0	64.0	ST	BIT		1948
2		57.5	62.0	64.0	ST	BIT		1948	
3		239.4	184.0	184.0	ST	BIT		1960	
4		209.7	176.0	182.0	ST	FO6		1975	
Newton (Jasper)	1	617.4	555.0	554.0	ST	BIT		1977	
	2	617.4	560.0	560.0	ST	BIT		1982	
Commonwealth Edison Co	Bloom (Cook)	333	19.0	11.2	12.1	GT	FO2		1971
		334	19.0	12.8	15.8	GT	FO2		1971
		341	19.0	16.1	19.2	GT	FO2		1971
		342	19.0	13.5	16.6	GT	FO2		1971
		344	19.0	13.2	16.6	GT	FO2		1971
	Braidwood (Will)	1	1,224.9	1,090.0	1,120.0	NP	Uranium		1987
		2	1,224.9	1,090.0	1,120.0	NP	Uranium		1988
	Byron (Ogle)	1	1,224.9	1,120.0	1,120.0	NP	Uranium		1985
		2	1,224.9	1,120.0	1,120.0	NP	Uranium		1987
	Calumet (Cook)	311	18.4	14.7	17.9	GT	FO2	Nat Gas	1969
		313	18.4	12.3	15.9	GT	FO2	Nat Gas	1969

See footnotes at end of table.



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Illinois</b>								
Commonwealth Edison Co	314	18.4	14.8	18.4	GT	FO2	Nat Gas	1969
	321	18.4	14.1	17.4	GT	FO2	Nat Gas	1969
	331	18.4	15.1	18.4	GT	FO2	Nat Gas	1969
	332	18.4	13.0	17.3	GT	FO2	Nat Gas	1969
	333	18.4	13.6	17.2	GT	FO2	Nat Gas	1970
	341	19.0	14.0	17.2	GT	FO2	Nat Gas	1970
	342	19.0	13.6	16.8	GT	FO2	Nat Gas	1970
	343	19.0	8.3	11.5	GT	FO2	Nat Gas	1970
	344	19.0	15.0	18.4	GT	FO2	Nat Gas	1970
					ST	FO6		1978
Collins (Grundy)	1	545.0	554.0	554.0	ST	FO6		1977
	2	545.0	554.0	554.0	ST	FO6		1977
	3	518.9	530.0	530.0	ST	FO6		1977
	4	520.7	530.0	530.0	ST	FO6		1977
	5	520.7	530.0	530.0	ST	FO6		1977
Crawford (Cook)	311	17.3	13.3	16.5	GT	FO2	Nat Gas	1968
	312	17.3	10.9	14.6	GT	FO2	Nat Gas	1968
	313	17.3	14.5	18.2	GT	FO2	Nat Gas	1968
	314	17.3	14.2	17.6	GT	FO2	Nat Gas	1968
	321	17.3	13.7	17.0	GT	FO2	Nat Gas	1968
	322	17.3	11.8	15.1	GT	FO2	Nat Gas	1968
	323	17.3	11.9	15.2	GT	FO2	Nat Gas	1968
	324	17.3	10.8	14.4	GT	FO2	Nat Gas	1968
	331	17.3	10.9	14.4	GT	FO2	Nat Gas	1968
	332	17.3	10.0	13.1	GT	FO2	Nat Gas	1968
	333	17.3	13.5	16.4	GT	FO2	Nat Gas	1968
	334	17.3	13.3	16.4	GT	FO2	Nat Gas	1968
	7	238.4	213.0	216.0	ST	SUB	Nat Gas	1958
	8	358.2	319.0	326.0	ST	SUB	Nat Gas	1961
Dixon (Lee)	HY1	.6	.6	.6	HC	Water		1925
	HY2	.6	.6	.6	HC	Water		1925
	HY3	.6	.6	.6	HC	Water		1925
	HY4	.6	.6	.6	HC	Water		1925
	HY5	.6	.6	.6	HC	Water		1925
Dresden (Grundy)	2	828.3	772.0	794.0	NB	Uranium		1971
	3	828.3	773.0	794.0	NB	Uranium		1971
Electric Junction (Kane)	311	19.0	14.6	17.9	GT	FO2	Nat Gas	1970
	312	19.0	13.1	16.4	GT	FO2	Nat Gas	1970
	313	19.0	14.4	17.7	GT	FO2	Nat Gas	1970
	314	19.0	14.9	18.2	GT	FO2	Nat Gas	1970
	321	19.0	14.3	17.6	GT	FO2	Nat Gas	1970
	322	19.0	15.5	18.5	GT	FO2	Nat Gas	1970
	323	19.0	7.3	10.0	GT	FO2	Nat Gas	1970
	324	19.0	8.7	11.7	GT	FO2	Nat Gas	1970
	331	19.0	15.6	18.6	GT	FO2	Nat Gas	1970
	332	19.0	15.3	18.3	GT	FO2	Nat Gas	1970
	333	19.0	9.7	12.7	GT	FO2	Nat Gas	1971
	343	19.0	10.4	13.2	GT	FO2	Nat Gas	1971
	Fisk (Cook)	19	374.1	316.0	321.0	ST	SUB	Nat Gas
201		2.0	2.2	2.2	IC	FO2		1966
202		2.0	2.2	2.2	IC	FO2		1966
203		2.0	2.2	2.2	IC	FO2		1966
204		2.0	2.2	2.2	IC	FO2		1966
205		2.0	2.2	2.2	IC	FO2		1966
311		38.0	20.0	29.3	JE	FO2		1968
312		38.0	19.0	28.3	JE	FO2		1968
321		38.0	18.0	27.3	JE	FO2		1968
322		38.0	20.0	29.3	JE	FO2		1968
331		38.0	20.0	29.3	JE	FO2		1968
332		38.0	20.0	29.3	JE	FO2		1968
7		660.0	499.0	503.0	ST	SUB		1965
Joliet 29 (Will)	8	660.0	518.0	522.0	ST	SUB		1966
					IC	FO2		1967
Joliet 9 (Will)	IC1	2.0	2.2	2.2	IC	FO2		1967
	IC2	2.0	2.2	2.2	IC	FO2		1967
	IC3	2.0	2.2	2.2	IC	FO2		1967
	IC4	2.0	2.2	2.2	IC	FO2		1967
	IC5	2.0	2.2	2.2	IC	FO2		1967

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Illinois</b>								
Commonwealth Edison Co								
	311	18.4	14.1	17.7	GT	Nat Gas	FO2	1969
	312	18.4	15.5	18.9	GT	Nat Gas	FO2	1969
	313	18.4	8.1	11.5	GT	Nat Gas	FO2	1969
	314	18.4	12.0	15.4	GT	Nat Gas	FO2	1969
	321	18.4	15.2	18.6	GT	Nat Gas	FO2	1969
	322	18.4	12.8	16.4	GT	Nat Gas	FO2	1969
	323	18.4	11.0	14.4	GT	Nat Gas	FO2	1969
	324	18.4	14.2	17.7	GT	Nat Gas	FO2	1969
	6	360.4	292.0	302.0	ST	SUB		1959
Kincaid (Christian)	1	659.7	554.0	554.0	ST	BFI		1967
	2	659.7	554.0	554.0	ST	BFI		1968
La Salle (La Salle)	1	1170.3	1048.0	1078.0	NB	Uranium		1982
	2	1170.3	1048.0	1078.0	NB	Uranium		1984
Lombard (Du Page)	311	22.2	18.6	23.2	JE	Nat Gas	FO2	1969
	321	22.2	17.4	22.0	GT	Nat Gas	FO2	1969
	322	22.2	17.8	22.4	JE	Nat Gas	FO2	1969
	331	22.2	18.5	23.1	JE	Nat Gas	FO2	1969
Powerton (Tazewell)	5	892.8	700.0	700.0	ST	SUB		1972
	6	892.8	700.0	700.0	ST	SUB		1975
Quad Cities (Rock Island)	**1	828.3	769.0	789.0	NB	Uranium		1972
	**2	828.3	769.0	789.0	NB	Uranium		1972
Sabrooke (Winnebago)	311	18.4	14.1	17.4	GT	FO2		1969
	312	18.4	13.0	16.3	GT	FO2		1969
	321	18.4	13.9	17.1	GT	FO2		1969
	322	18.4	15.8	19.1	GT	FO2		1969
	331	19.0	14.0	17.3	GT	FO2		1970
	332	19.0	13.5	16.9	GT	FO2		1970
	341	19.0	10.6	14.0	GT	FO2		1970
Waukogan (Lake)	311	38.0	24.6	33.9	JE	FO2		1968
	312	38.0	29.9	39.2	JE	FO2		1968
	321	38.0	28.8	38.1	JE	FO2		1968
	322	38.0	29.9	39.2	JE	FO2		1968
	6	121.0	100.0	100.0	ST	SUB	Nat Gas	1951
	7	326.4	328.0	328.0	ST	SUB	Nat Gas	1958
	8	355.3	297.0	297.0	ST	SUB	Nat Gas	1962
Will County (Will)	1	187.5	151.0	156.0	ST	SUB		1955
	2	183.8	148.0	154.0	ST	SUB		1955
	3	299.2	251.0	262.0	ST	SUB		1957
	4	598.4	510.0	520.0	ST	SUB		1963
Zion (Lake)	1	1098.0	1040.0	1040.0	NP	Uranium		1973
	2	1098.0	1040.0	1040.0	NP	Uranium		1973
Electric Energy Inc.								
Joppa Steam (Massac)	**1	183.4	2 1,014.0	2 1,014.0	ST	BFI		1953
	**2	183.4	2	2	ST	BFI		1953
	**3	183.4	2	2	ST	BFI		1954
	**4	183.4	2	2	ST	BFI		1954
	**5	183.4	2	2	ST	BFI		1955
	**6	183.4	2	2	ST	BFI		1955
Fairfield City of								
Fairfield (Wayne)	IC5	2.4	2.4	2.4	IC	Nat Gas	FO2	1967
	IC6	2.4	2.4	2.4	IC	Nat Gas	FO2	1967
	IC7	2.7	2.7	2.7	IC	FO2		1979
	4	5.0	4.5	4.5	ST	FO2		1980
Farmer City City of								
Farmer City (De Witt)	1	1.5	1.4	1.4	IC	Nat Gas	FO2	1967
	2	1.1	.9	.9	IC	FO2		1963
	4	.9	.7	.7	IC	FO2		1951
	5	3.5	3.2	3.2	IC	Nat Gas	FO2	1974
Freeburg Village of								
Freeburg (St Clair)	IC6	2.6	2.6	2.6	IC	Nat Gas		1985
	1	.5	.5	.5	IC	Nat Gas	FO2	1948
	2	.5	.5	.5	IC	Nat Gas	FO2	1948

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Illinois</b>									
Freeburg Village of	3	0.6	0.6	0.6	IC	FO2		1953	
	4	1.0	1.0	1.0	IC	FO2		1959	
	5	1.9	1.9	1.9	IC	Nat Gas		1968	
Geneseo City of Geneseo (Henry)	1	5.6	5.6	5.6	IC	Nat Gas	FO2	1974	
	2	3.5	3.5	3.5	IC	Nat Gas	FO2	1967	
	3	3.5	3.5	3.5	IC	Nat Gas	FO2	1968	
	4	2.0	2.0	2.0	IC	Nat Gas	FO2	1957	
	6	1.0	1.0	1.0	IC	FO2		1947	
	7	3.0	3.0	3.0	IC	Nat Gas	FO2	1961	
	8	4.4	4.0	4.0	IC	FO2	Nat Gas	1971	
	Highland City of Highland (Madison)	IC3	4.4	3.4	4.4	IC	Nat Gas	FO2	1971
IC4		4.4	3.4	4.4	IC	Nat Gas	FO2	1971	
5		2.1	2.0	2.0	IC	Nat Gas	FO2	1967	
6		2.1	2.0	2.0	IC	Nat Gas	FO2	1968	
Hydro-Op One Associates Dayton (La Salle)	1	1.6	1.5	1.3	HC	Water		1925	
	2	1.0	.4	.5	HC	Water		1925	
	3	1.0	1.0	.9	HC	Water		1925	
Illinois Power Co Baldwin (Randolph)	1	623.4	560.0	568.0	ST	BIT		1970	
	2	634.5	560.0	568.0	ST	BIT		1973	
	3	634.5	560.0	568.0	ST	BIT		1975	
Clinton (De Witt) Havana (Mason)	**1	984.9	930.0	944.0	NB	Uranium		1987	
	1	46.0	47.0	48.0	ST	FO6		1947	
	2	46.0	47.0	48.0	ST	FO6		1947	
	3	46.0	47.0	48.0	ST	FO6		1948	
	4	46.0	47.0	48.0	ST	FO6		1950	
	5	46.0	47.0	48.0	ST	FO6		1950	
Hennepin (Putnam)	6	488.5	430.0	420.0	ST	BIT		1978	
	1	75.0	70.0	71.0	ST	BIT	Nat Gas	1953	
	2	231.3	210.0	217.0	ST	BIT	Nat Gas	1959	
	Oglesby (La Salle)	1	17.6	13.0	14.5	GT	FO2	Nat Gas	1970
		2	17.6	13.0	14.5	GT	FO2	Nat Gas	1970
		3	17.6	13.0	14.5	GT	FO2	Nat Gas	1970
4		17.6	13.0	14.5	GT	FO2	Nat Gas	1970	
Stallings (Madison)	1	23.8	18.8	22.3	GT	FO2	Nat Gas	1970	
	2	23.8	18.8	22.3	GT	FO2	Nat Gas	1970	
	3	23.8	18.8	22.3	GT	FO2	Nat Gas	1970	
	4	23.8	18.8	22.3	GT	FO2	Nat Gas	1970	
Vermilion (Vermilion)	GT1	15.0	11.0	13.0	GT	FO2		1967	
	ST1	73.5	70.0	71.0	ST	BIT		1955	
Wood River (Madison)	2	108.8	95.0	97.0	ST	BIT		1956	
	1	50.0	46.0	48.0	ST	FO2	Nat Gas	1949	
	2	50.0	46.0	48.0	ST	FO2	Nat Gas	1949	
	3	50.0	46.0	48.0	ST	FO2	Nat Gas	1950	
	4	112.5	92.0	94.0	ST	BIT	Nat Gas	1954	
5	387.6	340.0	345.0	ST	BIT		1964		
Iowa-Illinois Gas&Electric Co Moline (Rock Island)	GT1	18.0	15.9	19.6	GT	Nat Gas	FO2	1970	
	GT2	18.0	15.9	19.6	GT	Nat Gas	FO2	1970	
	GT3	18.0	15.9	19.6	GT	Nat Gas	FO2	1970	
	HY1	.9	.8	.8	HC	Water		1941	
	HY2	.9	.8	.8	HC	Water		1941	
	HY3	.9	.8	.8	HC	Water		1941	
	HY4	.9	.8	.8	HC	Water		1941	
	Mascoutah City of Mascoutah (St Clair)	IC1	.6	.5	.6	IC	FO2		1946
IC2		.6	.5	.6	IC	FO2		1946	

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Illinois</b>								
Mascoutah City of	IC3	1.1	1.0	1.1	IC	FO2		1954
	IC4	2.1	2.1	2.1	IC	FO2	Nat Gas	1988
	IC5	2.3	2.4	2.4	IC	FO2	Nat Gas	1973
McLeansboro City of McLeansboro (Hamilton)	1	.6	.4	.4	IC	FO2		1949
	2	.6	.4	.4	IC	FO2		1950
	3	.6	.4	.4	IC	FO2		1952
	4	2.3	2.0	2.0	IC	FO2	Nat Gas	1983
	5	2.1	2.1	2.1	IC	FO2	Nat Gas	1979
	6	2.4	2.4	2.4	IC	FO2	Nat Gas	1979
Peru City of Peru (La Salle)	GT1	10.0	10.0	10.0	GT	FO2		1988
	IC1	6.3	6.3	6.3	IC	FO2		1973
	4	7.5	7.5	7.5	ST	Nat Gas		1980
Princeton City of Princeton (Bureau)	1	2.5	2.1	2.1	IC	Nat Gas	FO2	1953
	2	3.0	2.7	2.7	IC	Nat Gas	FO2	1958
	3	3.5	3.2	3.2	IC	Nat Gas	FO2	1965
	4	3.5	3.2	3.2	IC	Nat Gas	FO2	1965
	5	4.5	4.1	4.1	IC	Nat Gas	FO2	1971
	6	5.6	4.8	4.8	IC	Nat Gas	FO2	1971
	7	7.0	5.6	5.6	IC	Nat Gas	FO2	1976
	8	8.8	7.0	7.0	IC	Nat Gas	FO2	1976
Rantoul Village of Rantoul (Champaign)	1	1.2	1.2	1.2	IC	FO2	Nat Gas	1951
	2	1.2	1.2	1.2	IC	FO2	Nat Gas	1951
	3	1.2	1.2	1.2	IC	FO2	Nat Gas	1953
	4	1.2	1.2	1.2	IC	FO2	Nat Gas	1954
	5	1.5	1.5	1.5	IC	FO2	Nat Gas	1964
	6	1.5	1.5	1.5	IC	FO2	Nat Gas	1964
	7	5.2	5.2	5.2	IC	FO2	Nat Gas	1967
	8	4.0	4.0	4.0	IC	FO2	Nat Gas	1964
Red Bud City of Red Bud (Randolph)	1	2.4	2.2	2.2	IC	Nat Gas	FO2	1968
	2	1.1	.9	1.0	IC	Nat Gas	FO2	1959
	3	2.4	2.2	2.2	IC	Nat Gas	FO2	1964
	4	3.5	3.0	3.0	IC	Nat Gas	FO2	1973
	5	.6	.5	.5	IC	FO2		1948
	6	1.0	.9	.9	IC	FO2		1953
Rochelle Municipal Utilities North Ninth Street (Ogle)	1	.9	.7	.7	IC	FO2		1940
	10	2.5	2.3	2.6	IC	Nat Gas	FO2	1989
	2	.8	.6	.6	IC	FO2		1936
	3	2.5	2.2	2.2	IC	Nat Gas	FO2	1956
	4	1.0	.5	.5	IC	FO2		1946
	5	1.0	.8	.8	IC	Nat Gas		1949
	6	2.5	2.5	2.0	IC	Nat Gas	FO2	1954
	7	3.8	3.8	3.5	IC	Nat Gas	FO2	1987
	8	1.0	.7	.7	IC	FO2		1949
	9	3.5	3.2	3.7	IC	Nat Gas	FO2	1989
South Main Street (Ogle)	S1	11.5	11.5	11.5	ST	Nat Gas	BIT	1961
	1	2.5	2.3	1.7	IC	Nat Gas	FO2	1967
	2	2.5	2.3	2.3	IC	Nat Gas	FO2	1967
South Beloit Water Gas&Elec Co Rockton (Winnebago)	1	.6	.7	.7	HC	Water		1929
	2	.5	.6	.6	HC	Water		1929
Southern Illinois Power Coop Marion (Williamson)	1	33.0	34.0	34.0	ST	BIT		1963

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Illinois</b>								
Southern Illinois Power Coop	2	33.0	34.0	34.0	ST	BIT		1963
	3	33.0	34.0	34.0	ST	BIT		1963
	4	173.0	170.0	170.0	ST	BIT		1978
Soyland Power Coop Inc Pearl Station (Pike) .....	GT1	24.0	22.0	24.0	GT	FO2		1973
	1	22.0	22.0	22.0	ST	BIT		1966
Pittsfield (Pike) .....	1	1.0	2 0.0	2 0.0	IC	FO2	Nat Gas	1948
	2	1.0	2 ..	2 ..	IC	FO2	Nat Gas	1948
	3	1.0	2 ..	2 ..	IC	FO2	Nat Gas	1954
	4	3.0	2 ..	2 ..	IC	FO2	Nat Gas	1954
	5	3.0	2 ..	2 ..	IC	FO2	Nat Gas	1938
Winchester (Scott) .....	1	.4	2 3.0	2 3.0	IC	FO2	Nat Gas	1938
	2	.4	2 ..	2 ..	IC	FO2	Nat Gas	1938
	3	.4	2 ..	2 ..	IC	FO2	Nat Gas	1938
	4	1.0	2 ..	2 ..	IC	FO2	Nat Gas	1945
	5	1.0	2 ..	2 ..	IC	FO2	Nat Gas	1945
Springfield City of Dallman (Sangamon) .....	1	90.3	87.5	87.8	ST	BIT		1968
	2	90.3	86.0	86.4	ST	BIT		1972
Factory (Sangamon) .....	3	207.4	190.0	190.0	ST	BIT		1978
	1	26.6	23.0	26.0	GT	FO2		1974
	6	37.5	39.8	41.1	ST	BIT		1961
Lakeside (Sangamon) .....	7	37.5	39.7	41.1	ST	BIT		1965
	1	17.6	18.1	19.5	GT	FO2		1970
Reynolds (Sangamon) .....								
Sullivan City of Sullivan (Moultrie) .....	1	4.3	4.3	4.3	IC	Nat Gas	FO2	1974
	10	2.4	2.2	2.4	IC	Nat Gas	FO2	1971
	2	2.0	2.0	2.0	IC	Nat Gas	FO2	1961
	3	1.5	1.3	1.5	IC	Nat Gas	FO2	1956
	4	1.1	.9	1.1	IC	Nat Gas	FO2	1951
	5	1.1	1.1	1.1	IC	FO2		1948
	6	.7	.6	.6	IC	Nat Gas	FO2	1946
	7	.3	.3	.3	IC	FO2		1939
	9	2.4	2.2	2.4	IC	Nat Gas	FO2	1971
Union Electric Co Venice (Madison) .....	GT1	37.5	25.0	30.0	GT	FO2		1967
	ST1	40.0	2 166.0	2 166.0	ST	FO2	Nat Gas	1942
	2	40.0	2 ..	2 ..	ST	FO2	Nat Gas	1942
	3	98.0	2 ..	2 ..	ST	FO2	Nat Gas	1943
	4	98.0	2 ..	2 ..	ST	FO2	Nat Gas	1948
	5	98.0	2 ..	2 ..	ST	FO2	Nat Gas	1950
6	100.0	2 ..	2 ..	ST	FO2	Nat Gas	1950	
Waterloo City of Waterloo (Monroe) .....	1	3.1	3.1	3.1	IC	Nat Gas	FO2	1970
	2	.3	.3	.3	IC	FO2		1954
	3	.2	.2	.2	IC	FO2		1946
	4	2.0	2.0	2.0	IC	Nat Gas	FO2	1963
	5	.6	.6	.6	IC	FO2		1950
	6	.6	.6	.6	IC	FO2		1950
	7	1.7	1.7	1.7	IC	Nat Gas	FO2	1959
	8	3.0	3.0	3.0	IC	FO2		1973
Winnetka Village of Winnetka (Cook) .....	4	7.5	7.5	7.5	ST	BIT	Nat Gas	1953
	6	5.0	5.0	5.0	ST	BIT	Nat Gas	1948
	7	10.0	10.0	10.0	ST	BIT	Nat Gas	1960
	8	2.4	2.4	2.4	IC	FO2		1979
	9	2.4	2.4	2.4	IC	FO2		1979

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Indiana</b>									
Bluffton City of Bluffton (Wells)	1	1.0	0.8	0.8	IC	FO2		1947	
	2	1.0	8	8	IC	FO2		1947	
	3	2.5	2.0	2.0	IC	Nat Gas		1962	
	4	2.5	2.0	2.0	IC	Nat Gas	FO2	1962	
Commonwealth Edison Co IN Inc State Line (Lako)	3	225.0	187.0	187.0	SI	SUB		1955	
	4	389.0	303.0	303.0	SI	SUB		1962	
Crawfordsville Elec Lgt&Pwr Co Crawfordsville (Montgomery)	4	11.5	10.4	10.4	SI	BIT		1955	
	5	12.7	10.7	10.7	SI	BIT		1965	
Fort Wayne City of St Joe Dam (Allen)	1	2		1	HC	Water		1934	
Hoosier Energy R.E.C. Inc Frank E. Halls (Pike)	1	116.0	117.0	117.0	SI	BIT		1970	
	2	116.6	117.0	117.0	SI	BIT		1970	
Morcom (Sullivan)	1	540.0	496.0	504.0	SI	BIT		1983	
	2	540.0	498.0	508.0	SI	BIT		1981	
Indiana Michigan Power Co Breed (Sullivan)	1	495.6	380.0	460.0	SI	BIT		1960	
	1	1.4	2.3.0	2.3.0	HC	Water		1921	
	2	1.0	2	2	HC	Water		1913	
	3	1.0	2	2	HC	Water		1913	
Fourth Street (Allen)	1	18.1	15.0	18.0	GI	FO2		1970	
	**1	1300	1300.0	1300.0	SI	BIT		1984	
Rockport (Spencer)	**2	1300	1300.0	1300.0	SI	BIT		1989	
	1	152	140.0	145.0	SI	BIT		1951	
Tanners Creek (Dearborn)	2	152	140.0	145.0	SI	BIT		1952	
	3	215.1	200.0	205.0	SI	BIT		1954	
	4	579.7	500.0	500.0	SI	BIT		1964	
	H1	1.8	2.3.0	2.3.0	HC	Water		1922	
Twin Branch (St. Joseph)	H2	1.5	2	2	HC	Water		1922	
	H3	1.0	2	2	HC	Water		1905	
	H4	1.0	2	2	HC	Water		1904	
	H5	1.0	2	2	HC	Water		1905	
	H6	1.0	2	2	HC	Water		1904	
Indiana Kentucky Electric Corp Clifty Creek (Jefferson)	1	217.3	215.7	223.0	SI	BIT		1954	
	2	217.3	211.7	219.0	SI	BIT		1955	
	3	217.3	218.7	226.0	SI	BIT		1955	
	4	217.3	206.7	214.0	SI	BIT		1955	
	5	217.3	210.7	218.0	SI	BIT		1955	
	6	217.3	206.7	214.0	SI	BIT		1956	
Indianapolis Power & Light Co Elmer W Stout (Marion)	GI1	21.4	20.0	25.0	GI	FO2		1973	
	GI2	21.4	20.0	25.0	GI	FO2		1973	
	GI3	21.4	20.0	25.0	GI	FO2		1973	
	IC1	2.8	3.0	3.0	IC	FO2		1967	
	3	37.5	35.0	40.0	SI	FO2		1941	
	4	37.5	35.0	40.0	SI	FO2		1947	
	5	113.6	106.0	109.0	SI	BIT		1958	
	6	113.6	106.0	109.0	SI	BIT		1961	
	7	470.9	422.0	422.0	SI	BIT		1973	
	H T Pritchard (Morgan)	IC1	2.8	3.0	3.0	IC	FO2		1967
	SI1	46.0	39.0	39.0	SI	FO2		1949	
2	46.0	39.0	39.0	SI	FO2		1950		
3	50.0	43.0	43.0	SI	BIT		1951		
4	69.0	56.0	57.0	SI	BIT		1953		
5	69.0	62.0	63.0	SI	BIT		1953		

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Indiana</b>								
Indianapolis Power & Light Co								
	0	113.0	99.0	100.0	ST	BIT		1950
Perry K (Marion)	H005	5.0	3.0	3.0	ST	BIT		1930
	4	15.0	10.0	17.0	ST	BIT		1925
Perry W (Marion)	7	11.6	12.0	10.0	ST	BIT		1960
Petersburg (Pike)	IC1	2.8	3.0	3.0	IC	FO2		1967
	IC2	2.8	3.0	3.0	IC	FO2		1967
	IC3	2.8	2.0	2.0	IC	FO2		1967
	ST1	293.4	239.0	239.0	ST	BIT		1969
	ST2	471.0	418.0	418.0	ST	BIT		1977
	ST3	574.4	510.0	510.0	ST	BIT		1985
	4	574.2	515.0	515.0	ST	BIT		
Jasper City of Jasper 2 (Dubois)	1	14.5	13.5	13.5	ST	BIT		1988
Logansport City of Logansport (Cass)	4	18.0	12.0	13.5	ST	BIT		1950
	5	25.0	18.5	22.0	ST	BIT		1964
	6	18.0	15.0	17.0	GT	Nat Gas	FO2	1969
Northern Indiana Pub Serv Co								
Bailey (Porter)	10	37.5	28.0	34.0	GT	Nat Gas		1988
	7	194.0	160.0	160.0	ST	BIT	Nat Gas	1962
	8	421.6	320.0	320.0	ST	BIT	Nat Gas	1968
	11	115.1	110.0	110.0	ST	SUB	BIT	1970
Dean H Mitchell (Lago)	4	138.1	125.0	125.0	ST	SUB	BIT	1958
	5	138.1	125.0	125.0	ST	SUB	BIT	1959
	6	138.1	125.0	125.0	ST	SUB	BIT	1959
	9A	17.4	16.0	19.0	GT	Nat Gas		1966
	9B	17.4	12.0	15.0	GT	Nat Gas		1968
	9C	17.4	15.0	18.0	GT	Nat Gas		1968
	12	540.0	469.0	469.0	ST	BIT	Nat Gas	1974
Michigan City (La Porte)	2	70.0	60.0	60.0	ST	Nat Gas		1950
	3	70.0	60.0	60.0	ST	Nat Gas		1951
Norway (White)	1	2.0	2.0	2.0	HC	Water		1923
	2	2.0	2.0	2.0	HC	Water		1923
	3	2.0	2.0	2.0	HC	Water		1923
	4	1.2	1.2	1.2	HC	Water		1925
Oakdale (Carroll)	1	4.4	4.0	4.0	HC	Water		1925
	2	3.4	3.0	3.0	HC	Water		1925
	3	1.3	1.2	1.2	HC	Water		1976
H M Schahfer (Jasper)	14	540.0	431.0	431.0	ST	BIT		1979
	15	556.4	472.0	472.0	ST	BIT		1979
	16A	129.0	78.0	78.0	GT	Nat Gas		1979
	16B	129.0	77.0	77.0	GT	Nat Gas		1979
	17	423.5	344.0	344.0	ST	BIT	Nat Gas	1983
	18	423.5	344.0	344.0	ST	BIT	Nat Gas	1985
Peru City of Peru (Miami)	2	22.0	20.0	20.0	ST	BIT		1959
	3	10.0	10.0	10.0	ST	BIT		1949
Public Service Co of IN Inc Gayuga (Vermillion)	1	531.0	500.0	505.0	ST	BIT		1970
	2	531.0	485.0	490.0	ST	BIT		1972
	31	2.6	2.0	2.0	IC	FO2		1972
	32	2.6	2.0	3.0	IC	FO2		1972
	33	2.6	2.0	2.0	IC	FO2		1972
	34	2.6	3.0	3.0	IC	FO2		1972
Connorsville (Fayette)	1	41.9	42.0	49.0	GT	FO2		1972
	2	41.9	43.0	49.0	GT	FO2		1972
Edwardsport (Knox)	6	35.0	45.0	45.0	ST	FO2		1944
	7	40.3	45.0	45.0	ST	BIT		1948
	8	69.0	75.0	75.0	ST	BIT		1951
Gibson (Gibson)	1	668.0	630.0	630.0	ST	BIT		1976

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Indiana</b>								
Public Service Co of IN Inc								
	2	688.0	630.0	635.0	ST	BIT		1975
	3	688.0	630.0	635.0	ST	BIT		1977
	4	688.0	630.0	635.0	ST	BIT		1978
	**5	688.0	620.0	625.0	ST	BIT		1982
Markland (Switzerland)	1	21.0	18.0	18.0	HC	Water		1967
	2	21.0	18.0	18.0	HC	Water		1968
	3	21.0	19.0	19.0	HC	Water		1968
Miami Wabash (Wabash)	1	18.0	10.0	17.0	IC	FO2		1968
	2	18.0	10.0	17.0	IC	FO2		1968
	3	18.0	15.0	17.0	IC	FO2		1968
	4	18.0	15.0	17.0	IC	FO2		1968
	5	18.3	15.0	18.0	IC	FO2		1969
	6	18.3	16.0	18.0	IC	FO2		1969
Noblesville (Hamilton)	1	50.0	45.0	45.0	ST	BIT		1950
	2	50.0	45.0	45.0	ST	BIT		1950
R Gallagher (Floyd)	1	150.0	140.0	140.0	ST	BIT		1959
	2	150.0	140.0	140.0	ST	BIT		1958
	3	150.0	140.0	140.0	ST	BIT		1960
	4	150.0	140.0	140.0	ST	BIT		1961
Wabash River (Vigo)	1	112.5	85.0	85.0	ST	BIT		1953
	2	112.5	85.0	85.0	ST	BIT		1953
	3	123.3	85.0	85.0	ST	BIT		1954
	4	112.5	85.0	85.0	ST	BIT		1954
	5	125.0	95.0	95.0	ST	BIT		1956
	6	397.0	318.0	318.0	ST	BIT		1968
	71	2.8	3.0	3.0	IC	FO2		1967
	72	2.8	2.0	2.0	IC	FO2		1967
	73	2.8	3.0	3.0	IC	FO2		1967
Honselaer City of								
Honselaer (Jasper)								
	10	2.1	2.0	2.0	IC	FO2	Nat Gas	1971
	11	2.1	2.1	2.1	IC	FO2	Nat Gas	1971
	5	2.0	2.1	2.1	IC	FO2	Nat Gas	1950
	6	2.5	2.3	2.3	IC	FO2	Nat Gas	1957
	7	3.0	2.9	2.9	IC	FO2	Nat Gas	1964
	8	2.5	2.4	2.4	IC	FO2	Nat Gas	1968
Richmond City of								
Whitewater Valley (Wayne)								
	1	33.0	33.0	33.0	ST	BIT		1955
	2	60.0	60.0	60.0	ST	BIT		1973
Southern Indiana Gas & Elec Co								
A B Brown (Posey)								
	1	265.2	250.0	250.0	ST	BIT		1978
	2	265.2	250.0	250.0	ST	BIT		1986
Broadway (Vanderburgh)								
	1	53.1	50.0	60.0	GT	Nat Gas	FO2	1971
	2	88.9	85.0	75.0	GT	Nat Gas	FO2	1981
F B Gully (Warrick)								
	1	46.0	46.0	46.0	ST	BIT		1955
	2	99.0	92.0	92.0	ST	BIT		1966
	3	265.2	255.0	255.0	ST	BIT		1973
Northeast (Vanderburgh)								
	1	10.7	10.0	12.0	GT	Nat Gas		1963
	2	11.5	10.0	12.0	GT	Nat Gas		1964
Warrick (Warrick)								
	**4	323.0	270.0	270.0	ST	BIT		1970

See footnotes at end of table



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Iowa</b>								
Algona City of Algona (Kossuth) .....	1	2.2	1.8	1.8	IC	FO2	Nat Gas	1951
	2	.7	.5	.5	IC	FO2	Nat Gas	1931
	3	.7	.6	.6	IC	FO2	Nat Gas	1938
	4	1.0	.8	.8	IC	FO2	Nat Gas	1941
	5	1.5	1.1	1.1	IC	FO2	Nat Gas	1947
	6	3.2	3.2	3.2	IC	FO2	Nat Gas	1965
	7	4.1	4.1	4.1	IC	FO2	Nat Gas	1970
Alta City of Alta (Buena Vista) .....	1	1.0	1.0	1.0	IC	FO2		1947
	2	.3	.2	.2	IC	FO2		1936
Ames City of Ames (Story) .....	4	1.0	1.0	1.0	IC	FO2		1947
	7	33.0	30.0	30.0	ST	BIT		1968
	8	65.0	65.0	65.0	ST	BIT		1981
	Ames-GT (Story) .....	GT1	22.0	16.0	18.0	GT	FO2	
Anita City of Anita (Cass) .....	1	.2	.1	.2	IC	FO2		1939
	2	.2	.2	.2	IC	FO2		1939
	3	.4	.2	.3	IC	FO2		1951
Atlantic City of Atlantic (Cass) .....	1	4.2	4.0	4.0	IC	Nat Gas	FO2	1966
	2	5.0	5.0	5.0	ST	Nat Gas	FO6	1958
Bancroft City of Bancroft (Kossuth) .....	1	.2	.2	.2	IC	FO2		1939
	2	.2	.2	.2	IC	FO2		1939
	3	.3	.3	.3	IC	FO2		1941
	4	.3	.3	.3	IC	FO2		1948
	5	.6	.6	.6	IC	FO2		1954
Bellevue City of Bellevue (Jackson) .....	1	.6	.5	.5	IC	FO2	Nat Gas	1947
	4	.8	.6	.6	IC	FO2	Nat Gas	1963
	5	.9	.8	.8	IC	FO2	Nat Gas	1953
	6	3.0	2.4	2.4	IC	FO2	Nat Gas	1971
Bloomfield City of Bloomfield (Davis) .....	1	2.8	2.3	2.3	IC	Nat Gas	FO2	1975
	2	.3	.2	.2	IC	Nat Gas	FO2	1945
	3	2.7	2.0	2.0	IC	Nat Gas	FO2	1964
	4	.3	.3	.3	IC	Nat Gas	FO2	1946
	5	.9	.8	.8	IC	Nat Gas	FO2	1951
	6	1.5	1.2	1.2	IC	Nat Gas	FO2	1958
Brooklyn City of Brooklyn (Poweshiek) .....	1	.2	.2	.2	IC	FO2		1940
	2	.2	.2	.2	IC	FO2		1940
	3	.3	.3	.3	IC	FO2		1947
	4	.6	.6	.6	IC	Nat Gas	FO2	1955
	5	1.1	1.1	1.1	IC	Nat Gas	FO2	1964
Cascade City of Cascade (Dubuque) .....	1	.8	.7	.8	IC	FO2	Nat Gas	1957
	2	2.1	1.9	2.0	IC	FO2	Nat Gas	1971
	4	.7	.6	.7	IC	FO2	Nat Gas	1951
Cedar Falls City of Gas Turbine (Black Hawk) .....	1	25.0	20.2	25.0	GT	FO2	Nat Gas	1968
	6	16.5	18.5	16.5	ST	BIT	Nat Gas	1963
	7	35.0	36.6	36.6	ST	BIT	Nat Gas	1973

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Iowa</b>								
Central Iowa Power Coop								
Fair Station (Muscatine)	**1	25.0	23.5	24.0	ST	BIT	Nat Gas	1959
	**2	37.5	41.5	42.0	ST	BIT	Nat Gas	1967
Summit Lake (Union)	GT1	30.0	24.7	32.6	CT	FO2	Nat Gas	1973
	GT2	30.0	25.9	34.0	CT	FO2	Nat Gas	1975
	IC1	1.0	1.0	1.0	IC	FO2		1948
	IC2	1.0	1.0	1.0	IC	FO2		1948
	IC4	1.0	1.0	1.0	IC	FO2		1948
	IC5	1.0	1.0	1.0	IC	FO2		1948
	1	7.5	7.0	8.0	CW	WH		1951
	2	7.5	7.0	8.0	CW	WH		1951
	3	7.5	7.0	8.0	CW	WH		1957
Coggon City of Coggon (Linn)	IC1	.7	.7	.7	IC	FO2		1957
	2	.2	.2	.2	IC	FO2		1952
	3	.2	.2	.2	IC	FO2		1945
	4	.7	.7	.7	IC	FO2		1987
Coon Rapids City of Coon Rapids (Carroll)	4	.7	.7	.7	IC	FO2		1944
	5	.7	.7	.7	IC	FO2		1948
	6	1.2	1.2	1.2	IC	FO2	Nat Gas	1956
	7	1.4	1.4	1.4	IC	FO2	Nat Gas	1987
Corn Belt Power Coop								
Earl F Wisdom (Clay)	1	44.1	38.5	38.5	ST	BIT	Nat Gas	1960
Humboldt (Humboldt)	1	9.4	9.0	9.0	ST	BIT	Nat Gas	1950
	2	9.4	9.0	9.0	ST	BIT	Nat Gas	1950
	3	13.5	12.5	12.5	ST	BIT	Nat Gas	1951
	4	20.3	18.5	18.5	ST	BIT	Nat Gas	1953
Corning City of Corning (Adams)	1	.7	.7	.7	IC	FO2		1945
	2	1.0	1.0	1.0	IC	FO2		1950
	3	1.4	1.4	1.4	IC	FO2		1955
	4	.5	.5	.5	IC	FO2		1938
	5	2.9	2.9	2.9	IC	FO2		1975
Dayton City of Dayton (Webster)	1	.7	.7	.7	IC	FO2	Nat Gas	1959
	2	.4	.4	.4	IC	FO2	Nat Gas	1951
	3	.2	.2	.2	IC	FO2		1947
	4	.1	.1	.1	IC	FO2		1939
Denison City of Denison (Crawford)	1	1.4	1.3	1.5	IC	Nat Gas	FO2	1955
Durant City of Durant (Cedar)	1	.1	.1	.1	IC	FO2		1942
	3	.3	.3	.3	IC	FO2		1945
	4	.6	.6	.6	IC	FO2		1954
	5	.6	.6	.6	IC	FO2		1958
	6	.2	.2	.2	IC	FO2		1951
	7	2.1	2.1	2.1	IC	FO2	Nat Gas	1970
Estherville City of Estherville (Emmet)	2	1.6	1.2	1.4	IC	FO2		1946
	3	3.0	2.7	2.9	IC	FO2	Nat Gas	1960
	4	4.0	3.6	3.8	IC	FO2	Nat Gas	1969
	5	4.0	3.6	3.6	IC	FO2	Nat Gas	1968
	6	2.0	1.8	1.8	IC	FO2		1949
	7	3.0	2.7	2.9	IC	FO2	Nat Gas	1959
Forest City City of Forest City (Winnebago)	IC4	6.3	6.3	6.3	IC	FO2	Nat Gas	1975
	1	1.3	1.3	1.3	IC	FO2	Nat Gas	1955

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Iowa</b>								
Forest City City of	2	2.8	2.5	2.5	IC	FO2	Nat Gas	1965
	3	3.5	3.6	3.6	IC	FO2	Nat Gas	1969
	5	.7	.7	.7	IC	FO2	Nat Gas	1950
Gowrie City of Gowrie (Webster) .....	1	1.3	1.0	1.0	IC	FO2		1959
	2	1.3	1.0	1.0	IC	FO2		1968
	3	.4	.4	.4	IC	FO2		1949
	4	.8	.8	.8	IC	FO2		1954
Graettinger City of Graettinger (Palo Alto) .....	1	.2	.2	.2	IC	FO2		1941
	4	.5	.4	.4	IC	FO2	Nat Gas	1957
Grand Junction City of Grand Junction (Greene) .....	1	.6	.5	.5	IC	FO2	Nat Gas	1952
Greenfield City of Greenfield (Adair) .....	3	1.3	1.0	1.1	IC	FO2		1952
	4	1.8	1.9	1.9	IC	FO2		1961
	5	3.0	2.8	2.8	IC	FO2		1973
Grundy Center City of Grundy Center (Grundy) .....	IC1	2.3	2.3	2.3	IC	FO2	Nat Gas	1963
	IC2	3.5	3.5	3.5	IC	FO2	Nat Gas	1972
Hartley City of Hartley (O'Brien) .....	1	1.0	1.0	1.0	IC	FO2		1953
	2	.7	.7	.7	IC	FO2		1947
Hawarden City of Hawarden (Sioux) .....	1	1.3	1.0	1.0	IC	FO2	Nat Gas	1954
	2	.2	.2	.2	IC	FO2		1925
	3	.5	.4	.4	IC	FO2		1928
	4	.7	.5	.5	IC	FO2	Nat Gas	1946
Hopkinton City of Hopkinton (Delaware) .....	IC3	1.3	1.2	1.3	IC	FO2		1983
	1	1.6	1.6	1.6	IC	FO2		1973
Independence City of Independence (Buchanan) .....	1	2.5	2.4	2.4	IC	FO2	Nat Gas	1957
	2	.7	.4	.4	IC	FO2	Nat Gas	1939
	4	1.0	.8	.8	IC	FO2		1949
	5	1.0	.8	.8	IC	FO2		1949
	6	3.2	2.8	2.8	IC	FO2	Nat Gas	1964
	7	6.3	5.8	5.8	IC	FO2	Nat Gas	1973
Indianola City of Indianola (Warren) .....	1	.8	.6	.6	IC	FO2		1946
	2	1.4	1.2	1.3	IC	FO2	Nat Gas	1949
	3	1.1	.8	.8	IC	FO2	Nat Gas	1953
	4	1.5	1.2	1.3	IC	FO2	Nat Gas	1961
	5	4.0	3.5	3.5	IC	FO2	Nat Gas	1966
	6	5.1	4.8	4.8	IC	FO2	Nat Gas	1970
	7	20.6	18.5	24.0	GT	FO2		1977
Interstate Power Co Dubuque (Dubuque) .....	IC1	2.0	2.3	2.0	IC	FO2		1966
	IC2	2.0	2.3	2.0	IC	FO2		1966
	ST2	15.0	13.0	13.0	ST	BIT	Nat Gas	1929
	3	28.8	30.0	30.0	ST	BIT	Nat Gas	1952
	4	37.5	35.0	35.0	ST	BIT	Nat Gas	1959
Lansing (Allamakee) .....	IC1	1.0	1.0	1.0	IC	FO2		1970
	IC2	1.0	1.0	1.0	IC	FO2		1971
	1	15.0	15.5	15.5	ST	BIT		1948

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Iowa</b>								
Interstate Power Co								
	2	11.5	10.7	10.7	ST	BIT		1949
	3	37.5	33.8	33.8	ST	BIT		1957
	4	274.5	260.0	255.0	ST	SUB		1977
Milton L Kapp (Clinton)	1	18.8	18.0	18.0	ST	BIT		1947
	2	218.5	217.0	217.0	ST	BIT		1967
New Albin (Allamakee)	1	.7	.7	.7	IC	FO2		1970
Iowa Electric Light & Power Co								
Ames (Story)	1	1.0	1.0	1.0	IC	FO2		1960
	2	1.0	1.0	1.0	IC	FO2		1960
Duane Arnold (Linn)	**1	597.2	520.0	540.0	NB	Uranium		1974
Iowa Falls (Hardin)	1	.5	.5	.5	HC	Water		1926
	4	7.5	8.5	8.5	ST	Nat Gas	FO2	1945
Maquoketa (Jackson)	1	.6	.6	.6	HC	Water		1924
	2	.6	.6	.6	HC	Water		1924
Marshalltown (Marshall)	IC1	2.5	2.0	2.0	IC	FO2		1941
	IC2	2.5	1.9	1.9	IC	FO2		1942
	1	67.4	50.0	70.3	GT	FO2		1978
	2	67.4	50.0	70.3	GT	FO2		1978
	3	67.4	50.0	70.3	GT	FO2		1978
Prairie Creek (Linn)	**1	23.0	22.0	22.0	ST	Nat Gas	BIT	1950
	**2	23.0	22.0	22.0	ST	Nat Gas	BIT	1951
	**3	50.0	49.0	49.0	ST	BIT	Nat Gas	1958
	4	148.8	139.0	139.0	ST	BIT	Nat Gas	1967
Sixth Street (Linn)	1	10.0	8.0	3.0	ST	BIT	Refuse	1921
	2	6.0	3.0	6.0	ST	BIT	Refuse	1930
	4	15.0	18.0	17.0	ST	BIT	Refuse	1942
	6	10.0	8.0	3.0	ST	BIT	Refuse	1924
	7	15.0	18.0	17.0	ST	BIT	Refuse	1945
Sutherland (Marshall)	8	28.8	30.0	27.0	ST	BIT	Refuse	1950
	1	37.5	31.0	32.0	ST	BIT	Nat Gas	1955
	2	37.5	31.0	32.0	ST	BIT	Nat Gas	1955
	3	81.6	80.0	81.5	ST	BIT	Nat Gas	1961
Iowa Power Inc								
Council Bluffs (Pottawattamie)								
	1	49.0	46.0	46.0	ST	SUB	Nat Gas	1954
	2	81.6	75.0	75.0	ST	SUB	Nat Gas	1958
	**3	725.9	675.0	675.0	ST	SUB		1978
Des Moines (Polk)	5	46.0	46.0	46.0	ST	Nat Gas	FO2	1950
	6	75.0	69.0	69.0	ST	BIT	SUB	1954
	7	113.6	119.0	119.0	ST	BIT	SUB	1964
River Hills (Polk)	1	15.5	16.1	20.0	GT	Nat Gas	FO2	1966
	2	15.5	16.1	20.0	GT	Nat Gas	FO2	1966
	3	15.5	16.1	20.0	GT	Nat Gas	FO2	1966
	4	15.5	16.1	20.0	GT	Nat Gas	FO2	1966
	5	15.5	15.7	20.0	GT	Nat Gas	FO2	1967
	6	15.5	15.7	20.0	GT	Nat Gas	FO2	1967
	7	15.5	15.7	20.0	GT	Nat Gas	FO2	1968
	8	15.5	15.7	20.0	GT	Nat Gas	FO2	1968
Sycamore (Polk)	1	78.8	74.0	95.0	GT	Nat Gas	FO2	1974
	2	78.8	74.0	95.0	GT	Nat Gas	FO2	1974
Iowa Public Service Co								
Electrifarm (Black Hawk)								
	1	71.2	51.9	67.3	GT	Nat Gas	FO2	1975
	2	89.0	59.8	72.7	GT	Nat Gas	FO2	1977
	3	103.9	63.3	80.6	GT	Nat Gas	FO2	1977
George Neal (Woodbury)	1	147.1	130.0	130.0	ST	BIT	Nat Gas	1964
	2	349.2	290.0	290.0	ST	BIT		1972
	**3	549.8	515.0	515.0	ST	BIT		1975
	**4	639.9	600.0	600.0	ST	BIT		1979
Merle Parr (Floyd)	1	18.0	14.5	17.1	GT	Nat Gas	FO2	1969
	2	18.0	14.0	17.1	GT	Nat Gas	FO2	1969
Iowa Southern Utilities Co								
Burlington (Des Moines)								
	1	212.0	207.0	207.0	ST	BIT		1968
Centerville (Appanoose)	1	2.0	2.0	2.0	IC	FO2		1963

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Iowa</b>								
Iowa Southern Utilities Co	2	2.0	2.0	2.0	IC	FO2		1963
	3	2.0	2.0	2.0	IC	FO2		1963
	**1	726.0	675.0	675.0	ST	SUB		1981
Iowa-Illinois Gas & Electric Co Coralville (Johnson)	1	18.0	16.6	20.4	GT	Nat Gas	FO2	1970
	2	18.0	16.6	20.4	GT	Nat Gas	FO2	1970
	3	18.0	16.6	20.4	GT	Nat Gas	FO2	1970
	**1	738.1	650.0	650.0	ST	SUB		1983
	1	1.0	1.0	1.0	IC	FO2		1948
Riverside (Scott)	5	136.0	130.0	130.0	ST	BIT	Nat Gas	1961
Kimballton City of Kimballton (Audubon)	5	.5	.3	.4	IC	FO2		1970
La Porte City City of La Porte (Black Hawk)	2	1.1	1.1	1.1	IC	FO2	Nat Gas	1963
	3	.3	.3	.3	IC	FO2		1940
	4	.6	.6	.6	IC	FO2		1950
	5	.8	.8	.8	IC	FO2	Nat Gas	1956
Lake Mills City of Lake Mills (Winnebago)	1	.2	.2	.2	IC	FO2		1931
	2	.3	.3	.3	IC	FO2		1937
	3	.9	.8	.8	IC	FO2	Nat Gas	1956
	4	1.4	1.4	1.4	IC	FO2	Nat Gas	1962
	5	3.0	3.0	3.0	IC	FO2	Nat Gas	1968
	6	5.8	5.8	5.8	IC	FO2		1979
Lake Park City of Lake Park (Dickinson)	1	.7	.5	.5	IC	FO2		1950
	2	1.0	.8	.8	IC	FO2		1958
Lamoni City of Lamoni (Decatur)	1	2.8	2.8	2.8	IC	FO2	Nat Gas	1973
	2	.2	.2	.2	IC	FO2		1940
	3	.3	.2	.3	IC	FO2		1941
	4	.7	.6	.6	IC	FO2		1948
	5	1.2	1.1	1.1	IC	FO2	Nat Gas	1954
Laurens City of Laurens (Pocahontas)	3	.8	.8	.8	IC	FO2		1952
	4	.8	.8	.8	IC	FO2		1951
Lenox City of Lenox (Taylor)	1	.3	.3	.3	IC	FO2		1948
	2	1.1	1.1	1.1	IC	FO2		1965
	3	.9	.9	.9	IC	FO2		1966
Manilla Town of Manilla (Crawford)	IC1	.5	.4	.5	IC	FO2		1951
	IC2	.6	.5	.6	IC	FO2		1955
Manning City of Manning (Carroll)	1	.3	.3	.3	IC	FO6		1928
	2	.3	.3	.3	IC	FO6		1928
	3	.5	.5	.5	IC	FO6		1940
	4	.6	.6	.6	IC	FO6		1949
Maquoketa City of Maquoketa (Jackson)	1	1.4	1.0	1.0	IC	Nat Gas	FO2	1947
	2	.8	.5	.5	IC	FO2		1938
	3	2.1	2.0	2.1	IC	Nat Gas	FO2	1969
	4	1.6	1.2	1.2	IC	FO2		1941
	5	1.7	1.6	1.6	IC	Nat Gas	FO2	1956

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Iowa</b>								
Maquoketa City of	6	2.5	2.4					
	7	6.5	6.5	2.5	IC	Nat Gas	FO2	1962
McGregor City of McGregor (Clayton)	1	1.2	1.2	1.2	IC	FO2		1977
	2	.3	.3	.3	IC	FO2		1941
	3	.5	.5	.5	IC	FO2		1955
Milford City of Milford (Dickinson)	1	.6	.6	.6	IC	FO2	Nat Gas	1954
	2	.1	.1	.1	IC	FO2	Nat Gas	1936
	3	.3	.3	.3	IC	FO2	Nat Gas	1938
	4	.5	.5	.5	IC	FO2	Nat Gas	1949
Montezuma City of Montezuma (Poweshiek)	1	.2	.2	.2	IC	FO2		1940
	2	.1	.1	.1	IC	FO2		1940
	3	.1	.1	.1	IC	FO2		1940
	4	.6	.5	.5	IC	FO2		1947
	5	1.1	1.0	1.1	IC	FO2		1959
	6	1.7	1.6	1.7	IC	FO2	Nat Gas	1967
	7	2.5	2.3	2.4	IC	FO2	Nat Gas	1974
Mt Pleasant City of Mt Pleasant (Henry)	D	1.0	1.0	1.0	IC	FO2		1966
	4	3.0	3.0	3.0	ST	BIT		1948
	5	7.5	7.5	7.5	ST	BIT		1966
Muscatine City of Muscatine (Muscatine)	7	22.5	25.3	25.3	ST	BIT	Nat Gas	1959
	8	66.0	81.0	81.0	ST	BIT	Nat Gas	1969
	9	160.0	162.8	162.8	ST	BIT		1982
New Hampton City of New Hampton (Chickasaw)	3	3.5	3.5	3.5	IC	Nat Gas	FO2	1967
	4	6.3	5.0	5.0	IC	Nat Gas	FO2	1973
	5	6.3	4.9	4.9	IC	Nat Gas	FO2	1973
Ogden City of Ogden (Boone)	4	.5	.5	.5	IC	FO2	Nat Gas	1951
	5	1.0	1.0	1.0	IC	FO2	Nat Gas	1958
	6	2.5	2.5	2.5	IC	FO2	Nat Gas	1971
Onawa City of Onawa Mun Lt & Power (Monona)	1	.4	.4	.4	IC	FO2		1937
	2	.4	.4	.4	IC	FO2		1937
	3	.4	.4	.4	IC	FO2		1938
	4	.9	.5	.5	IC	FO2		1946
	5	1.0	.9	.9	IC	FO2		1949
Orange City City of Orange City (Sioux)	1	.4	.3	.3	IC	FO2		1938
	2	1.1	.9	1.0	IC	FO2		1948
	3	.7	.6	.6	IC	FO2		1954
	4	1.4	1.2	1.3	IC	FO2		1956
Osage City of Osage (Mitchell)	1	.5	.4	.4	IC	FO2		1942
	2	.5	.4	.4	IC	FO2	Nat Gas	1941
	4	1.3	.8	.8	IC	FO2	Nat Gas	1951
	5	3.2	3.0	3.0	IC	FO2	Nat Gas	1963
	6	6.3	6.0	6.0	IC	FO2	Nat Gas	1973
	Ottumwa City of Ottumwa (Wapello)	1	1.0	1.0	1.0	HC	Water	

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Iowa</b>								
Ottumwa City of	2	1.0	1.0	1.0	HC	Water		1931
	3	1.0	1.0	1.0	HC	Water		1931
Paullina City of Paullina (O'Brien)	1	.6	.3	.3	IC	FO2		1947
	2	1.0	.9	1.0	IC	FO2		1969
Pella City of Pella (Marion)	3	1.5	1.5	1.6	ST	BIT	FO2	1948
	4	4.0	4.0	4.1	ST	BIT	FO2	1952
	5	11.5	12.0	12.0	ST	BIT	FO2	1964
	6	26.5	26.5	26.5	ST	BIT	FO2	1972
Primghar City of Primghar (O'Brien)	1	.6	.6	.6	IC	FO2		1952
	2	.2	.2	.2	IC	FO2		1938
	4	.6	.6	.6	IC	FO2		1972
Remsen City of Remsen (Plymouth)	1	.3	.3	.3	IC	FO2		1939
	2	.2	.2	.2	IC	FO2		1933
	3	.2	.2	.2	IC	FO2		1933
	4	.7	.7	.7	IC	FO2		1947
Renwick City of Renwick (Humboldt)	1	.1	.1	.1	IC	FO2		1936
	2	.2	.2	.2	IC	FO2		1939
	3	.2	.2	.2	IC	FO2		1942
Rock Rapids City of Rock Rapids (Lyon)	1	2.5	2.5	2.5	IC	FO2		1968
Rockford City of Rockford (Floyd)	1	.5	.5	.5	IC	FO2	Nat Gas	1951
	2	.3	.3	.3	IC	FO2	Nat Gas	1947
	3	.1	.1	.1	IC	FO2	Nat Gas	1935
	4	.1	.1	.1	IC	FO2	Nat Gas	1935
	5	.9	.9	.9	IC	FO2	Nat Gas	1961
Sanborn City of Sanborn (O'Brien)	1	.2	.2	.2	IC	FO2		1947
	2	.2	.2	.2	IC	FO2		1947
	3	.5	.5	.5	IC	FO2		1949
	4	.6	.6	.6	IC	FO2	Nat Gas	1954
Sibley City of Sibley No One (Osceola)	2	2.1	1.9	2.1	IC	FO2	Nat Gas	1971
	3	1.3	1.1	1.2	IC	FO2		1987
	4	1.1	1.0	1.1	IC	FO2	Nat Gas	1987
Sioux Center City of Sioux Center (Sioux)	1	.4	.3	.4	IC	FO2	Nat Gas	1949
	2	.4	.3	.4	IC	FO2	Nat Gas	1949
	3	.7	.7	.7	IC	FO2	Nat Gas	1949
Spencer City of Spencer (Clay)	GT1	23.8	20.0	22.0	GT	Jet Fuel		1969
State Center City of State Center (Marshall)	IC1	.6	.5	.5	IC	FO2	Nat Gas	1951
	IC2	.8	.6	.7	IC	FO2	Nat Gas	1958
	IC3	.3	.2	.2	IC	FO2		1939
	IC4	.3	.2	.2	IC	FO2		1946
	5	1.3	1.1	1.2	IC	FO2	Nat Gas	1961
	6	2.5	2.3	2.5	IC	FO2	Nat Gas	1972

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Iowa</b>									
Story City City of Story City (Story)	1	1.4	1.4	1.4	IC	FO2	Nat Gas	1964	
	2	2.1	2.1	2.1	IC	FO2	Nat Gas	1972	
	3	.1	.1	.1	IC	FO2		1940	
	4	.6	.3	.4	IC	FO2		1948	
	5	.7	.7	.7	IC	FO2	Nat Gas	1954	
	6	2.1	2.1	2.1	IC	FO2	Nat Gas	1978	
	7	2.1	2.1	2.1	IC	FO2	Nat Gas	1978	
Strawberry Point City of Strawberry Point (Clayton)	5	.5	.4	.4	IC	FO2	Nat Gas	1954	
	6	1.1	1.0	1.0	IC	FO2	Nat Gas	1965	
Stuart City of Stuart (Guthrie)	1	.7	.7	.7	IC	FO2	Nat Gas	1956	
	2	1.1	1.1	1.1	IC	FO2	Nat Gas	1968	
	4	1.1	1.0	1.0	IC	FO2	Nat Gas	1964	
Sumner City of Sumner (Bremer)	1	2.7	2.7	2.7	IC	Nat Gas	FO2	1972	
	2	1.2	1.1	1.1	IC	Nat Gas	FO2	1956	
	3	.7	.7	.7	IC	FO2		1946	
	4	.3	.3	.3	IC	FO2		1939	
	5	.7	.7	.7	IC	FO2		1951	
Tipton City of Tipton (Cedar)	2	1.4	1.0	1.0	IC	Nat Gas	FO2	1971	
	3	1.4	1.0	1.0	IC	Nat Gas	FO2	1971	
	4	.4	.3	.3	IC	FO2		1955	
	5	.4	.3	.3	IC	FO2		1955	
Traer City of Municipal Ut (Tama)	3	1.1	1.0	1.1	IC	FO2	Nat Gas	1963	
	4	1.1	1.0	1.1	IC	FO2	Nat Gas	1963	
	5	.6	.5	.6	IC	FO2		1970	
	6	1.3	1.3	1.3	IC	FO2	Nat Gas	1972	
	10	8.8	2 -	2 -	HC	Water		1913	
	11	8.8	2 -	2 -	HC	Water		1913	
Union Electric Co Kookuk (Lee)	12	8.8	2 -	2 -	HC	Water		1913	
	13	8.8	2 -	2 -	HC	Water		1913	
	14	8.8	2 -	2 -	HC	Water		1913	
	15	8.8	2 -	2 -	HC	Water		1913	
	2	7.6	2 -	2 -	HC	Water		1913	
	3	7.6	2 -	2 -	HC	Water		1913	
	4	7.6	2 -	2 -	HC	Water		1913	
	5	7.6	2 -	2 -	HC	Water		1913	
	6	7.6	2 -	2 -	HC	Water		1913	
	7	8.8	2 -	2 -	HC	Water		1913	
	8	8.8	2 -	2 -	HC	Water		1913	
	9	8.8	2 -	2 -	HC	Water		1913	
	1	.8	.8	.8	IC	Nat Gas	FO1	1948	
	Villisca City of Villisca (Montgomery)	2	.3	.3	.3	IC	FO2		1936
		3	.3	.3	.3	IC	Nat Gas	FO1	1936
		4	.6	.6	.6	IC	FO2		1939
1		1.4	1.0	1.0	IC	FO2	Nat Gas	1955	
Vinton City of Vinton (Benton)	2	.4	.3	.3	IC	FO2		1929	
	3	.5	.4	.4	IC	FO2		1936	
	4	.7	.5	.5	IC	FO2		1941	
	5	.7	.5	.5	IC	FO2		1946	
	6	3.0	3.0	3.0	IC	FO2	Nat Gas	1961	

See footnotes at end of table.



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Iowa</b>								
Vinton City of	7	3.8	3.5	3.5	IC	FO2	Nat Gas	1967
	8	5.6	5.4	5.4	IC	FO2	Nat Gas	1973
Waverly City of East Hydro (Bremer) .....	1	.1	.1	.1	HC	Water		1921
	2	.2	.2	.2	HC	Water		1923
	3	.2	.2	.2	HC	Water		1927
East Plant (Bremer) .....	2	.7	.7	.7	IC	FO2		1937
	3	.7	.7	.7	IC	FO2		1937
	4	1.2	1.2	1.2	IC	FO2		1942
North Plant (Bremer) .....	5	1.2	1.2	1.2	IC	Nat Gas	FO2	1948
	6	1.4	1.4	1.4	IC	Nat Gas	FO2	1952
	7	3.5	3.5	3.5	IC	Nat Gas	FO2	1958
	8	3.8	3.8	3.8	IC	Nat Gas	FO2	1967
	9	3.8	3.8	3.8	IC	Nat Gas	FO2	1967
Webster City City of Webster City (Hamilton) .....	6	23.0	20.0	22.4	GT	FO2		1972
West Bend City of West Bend (Palo Alto) .....	1	1.2	1.0	1.0	IC	FO2	Nat Gas	1950
	3	1.0	.9	.9	IC	FO2	Nat Gas	1954
	4	2.3	2.0	2.0	IC	FO2	Nat Gas	1973
West Liberty City of West Liberty (Muscatine) .....	1	.9	.8	.8	IC	FO2		1948
	2	2.5	2.1	2.1	IC	FO2	Nat Gas	1974
	3	3.0	2.7	2.7	IC	FO2	Nat Gas	1982
Whittemore City of Whittemore (Kossuth) .....	1	.1	.1	.1	IC	FO2	Nat Gas	1946
	2	.6	.6	.6	IC	FO2	Nat Gas	1956
	3	.2	.2	.2	IC	FO2	Nat Gas	1950
	4	1.1	1.1	1.1	IC	FO2	Nat Gas	1964
Wilton City of Wilton (Muscatine) .....	1	1.0	1.0	1.0	IC	FO2	Nat Gas	1958
	2	.1	.1	.1	IC	FO2		1932
	3	.2	.1	.1	IC	FO2		1936
	4	3.0	3.1	3.1	IC	FO2	Nat Gas	1968
Winterset City of Winterset (Madison) .....	1	.8	.7	.7	IC	FO2		1947
	2	1.5	1.4	1.4	IC	FO2	Nat Gas	1956
	3	1.8	1.8	1.8	IC	FO2	Nat Gas	1966
	4	4.5	4.5	4.5	IC	FO2	Nat Gas	1972

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Kansas</b>								
Anthony City of Anthony (Harper)	IC1	4.1	4.1	4.1	IC	Nat Gas		1972
	IC2	3.0	3.0	3.0	IC	Nat Gas	FO2	1976
	IC3	4.0	4.0	4.0	IC	Nat Gas	FO2	1981
Ashland City of Ashland (Clark)	1	.7	.7	.7	IC	Nat Gas	FO2	1953
	2	.9	.8	.8	IC	Nat Gas	FO2	1974
	3	1.3	1.1	1.1	IC	Nat Gas	FO2	1963
	4	1.3	1.1	1.1	IC	Nat Gas	FO2	1958
	5	.9	.7	.7	IC	FO2		1971
Attica City of Attica (Harper)	IC3	1.1	1.0	1.2	IC	FO2	Nat Gas	1984
	1	.5	.5	.6	IC	FO2	Nat Gas	1954
	2	.9	.8	.9	IC	FO2	Nat Gas	1970
	4	.3	.3	.3	IC	FO2	Nat Gas	1961
	5	.3	.3	.3	IC	FO2	Nat Gas	1961
Augusta City of Plant No 1 (Butler)	1	1.1	1.0	1.1	IC	Nat Gas	FO2	1954
	2	.4	.4	.4	IC	FO2		1929
	3	1.0	1.0	1.0	IC	Nat Gas	FO2	1949
	4	.7	.7	.7	IC	FO2		1939
	5	2.3	2.1	2.3	IC	Nat Gas	FO2	1956
	6	2.3	2.1	2.3	IC	Nat Gas	FO2	1956
	7	2.0	1.8	2.0	IC	Nat Gas	FO2	1964
Plant No 2 (Butler)	1	4.0	4.1	4.0	IC	Nat Gas	FO2	1968
	2	4.0	4.1	4.0	IC	Nat Gas	FO2	1968
	3	6.0	6.3	6.0	IC	Nat Gas	FO2	1981
Baldwin City City of Baldwin (Douglas)	1	.6	.4	.4	IC	FO2	Nat Gas	1950
	3	1.1	1.0	1.0	IC	FO2	Nat Gas	1970
	4	2.1	1.8	1.8	IC	FO2	Nat Gas	1970
	5	1.1	.7	1.0	IC	FO2	Nat Gas	1964
	6	1.1	.7	1.0	IC	FO2	Nat Gas	1964
	7	1.1	.7	1.0	IC	FO2	Nat Gas	1964
Belleville City of Belleville (Republic)	1	.6	.6	.6	IC	FO2	Nat Gas	1946
	2	.6	.6	.6	IC	FO2	Nat Gas	1946
	3	.3	.3	.3	IC	FO2	Nat Gas	1946
	4	1.0	1.0	1.0	IC	FO2	Nat Gas	1955
	5	1.8	1.8	1.8	IC	FO2	Nat Gas	1961
	6	3.8	3.8	3.8	IC	FO2	Nat Gas	1966
	7	5.1	5.1	5.1	IC	FO2	Nat Gas	1971
Beloit City of Beloit (Mitchell)	1	1.5	1.0	1.0	IC	FO2	Nat Gas	1951
	2	1.5	1.0	1.0	IC	FO2	Nat Gas	1951
	3	2.0	2.0	2.0	IC	FO2	Nat Gas	1961
	4	3.5	3.3	3.3	IC	FO2	Nat Gas	1964
	5	.8	.7	.7	IC	FO2	Nat Gas	1950
	6	4.1	3.8	3.8	IC	FO2	Nat Gas	1971
	7	6.0	6.0	6.0	IC	FO2	Nat Gas	1980
Bowersock Mills & Power Co Lawrence (Douglas)	1	.3	.3	.3	HC	Water		1919
	2	.3	.3	.3	HC	Water		1922
	3	.3	.3	.3	HC	Water		1922
	4	.3	.3	.3	HC	Water		1922
	5	.4	.4	.4	HC	Water		1925
	6	.3	.3	.3	HC	Water		1925
	7	.3	.3	.3	HC	Water		1925
Burlingame City of Burlingame (Osage)	1	1.1	1.1	1.1	IC	FO2	Nat Gas	1973

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Kansas</b>								
Burlingame City of	2	0.6	0.4	0.5	IC	FO2	Nat Gas	1951
	3	.9	.8	.9	IC	FO2	Nat Gas	1963
	4	1.1	1.1	1.1	IC	FO2	Nat Gas	1969
	5	.9	.8	.9	IC	FO2	Nat Gas	1980
Burlington City of Burlington (Coffey)	IC6	4.8	4.8	4.8	IC	Nat Gas	FO2	1983
	1	.3	.3	.3	IC	FO2		1935
	2	1.3	1.3	1.3	IC	Nat Gas	FO2	1962
	3	.8	.8	.8	IC	Nat Gas	FO2	1954
	4	.3	.3	.3	IC	FO2		1946
	5	1.0	1.0	1.0	IC	Nat Gas	FO2	1955
Centel Corp Arthur Mullergron (Barton)	3	81.6	89.3	89.3	ST	Nat Gas	FO5	1963
	1	50.0	58.0	58.0	ST	Nat Gas		1963
	2	15.0	14.0	14.0	GT	Nat Gas		1967
	1	85.0	70.0	70.0	GT	Nat Gas	FO2	1974
	2	3.0	2.5	2.5	IC	FO2		1974
Judson Large (Ford)	4	148.8	141.3	141.3	ST	Nat Gas	FO5	1969
Chanute City of Chanute 1 (Neosho)	4	4.0	4.0	4.2	ST	Nat Gas	FO6	1949
	5	1.7	1.5	1.7	IC	Nat Gas	FO2	1955
	6	10.0	9.8	10.0	ST	Nat Gas	FO6	1957
	7	2.0	2.0	2.0	IC	Nat Gas	FO2	1965
	8	2.0	2.0	2.0	IC	Nat Gas	FO2	1965
	10	7.0	6.8	6.8	IC	FO2	Nat Gas	1986
	11	7.0	6.9	6.9	IC	FO2	Nat Gas	1986
	9	7.0	6.9	6.9	IC	FO2	Nat Gas	1985
Clay Center City of Clay Center (Clay)	IC1	.9	.9	.9	IC	Nat Gas	FO2	1958
	IC2	2.1	2.1	2.1	IC	Nat Gas	FO2	1966
	IC3	5.1	5.0	5.0	IC	Nat Gas	FO2	1972
	4	1.5	1.5	1.4	ST	Nat Gas	FO5	1942
	5	3.0	3.0	3.0	ST	Nat Gas	FO5	1948
	6	5.0	5.0	5.0	ST	Nat Gas	FO5	1961
Coffeyville City of Coffeyville (Montgomery)	1	3.0	<sup>2</sup> 72.0	<sup>2</sup> 72.0	ST	Nat Gas	FO6	1926
	2	2.0	2 -	2 -	ST	Nat Gas	FO6	1925
	3	1.5	2 -	2 -	ST	Nat Gas	FO6	1921
	4	5.0	2 -	2 -	ST	Nat Gas	FO6	1937
	5	10.0	2 -	2 -	ST	Nat Gas	FO6	1949
	6	18.5	2 -	2 -	ST	Nat Gas	FO6	1956
	7	40.0	2 -	2 -	ST	Nat Gas	FO6	1973
Colby City of Colby (Thomas)	3	2.5	1.8	1.8	IC	FO2	Nat Gas	1963
	4	1.8	1.3	1.3	IC	FO2	Nat Gas	1958
	5	1.4	1.0	1.0	IC	FO2	Nat Gas	1958
	6	4.5	3.5	3.5	IC	FO2	Nat Gas	1971
	7	4.5	3.5	3.5	IC	FO2	Nat Gas	1971
	8	2.8	2.5	2.5	IC	FO2	Nat Gas	1971
Ellinwood City of Ellinwood (Barton)	1	2.1	1.9	1.9	IC	FO2	Nat Gas	1965
	2	1.4	1.3	1.3	IC	FO2	Nat Gas	1957
	3	.6	.5	.5	IC	FO2	Nat Gas	1948
	4	1.1	1.0	1.0	IC	FO2	Nat Gas	1953
	5	3.3	3.0	3.0	IC	FO2	Nat Gas	1971
Empire District Electric Co Riverton (Cherokee)	10	17.7	16.5	19.0	GT	Nat Gas	FO2	1988
	11	17.7	16.5	19.0	GT	Nat Gas	FO2	1988

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Kansas</b>								
Empire District Electric Co								
	3	10.0	11.0	11.0	ST	Nat Gas	FO6	1923
	4	12.5	9.0	9.0	ST	Nat Gas	FO6	1941
	6	25.0	31.5	31.5	ST	Nat Gas	FO6	1939
	7	37.5	38.1	38.1	ST	BIT	SUB	1950
	8	50.0	53.2	53.2	ST	BIT	SUB	1954
	9	12.5	14.5	14.5	GT	Nat Gas	FO2	1964
Erie City of Erie (Neosho) .....								
	1	.7	.5	.5	IC	FO2	Nat Gas	1953
	2	.4	.3	.3	IC	FO2	Nat Gas	1951
	3	1.3	1.1	1.1	IC	FO2	Nat Gas	1958
	4	1.5	1.3	1.3	IC	FO2	Nat Gas	1964
Fredonia City of Fredonia (Wilson) .....								
	IC5	.9	.9	.9	IC	FO2	Nat Gas	1978
	IC6	.9	.9	.9	IC	FO2	Nat Gas	1978
	IC7	.7	.7	.7	IC	FO2	Nat Gas	1978
	IC8	.9	.9	.9	IC	FO2	Nat Gas	1980
	IC9	.9	.8	.8	IC	FO2	Nat Gas	1980
	1	.9	.8	.8	IC	FO2	Nat Gas	1948
	2	1.3	1.3	1.3	IC	FO2	Nat Gas	1953
	3	.4	.3	.3	IC	FO2	Nat Gas	1927
	4	.6	.5	.5	IC	FO2	Nat Gas	1931
Garnett City of Garnett (Anderson) .....								
	IC5	2.4	2.2	2.2	IC	Nat Gas	FO2	1981
	IC6	2.5	2.3	2.3	IC	FO2	FO2	1978
	1	1.5	1.4	1.4	IC	Nat Gas	FO2	1961
	2	.4	.4	.4	IC	FO2	FO2	1930
	3	1.5	1.4	1.4	IC	Nat Gas	FO2	1955
	4	1.0	.9	.9	IC	Nat Gas	FO2	1948
Girard City of Girard (Crawford) .....								
	1	1.5	1.5	1.5	IC	FO2	Nat Gas	1955
	2	.8	.7	.8	IC	FO2	FO2	1948
	3	.5	.4	.5	IC	FO2	FO2	1937
	4	2.0	1.8	2.0	IC	FO2	Nat Gas	1962
Goodland City of Goodland (Sherman) .....								
	10	2.1	1.8	2.1	IC	Nat Gas	FO2	1971
	11	4.3	3.8	4.3	IC	Nat Gas	FO2	1978
	3	.8	.8	.8	IC	FO2	FO2	1939
	4	1.0	.9	1.0	IC	Nat Gas	FO2	1947
	5	1.3	1.0	1.3	IC	Nat Gas	FO2	1950
	6	2.3	2.0	2.3	IC	Nat Gas	FO2	1962
	7	2.3	2.0	2.3	IC	Nat Gas	FO2	1966
	8	5.0	4.8	5.0	IC	Nat Gas	FO2	1975
	9	2.1	1.8	2.1	IC	Nat Gas	FO2	1970
Greensburg City of Greensburg (Kiowa) .....								
	1	2.1	2.0	2.0	IC	Nat Gas	FO2	1966
	2	.7	.5	.5	IC	Nat Gas	FO2	1949
	3	1.1	1.1	1.1	IC	Nat Gas	FO2	1963
	4	1.1	1.1	1.1	IC	Nat Gas	FO2	1956
	5	2.1	1.9	1.9	IC	Nat Gas	FO2	1972
	6	1.4	1.3	1.3	IC	Nat Gas	FO2	1983
Herington City of Herington (Dickinson) .....								
	1	2.1	1.6	1.8	IC	Nat Gas	FO2	1968
	2	1.4	1.0	1.1	IC	Nat Gas	FO2	1962
	3	4.3	3.1	3.5	IC	Nat Gas	FO2	1973
	4	.8	.6	.6	IC	FO2	FO2	1947
	5	1.1	1.0	1.0	IC	Nat Gas	FO2	1951
Herndon City of City Light Plant (Rawlins) .....								
	1	.3	.3	.3	IC	FO2	FO2	1950

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Kansas</b>								
Hill City City of Hill City (Graham) .....	1	1.4	1.2	1.2	IC	Nat Gas	FO2	1962
	2	1.4	1.2	1.2	IC	Nat Gas	FO2	1962
	3	.7	.6	.6	IC	Nat Gas	FO2	1952
	4	1.1	1.0	1.0	IC	Nat Gas	FO2	1967
	5	1.4	1.3	1.3	IC	Nat Gas	FO2	1974
	6	1.4	1.3	1.3	IC	Nat Gas	FO2	1974
Hoisington City of Hoisington (Barton) .....	1	.2	.2	.2	IC	FO2		1940
	2	.6	.6	.6	IC	Nat Gas	FO2	1952
	4	.8	.8	.8	IC	Nat Gas	FO2	1947
	5	1.4	1.4	1.4	IC	Nat Gas	FO2	1955
	6	2.0	2.0	2.0	IC	Nat Gas	FO2	1961
	7	4.0	4.0	4.0	IC	Nat Gas	FO2	1966
	8	7.0	7.0	7.0	IC	Nat Gas	FO2	1981
Holton City of Holton (Jackson) .....	10	2.0	1.8	2.0	IC	FO2	Nat Gas	1978
	5	.9	.7	.9	IC	FO2	Nat Gas	1951
	6	1.8	1.4	1.8	IC	FO2	Nat Gas	1958
	7	2.8	2.4	2.7	IC	FO2	Nat Gas	1963
	8	4.3	3.9	4.0	IC	FO2	Nat Gas	1969
	9	2.0	1.8	2.0	IC	FO2	Nat Gas	1978
Hugoton City of Hugoton 1 (Stevens) .....	1	.8	.6	.6	IC	FO2	Nat Gas	1949
	2	.2	.1	.1	IC	FO2	Nat Gas	1929
	4	.4	.4	.4	IC	FO2	Nat Gas	1940
	5	1.0	.7	.7	IC	FO2	Nat Gas	1953
	6	1.4	1.2	1.2	IC	FO2	Nat Gas	1959
	10	4.3	4.0	4.0	IC	FO2	Nat Gas	1983
	7	2.3	2.1	2.1	IC	FO2	Nat Gas	1964
	8	2.1	1.8	1.8	IC	FO2	Nat Gas	1971
	9	5.1	4.3	4.3	IC	FO2	Nat Gas	1977
Iola City of Iola (Allen) .....	10	2.8	2.9	2.9	IC	FO2		1981
	11	2.1	2.2	2.2	IC	FO2		1987
	12	2.1	2.0	2.0	IC	FO2		1987
	13	2.1	2.1	2.1	IC	FO2		1987
	3	2.0	2.0	2.0	ST	Nat Gas		1941
	4	3.5	4.4	4.4	ST	Nat Gas	FO5	1949
	5	5.0	5.4	5.4	ST	Nat Gas	FO5	1957
	6	2.8	3.0	3.0	IC	FO2		1969
	7	2.7	2.9	2.9	IC	FO2		1971
	8	2.8	3.0	3.0	IC	FO2		1976
	9	2.8	3.0	3.0	IC	FO2		1977
Jetmore City of Jetmore (Hodgeman) .....	1	1.0	1.0	1.0	IC	FO2	Nat Gas	1960
	2	.4	.4	.4	IC	FO2	Nat Gas	1951
	3	.2	.2	.2	IC	FO2	Nat Gas	1946
	4	.8	.8	.8	IC	FO2	Nat Gas	1964
	5	1.5	1.5	1.5	IC	FO2	Nat Gas	1966
	6	1.2	1.2	1.2	IC	FO2		1966
	7	.9	.9	.9	IC	FO2		1966
Johnson City of Johnson (Stanton) .....	IC6	1.5	1.3	1.3	IC	FO2	Nat Gas	1986
	1	.6	.6	.6	IC	FO2	Nat Gas	1959
	2	1.0	.8	.8	IC	FO2	Nat Gas	1963
	3	1.5	1.0	1.0	IC	FO2	Nat Gas	1376
	4	.5	.2	.2	IC	FO2	Nat Gas	1954
	5	.4	.3	.3	IC	FO2	Nat Gas	1950
	7	1.5	1.3	1.3	IC	FO2	Nat Gas	1983

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation	
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Kansas</b>									
Kansas City City of Kaw (Wyandotte)	1	46.0	37.0	37.0	ST	BIT	Nat Gas	1954	
	2	50.0	37.0	37.0	ST	BIT	Nat Gas	1957	
	3	65.3	55.0	55.0	ST	BIT	Nat Gas	1962	
	Nearman Creek (Wyandotte)	1	261.0	235.0	235.0	ST	BIT		1981
		GT1	15.3	14.0	14.0	GT	FO2		1969
		GT2	65.5	45.0	45.0	GT	FO2		1974
	Quindaro (Wyandotte)	1	64.7	45.0	45.0	GT	FO2		1977
		2	81.6	73.0	73.0	ST	BIT	Nat Gas	1965
		2	157.5	135.0	135.0	ST	BIT	Nat Gas	1971
Kansas City Power & Light Co La Cygne (Linn)	**1	893.4	386.0	686.0	ST	BIT		1973	
	**2	685.2	40.0	640.0	ST	SUB		1977	
Kansas Gas & Electric Co Gordon Evans (Sedgwick)	1	149.6	150.2	150.2	ST	Nat Gas	FO6	1961	
	2	389.7	360.3	360.3	ST	Nat Gas	FO6	1967	
	Murray Gill (Sedgwick)	1	46.0	44.6	44.6	ST	Nat Gas	FO6	1952
		2	75.0	72.5	72.5	ST	Nat Gas	FO6	1954
		3	113.6	103.2	103.2	ST	Nat Gas	FO6	1956
		4	113.6	104.7	104.7	ST	Nat Gas	FO6	1959
	Neosho (Labette)	3	73.5	70.5	72.0	ST	Nat Gas	FO6	1954
	Wichita (Sedgwick)	5	2.9	2.8	2.8	IC	FO2		1960
	Kansas Power & Light Co Abilene (Dickinson)	GT1	86.0	67.0	67.0	GT	Nat Gas	FO2	1973
		GT2	79.1	52.0	52.0	GT	Nat Gas	FO2	1974
GT3		79.1	51.0	51.0	GT	Nat Gas	FO2	1974	
GT4		84.3	81.0	81.0	GT	Nat Gas	FO2	1974	
ST1		27.1	20.0	20.0	ST	FO2		1975	
ST2		26.5	17.0	17.0	ST	Nat Gas	FO6	1950	
ST3		40.6	27.0	27.0	ST	Nat Gas	FO6	1950	
ST4		202.0	190.0	190.0	ST	Nat Gas	FO6	1951	
Jeffrey Energy Centr (Pottawatomie)		**1	720.0	664.0	664.0	ST	SUB		1965
		**2	720.0	672.0	672.0	ST	SUB		1978
		**3	720.0	684.0	684.0	ST	SUB		1980
Lawrence (Douglas)		ST1	10.0	7.0	7.0	ST	SUB		1983
		2	44.1	26.0	26.0	ST	BIT	Nat Gas	1939
		3	61.3	56.0	56.0	ST	Nat Gas	FO6	1952
	4	134.7	107.0	107.0	ST	BIT	Nat Gas	1954	
	5	448.0	348.0	348.0	ST	BIT	Nat Gas	1960	
Tecumseh (Shawnee)	1	32.0	18.0	18.0	ST	BIT	Nat Gas	1971	
	2	32.0	19.0	19.0	GT	Nat Gas	FO2	1972	
	7	96.0	78.0	78.0	GT	Nat Gas	FO2	1972	
	8	176.0	134.0	134.0	ST	BIT	Nat Gas	1957	
Kingman City of Kingman (Kingman)	1	1.4	1.2	1.2	IC	FO2	Nat Gas	1955	
	2	2.3	1.9	2.0	IC	FO2	Nat Gas	1962	
	3	.4	.4	.4	IC	FO2	Nat Gas	1939	
	4	2.2	1.9	2.0	IC	FO2	Nat Gas	1977	
	5	1.0	.8	.9	IC	FO2	Nat Gas	1953	
	6	3.5	3.4	3.4	IC	FO2	Nat Gas	1969	
	7	2.4	2.1	2.1	IC	FO2	Nat Gas	1979	
	8	2.5	2.4	2.4	IC	FO2	Nat Gas	1984	
La Crosse City of La Crosse (Rush)	1	.7	.7	.7	IC	FO2	Nat Gas	1962	
	2	.7	.9	.9	IC	FO2	Nat Gas	1964	
	3	.7	.6	.6	IC	FO2	Nat Gas	1950	
	4	.3	.3	.3	IC	FO2	Nat Gas	1938	
	5	1.9	1.5	1.5	IC	FO2	Nat Gas	1968	
	6	2.0	1.5	1.5	IC	FO2	Nat Gas	1975	

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternat.	
<b>Kansas</b>								
Larned City of								
Gas Turbine (Pawnee) .....	GT1	1.3	1.0	1.0	GT	Nat Gas		1955
Larned (Pawnee) .....	IC5	6.5	6.0	6.0	IC	FO2	Nat Gas	1976
	1	1.5	1.5	1.5	ST	Nat Gas	FO6	1939
	2	3.0	3.0	3.0	ST	Nat Gas	FO6	1948
	3	8.3	9.0	9.0	ST	Nat Gas	FO6	1966
Lincoln Center City of								
Lincoln (Lincoln) .....	1	1.3	1.1	1.1	IC	Nat Gas	FO2	1964
	2	1.3	1.1	1.1	IC	Nat Gas	FO2	1964
	4	.8	.6	.6	IC	Nat Gas	FO2	1958
	5	1.3	1.1	1.1	IC	Nat Gas	FO2	1960
	6	2.5	2.2	2.2	IC	FO2	Nat Gas	1979
	7	3.5	3.0	3.0	IC	FO2	Nat Gas	1974
McPherson City of								
McPherson 1 (McPherson) .....	IC1	1.0	1.0	1.0	IC	FO2		1949
	ST1	5.0	5.0	5.0	ST	Nat Gas	FO2	1948
	2	7.5	7.5	7.5	ST	Nat Gas	FO2	1952
	3	10.0	10.0	10.0	ST	Nat Gas	FO2	1958
McPherson 2 (McPherson) .....	GT1	56.4	52.9	60.0	GT	Nat Gas	FO2	1973
	GT2	56.4	50.9	60.0	GT	FO2		1976
	GT3	57.6	52.0	60.0	GT	Nat Gas	FO2	1979
	1	26.6	26.6	26.6	ST	Nat Gas	FO6	1963
Meade City of								
Meade (Meade) .....	1	.5	.4	.5	IC	FO2	Nat Gas	1948
	2	.9	.8	.9	IC	FO2	Nat Gas	1951
	3	1.1	1.1	1.1	IC	FO2	Nat Gas	1957
	4	1.4	1.3	1.4	IC	FO2	Nat Gas	1961
	5	2.1	2.0	2.2	IC	FO2	Nat Gas	1965
	6	2.7	2.5	2.7	IC	FO2	Nat Gas	1972
Midwest Energy Inc								
Atwood (Rawlins) .....	1	.5	.6	.6	IC	FO2		1947
	2	.6	.4	.4	IC	FO2		1949
Bird City (Cheyenne) .....	1	2.0	2.0	2.0	IC	FO2		1965
	2	2.0	2.0	2.0	IC	FO2		1966
Colby (Thomas) .....	GT1	16.3	13.0	13.0	GT	Nat Gas	FO2	1970
	1	6.0	5.8	5.8	ST	Nat Gas	FO2	1951
	2	6.0	5.8	5.8	ST	Nat Gas	FO2	1955
Ellis (Ellis) .....	1	1.5	1.4	1.4	IC	Nat Gas	FO2	1960
	2	2.1	1.8	1.8	IC	Nat Gas	FO2	1965
	3	.6	.5	.5	IC	Nat Gas	FO2	1947
	4	.6	.6	.6	IC	Nat Gas	FO2	1954
	5	1.6	1.0	1.0	IC	Nat Gas	FO2	1973
Great Bend (Barton) .....	1	1.0	.9	.9	IC	Nat Gas	FO2	1947
	2	1.0	.9	.9	IC	Nat Gas	FO2	1947
	3	1.2	1.0	1.0	IC	Nat Gas	FO2	1949
	4	1.2	1.0	1.0	IC	Nat Gas	FO2	1949
	5	3.1	2.9	2.9	IC	Nat Gas	FO2	1954
	6	3.1	2.9	2.9	IC	Nat Gas	FO2	1954
Hays (Ellis) .....	1	6.0	5.8	5.8	ST	Nat Gas	FO6	1948
	2	7.5	7.6	7.6	ST	Nat Gas	FO6	1957
Hoxie (Sheridan) .....	1	.6	.5	.5	IC	FO2		1947
	2	.6	.5	.5	IC	FO2		1947
	3	.6	.5	.5	IC	FO2		1949
	4	.6	.5	.5	IC	FO2		1949
Ross Beach (Graham) .....	1	11.5	12.0	12.0	ST	Nat Gas	FO6	1954
	2	25.0	22.7	22.7	ST	Nat Gas	FO6	1960
Wakeeney (Trego) .....	1	.6	.6	.6	IC	FO2		1947
	2	.6	.6	.6	IC	FO2		1947
Minneapolis City of								
Minneapolis (Ottawa) .....	1	.4	.4	.4	IC	FO2		1936
	2	.7	.5	.5	IC	Nat Gas	FO2	1947
	3	1.3	1.2	1.2	IC	Nat Gas	FO2	1961

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Kansas</b>								
Minneapolis City of	4	0.7	0.6	0.6	IC	Nat Gas	FO2	1955
	5	2.1	1.8	1.8	IC	Nat Gas	FO2	1966
	6	3.0	2.8	2.8	IC	Nat Gas	FO2	1972
	7	2.0	1.8	1.8	IC	Nat Gas	FO2	1989
Mulvane City of Mulvane (Sedgwick)	1	.4	.3	.3	IC	FO2		1949
	2	.3	.3	.4	IC	FO2		1945
	3	1.4	1.6	1.6	IC	Nat Gas	FO2	1963
	4	1.4	1.5	1.5	IC	FO2	Nat Gas	1958
	5	.8	.8	.8	IC	FO2	Nat Gas	1967
	6	2.1	2.3	2.3	IC	FO2	Nat Gas	1967
Neodesha City of Neodesha (Wilson)	5	1.3	1.0	1.0	IC	FO2	Nat Gas	1952
	6	2.3	2.2	2.2	IC	FO2	Nat Gas	1956
	7	2.0	2.0	2.0	IC	FO2	Nat Gas	1962
	8	2.7	2.6	2.6	IC	FO2	Nat Gas	1968
Norton City of Norton (Norton)	1	1.0	.9	.9	IC	Nat Gas	FO2	1955
	2	1.5	1.4	1.4	IC	Nat Gas	FO2	1960
	3	2.8	2.5	2.5	IC	Nat Gas	FO2	1963
	4	3.5	3.2	3.2	IC	Nat Gas	FO2	1968
	5	2.5	2.3	2.3	IC	Nat Gas	FO2	1977
Oakley City of Oakley (Logan)	1	1.4	1.3	1.3	IC	FO2	Nat Gas	1961
	2	.4	.3	.4	IC	FO2		1948
	3	.6	.5	.5	IC	FO2	Nat Gas	1951
	4	.9	.9	.9	IC	FO2	Nat Gas	1956
	5	1.5	1.4	1.5	IC	FO2	Nat Gas	1965
	6	3.4	3.2	3.3	IC	FO2	Nat Gas	1973
Oberlin City of Oberlin (Decatur)	1	1.1	.9	.9	IC	Nat Gas	FO2	1955
	2	.8	.6	.6	IC	Nat Gas	FO2	1953
	4	1.5	1.2	1.2	IC	Nat Gas	FO2	1967
	5	2.0	1.6	1.6	IC	Nat Gas	FO2	1973
	6	1.5	1.2	1.2	IC	Nat Gas	FO2	1963
	Osage City City of Osage City (Osage)	IC6	1.1	.9	.9	IC	FO2	Nat Gas
1		1.1	.9	.9	IC	FO2	Nat Gas	1955
2		1.3	1.1	1.1	IC	FO2	Nat Gas	1960
3		.7	.4	.5	IC	FO2	Nat Gas	1946
4		2.1	1.9	1.9	IC	FO2	Nat Gas	1967
5		2.1	1.9	1.9	IC	FO2	Nat Gas	1970
7		1.8	1.5	1.5	IC	FO2	Nat Gas	1984
Osawatomie City of Osawatomie (Miami)	2	2.3	1.8	1.9	IC	FO2	Nat Gas	1957
	3	.4	.3	.3	IC	FO2		1934
	4	1.2	1.0	1.0	IC	FO2	Nat Gas	1950
	5	3.1	2.8	2.8	IC	FO2	Nat Gas	1966
	Osborne City of Osborne (Osborne)	1	2.3	1.8	2.0	IC	FO2	Nat Gas
2		2.0	1.8	2.0	IC	FO2	Nat Gas	1963
3		1.1	.7	.9	IC	FO2	Nat Gas	1957
Ottawa City of Ottawa (Franklin)	GT1	11.5	9.0	10.5	GT	Nat Gas	FO2	1967
	IC3	3.8	3.5	3.7	IC	FO2	Nat Gas	1962
	IC4	3.5	3.0	3.4	IC	FO2	Nat Gas	1958

See footnotes at end of table.



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Kansas</b>								
Ottawa City of	IC6	6.0	6.0	6.0	IC	FO2	Nat Gas	1981
	IC7	6.0	6.0	6.0	IC	FO2	Nat Gas	1981
Pratt City of Pratt (Pratt)	IC1	1.5	1.5	1.5	IC	FO2	Nat Gas	1957
	1	3.0	3.0	3.1	ST	FO2	Nat Gas	1938
	3	5.0	5.8	5.8	ST	FO2	Nat Gas	1953
	5	14.0	13.0	14.0	ST	FO2	Nat Gas	1964
Russell City of Russell (Russell)	1	3.4	2.7	2.8	IC	Nat Gas	FO2	1956
	2	3.0	2.5	2.5	IC	Nat Gas	FO2	1958
	3	.8	.5	.6	IC	Nat Gas	FO2	1957
	4	5.0	4.5	4.5	IC	Nat Gas	FO2	1965
	5	2.5	1.8	1.8	IC	Nat Gas	FO2	1951
	7	3.5	3.0	3.0	IC	Nat Gas	FO2	1971
	8	2.5	2.5	2.5	IC	FO2		1978
	9	2.5	2.5	2.5	IC	FO2		1981
	Sabetha City of Sabetha (Nemaha)	IC9	1.1	1.0	1.0	IC	FO2	Nat Gas
1		.6	.4	.4	IC	FO2		1937
2		1.5	1.3	1.3	IC	FO2	Nat Gas	1957
3		.8	.6	.6	IC	FO2	Nat Gas	1947
4		1.0	.8	.8	IC	FO2	Nat Gas	1950
5		1.4	1.3	1.3	IC	FO2	Nat Gas	1961
6		1.4	1.3	1.3	IC	FO2	Nat Gas	1967
7		2.2	1.8	1.8	IC	FO2	Nat Gas	1970
8	2.5	2.1	2.1	IC	FO2	Nat Gas	1978	
Sharon Springs City of Sharon Spring (Wallace)	1	1.0	.9	1.0	IC	FO2	Nat Gas	1970
	2	1.0	1.0	1.0	IC	FO2	Nat Gas	1964
	3	.4	.4	.4	IC	FO2	Nat Gas	1958
	4	.7	.6	.6	IC	FO2	Nat Gas	1951
St Francis City of St Francis (Cheyenne)	2	1.5	1.5	1.5	IC	FO1	Nat Gas	1964
	3	.8	.8	.8	IC	FO1	Nat Gas	1960
	4	2.7	2.7	2.7	IC	FO1	Nat Gas	1972
	5	.9	.9	.9	IC	FO1	Nat Gas	1953
St John City of St John (Stafford)	1	.4	.4	.4	IC	FO2	Nat Gas	1949
	3	.9	.9	.9	IC	FO2	Nat Gas	1952
	4	1.7	1.7	1.7	IC	FO2	Nat Gas	1965
	5	2.0	2.0	2.2	IC	FO2	Nat Gas	1982
Stafford City of Stafford (Stafford)	1	.9	.9	.9	IC	FO2	Nat Gas	1960
	2	.9	.9	.9	IC	FO2	Nat Gas	1953
	3	.8	.8	.8	IC	FO2	Nat Gas	1958
	4	1.4	1.4	1.4	IC	FO2	Nat Gas	1973
	5	1.1	1.1	1.1	IC	FO2	Nat Gas	1983
Sterling City of Sterling (Rice)	1	1.5	1.4	1.4	IC	FO2	Nat Gas	1962
	2	.6	.5	.5	IC	FO2	Nat Gas	1950
	3	3.0	2.2	2.2	IC	FO2	Nat Gas	1972
	4	1.1	.8	.8	IC	FO2	Nat Gas	1955
Stockton City of Stockton (Rooks)	1	1.1	.9	1.1	IC	Nat Gas	FO2	1967
	2	1.1	.9	1.1	IC	Nat Gas	FO2	1962
	3	2.1	1.9	2.0	IC	Nat Gas	FO2	1971

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Kansas</b>								
Stockton City of	4	0.6	0.5	0.5	IC	Nat Gas		
	5	1.4	1.1	1.3	IC	Nat Gas	FO2	1951
Sunflower Electric Power Corp								
Garden City (Finney)	S2	97.9	85.0	88.0	ST	Nat Gas		1972
	S3	16.0	12.0	13.0	GT	Nat Gas		1968
	S4	64.7	50.0	55.0	GT	Nat Gas	FO2	1976
	S5	64.7	50.0	55.0	GT	Nat Gas		1979
	1	3.5	4.0	4.0	ST	Nat Gas		1948
	2	7.5	7.0	7.0	ST	Nat Gas		1953
	3	11.5	11.0	11.0	ST	Nat Gas		1962
Holcomb (Finney)	1	348.7	325.0	325.0	ST	SUB	Nat Gas	1980
USCE-Kansas City District								
Wilson (Russell)	1	.	.	.	WT	Wind		1984
	2	.	.	.	WT	Wind		1984
Wamego City of								
Wamego (Pottawatomie)	1	1.3	1.1	1.3	IC	FO2	Nat Gas	1963
	3	1.3	1.1	1.3	IC	FO2	Nat Gas	1972
	4	1.1	1.0	1.1	IC	FO2	Nat Gas	1956
	5	2.0	1.8	2.0	IC	FO2	Nat Gas	1966
	6	2.4	2.2	2.4	IC	FO2	Nat Gas	1979
Washington City of								
Washington (Washington)	IC4	2.6	2.3	2.4	IC	FO2	Nat Gas	1986
	1	1.2	1.0	1.0	IC	FO2	Nat Gas	1963
	2	1.0	.8	.8	IC	FO2	Nat Gas	1958
	3	.9	.7	.8	IC	FO2	Nat Gas	1978
	5	.7	.4	.5	IC	FO2	Nat Gas	1953
	6	1.5	1.3	1.4	IC	FO2	Nat Gas	1967
	7	1.1	.9	1.0	IC	FO2	Nat Gas	1976
Wellington City of								
Wellington (Sumner)	4	20.0	19.5	19.5	ST	Nat Gas	FO2	1972
	5	1.0	1.0	1.0	IC	Nat Gas	FO2	1956
	6	20.0	21.0	21.0	GT	Nat Gas	FO1	1987
Winfield City of								
East 12th St (Cowley)	4	27.0	27.2	27.2	ST	Nat Gas	FO2	1970
West 14th St (Cowley)	GT1	11.0	11.3	11.5	GT	Nat Gas	FO2	1962
	1	10.0	12.5	12.8	ST	Nat Gas	FO5	1957
	2	5.0	6.2	6.3	ST	Nat Gas	FO5	1952
	3	3.0	3.4	3.5	ST	Nat Gas	FO5	1939
Wolf Creek Nuclear Oper Corp								
Wolf Creek (Coffey)	**1	1,235.8	1,135.0	1,158.0	NP	Uranium		1985
<b>Kentucky</b>								
Big Rivers Electric Corp								
Coleman (Hancock)	1	174.3	150.0	150.0	ST	BIT		1969
	2	174.3	150.0	150.0	ST	BIT		1970
	3	172.8	155.0	155.0	ST	BIT		1971
D B Wilson (Ohio)	1	509.5	420.0	420.0	ST	BIT		1984
HMP&L Station 2 (Henderson)	**1	180.0	154.0	154.0	ST	BIT		1973
	**2	184.5	161.0	161.0	SI	BIT		1974
R D Groen (Webster)	1	263.7	231.0	231.0	ST	BIT		1979
	2	263.7	223.0	223.0	SI	BIT		1980
Robert Reid (Henderson)	GT1	66.4	65.0	65.0	GT	FO2		1975
	1	81.6	65.0	65.0	ST	BIT		1965
Cincinnati Gas & Electric Co								
East Bend (Boone)	**2	669.3	600.0	600.0	ST	BIT		1980

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Kentucky</b>								
East Kentucky Power Coop Inc Cooper (Pulaski)	1	100.0	116.0	116.0	ST	BIT		1964
	2	220.9	220.0	220.0	ST	BIT		1969
Dale (Clark)	1	22.0	20.0	20.0	ST	BIT		1954
	2	22.0	20.0	20.0	ST	BIT		1954
	3	66.0	66.0	66.0	ST	BIT		1957
	4	66.0	66.0	66.0	ST	BIT		1960
H L Spurlock (Mason)	1	305.2	300.0	300.0	ST	BIT		1977
	2	508.3	500.0	500.0	ST	BIT		1981
Henderson City of Henderson I (Henderson)	1	1.2	1.0	1.0	IC	Nat Gas	FO2	1948
	2	1.2	1.0	1.0	IC	Nat Gas	FO2	1948
	5	11.5	10.0	10.0	ST	BIT		1956
	6	32.3	26.0	26.0	ST	BIT		1968
Kentucky Power Co Big Sandy (Lawrence)	1	280.5	260.0	260.0	ST	BIT		1962
	2	816.3	800.0	800.0	ST	BIT		1969
Kentucky Utilities Co Dix Dam (Garrard)	1	9.4	8.0	8.0	HC	Water		1925
	2	9.4	8.0	8.0	HC	Water		1925
	3	9.4	8.0	8.0	HC	Water		1925
E W Brown (Mercer)	1	113.6	103.0	105.0	ST	BIT		1957
	2	179.5	165.0	167.0	ST	BIT		1963
	3	446.4	375.0	385.0	ST	BIT		1971
Ghent (Carroll)	1	556.9	499.0	508.0	ST	BIT		1974
	2	556.4	477.0	482.0	ST	BIT		1976
	3	556.6	504.0	510.0	ST	BIT		1981
	4	556.2	499.0	504.0	ST	BIT		1984
Green River (Muhlenberg)	1	37.5	26.0	29.0	ST	BIT		1950
	2	37.5	27.0	30.0	ST	BIT		1949
	3	75.0	70.0	71.0	ST	BIT		1954
	4	113.6	109.0	111.0	ST	BIT		1950
Haelling (Fayette)	1	20.7	17.0	20.0	GT	FO2	Nat Gas	1970
	2	20.7	16.0	19.0	GT	FO2	Nat Gas	1970
	3	20.7	17.0	20.0	GT	FO2	Nat Gas	1970
Lock 7 (Mercer)	1	.7	.7	.7	HC	Water		1928
	2	.7	.7	.7	HC	Water		1928
	3	.7	.7	.7	HC	Water		1928
Pineville (Ball)	3	37.5	34.0	35.0	ST	BIT		1951
Tyrone (Woodford)	1	31.3	31.0	33.0	ST	FO2		1947
	2	31.3	28.0	32.0	ST	FO2		1948
	3	75.0	72.0	73.0	ST	BIT		1953
Louisville Gas & Electric Co Cane Run (Jefferson)	11	16.3	16.0	19.0	GT	Nat Gas	FO2	1968
	3	147.1	115.0	115.0	ST	Nat Gas		1958
	4	163.2	155.0	155.0	ST	BIT		1962
	5	209.4	168.0	168.0	ST	BIT		1966
	6	272.0	240.0	240.0	ST	BIT		1969
	6	272.0	240.0	240.0	ST	BIT		1972
Mill Creek (Jefferson)	1	355.5	303.0	303.0	ST	BIT		1974
	2	355.5	301.0	301.0	ST	BIT		1978
	3	462.6	386.0	386.0	ST	BIT		1978
	4	543.6	466.0	466.0	ST	BIT		1982
Ohio Falls (Jefferson)	1	10.0	8.0	4.4	HC	Water		1928
	2	10.0	8.0	4.4	HC	Water		1928
	3	10.0	8.0	4.4	HC	Water		1928
	4	10.0	8.0	4.4	HC	Water		1928
	5	10.0	8.0	4.4	HC	Water		1928
	6	10.0	8.0	4.4	HC	Water		1928
	7	10.0	8.0	4.4	HC	Water		1928
	8	10.0	8.0	4.4	HC	Water		1928
Paddys Run (Jefferson)	11	16.0	17.0	19.0	GT	Nat Gas		1968
	12	32.6	26.0	32.0	GT	Nat Gas		1968

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Kentucky</b>								
Louisville Gas & Electric Co Waterside (Jefferson)	7	20.0	17.0	20.0	GT	Nat Gas		1964
	8	25.0	16.0	19.0	GT	Nat Gas		1964
Zorn (Jefferson)	1	18.0	16.0	18.0	GT	Nat Gas		1969
Owensboro City of Elmer Smith (Davies)	1	151.0	149.0	149.0	ST	BIT		1964
	2	265.0	250.0	250.0	ST	BIT		1973
Paris City of Paris (Bourbon)	1	1.4	1.3	1.3	IC	FO2		1952
	2	1.4	1.3	1.3	IC	FO2		1954
	3	.7	.7	.7	IC	FO2		1934
	4	1.0	1.0	1.0	IC	FO2		1947
	5	1.1	1.1	1.1	IC	FO2		1949
	6	3.1	2.9	2.9	IC	FO2		1974
	7	3.1	2.9	2.9	IC	FO2		1974
Tennessee Valley Authority Kentucky (Marshall)	1	37.0	37.0	37.0	HC	Water		1945
	2	32.0	32.0	32.0	HC	Water		1944
	3	32.0	32.0	32.0	HC	Water		1944
	4	37.0	37.0	37.0	HC	Water		1945
	5	37.0	37.0	37.0	HC	Water		1947
Paradise (Muhlenberg)	1	704.0	610.0	641.0	ST	BIT		1963
	2	704.0	610.0	641.0	ST	BIT		1963
	3	1150.2	1000.0	1070.0	ST	BIT		1969
Shawnee (McCracken)	1	175.0	151.0	155.0	ST	BIT		1953
	10	175.0	148.0	152.0	ST	BIT		1956
	2	175.0	151.0	155.0	ST	BIT		1953
	3	175.0	151.0	155.0	ST	BIT		1953
	4	175.0	151.0	155.0	ST	BIT		1953
	5	175.0	151.0	155.0	ST	BIT		1954
	6	175.0	151.0	155.0	ST	BIT		1954
	7	175.0	151.0	155.0	ST	BIT		1954
	8	175.0	151.0	155.0	ST	BIT		1955
	9	175.0	151.0	155.0	ST	BIT		1955
USCE-Nashville District Barkley (Lyon)	1	32.5	37.0	37.0	HC	Water		1965
	2	32.5	37.0	37.0	HC	Water		1965
	3	32.5	37.0	37.0	HC	Water		1965
	4	32.5	37.0	37.0	HC	Water		1965
Laurel (Laurel)	1	61.0	70.0	70.0	HC	Water		1977
Wolf Creek (Russell)	1	45.0	52.0	52.0	HC	Water		1952
	2	45.0	52.0	52.0	HC	Water		1952
	3	45.0	52.0	52.0	HC	Water		1951
	4	45.0	52.0	52.0	HC	Water		1951
	5	45.0	52.0	52.0	HC	Water		1951
	6	45.0	52.0	52.0	HC	Water		1951
<b>Louisiana</b>								
Alexandria City of D G Hunter (Rapides)	1	17.5	16.5	16.5	ST	Nat Gas	FO2	1957
	2	17.5	16.5	16.5	ST	Nat Gas	FO2	1957
	3	55.0	55.0	55.0	ST	Nat Gas	FO2	1965
	4	85.0	83.5	83.5	ST	Nat Gas	FO2	1973
Cajun Electric Power Coop. Inc Big Cajun 1 (Pointe Coupee)	1	115.2	105.0	105.0	ST	Nat Gas	FO2	1971
	2	115.2	105.0	105.0	ST	Nat Gas	FO2	1972
Big Cajun 2 (Pointe Coupee)	1	559.1	540.0	540.0	ST	SUB		1981
	2	559.1	540.0	540.0	ST	SUB		1981
	**3	560.0	540.0	540.0	ST	SUB		1983

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Louisiana</b>								
Central Louisiana Elec Co Inc								
Coughlin (Evangeline)	6	125.0	110.0	110.0	ST	Nat Gas	FO2	1961
	7	243.1	224.0	224.0	ST	Nat Gas	FO2	1966
	**1	720.8	650.0	650.0	ST	LIQ		1985
Dolet Hills (De Soto)					GT	Nat Gas		1972
Franklin (St Mary)	GT1	10.0	8.0	8.0	GT	Nat Gas	FO2	1975
Rodemacher (Rapides)	1	445.5	440.0	440.0	ST	Nat Gas	FO6	1982
	**2	558.0	523.0	523.0	ST	SUB	MF	1953
Teche (St Mary)	1	25.0	23.0	23.0	ST	Nat Gas		1956
	2	54.4	48.0	48.0	ST	Nat Gas		1971
	3	348.5	359.0	359.0	ST	Nat Gas	FO2	
Gulf States Utilities Co								
Louisiana 1 (East Baton Rouge)	1A	23.0	18.5	18.5	ST	Nat Gas	FO2	1951
	2A	62.5	51.0	51.0	ST	Nat Gas	FO2	1954
	3A	62.5	51.0	51.0	ST	Nat Gas	FO2	1954
	4A	129.1	90.0	90.0	GT	Nat Gas	FO2	1982
Louisiana 2 (East Baton Rouge)	7	50.0	40.0	40.0	ST	Nat Gas		1949
	8	50.0	40.0	40.0	ST	Nat Gas		1950
	9	75.0	60.0	60.0	ST	Nat Gas		1953
R S Nelson (Calcasieu)	**1	113.6	100.0	100.0	ST	Nat Gas	FO2	1959
	**2	113.6	100.0	100.0	ST	Nat Gas	FO2	1959
	3	163.2	146.0	146.0	ST	Nat Gas	FO2	1960
	4	591.8	500.0	500.0	ST	Nat Gas	FO6	1970
	**6	614.6	550.0	550.0	ST	SUB		1982
	**1	1036.0	936.0	936.0	NB	Uranium		1985
River Bend (West Feliciana)	1	163.2	156.0	156.0	ST	Nat Gas	FO2	1960
Willow Glen (Iberville)	1	239.4	198.0	198.0	ST	Nat Gas	FO2	1964
	2	239.4	198.0	198.0	ST	Nat Gas	FO2	1968
	3	591.8	500.0	500.0	ST	Nat Gas	FO6	1973
	4	591.8	500.0	500.0	ST	Nat Gas	FO6	1973
	5	591.8	550.0	550.0	ST	Nat Gas	FO6	1975
Lafayette City of								
Doc Bonin (Lafayette)	1	54.4	50.0	50.0	ST	Nat Gas	FO2	1965
	2	100.0	90.0	90.0	ST	Nat Gas	FO2	1969
	3	187.0	178.0	178.0	ST	Nat Gas	FO2	1976
Rodemacher (Lafayette)	3	12.7	12.0	12.0	ST	Nat Gas	FO2	1956
	4	25.0	24.0	24.0	ST	Nat Gas	FO2	1960
Louisiana Power & Light Co								
Buras (Plaquemines)	8	20.7	19.0	19.0	GT	Nat Gas	FO2	1971
Little Gypsy (St Charles)	1	225.3	244.0	244.0	ST	Nat Gas	FO2	1961
	2	382.5	436.0	436.0	ST	Nat Gas	FO2	1965
	3	582.3	573.0	573.0	ST	Nat Gas	FO2	1969
Monroe (Ouachita)	10	21.3	23.0	23.0	ST	Nat Gas	FO2	1961
	11	39.1	41.0	41.0	ST	Nat Gas	FO2	1965
	12	74.8	74.0	74.0	ST	Nat Gas	FO2	1969
Ninemile Point (Jefferson)	1	57.0	74.0	74.0	ST	Nat Gas	FO6	1951
	2	103.2	107.0	107.0	ST	Nat Gas	FO6	1953
	3	136.0	135.0	135.0	ST	Nat Gas	FO6	1955
	4	783.0	748.0	748.0	ST	Nat Gas	FO2	1971
	5	783.0	763.0	763.0	ST	Nat Gas	FO2	1973
Sterlington (Ouachita)	6	225.3	224.0	224.0	ST	Nat Gas	FO6	1958
	7A	65.3	2 -	2 -	CT	Nat Gas	FO2	1973
	7B	65.3	2 -	2 -	CT	Nat Gas	FO2	1973
	7C	101.3	2 203.0	2 203.0	CA	WH	Nat Gas	1974
Thibodaux (Lafourche)	IC1	2.0	2 27.0	2 27.0	IC	FO2		1957
	IC2	2.5	2 -	2 -	IC	FO2		1957
	IC3	2.5	2 -	2 -	IC	FO2		1961
	IC4	3.0	2 -	2 -	IC	FO2		1964
	IC5	3.3	2 -	2 -	IC	FO2		1967
	IC6	7.5	2 -	2 -	IC	FO2		1968
	IC7	7.5	2 -	2 -	IC	FO2		1969
	IC8	7.5	2 -	2 -	IC	FO2		1969
	9	20.4	19.0	19.0	ST	Nat Gas		1968
Waterford (St Charles)	3	1199.9	1075.0	1075.0	NP	Uranium		1985

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Louisiana</b>								
Louisiana Power & Light Co Waterford 1 & 2 (St Charles)	1	445.5	411.0	411.0	ST	Nat Gas	FO6	1974
	2	445.5	411.0	411.0	ST	Nat Gas	FO6	1975
Mindon City of Mindon (Webster)	1	12.5	12.5	12.5	ST	Nat Gas	FO2	1966
	2	12.5	12.5	12.5	ST	Nat Gas	FO2	1968
	3	7.0	4.5	4.5	IC	Nat Gas	FO2	1965
	4	7.0	4.5	4.5	IC	Nat Gas	FO2	1968
Morgan City City of Morgan City (St Mary)	1	6.0	5.8	5.8	ST	Nat Gas	FO2	1963
	2	6.0	5.8	5.8	ST	Nat Gas	FO2	1963
	3	20.8	19.8	19.8	ST	Nat Gas	FO2	1970
	4	37.5	36.0	36.0	ST	Nat Gas	FO2	1970
Natchitoches City of Natchitoches (Natchitoches)	10	25.5	25.5	25.5	ST	Nat Gas	FO2	1972
	2	10.0	10.0	10.0	IC	Nat Gas	FO2	1942
	8	6.0	6.0	6.0	ST	Nat Gas	FO2	1962
	9	11.5	11.5	11.5	ST	Nat Gas	FO2	1966
New Orleans Public Service Inc A B Paterson (Orleans)	3	51.8	56.0	56.0	ST	Nat Gas	FO6	1950
	4	81.3	87.0	87.0	ST	Nat Gas	FO6	1954
	5	16.0	16.0	16.0	GT	FO2		1967
	1	115.2	113.0	113.0	ST	Nat Gas	FO6	1957
	2	238.0	244.0	244.0	ST	Nat Gas	FO6	1962
Michoud (Orleans)	3	582.3	561.0	561.0	ST	Nat Gas	FO6	1967
	1	2.3	2.1	2.3	IC	Nat Gas	FO2	1965
	2	.7	.6	.6	IC	Nat Gas	FO2	1953
New Roads City of New Roads (Pointe Coupee)	3	1.1	1.0	1.1	IC	Nat Gas	FO2	1957
	4	1.7	1.6	1.7	IC	Nat Gas	FO2	1957
	5	1.7	1.6	1.7	IC	Nat Gas	FO2	1951
	6	2.0	1.8	2.0	IC	Nat Gas	FO2	1971
	ST1	13.0	11.5	11.5	ST	Nat Gas		1965
	ST2	26.0	24.5	24.5	ST	Nat Gas		1970
Plaquemine City of Plaquemine (Iberville)	2	20.0	20.0	20.0	ST	Nat Gas		1971
	3	24.0	24.0	24.0	ST	Nat Gas		1976
Rayne City of Rayne (Acadia)	1	.8	.6	.6	IC	Nat Gas	FO2	1948
	3	.5	.4	.4	IC	Nat Gas	FO2	1949
	6	1.1	.6	.6	IC	Nat Gas	FO2	1953
	7	1.1	.6	.6	IC	Nat Gas	FO2	1953
	8	4.1	2.5	2.5	IC	Nat Gas	FO2	1969
	9	4.1	2.5	2.5	IC	Nat Gas	FO2	1969
Ruston City of Ruston (Lincoln)	0900	3.4	3.0	3.0	IC	Nat Gas	FO2	1954
	1	12.6	12.0	12.0	ST	Nat Gas	FO2	1963
	1070	5.0	4.0	4.0	IC	Nat Gas	FO2	1959
	1700	1.2	1.0	1.0	IC	Nat Gas	FO2	1950
	2	26.8	25.0	26.8	ST	Nat Gas	FO2	1968
	3	41.5	40.0	30.0	ST	Nat Gas	FO2	1974
Southwestern Electric Power Co Arsonal Hill (Caddo)	5	125.0	113.0	113.0	ST	Nat Gas		1960
	1	25.0	27.0	27.0	ST	Nat Gas		1947
	2	25.0	29.0	29.0	ST	Nat Gas		1949

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Louisiana</b>								
Southwestern Electric Power Co	3	113.6	111.0	111.0	ST	Nat Gas		1957
	4	113.6	109.0	109.0	ST	Nat Gas	FO6	1950
Torbéonne Parish Consol Gov't Houma (Torbéonne)	10	4.5	3.7	3.7	IC	Nat Gas	FO2	1958
	11	4.5	3.7	3.7	IC	Nat Gas	FO2	1958
	12	4.5	3.4	3.4	IC	Nat Gas	FO2	1958
	14	12.7	10.0	10.0	ST	Nat Gas		1907
	15	25.5	23.5	23.5	ST	Nat Gas		1972
	16	40.8	38.6	38.6	ST	Nat Gas		1976
	6	1.4	1.0	1.0	IC	Nat Gas	FO2	1948
	7	1.4	1.0	1.0	IC	Nat Gas	FO2	1948
	8	1.4	1.0	1.0	IC	Nat Gas	FO2	1948
9	2.8	2.5	2.5	IC	Nat Gas	FO2	1953	
Welsh Town of Welsh (Jefferson Davis)	1	.6	.6	.6	IC	FO2		1960
<b>Maine</b>								
Bangor Hydro-Electric Co Bar Harbor (Hancock)	1	2.0	2.0	2.1	IC	FO2		1961
	2	2.0	2.0	2.1	IC	FO2		1961
	3	2.0	2.0	2.1	IC	FO2		1961
	4	2.0	2.0	2.1	IC	FO2		1961
Eastport (Washington)	1	1.0	.9	1.0	IC	FO2		1948
	2	1.0	.9	1.0	IC	FO2		1949
	3	2.0	2.0	2.1	IC	FO2		1949
Ellsworth (Hancock)	1	2.5	2.4	2.4	HC	Water		1924
	2	2.0	2.0	2.0	HC	Water		1937
	3	2.0	2.0	2.0	HC	Water		1938
	4	2.4	2.5	2.5	HC	Water		1919
Graham Station (Penobscot)	3	11.5	11.7	12.8	ST	FO6		1957
	4	18.8	17.7	18.2	ST	FO6		1964
	5	27.2	27.6	29.0	ST	FO6		1921
	1	.6	.6	.6	HC	Water		1916
	2	.6	.6	.6	HC	Water		1916
Modway (Penobscot)	3	.6	.6	.6	HC	Water		1923
	HC1	.7	.7	.7	HC	Water		1923
	HC2	.7	.7	.7	HC	Water		1925
	HC3	.7	.7	.7	HC	Water		1925
	HC4	.7	.7	.7	HC	Water		1960
	IC1	2.0	2.0	2.1	IC	FO2		1960
	IC2	2.0	2.0	2.1	IC	FO2		1960
	IC3	2.0	2.0	2.1	IC	FO2		1960
	IC4	2.0	2.0	2.1	IC	FO2		1960
	5	.7	.7	.7	HC	Water		1925
Milford (Penobscot)	1	1.0	1.0	1.0	IC	FO2		1949
	2	1.0	1.0	1.0	IC	FO2		1949
	3	1.6	1.6	1.6	HC	Water		1956
	4	1.6	1.6	1.6	HC	Water		1949
	5	1.6	1.6	1.6	HC	Water		1942
	6	1.6	1.6	1.6	HC	Water		1943
Orono (Penobscot)	1	.5	.5	.5	HC	Water		1911
	2	.5	.5	.5	HC	Water		1949
	3	.7	.7	.7	HC	Water		1949
	4	.7	.7	.7	HC	Water		1949
Stillwater (Penobscot)	1	.5	.5	.5	HC	Water		1949
	2	.5	.5	.5	HC	Water		1949
	3	.5	.5	.5	HC	Water		1949
	4	.6	.6	.6	HC	Water		1949
Veazie A (Penobscot)	1	.6	.6	.6	HC	Water		1933
	10	.3	.3	.3	HC	Water		1920
	11	.3	.3	.3	HC	Water		1920
	12	.3	.3	.3	HC	Water		1920

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Maine</b>								
Bangor Hydro-Electric Co								
	13	0.3	0.3	0.3	HC	Water		1920
	14	.3	.3	.3	HC	Water		1920
	15	.6	.6	.6	HC	Water		1914
	2	.3	.3	.3	HC	Water		1920
	3	.3	.3	.3	HC	Water		1920
	4	.3	.3	.3	HC	Water		1920
	5	.3	.3	.3	HC	Water		1920
	6	.3	.3	.3	HC	Water		1920
	7	.3	.3	.3	HC	Water		1920
	8	.3	.3	.3	HC	Water		1920
	9	.3	.3	.3	HC	Water		1920
Voazio B (Penobscot)	16	1.5	1.5	1.5	HC	Water		1920
	17	1.5	1.5	1.5	HC	Water		1938
West Enfield (Penobscot)	1	6.5	6.5	6.5	HC	Water		1938
	2	6.5	6.5	6.5	HC	Water		1988
Central Maine Power Co								
Androscog Mill Lower (Androscoggin)	1	.3	.3	.3	HC	Water		1988
Androscog Mill Upper (Androscoggin)	1	1.1	.7	.7	HC	Water		1988
	2	.8	.6	.6	HC	Water		1988
	3	.5	.5	.5	HC	Water		1988
Androscoggin 3 (Androscoggin)	1	3.8	3.8	3.8	HC	Water		1988
Bar Mills (York)	1	2.0	2.0	2.0	HC	Water		1928
	2	2.0	2.0	2.0	HC	Water		1958
Bates Mill Lower (Androscoggin)	1	.5	.5	.5	HC	Water		1956
Bates Mill Upper (Androscoggin)	1	1.2	.3	.3	HC	Water		1986
	2	1.5	1.1	1.1	HC	Water		1986
	3	1.2	.3	.3	HC	Water		1986
Bonny Eagle (York)	1	1.2	1.6	1.6	HC	Water		1986
	2	1.2	1.7	1.7	HC	Water		1910
	3	1.2	1.1	1.1	HC	Water		1910
	4	1.2	1.7	1.7	HC	Water		1910
	5	1.2	1.8	1.8	HC	Water		1910
	6	1.2	1.5	1.5	HC	Water		1910
Brassua (Somerset)	1	4.0	3.7	3.7	HC	Water		1989
Brunswick (Cumberland)	1	12.6	12.7	12.7	HC	Water		1981
	2	3.5	3.5	3.5	HC	Water		1983
	3	3.5	3.5	3.5	HC	Water		1983
Capo Gas Turbine (Cumberland)	GT4	17.6	16.0	21.4	GT	FO2		1970
	GT5	17.6	17.0	21.3	GT	FO2		1970
Cataract (York)	1	6.7	8.0	8.0	HC	Water		1937
Cataract W Channel (York)	1	.5	.5	.5	HC	Water		1983
	2	.5	.5	.5	HC	Water		1983
Continental Mills (Androscoggin)	1	4	4	4	HC	Water		1920
	2	4	4	4	HC	Water		1920
	3	4	4	4	HC	Water		1920
	5	2	2	2	HC	Water		1920
	6	2	2	2	HC	Water		1920
Deer Rips (Androscoggin)	1	.6	.6	.6	HC	Water		1903
	2	.6	.6	.6	HC	Water		1903
	3	.9	.9	.9	HC	Water		1906
	4	.8	.8	.8	HC	Water		1911
	5	.8	.8	.8	HC	Water		1913
	6	1.8	1.8	1.8	HC	Water		1919
	7	1.0	1.0	1.0	HC	Water		1924
Fort Halifax (Kennebec)	A	.8	.9	.9	HC	Water		1908
	B	.8	.9	.9	HC	Water		1908
Gulf Island (Androscoggin)	1	6.4	8.4	8.4	HC	Water		1926
	2	6.4	7.6	7.6	HC	Water		1920
	3	6.4	7.6	7.6	HC	Water		1926
Harris (Somerset)	1	15.0	17.0	17.0	HC	Water		1954
	2	30.0	35.0	35.0	HC	Water		1954
	3	30.0	34.0	34.0	HC	Water		1955
Mill Mill (Androscoggin)	1	4	4	4	HC	Water		1986
	2	4	4	4	HC	Water		1986

See footnotes at end of table.



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Maine</b>								
Central Maine Power Co	3	0.4	0.4	0.4	HC	Water		1986
	4	.4	.4	.4	HC	Water		1986
	5	.4	.4	.4	HC	Water		1986
	6	.4	.4	.4	HC	Water		1986
Hiram (Oxford)	1	2.4	1.8	1.8	HC	Water		1917
	2	8.5	8.1	8.1	HC	Water		1984
Islesboro Diesel (Waldo)	1	.1	.1	.1	IC	FO <sup>2</sup>		1964
	2	.1	.1	.1	IC	FO <sup>2</sup>		1964
Mason Steam (Lincoln)	1	20.0	19.6	20.0	ST	FO <sup>6</sup>		1941
	2	20.0	19.6	20.0	ST	FO <sup>6</sup>		1947
	3	34.5	32.0	32.0	ST	FO <sup>6</sup>		1952
	4	34.5	32.0	32.0	ST	FO <sup>6</sup>		1952
	5	37.5	33.0	33.0	ST	FO <sup>6</sup>		1955
Mosalonsk 2 (Kennebec)	1	2.8	2.8	2.8	HC	Water		1924
Mosalonsk 3 (Kennebec)	1	1.6	1.7	1.7	HC	Water		1918
Mosalonsk 4 (Kennebec)	1	.8	.8	.8	HC	Water		1924
Mosalonsk 4 (Kennebec)	1	1.5	1.6	1.6	HC	Water		1935
Mosalonsk 5 (Kennebec)	1	1.1	1.0	1.0	HC	Water		1925
North Gorham (Cumberland)	1	1.1	1.0	1.0	HC	Water		1925
	2	1.1	1.0	1.0	HC	Water		1925
Peaks Island Diesel (Cumberland)	1	.2	.3	.3	IC	FO <sup>2</sup>		1940
	3	1.0	1.3	1.4	IC	FO <sup>2</sup>		1948
Shawmut (Somerset)	1	.8	1.0	1.0	HC	Water		1913
	2	.8	1.0	1.0	HC	Water		1913
	3	.8	1.0	1.0	HC	Water		1913
	4	.8	1.0	1.0	HC	Water		1918
	5	.8	1.0	1.0	HC	Water		1913
	6	.9	1.0	1.0	HC	Water		1921
	7	2.0	2.1	2.1	HC	Water		1982
	8	2.0	2.1	2.1	HC	Water		1982
Skellon (York)	1	8.4	10.0	10.0	HC	Water		1948
	2	8.4	10.0	10.0	HC	Water		1948
West Buxton (York)	1	.7	.7	.7	HC	Water		1982
	2	.7	.7	.7	HC	Water		1982
	3	1.1	.9	.9	HC	Water		1920
	4	.8	.8	.8	HC	Water		1907
	5	.8	.8	.8	HC	Water		1904
	6	4.0	3.7	3.7	HC	Water		1927
Weston (Somerset)	1	3.0	3.5	3.5	HC	Water		1921
	2	3.0	3.2	3.2	HC	Water		1920
	3	3.0	3.3	3.3	HC	Water		1921
	4	3.0	3.2	3.2	HC	Water		1923
William F Wyman (Cumberland)	1	50.0	53.5	53.5	ST	FO <sup>6</sup>		1957
	2	50.0	53.5	53.5	ST	FO <sup>6</sup>		1958
	3	113.6	115.9	115.9	ST	FO <sup>6</sup>		1965
	**4	632.4	614.5	619.3	ST	FO <sup>6</sup>		1978
Williams (Somerset)	1	7.0	8.1	8.1	HC	Water		1939
	2	6.0	6.6	6.6	HC	Water		1950
Wyman (Somerset)	1	24.0	27.0	27.0	HC	Water		1930
	2	24.0	28.0	28.0	HC	Water		1931
	3	24.0	27.0	27.0	HC	Water		1940
Eastern Maine Electric Coop								
Portable (Washington)	1	.3	.3	.3	IC	FO <sup>2</sup>		1959
	1	.3	.3	.3	IC	FO <sup>2</sup>		1946
River Street (Washington)	1	.3	.3	.3	IC	FO <sup>2</sup>		1946
	2	.3	.3	.3	IC	FO <sup>2</sup>		1946
	3	.3	.3	.3	IC	FO <sup>2</sup>		1946
	4	.3	.3	.3	IC	FO <sup>2</sup>		1946
	5	1.0	1.0	1.0	IC	FO <sup>2</sup>		1967
Madison Town of Norridgewick (Somerset)	1	.2	.2	.2	HC	Water		1904
	2	.3	.3	.3	HC	Water		1949

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>2</sup>	Energy Source <sup>2</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Maine</b>								
Maine Public Service Co Caribou (Aroostook) .....	HY1	0.4	0.5	0.5	HC	Water		1926
	HY2	.4	.5	.5	HC	Water		1926
	IC2	2.8	2.6	2.6	IC	FO2		1948
	ST2	11.5	14.0	14.0	ST	FO6		1955
	1	7.5	9.0	9.0	ST	FO6		1950
	3	2.8	2.6	2.6	IC	FO2		1948
	4	1.0	1.0	1.0	IC	FO2		1948
	5	1.0	1.0	1.0	IC	FO2		1948
Flos Inn (Aroostook) .....	IC2	2.0	1.4	1.4	IC	FO2		1951
	IC3	2.0	1.4	1.4	IC	FO2		1965
Houlton (Aroostook) .....	1	2.0	1.4	1.4	IC	FO2		1973
Squa Pan (Aroostook) .....	1	1.0	1.0	1.0	IC	FO2		1959
	1	1.5	1.4	1.4	HC	Water		1941
Maine Yankee Atomic Power Co Maine Yankee (Lincoln) .....	1	890.0	860.0	870.0	NP	Uranium		1972
Matinicus Plantation Elec Co Matinicus (Knox) .....	1	.1	.1	.1	IC	FO1		1983
	2	.1	.1	.1	IC	FO1		1983
	3	.1	.1	.1	IC	FO1		1983
	4	.2	.2	.2	IC	FO1		1977
Public Service Co of NH Swans Falls (Oxford) .....	1	1.0	1.0	1.0	IC	FO2		1948
	2	1.0	1.0	1.0	IC	FO2		1948
	3	1.0	1.0	1.0	IC	FO2		1952
Swans Island Electric Coop Inc Minturn (Hancock) .....	1	.1	.1	.1	IC	FO2		1950
	2	.1	.1	.1	IC	FO2		1950
	3	.2	.2	.2	IC	FO2		1964

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Maryland</b>								
A & N Electric Coop Smith (Somerset)	1	0.3	0.3	0.3	IC	FO2		1955
	2	.5	.5	.5	IC	FO2		1969
Baltimore Gas & Electric Co Brandon Shores (Anne Arundel)	1	685.1	640.0	670.0	ST	BIT		1984
	GT1	16.0	14.0	17.0	GT	FO2		1967
C P Crane (Baltimore)	1	190.4	188.0	189.0	ST	BIT		1961
	2	209.4	188.0	189.0	ST	BIT		1962
Calvert Cliffs (Calvert)	1	918.0	825.0	860.0	NP	Uranium		1974
	2	910.7	825.0	860.0	NP	Uranium		1976
Gould Street (Baltimore City)	3	103.5	103.0	104.0	ST	FO6		1952
	GT1	16.0	14.0	17.0	GT	FO2		1967
Herbert A Wagner (Anne Arundel)	1	132.8	137.0	138.0	ST	Nat Gas	FO6	1955
	2	136.0	134.0	135.0	ST	BIT		1958
	3	359.0	319.0	321.0	ST	BIT		1966
	4	414.7	365.0	400.0	ST	FO6		1972
Notch Cliff (Baltimore)	GT1	18.0	16.0	17.0	GT	Nat Gas		1969
	GT2	18.0	16.0	17.0	GT	Nat Gas		1969
	GT3	18.0	16.0	17.0	GT	Nat Gas		1969
	GT4	18.0	16.0	17.0	GT	Nat Gas		1969
	GT5	18.0	16.0	17.0	GT	Nat Gas		1969
	GT6	18.0	16.0	17.0	GT	Nat Gas		1969
	GT7	18.0	16.0	17.0	GT	Nat Gas		1969
	GT8	18.0	16.0	17.0	GT	Nat Gas		1969
Porryman (Harford)	GT1	53.1	51.0	60.0	GT	FO2		1971
	GT2	53.1	51.0	60.0	GT	FO2		1971
	GT3	53.1	51.0	60.0	GT	FO2		1972
	GT4	53.1	51.0	60.0	GT	FO2		1971
Philadelphia Road (Baltimore City)	GT1	20.7	16.0	17.0	GT	FO2		1970
	GT2	20.7	16.0	17.0	GT	FO2		1970
	GT3	20.7	16.0	17.0	GT	FO2		1970
	4	20.7	16.0	17.0	GT	FO2		1970
Riverside (Baltimore)	GT6	121.5	129.0	133.0	JE	Nat Gas	KER	1970
	GT7	25.0	22.0	25.0	GT	FO2		1970
	1	60.0	58.0	59.0	ST	FO6		1942
	2	60.0	59.0	60.0	ST	FO6		1944
	3	60.0	61.0	62.0	ST	FO6		1948
	4	72.3	78.0	79.0	ST	FO6	Nat Gas	1951
	5	81.3	76.0	77.0	ST	FO6		1953
	8	25.0	22.0	25.0	GT	FO2		1970
Westport (Baltimore City)	GT5	121.5	118.0	132.0	JE	Nat Gas		1968
	3	60.0	58.0	59.0	ST	FO6		1941
	4	69.0	68.0	69.0	ST	FO6		1950
Berlin City of Berlin (Worcester)	1	.3	.3	.3	IC	FO2		1939
	2	.6	.6	.6	IC	FO2		1950
	3	.2	.2	.2	IC	FO2		1937
	4	1.1	1.1	1.1	IC	FO2		1961
	5	2.5	2.5	2.5	IC	FO2		1956
Delmarva Power & Light Co Crisfield (Somerset)	1	2.9	2.5	2.5	IC	FO2		1968
	2	2.9	2.5	2.5	IC	FO2		1968
	3	2.9	2.5	2.5	IC	FO2		1968
	4	2.9	2.5	2.5	IC	FO2		1968
Vienna (Dorchester)	10	18.6	13.0	19.0	GT	FO2		1968
	8	162.0	150.0	155.0	ST	FO6		1971
Easton Utilities Comm Easton (Talbot)	10	3.5	3.5	3.5	IC	FO2	Nat Gas	1966
	11	3.8	3.6	3.6	IC	FO2	Nat Gas	1968
	12	4.1	4.1	4.1	IC	Nat Gas	FO2	1970
	13	5.6	5.6	5.6	IC	Nat Gas	FO2	1973
	14	5.6	5.6	5.6	IC	Nat Gas	FO2	1973
	4	.7	.6	.6	IC	FO2		1941

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Maryland</b>								
Easton Utilities Comm								
	5	1.3	0.8	0.8	IC	FO2		
	6	1.4	1.2	1.2	IC	FO2		1947
	7	2.5	2.0	2.0	IC	FO2		1950
	8	2.5	2.0	2.0	IC	Nat Gas	FO2	1954
	9	3.0	2.5	2.5	IC	FO2		1957
Easton 2 (Talbot)	21	6.3	6.3	6.3	IC	FO2		1961
	22	6.3	6.3	6.3	IC	FO2	FO6	1977
	22 <sup>c</sup>	6.3	6.3	6.3	IC	FO2	FO6	1977
	23A	6.3	6.3	6.3	IC	FO2	FO6	1989
Hagerstown City of Hagerstown (Washington)								
	IC4	1.0	1.0	1.0	IC	FO2		
	3	5.0	5.0	5.0	ST	FO6	BIT	1976
	4	5.0	5.0	5.0	ST	FO6	BIT	1942
	5	12.5	12.5	12.5	ST	FO6	BIT	1951
	6	12.5	12.5	12.5	ST	FO6	BIT	1958
Pennsylvania Electric Co Deep Creek (Garrett)								
	1	9.6	9.0	10.0	HC	Water		1925
	2	9.6	9.0	9.0	HC	Water		1925
Philadelphia Electric Co Conowingo (Cecil)								
	1	36.0	26.0	36.0	HC	Water		1928
	10	55.6	57.0	65.0	HC	Water		1964
	11	55.6	57.0	65.0	HC	Water		1964
	2	36.0	26.0	36.0	HC	Water		1928
	3	36.0	26.0	36.0	HC	Water		1928
	4	36.0	26.0	36.0	HC	Water		1928
	5	36.0	26.0	36.0	HC	Water		1928
	6	36.0	26.0	36.0	HC	Water		1928
	7	36.0	26.0	36.0	HC	Water		1928
	8	55.6	57.0	65.0	HC	Water		1928
	9	55.6	57.0	65.0	HC	Water		1964
Potomac Edison Co R P Smith (Washington)								
	3	34.5	27.0	27.0	ST	BIT		1947
	4	75.0	86.0	87.0	ST	BIT		1958
Potomac Electric Power Co Chalk Point (Prince Georges)								
	GT1	16.0	18.0	18.0	GT	FO2		1967
	GT2	35.0	30.0	35.0	GT	FO2		1974
	ST1	364.0	341.0	341.0	ST	BIT	FO6	1964
	ST2	364.0	342.0	343.0	ST	BIT	FO6	1965
	3	659.0	612.0	612.0	ST	FO6	Nat Gas	1975
	4	659.0	612.0	612.0	ST	FO6	Nat Gas	1981
Dickerson (Montgomery)	GT1	16.0	13.0	13.0	GT	Nat Gas	FO6	1981
	ST1	196.0	181.0	181.0	ST	FO2		1967
	2	196.0	181.0	181.0	ST	BIT		1959
	3	196.0	181.0	181.0	ST	BIT		1960
Morgantown (Charles)								
	GT1	18.0	16.0	20.0	GT	FO2		1962
	GT2	18.0	16.0	20.0	GT	FO2		1970
	ST1	626.0	582.0	583.0	ST	BIT	FO6	1971
	ST2	626.0	582.0	583.0	ST	BIT	FO6	1970
	3	65.0	54.0	65.0	ST	BIT		1971
	4	65.0	54.0	65.0	GT	FO2		1973
	5	65.0	54.0	65.0	GT	FO2		1973
	6	65.0	54.0	65.0	GT	FO2		1973
<b>Massachusetts</b>								
Boston Edison Co Edgar (Norfolk)								
	GT1	14.2	12.1	14.1	GT	FO2		1969
	GT2	14.2	10.8	14.3	GT	FO2		1969
Framingham (Middlesex)								
	J1	14.2	11.6	15.0	GT	FO2		1970
	J2	14.2	12.0	15.0	GT	FO2		1969
	J3	14.2	10.6	15.0	GT	FO2		1969

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Massachusetts</b>								
Boston Edison Co								
L Street (Suffolk)	GT1	18.6	17.3	21.7	GT	FO2		1966
Mystic (Middlesex)	J1	14.2	10.0	15.0	GT	FO2		1969
	4	156.3	135.0	135.0	ST	FO6		1957
	5	156.3	135.0	135.0	ST	FO6		1959
	6	156.3	141.2	145.0	ST	FO6		1961
	7	617.0	592.0	592.0	ST	FO6	Nat Gas	1975
New Boston (Suffolk)	1	359.0	380.0	380.0	ST	FO6	Nat Gas	1965
	2	358.7	380.0	380.0	ST	FO6	MF	1967
Pilgrim (Plymouth)	1	678.0	666.6	670.0	NB	Uranium		1972
West Medway (Norfolk)	J1	45.1	35.9	60.6	GT	FO2	Nat Gas	1970
	J2	45.1	44.5	57.7	GT	FO2	Nat Gas	1971
	J3	45.1	43.7	60.0	GT	FO2	Nat Gas	1970
Braintree Town of								
Potter Station 2 (Norfolk)	CC2	76.0	58.0	76.0	CT	FO2		1977
	CC3	20.0	18.0	20.0	CW	WH		1977
	IC1	2.7	2.0	2.0	IC	FO2		1963
	IC2	2.7	2.0	2.0	IC	FO2		1963
Cambridge Electric Light Co								
Blackstone Street (Middlesex)	1	12.5	13.5	16.0	ST	FO6	Nat Gas	1930
	3	2.5	2.5	2.7	ST	FO6	Nat Gas	1930
	4	3.5	2.0	2.5	ST	FO6	Nat Gas	1950
Kendall Square (Middlesex)	GT1	23.3	19.0	24.0	GT	Jet Fuel		1970
	GT2	23.3	19.0	24.0	GT	Jet Fuel		1972
	1	17.3	18.0	19.0	ST	FO6	Nat Gas	1949
	2	23.0	19.0	24.0	ST	FO6	Nat Gas	1951
	3	27.2	26.0	26.4	ST	FO6	Nat Gas	1958
Canal Electric Co								
Airport Diesels (Dukes)	1	1.6	1.6	1.6	IC	FO2		1989
	2	1.6	1.6	1.6	IC	FO2		1989
Canal (Barnstable)	1	542.5	569.0	572.0	ST	FO6		1968
	**2	529.6	580.0	584.0	ST	FO6		1976
Commonwealth Electric Co								
Cannon Street (Bristol)	1	25.0	25.0	25.4	ST	FO6	Nat Gas	1947
	2	38.1	34.0	35.2	ST	FO6	Nat Gas	1950
Oak Bluffs (Dukes)	1	2.8	2.8	2.8	IC	FO2		1969
	2	2.8	2.8	2.8	IC	FO2		1969
	3	2.8	2.8	2.8	IC	FO2		1972
West Tisbury (Dukes)	1	2.8	2.8	2.8	IC	FO2		1975
	2	2.8	2.8	2.8	IC	FO2		1975
Fitchburg Gas & Elec Light Co								
Fitchburg (Worcester)	7	28.0	20.0	28.0	GT	FO2		1972
Holyoke Gas & Electric Co								
Cabot-Holyoko (Hampden)	1	.8	.8	.8	HC	Water		1923
	2	.8	.8	.8	HC	Water		1938
	3	.4	.4	.4	HC	Water		1939
	4	.6	.6	.6	HC	Water		1966
	6	9.4	9.0	9.0	ST	FO6	Nat Gas	1955
	8	9.4	9.0	9.0	ST	FO6	Nat Gas	1951
	9	6.0	4.0	4.0	ST	FO6	Nat Gas	1941
Holyoke Water Power Co								
Beebe Holbrook (Hampden)	1	.3	.4	.2	HC	Water		1947
	2	.3	.4	.2	HC	Water		1948
Boatlock (Hampden)	1	.5	.5	.5	HC	Water		1921
	2	1.2	1.2	1.2	HC	Water		1924
	3	1.2	1.2	1.2	HC	Water		1924
Chemical (Hampden)	1	.8	.1	.2	HC	Water		1935
	2	.8	.1	.2	HC	Water		1935
Hadley Falls (Hampden)	1	15.0	16.4	16.4	HC	Water		1952

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Massachusetts</b>								
Holyoke Water Power Co								
Mount Tom (Hampden) .....	2	15.8	15.1	14.4	HC	Water		1983
Riverside (Hampden) .....	1	136.0	146.0	147.0	ST	BIT		1960
	4	.9	.7	.8	HC	Water		1920
	5	.6	.8	.6	HC	Water		1905
	6	.6	.6	.6	HC	Water		1921
	7	1.6	1.5	1.5	HC	Water		1931
Skinner (Hampden) .....	8	4.0	3.8	3.8	HC	Water		1924
	1	.3	.3	.4	HC	Water		
Hudson Town of								
Cherry Street (Middlesex) .....	10	2.2	2.2	2.2	IC	FO2	Nat Gas	1962
	11	2.2	2.2	2.2	IC	FO2	Nat Gas	1962
	12	5.6	5.6	5.6	IC	FO2	Nat Gas	1972
	7	3.3	3.0	3.0	IC	FO2		1951
	8	4.0	3.6	3.6	IC	FO2	Nat Gas	1956
	9	3.0	3.0	3.0	IC	FO2	Nat Gas	1960
Ipswich Town of								
Ipswich (Essex) .....	1	1.3	1.3	1.3	IC	FO2		1986
	10	1.3	1.3	1.3	IC	Nat Gas	FO2	1984
	11	1.3	1.3	1.3	IC	Nat Gas	FO2	1982
	12	1.3	1.3	1.3	IC	Nat Gas	FO2	1983
	2	1.4	1.4	1.4	IC	Nat Gas	FO2	1954
	3	.7	.7	.7	IC	FO2		1941
	4	.6	.6	.6	IC	FO2		1937
	6	1.1	1.1	1.1	IC	Nat Gas	FO2	1951
	7	1.4	1.4	1.4	IC	FO2		1956
	8	1.3	1.3	1.3	IC	FO2		1960
	9	1.4	1.4	1.4	IC	Nat Gas	FO2	1961
Marblehead City of								
Commercial Street (Essex) .....	2	1.1	1.0	1.0	IC	FO2		1948
Wilkins Station (Essex) .....	1	2.8	2.5	2.5	IC	FO2		1975
	2	2.8	2.5	2.5	IC	FO2		1975
Massachusetts Mun Whls Elec Co								
Story Brook (Hampden) .....	**CT1	255.0	195.0	255.0	CT	FO2	Nat Gas	1981
	**CW1	105.0	100.0	100.0	CW	WH		1981
	1	85.0	65.0	85.0	GT	FO2		1982
	2	85.0	65.0	85.0	GT	FO2		1982
Montaup Electric Co								
Somerset (Bristol) .....	J1	21.2	19.1	22.2	GT	KER		1970
	J2	21.2	19.4	23.4	GT	KER		1971
	1	36.0	38.0	40.0	ST	FO6		1925
	2	35.0	37.0	43.0	ST	FO6		1928
	3	20.0	20.0	22.0	ST	FO6		1942
	4	35.0	35.0	43.0	ST	FO6		1947
	5	73.7	68.5	69.4	ST	BIT	Coal-Oil	1951
	6	100.0	101.7	103.5	ST	BIT	Coal-Oil	1959
Nantucket Electric Co								
Nantucket (Nantucket) .....	1	32.3	32.3	32.3	IC	FO2		1948
New England Power Co								
Boar Swamp (Berkshire) .....	1	300.0	<sup>2</sup> 567.3	<sup>2</sup> 586.0	HR	Water		1974
	2	300.0	2 -	2 -	HR	Water		1967
Brayton Point (Bristol) .....	IC1	2.8	<sup>2</sup> 11.0	<sup>2</sup> 11.3	IC	FO2		1967
	IC2	2.8	2 -	2 -	IC	FO2		1967
	IC3	2.8	2 -	2 -	IC	FO2		1967
	IC4	2.8	2 -	2 -	IC	FO2		1967
	1	241.0	248.5	252.0	ST	BIT	FO6	1963
	2	241.0	250.0	253.3	ST	BIT	FO6	1964
	3	642.6	620.0	621.7	ST	BIT	FO6	1969
	4	475.6	432.0	440.0	ST	FO6		1974

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Massachusetts</b>								
New England Power Co								
Doorfield 2 (Franklin)	1	1.6	2 6.7	2 6.5	HC	Water		1913
	2	1.6	2 ..	2 ..	HC	Water		1913
	3	1.6	1.5	1.5	HC	Water		1913
Doorfield 3 (Franklin)	1	1.6	2 6.5	2 6.5	HC	Water		1912
	2	1.6	2 ..	2 ..	HC	Water		1912
	3	1.6	2 ..	2 ..	HC	Water		1912
Doorfield 4 (Franklin)	1	1.6	2 6.2	2 6.0	HC	Water		1912
	2	1.6	2 ..	2 ..	HC	Water		1912
	3	1.6	2 ..	2 ..	HC	Water		1913
Doorfield 5 (Berkshire)	1	17.6	12.5	14.0	HC	Water		1974
Fife Brook (Berkshire)	1	11.3	9.7	8.5	HC	Water		1974
Gloucester (Essex)	1	2.0	2 27.0	2 28.0	IC	FO2		1963
	10	2.8	2 ..	2 ..	IC	FO2		1971
	11	2.8	2 ..	2 ..	IC	FO2		1971
	2	2.0	2 ..	2 ..	IC	FO2		1963
	3	2.0	2 ..	2 ..	IC	FO2		1964
	4	2.0	2 ..	2 ..	IC	FO2		1964
	5	2.0	2 ..	2 ..	IC	FO2		1964
	6	2.8	2 ..	2 ..	IC	FO2		1967
	7	2.8	2 ..	2 ..	IC	FO2		1967
	8	2.8	2 ..	2 ..	IC	FO2		1967
	9	2.8	2 ..	2 ..	IC	FO2		1967
Newburyport (Essex)	1	2.8	2 11.0	2 11.5	IC	FO2		1970
	2	2.8	2 ..	2 ..	IC	FO2		1970
	3	2.8	2 ..	2 ..	IC	FO2		1970
	4	2.8	2 ..	2 ..	IC	FO2		1970
Salem Harbor (Essex)	1	81.9	83.0	84.0	ST	BIT	FO6	1951
	2	82.0	79.7	80.0	ST	BIT	FO6	1952
	3	165.8	153.0	152.0	ST	BIT	FO6	1958
	4	475.6	446.2	442.5	ST	FO6		1972
Sherman (Franklin)	1	7.2	6.5	6.5	HC	Water		1926
Peabody City of								
Warren Street (Essex)	1	2.4	2.0	2.0	IC	FO2		1948
	2	2.4	2.0	2.0	IC	FO2		1949
	3	2.4	2.0	2.0	IC	FO2		1949
	4	4.4	3.5	3.5	IC	FO2		1966
Waters River (Essex)	1	21.3	14.0	20.0	GT	FO2		1971
Shrewsbury Town of								
Shrewsbury (Worcester)	1	2.8	2.8	2.8	IC	FO2		1969
	2	2.8	2.8	2.8	IC	FO2		1969
	3	2.8	2.8	2.8	IC	FO2		1975
	4	2.8	2.8	2.8	IC	FO2		1975
	5	2.8	2.8	2.8	IC	FO2		1978
Taunton City of								
Cleary Flood (Bristol)	CA9	95.0	87.0	87.0	CA	FO6	Nat Gas	1975
	8	28.3	25.0	25.0	ST	FO6		1966
	9A	23.0	18.0	23.0	CT	Nat Gas	FO6	1976
Western Massachusetts Elec Co								
Cabot (Franklin)	1	8.5	8.8	8.8	HC	Water		1915
	2	8.5	8.8	8.8	HC	Water		1915
	3	8.5	8.8	8.8	HC	Water		1916
	4	8.5	8.8	8.8	HC	Water		1916
	5	8.5	8.8	8.8	HC	Water		1917
	6	8.5	8.8	8.8	HC	Water		1917
Cobble Mountain (Hampden)	1	13.6	14.4	14.0	HC	Water		1930
	2	5.8	6.1	5.9	HC	Water		1930
	3	13.6	14.4	14.0	HC	Water		1930
Doreen (Berkshire)	10	18.6	16.6	21.2	JE	Jet Fuel		1969
Dwight (Hampden)	2	.5	.4	.4	HC	Water		1920
	3	.5	.5	.5	HC	Water		1920
	4	.5	1.4	1.4	HC	Water		1920

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Massachusetts</b>								
Western Massachusetts Elec Co								
Gardners Falls (Franklin)	2	0.4	0.3	0.4	HC	Water		1904
	3	.9	1.0	1.0	HC	Water		1914
	4	.9	.9	.9	HC	Water		1914
Indian Orchard (Hampden)	5	1.3	1.3	1.3	HC	Water		1925
	3	1.5	.4	1.4	HC	Water		1928
	4	2.2	2.1	2.1	HC	Water		1928
Northfield Mountain (Franklin)	**1	211.5	270.0	270.0	HR	Water		1972
	**2	211.5	270.0	270.0	HR	Water		1973
	**3	211.5	270.0	270.0	HR	Water		1973
	**4	211.5	270.0	270.0	HR	Water		1972
Putts Bridge (Hampden)	2	1.6	2.1	2.0	HC	Water		1918
	3	1.6	2.1	2.0	HC	Water		1918
Rod Bridge (Hampden)	3	1.8	2.3	2.0	HC	Water		1934
	4	1.8	2.3	2.0	HC	Water		1926
Silver Lake (Berkshire)	10	18.0	11.3	17.8	GT	FO2		1969
	11	18.0	12.6	17.8	GT	FO2		1969
	12	18.0	14.0	17.8	GT	FO2		1969
	13	17.8	14.0	17.8	GT	FO2		1969
Turners Falls (Franklin)	1	1.4	1.0	1.9	HC	Water		1913
	2	.4	.4	.4	HC	Water		1913
	3	1.3	1.3	1.3	HC	Water		1910
	5	1.3	1.2	1.2	HC	Water		1905
	7	1.3	1.4	1.4	HC	Water		1905
West Springfield (Hampden)	1	46.0	51.0	51.5	ST	FO6		1949
	10	15.6	17.2	22.0	JE	Jot Fuel		1968
	2	50.0	51.0	51.5	ST	FO6		1952
	3	113.6	107.3	108.3	ST	FO6	Nat Gas	1967
	10	18.6	16.6	21.2	JE	Jot Fuel		1969
Yankee Atomic Electric Co								
Yankee Rowe (Franklin)	**1	185.0	167.0	167.0	NP	Uranium	PL	1960
<b>Michigan</b>								
Alpena Power Co								
Four Mile Dam (Alpena)	1	.6	.6	.6	HC	Water		1913
	2	.6	.6	.6	HC	Water		1919
	3	.6	.6	.6	HC	Water		1920
Hilman (Montmorency)	1	.3	.3	.3	HC	Water		1947
Ninth Street Dam (Alpena)	1	.4	.4	.4	HC	Water		1910
	2	.4	.4	.4	HC	Water		1910
	3	.4	.4	.4	HC	Water		1910
Norway Point Dam (Alpena)	1	2.8	2.8	2.8	HC	Water		1924
	2	1.2	1.2	1.2	HC	Water		1924
Clinton Village of Clinton (Lunawee)	1	.5	.5	.5	IC	FO2		1939
	2	.5	.5	.5	IC	FO2		1939
	3	.4	.4	.4	IC	FO2		1955
	4	.4	.4	.4	IC	FO2		1955
	5	.4	.4	.4	IC	FO2		1955
	6	2.0	2.0	2.0	IC	Nat Gas	FO2	1978
Cloverland Electric Coop								
Dafter (Chippewa)	1	1.0	.9	.9	IC	FO2		1955
	2	1.0	.9	.9	IC	FO2		1955
	3	1.0	.9	.9	IC	FO2		1955
	4	3.0	2.5	2.5	IC	FO2		1960
	5	3.0	2.5	2.5	IC	FO2		1960
Detour (Chippewa)	6	3.0	2.5	2.5	IC	FO2		1973
	7	3.0	2.5	2.5	IC	FO2		1976
Coldwater Board of Public Util								
Goldwater (Branch)	IC4	2.5	2.5	2.5	IC	FO2		1974
	IC5	6.0	6.0	6.0	IC	Nat Gas	FO2	1978

See footnotes at end of table



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Michigan</b>								
Coldwater Board of Public Util	ST4	3.0	3.0	3.0	ST	BIT		1940
	ST5	3.0	3.0	3.0	ST	BIT		1962
	1	.8	.8	.8	IC	FO2		1948
	3	3.5	3.5	3.5	IC	Nat Gas	FO2	1969
	6	5.0	5.0	5.0	ST	BIT		1962
Consumers Power Co								
Alcona (Alcona)	1	4.0	4.0	4.0	HC	Water		1923
	2	4.0	4.0	4.0	HC	Water		1935
Allogan Dam (Allogan)	1	.5	.4	.4	HC	Water		1935
	2	.9	.9	.9	HC	Water		1945
	3	1.2	1.2	1.2	HC	Water		1948
B C Cobb (Muskegon)	1	66.0	52.0	52.0	ST	BIT		1948
	2	66.0	52.0	52.0	ST	BIT		1950
	3	66.0	52.0	52.0	ST	BIT		1956
	4	156.3	140.0	140.0	ST	BIT		1957
	5	156.3	140.0	140.0	ST	BIT		1968
B E Morrow (Kalamazoo)	A	17.5	14.8	17.2	GT	Nat Gas		1969
	B	17.5	14.8	17.2	GT	Nat Gas		1962
Big Rock Point (Charlevoix)	1	75.0	67.0	67.0	NB	Uranium		1918
	1	6.7	7.0	7.0	HC	Water		1918
	2	6.7	7.0	7.0	HC	Water		1918
C W Tippy (Manistow)	1	6.7	7.0	7.0	HC	Water		1911
	3	6.7	7.0	7.0	HC	Water		1911
	3	3.0	3.0	3.0	HC	Water		1911
Cooke (Iosco)	1	3.0	3.0	3.0	HC	Water		1911
	2	3.0	3.0	3.0	HC	Water		1911
	3	3.0	3.0	3.0	HC	Water		1911
Croton (Newaygo)	1	3.2	2.9	2.9	HC	Water		1906
	2	3.2	2.9	2.9	HC	Water		1906
	3	1.3	1.3	1.3	HC	Water		1915
	4	1.3	1.3	1.3	HC	Water		1915
Dan E. Karn (Bay)	1	265.0	255.0	255.0	ST	BIT		1959
	2	265.0	260.0	260.0	ST	BIT		1961
	3	605.0	628.0	638.0	ST	FO6		1974
	4	626.3	638.0	638.0	ST	FO6		1977
Five Channels (Iosco)	1	3.0	3.2	3.2	HC	Water		1912
	2	3.0	3.2	3.2	HC	Water		1912
	3	3.0	3.3	3.3	HC	Water		1918
Footn (Iosco)	1	3.0	3.3	3.3	HC	Water		1918
	2	3.0	3.3	3.3	HC	Water		1918
	3	3.0	3.3	3.3	HC	Water		1918
Gaylord (Otsogo)	1	17.5	14.8	17.2	GT	Nat Gas	FO2	1966
	2	17.5	14.8	17.2	GT	Nat Gas	FO2	1966
	3	17.5	14.8	17.2	GT	Nat Gas	FO2	1966
	4	17.5	14.8	17.2	GT	Nat Gas	FO2	1966
	5	20.6	16.0	20.0	GT	Nat Gas	FO2	1968
Hardy (Newaygo)	1	10.0	10.8	10.8	HC	Water		1931
	2	10.0	10.8	10.8	HC	Water		1931
	3	10.0	10.8	10.8	HC	Water		1931
Hordenpyi (Wexford)	1	9.0	9.2	9.2	HC	Water		1925
	2	9.0	9.2	9.2	HC	Water		1925
J C Woodcock (Bay)	A	20.6	16.0	20.0	GT	Nat Gas		1968
	7	156.3	155.0	155.0	ST	BIT		1955
	8	156.3	151.0	151.0	ST	BIT		1958
J H Campbell (Ottawa)	A	20.6	16.0	20.0	GT	FO2		1968
	1	265.0	254.0	255.0	ST	BIT		1962
	2	385.0	355.0	355.0	ST	BIT		1967
	**3	871.0	787.0	787.0	ST	BIT		1980
J R Whiting (Monroe)	A	20.6	16.0	20.0	GT	Jet Fuel		1968
	1	100.0	95.0	95.0	ST	BIT		1952
	2	100.0	95.0	95.0	ST	BIT		1952
	3	125.0	120.0	120.0	ST	BIT		1953
Loud (Iosco)	1	2.0	2.2	2.2	HC	Water		1913
	2	2.0	2.2	2.2	HC	Water		1973
Ludington (Mason)	**1	329.8	312.0	312.0	HR	Water		1972
	**2	329.8	312.0	312.0	HR	Water		1973
	**3	329.8	312.0	312.0	HR	Water		1973

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Michigan</b>								
Consumers Power Co								
	**4	329.8	312.0	312.0	HR	Water		1973
	**6	329.8	312.0	312.0	HR	Water		1973
Mio (Oscoda) .....	**8	329.8	312.0	312.0	HR	Water		1973
	1	2.5	2.2	2.2	HC	Water		1916
Palisades (Van Buren) .....	2	2.5	2.2	2.2	HC	Water		1916
Rogers (Macosta) .....	1	811.7	755.0	780.0	NP	Uranium		1972
	2	1.7	1.5	1.5	HC	Water		1922
	3	1.7	1.5	1.5	HC	Water		1922
	4	1.7	1.5	1.5	HC	Water		1922
Straits (Emmet) .....	1	12.5	20.0	25.8	GT	Nat Gas		1922
Thetford (Genesee) .....	1	37.3	34.5	41.8	GT	Nat Gas		1969
	2	37.3	34.5	41.8	GT	Nat Gas		1970
	3	37.3	34.5	41.8	GT	Nat Gas		1969
	4	37.3	34.5	41.8	GT	Nat Gas		1970
	5	17.6	16.9	19.5	GT	Nat Gas		1970
	6	17.6	16.9	19.5	GT	Nat Gas	FO2	1971
	7	17.6	16.9	19.5	GT	Nat Gas	FO2	1971
	8	17.6	16.9	19.5	GT	Nat Gas	FO2	1971
Webber (Ionia) .....	9	17.6	16.9	19.5	GT	Nat Gas	FO2	1971
	1	2.3	2.3	19.5	GT	Nat Gas	FO2	1971
	2	1.0	1.0	2.3	HC	Water		1907
				1.0	HC	Water		1949
Crystal Falls City of								
Crystal Falls (Iron) .....	1	.3	.3	.3	HC	Water		1914
	2	.3	.3	.3	HC	Water		1924
	3	.4	.4	.4	HC	Water		1954
Detroit City of								
Mistorsky (Wayne) .....	GT1	25.0	26.0	35.0	GT	FO2		1974
	5	44.0	41.0	41.0	ST	FO6		1950
	6	50.0	47.0	47.0	ST	FO6		1958
	7	60.0	58.0	58.0	ST	FO6	Nat Gas	1978
Detroit Edison Co								
Beacon Heating (Wayne) .....	25	20.0	18.0	18.0	ST	Nat Gas	FO2	1959
Belle River (St Clair) .....	IC1	2.8	3.0	3.0	IC	FO2		1981
	IC2	2.8	2.0	2.0	IC	FO2		1981
	**ST1	697.5	635.0	635.0	ST	SUB		1984
	**ST2	697.5	645.0	645.0	ST	SUB		1985
	3	2.8	3.0	3.0	IC	FO2		1981
	4	2.8	3.0	3.0	IC	FO2		1981
Collax (Livingston) .....	5	2.5	3.0	3.0	IC	FO2		1981
	1	2.8	2.0	2.0	IC	FO2		1969
	2	2.8	3.0	3.0	IC	FO2		1969
	3	2.8	3.0	3.0	IC	FO2		1969
	4	2.8	3.0	3.0	IC	FO2		1969
	5	2.8	3.0	3.0	IC	FO2		1969
Connors Creek (Wayne) .....	1	2.8	2.0	2.0	IC	FO2		1969
	12	60.0	60.0	60.0	IC	FO2		1971
	15	135.0	150.0	150.0	ST	FO2	Nat Gas	1939
	16	135.0	150.0	150.0	ST	BIT		1951
Dayton (Wayne) .....	2	2.8	3.0	3.0	ST	BIT		1951
	1	2.0	2.0	2.0	IC	FO2		1971
	2	2.0	2.0	2.0	IC	FO2		1966
	3	2.0	2.0	2.0	IC	FO2		1966
	4	2.0	2.0	2.0	IC	FO2		1966
	5	2.0	2.0	2.0	IC	FO2		1966
Formi (Monroe) .....	GT1	16.0	13.0	19.0	IC	FO2		1936
	GT2	16.0	13.0	19.0	GT	FO2		1966
	**2	1,154.0	1,093.0	1,093.0	GT	FO2		1966
	3	16.0	13.0	19.0	NB	Uranium		1985
	4	16.0	12.0	18.0	GT	FO2		1966
Greenwood (St Clair) .....	1	815.4	785.0	785.0	GT	FO2		1966
Hancock (Oakland) .....	1	19.0	11.0	18.0	ST	FO6		1979
					GT	Nat Gas		1967

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Michigan</b>								
Detroit Edison Co	2	19.0	18.0	24.0	GT	Nat Gas		1967
	3	19.0	17.0	22.0	GT	Nat Gas		1967
	4	19.0	17.0	22.0	GT	Nat Gas		1969
	5	41.9	38.0	48.0	GT	Nat Gas		1970
	6	41.9	40.0	49.0	GT	Nat Gas		1966
	IC1	2.0	2.0	2.0	IC	FO2		1967
Harbor Beach (Huron)	IC2	2.0	2.0	2.0	IC	FO2		1967
	1	121.0	103.0	103.0	ST	BIT		1988
Marysville (St Clair)	6	50.0	33.0	33.0	ST	BIT		1930
	7	75.0	83.0	83.0	ST	JF <sup>2</sup>		1943
	8	75.0	83.0	83.0	ST	BIT		1947
	IC1	2.8	2.0	2.0	IC	FO2		1969
Monroe (Monroe)	IC2	2.8	3.0	3.0	IC	FO2		1969
	IC3	2.8	3.0	3.0	IC	FO2		1969
	IC4	2.8	3.0	3.0	IC	FO2		1969
	IC5	2.8	3.0	3.0	IC	FO2		1969
	1	817.2	750.0	750.0	ST	BIT		1971
Northeast (Macomb)	2	822.6	750.0	750.0	ST	BIT		1972
	3	822.6	750.0	750.0	ST	BIT		1973
	4	817.2	754.3	750.0	ST	BIT		1974
	1	16.0	15.0	20.0	GT	Nat Gas		1967
	2	16.0	15.0	20.0	GT	Nat Gas		1966
	3	16.0	14.0	20.0	GT	Nat Gas		1966
	4	16.0	14.0	20.0	GT	Nat Gas		1966
	5	23.4	18.0	24.0	GT	Nat Gas	FO2	1971
Oliver (Huron)	6	21.3	19.0	23.0	GT	FO2		1971
	7	21.3	20.0	23.0	GT	FO2		1971
	1	2.8	2.0	2.0	IC	FO2		1969
	2	2.8	3.0	3.0	IC	FO2		1969
	3	2.8	3.0	3.0	IC	FO2		1969
	4	2.8	3.0	3.0	IC	FO2		1969
	5	2.8	3.0	3.0	IC	FO2		1969
Placid 12 (Oakland)	1	2.8	2.0	2.0	IC	FO2		1970
	2	2.8	3.0	3.0	IC	FO2		1970
	3	2.8	3.0	3.0	IC	FO2		1970
	4	2.8	3.0	3.0	IC	FO2		1970
	5	2.8	3.0	3.0	IC	FO2		1970
Putnam (Tuscola)	1	2.8	2.0	2.0	IC	FO2		1971
	2	2.8	3.0	3.0	IC	FO2		1971
	3	2.8	3.0	3.0	IC	FO2		1971
	4	2.8	3.0	3.0	IC	FO2		1971
	5	2.8	3.0	3.0	IC	FO2		1971
River Rouge (Wayne)	IC1	2.8	2.0	2.0	IC	FO2		1967
	IC2	2.8	3.0	3.0	IC	FO2		1967
	IC3	2.8	3.0	3.0	IC	FO2		1967
	IC4	2.8	3.0	3.0	IC	FO2		1967
St Clair (St Clair)	1	282.6	265.3	270.8	ST	FO6	BFG	1956
	2	292.5	235.0	244.0	ST	BIT	FO6	1957
	3	358.1	264.0	272.0	ST	BIT	FO6	1958
	1	2.8	2.0	2.0	IC	FO2		1968
	2	2.8	3.0	3.0	IC	FO2		1968
Stocum (Wayne)	3	2.8	3.0	3.0	IC	FO2		1968
	4	2.8	3.0	3.0	IC	FO2		1968
	5	2.8	3.0	3.0	IC	FO2		1968
	1	168.8	163.0	163.0	ST	BIT	FO6	1953
	11	18.6	19.0	23.0	GT	FO2	Nat Gas	1968
Superior (Washtenaw)	12A	2.8	2.0	2.0	IC	FO2		1970
	12B	2.8	3.0	3.0	IC	FO2		1970
	2	156.3	162.0	162.0	ST	BIT	FO6	1953
	3	156.3	163.0	163.0	ST	BIT	FO6	1954
	4	168.8	164.0	164.0	ST	BIT	FO6	1954
	5	357.8	334.5	341.5	ST	FO6		1959
	6	352.8	294.0	294.0	ST	BIT		1961
7	544.5	435.0	435.0	ST	BIT		1969	
1	16.0	13.0	19.0	GT	FO2		1966	

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Michigan</b>								
Detroit Edison Co								
	2	10.0	13.0	19.0	GT	FO2		1980
	3	10.0	12.0	18.0	GT	FO2		1980
	4	10.0	14.0	20.0	GT	FO2		1980
Tronton Channel (Wayne)	7	120.0	132.0	132.0	ST	BIT		1949
	8	120.0	111.0	111.0	ST	BIT		1950
Wilmot (Tuscola)	9	535.5	500.0	500.0	ST	BIT		1967
	1	2.8	2.0	2.0	IC	FO2		1969
	2	2.8	3.0	3.0	IC	FO2		1969
	3	2.8	3.0	3.0	IC	FO2		1969
	4	2.8	3.0	3.0	IC	FO2		1969
	5	2.8	3.0	3.0	IC	FO2		1969
Dowagiac City of Dowagiac (Cass)								
	1	1.1	1.0	1.0	IC	Nat Gas	FO2	1982
	2	.8	.4	.4	IC	FO2		1945
	4	1.1	.9	.9	IC	FO2		1941
	5	1.1	.9	.9	IC	FO2		1949
Edison Sault Electric Co Edison Sault (Chippewa)								
	10	.6	.4	.4	HC	Water		1963
	11	.6	.4	.4	HC	Water		1963
	12	.6	.4	.4	HC	Water		1963
	13	.6	.4	.4	HC	Water		1963
	14	.6	.4	.4	HC	Water		1963
	15	.6	.4	.4	HC	Water		1963
	16	.6	.4	.4	HC	Water		1963
	17	.6	.4	.4	HC	Water		1963
	18	.6	.4	.4	HC	Water		1963
	19	.6	.4	.4	HC	Water		1963
	20	.6	.4	.4	HC	Water		1963
	21	.6	.4	.4	HC	Water		1963
	22	.6	.4	.4	HC	Water		1963
	23	.6	.4	.4	HC	Water		1963
	24	.6	.4	.4	HC	Water		1963
	25	.6	.4	.4	HC	Water		1963
	26	.6	.4	.4	HC	Water		1963
	27	.6	.4	.4	HC	Water		1963
	28	.6	.4	.4	HC	Water		1963
	29	.6	.4	.4	HC	Water		1963
	30	.6	.4	.4	HC	Water		1963
	31	.6	.4	.4	HC	Water		1963
	32	.6	.4	.4	HC	Water		1963
	33	.6	.4	.4	HC	Water		1963
	34	.6	.4	.4	HC	Water		1963
	35	.6	.4	.4	HC	Water		1963
	36	.6	.4	.4	HC	Water		1963
	37	.6	.4	.4	HC	Water		1963
	38	.6	.4	.4	HC	Water		1963
	39	.6	.4	.4	HC	Water		1963
	40	.6	.4	.4	HC	Water		1963
	41	.4	.3	.3	HC	Water		1963
	42	.4	.3	.3	HC	Water		1901
	44	.5	.4	.4	HC	Water		1916
	45	.5	.4	.4	HC	Water		1916
	46	.6	.4	.4	HC	Water		1963
	47	.6	.4	.4	HC	Water		1963
	48	.6	.4	.4	HC	Water		1963
	49	.6	.4	.4	HC	Water		1963
	5	.6	.4	.4	HC	Water		1963
	50	.6	.4	.4	HC	Water		1963
	51	.6	.4	.4	HC	Water		1963
	52	.6	.4	.4	HC	Water		1963
	53	.6	.4	.4	HC	Water		1963
	54	.6	.4	.4	HC	Water		1963
	55	.6	.4	.4	HC	Water		1963

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Michigan</b>									
Edison Sault Electric Co	56	0.0	0.4	0.4	HC	Water		1963	
	57	0	4	4	HC	Water		1963	
	58	0	4	4	HC	Water		1963	
	59	6	4	4	HC	Water		1963	
	6	6	4	4	HC	Water		1963	
	60	6	4	4	HC	Water		1963	
	61	6	4	4	HC	Water		1916	
	62	5	4	4	HC	Water		1916	
	63	5	4	4	HC	Water		1916	
	64	5	4	4	HC	Water		1916	
	65	5	4	4	HC	Water		1916	
	66	5	4	4	HC	Water		1916	
	67	5	4	4	HC	Water		1916	
	68	5	4	4	HC	Water		1916	
	69	5	4	4	HC	Water		1963	
	7	6	4	4	HC	Water		1916	
	70	5	4	4	HC	Water		1916	
	71	5	4	4	HC	Water		1916	
	72	5	4	4	HC	Water		1916	
	73	5	4	4	HC	Water		1916	
	74	5	4	4	HC	Water		1916	
	75	5	4	4	HC	Water		1916	
	76	5	4	4	HC	Water		1916	
	77	5	4	4	HC	Water		1916	
	78	5	4	4	HC	Water		1916	
	79	5	4	4	HC	Water		1963	
	8	6	4	4	HC	Water		1916	
	80	5	4	4	HC	Water		1963	
	9	6	4	4	HC	Water		1960	
	Manistique (Schoolcraft)	1	2.0	2.0	2.0	IC	FO2		1972
		2	2.8	2.8	2.8	IC	FO2		1953
		8	1.4	1.4	1.4	IC	FO2		1955
	St Ignace (Mackinac)	9	1.5	1.5	1.5	IC	FO2		1955
Grand Haven City of Diesel Plant (Ottawa)	1	7.0	6.0	6.0	IC	FO2	Nat Gas	1974	
	2	2.7	2.2	2.2	IC	FO5		1942	
	5	3.0	2.5	2.5	IC	FO2		1954	
	6	2.7	2.2	2.2	IC	FO2	Nat Gas	1948	
	7	5.5	4.5	4.5	IC	FO5		1952	
	8	1.0	.8	.8	IC	FO2		1951	
	9	1.0	.8	.8	IC	FO2		1951	
	J. B. Sims (Ottawa)	1	7.5	10.0	10.0	ST	BFI		1961
		2	7.5	10.0	10.0	ST	BFI		1961
3		65.0	58.0	58.0	ST	BFI		1983	
Hart Hydro City of Hart (Oceana)	IC1	1.1	1.1	1.1	IC	FO2	Nat Gas	1985	
	IC3	1.4	1.4	1.4	IC	FO2	Nat Gas	1985	
	2	.6	.6	.6	IC	FO2		1938	
	4	1.7	1.7	1.7	IC	Nat Gas	FO2	1964	
	1	2	2	2	HC	Water		1926	
Hart Hydro (Oceana)	2	2	2	2	HC	Water		1926	
Hillsdale City of Hillsdale (Hillsdale)	2	2.7	1.9	1.9	IC	FO2		1947	
	3	3.5	2.5	2.5	IC	Nat Gas	FO2	1954	
	4	4.2	3.8	3.8	IC	Nat Gas	FO2	1960	
	5	5.6	5.6	5.6	IC	Nat Gas	FO2	1973	
	6	6.0	6.0	6.0	IC	Nat Gas	FO2	1976	
Holland City of James Do Young (Ottawa)	3	11.5	10.5	10.5	ST	BFI		1951	
	4	22.0	20.5	20.5	ST	BFI	Nat Gas	1962	

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Michigan</b>								
Holland City of								
Sixth Street (Ottawa)	5	28.0	27.0	27.0	SI	BI		1909
	1	24.0	20.0	24.0	CI	FO2		1974
Indiana Michigan Power Co								
Botton Springs (Borron)	1	1.0	2.0	2.0	HC	Water		1908
	2	1.0	2	2	HC	Water		1918
	3	1.0	2	2	HC	Water		1908
	4	1.0	2	2	HC	Water		1908
Buchanan (Borron)	1	4	2.0	2.0	HC	Water		1908
	10	5	2	2	HC	Water		1919
	2	4	2	2	HC	Water		1927
	3	4	2	2	HC	Water		1919
	4	4	2	2	HC	Water		1920
	5	4	2	2	HC	Water		1920
	6	4	2	2	HC	Water		1920
	7	5	2	2	HC	Water		1920
	8	5	2	2	HC	Water		1927
Donald C Cook (Borron)	9	5	2	2	HC	Water		1927
	1	1152.0	1030.0	1030.0	NP	Uranium		1927
2	1133.3	1100.0	1100.0	NP	Uranium		1975	
Lansing City of								
Eckert Station (Ingham)								
	1	50.0	42.3	44.0	SI	BI		1954
	2	48.0	42.2	44.5	SI	BI		1958
	3	50.0	42.5	44.1	SI	BI		1960
	4	75.0	71.0	73.5	SI	BI		1964
	5	75.0	69.0	73.0	SI	BI		1968
	6	75.0	71.8	72.4	SI	BI		1970
Erickson (Lalon)	1	162.0	153.2	154.1	SI	BI		1972
Moore's Park (Ingham)								
	HC2	5	5	5	HC	Water		1907
	1	5	5	5	HC	Water		1907
North Lansing (Ingham)	1	2	2	2	HC	Water		1930
Ottawa Street (Ingham)	3	25.0	27.0	27.0	SI	BI		1951
	4	2.5	1.5	2.5	SI	BI		1939
Lowell City of								
Lowell (Kent)								
	3	9	8	9	IC	FO2		1941
	4	1.5	1.3	1.4	IC	FO2		1947
	5	1.1	1.0	1.1	IC	Nat Gas	FO2	1965
	6	1.1	1.0	1.1	IC	Nat Gas	FO2	1956
	7	1.4	1.2	1.4	IC	Nat Gas	FO2	1973
Marquette City of								
Frank J. Russell (Marquette)								
	1	7	7	7	HC	Water		1924
Plant Four (Marquette)								
	CI1	25.0	23.0	27.0	CI	FO2		1979
Plant Two (Marquette)								
	1	1.9	1.9	1.9	HC	Water		1919
	2	1.9	1.9	1.9	HC	Water		1922
Shiras (Marquette)								
	1	12.5	14.0	14.0	SI	BI		1967
	2	21.0	15.0	15.0	SI	BI		1972
	3	43.7	40.7	40.7	SI	SUB		1982
Marshall City of								
Marshall (Calhoun)								
	IC2	1.1	9	9	IC	FO2	Nat Gas	1953
	IC3	2.1	1.9	1.9	IC	FO2	Nat Gas	1973
	IC4	1.0	7	7	IC	FO2		1942
	IC5	1.7	1.4	1.4	IC	FO2	Nat Gas	1948
	IC6	5.7	5.6	5.6	IC	FO2	Nat Gas	1978
	1	2	2	2	HC	Water		1928
	3	1	1	1	HC	Water		1928
Michigan Power Co								
Constantino (St Joseph)								
	1	3	3	3	HC	Water		1923
	2	3	3	3	HC	Water		1921
	3	3	3	3	HC	Water		1929
	4	3	3	3	HC	Water		1923

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Michigan</b>								
Michigan Power Co Mottville (St Joseph)	1	0.4	0.4	0.4	HC	Water		1923
	2	4	4	4	HC	Water		1923
	3	4	4	4	HC	Water		1923
	4	4	4	4	HC	Water		1923
Michigan South Central Pwr. Auth Endcott Generating (Hillsdale)	1	55.0	50.0	55.0	SI	BFI		1982
Mid State Service Co Middleville (Harry) Irving (Barry)	1	4	3	3	HC	Water		1940
	1	6	5	5	HC	Water		1940
Nowberry City of Nowberry (Lucas)	1	3.1	2.5	2.5	IC	FO2		1974
	2	7	5	5	IC	FO2		1948
	4	1.8	1.5	1.5	IC	FO2		1988
Niles City of Niles (Huron)	1	5	5	5	HC	Water		1978
Northern States Power Co Superior Falls (Geoplc)	1	7	1.0	1.0	HC	Water		1917
	2	7	1.0	1.0	HC	Water		1917
Norway City of Norway (Dickinson)	1	2.0	1.5	1.5	HC	Water		1905
	2	1.2	1.2	1.2	HC	Water		1905
	3	7	7	7	HC	Water		1986
	4	8	7	7	HC	Water		1986
Portland City of Frank Jenkins (Ionia)	3	3	2	3	IC	FO2		1935
	4	8	8	8	IC	FO2		1950
	1	1	1	1	HC	Water		1930
Portland (Ionia)	2	3	3	3	HC	Water		1930
Sebewaing City of Main Street (Huron)	1	1.0	9	1.0	IC	Nat Gas	FO2	1961
	2	9	8	9	IC	FO2		1947
	3	11	11	11	IC	Nat Gas	FO2	1966
	4	14	13	13	IC	Nat Gas	FO2	1966
	5	11	11	11	IC	Nat Gas	FO2	1979
	6	7	6	7	IC	Nat Gas	FO2	1967
Pino Street (Huron)	1	11	11	11	IC	Nat Gas	FO2	1969
	2	11	11	11	IC	FO2		1988
	3	11	11	11	IC	FO2		1988
	4	11	11	11	IC	FO2		1988
St Louis City of St Louis (Gratiot)	1	1.4	1.4	1.4	IC	FO2	Nat Gas	1958
	2	7	7	7	IC	FO2		1945
	3	1.0	1.0	1.0	IC	FO2		1951
	4	5	5	5	IC	FO2		1936
	5	2	2	3	HC	Water		1919
	6	2	2	2	HC	Water		1919
Sturgis City of Diesel Plant (St Joseph)	1	1.0	8	8	IC	FO2		1947
	2	1.0	8	8	IC	FO2		1948
	4	1.0	6	6	IC	FO2		1947
	5	1.0	6	6	IC	FO2		1947
	6	6.0	6.0	6.0	IC	Nat Gas	FO2	1981
	1	4	4	4	HC	Water		1911
Hydro Plant (St Joseph)	2	4	4	4	HC	Water		1911

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Michigan</b>								
Sturgis City of	3	0.8	0.8	0.8	HC	Water		
	4	.8	.8	.8	HC	Water		1983
Thumb Electric Coop-Michigan								
Caro (Tuscola)	1	1.3	1.0	1.0	IC	FO2		1949
	2	1.3	1.0	1.0	IC	FO2		1949
	3	1.3	1.0	1.0	IC	FO2		1952
	4	1.5	1.5	1.5	IC	FO2		1984
Uby (Huron)	1	.6	.6	.6	IC	FO2		1938
	2	.7	.6	.6	IC	FO2		1938
	3	.7	.7	.7	IC	FO2		1938
	4	1.0	1.0	1.0	IC	FO2		1947
	5	1.6	1.4	1.6	IC	FO2		1987
Traverse City City of								
Hayside (Grand Traverse)	1	2.5	3.0	3.0	ST	BIT		1946
	2	5.0	6.0	6.0	ST	BIT		1950
	3	7.5	9.0	9.0	ST	Nat Gas		1954
	4	16.5	14.0	14.0	ST	BIT		1968
Boarjman (Grand Traverse)	HC1	1.0	.9	.8	HC	Water		1985
Brown Bridge (Grand Traverse)	1	4	.3	.3	HC	Water		1921
	2	.3	.2	.2	HC	Water		1921
Elk Rapids (Antrim)	1	4	.2	.2	HC	Water		1984
	2	4	.2	.2	HC	Water		1984
Sabin (Grand Traverse)	HC1	.5	.5	.4	HC	Water		1985
Union City City of								
Riley (Branch)	1	.3	.3	.3	HC	Water		1922
	2	.2	.2	.2	HC	Water		1922
Union City (Branch)	1	.3	.3	.3	IC	FO2		1941
	2	.3	.3	.3	IC	FO2		1941
	3	.3	.3	.3	IC	FO2		1941
Upper Peninsula Power Co								
AuTrain (Alger)	1	.5	.5	.5	HC	Water		1988
	2	.5	.6	.6	HC	Water		1988
Cataract (Marquette)	1	2.0	1.5	1.5	HC	Water		1988
Escanaba (Dolta)	1	11.5	12.7	12.7	ST	BIT		1958
	2	11.5	12.7	12.7	ST	BIT		1958
Gladstone (Dolta)	1	22.6	23.8	27.5	GT	FO2		1975
Hoist (Marquette)	1	1.0	1.0	1.0	HC	Water		1988
	2	1.4	1.5	1.5	HC	Water		1988
	3	2.0	1.8	1.8	HC	Water		1988
John H Warden (Baraga)	1	18.8	17.7	17.7	ST	BIT		1950
McClure (Marquette)	1	4.0	4.3	4.3	HC	Water		1988
	2	4.0	4.4	4.4	HC	Water		1988
Portage (Houghton)	1	22.6	23.8	27.5	GT	FO2		1973
Prickett (Baraga)	1	1.1	1.1	1.1	HC	Water		1931
	2	1.1	1.1	1.1	HC	Water		1931
Victoria (Ontonagon)	1	6.0	6.2	6.2	HC	Water		1930
	2	6.0	6.2	6.2	HC	Water		1930
USCE-Detroit District								
Saint Marys Falls (Chippewa)	1	4.8	5.3	5.3	HC	Water		1951
	10	2.0	2.0	2.0	HC	Water		1932
	2	4.8	5.3	5.3	HC	Water		1951
	3	4.8	5.3	5.3	HC	Water		1951
	3A	2.0	2.0	2.0	HC	Water		1953
Wisconsin Electric Power Co								
Big Quinnesec 61 (Dickinson)	4	1.8	0	0	HC	Water		1914
	5	1.8	0	0	HC	Water		1914
Big Quinnesec 92 (Dickinson)	1	8.0	14.0	16.0	HC	Water		1949
	2	8.0	0	0	HC	Water		1949
Brule (Iron)	1	1.3	3.5	4.0	HC	Water		1919

See footnotes at end of table



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Michigan</b>									
Wisconsin Electric Power Co  Chalk Hill (Menominee) .....	2	2.0	2	2	HC	Water		1919	
	3	2.0	2	2	HC	Water		1921	
	1	2.6	<sup>2</sup> 6.0	<sup>2</sup> 4.1	HC	Water		1927	
	2	2.6	2	2	HC	Water		1927	
	3	2.6	2	2	HC	Water		1927	
	1	2.8	2.4	2.5	HC	Water		1953	
	1	2.4	<sup>2</sup> 5.2	<sup>2</sup> 5.2	HC	Water		1924	
	2	2.4	2	2	HC	Water		1924	
	3	2.4	2	2	HC	Water		1924	
	1	.1	.1	.1	HC	Water		1952	
	1	4.8	<sup>2</sup> 8.8	<sup>2</sup> 8.8	HC	Water		1953	
	2	4.8	2	2	HC	Water		1953	
	1	6.0	<sup>2</sup> 15.0	<sup>2</sup> 16.0	HC	Water		1943	
	2	6.0	2	2	HC	Water		1943	
	Presque Isle (Marquette) .....	1	25.0	25.0	25.0	ST	BIT		1962
2		37.5	37.0	37.0	ST	BIT		1963	
3		54.4	58.0	58.0	ST	BIT		1966	
4		57.8	57.0	57.0	ST	BIT		1974	
5		90.0	84.0	84.0	ST	BIT		1975	
6		90.0	85.0	85.0	ST	BIT		1978	
7		90.0	83.0	83.0	ST	SUB		1978	
8		90.0	83.0	83.0	ST	SUB		1978	
9		90.0	84.0	84.0	ST	SUB		1979	
1	.8	.8	.8	HC	Water		1923		
Sturgeon (Dickinson) .....	1	1.2	<sup>2</sup> 3.9	<sup>2</sup> 5.6	HC	Water		1913	
	2	1.2	2	2	HC	Water		1913	
	3	1.2	2	2	HC	Water		1913	
	4	1.2	2	2	HC	Water		1916	
	5	1.2	2	2	HC	Water		1916	
Way (Iron) .....	1	1.8	1.4	1.4	HC	Water		1949	
	1	3.0	<sup>2</sup> 7.6	<sup>2</sup> 7.2	HC	Water		1927	
	2	2.0	2	2	HC	Water		1927	
White Rapids (Menominee) .....	3	3.0	2	2	HC	Water		1927	
	1	1.1	1.1	1.1	HC	Water		1910	
	2	1.1	1.1	1.1	HC	Water		1910	
Wisconsin Public Service Corp Grand Rapids (Menominee) .....	3	1.5	1.5	1.5	HC	Water		1912	
	4	1.4	1.4	1.4	HC	Water		1918	
	5	1.9	1.9	1.9	HC	Water		1923	
	1	2.4	2.6	2.7	HC	Water		1925	
	2	2.4	2.6	2.7	HC	Water		1925	
Sanford (Midland) .....	1	1.1	1.0	1.0	HC	Water		1925	
	2	1.1	1.0	1.0	HC	Water		1925	
	3	1.1	1.0	1.0	HC	Water		1925	
Secord (Gladwin) .....	1	1.2	1.3	1.3	HC	Water		1925	
Smallwood (Gladwin) .....	1	1.2	1.1	1.1	HC	Water		1925	
Wolverine Pwr Supply Coop Inc Advance (Charlevoix) .....	1	7.5	7.5	7.5	ST	BIT		1953	
	2	7.5	7.5	7.5	ST	BIT		1953	
	3	22.0	23.0	24.0	ST	BIT		1966	
	Beaver Island (Charlevoix) .....	IC7	.5	.5	.5	IC	FO2		1984
		3	1	1	1	IC	FO2		1950
		4	1	1	1	IC	FO2		1960
		5	2	2	2	IC	FO2		1967
	6	4	4	4	IC	FO2		1982	
	C A Winder (Ionia) .....	1	1.0	1.0	1.0	IC	FO2		1950
		2	1.1	1.0	1.0	IC	FO2		1946
3		1.0	1.0	1.0	IC	FO2		1941	
4		.5	.5	.5	IC	FO2		1941	
5	.5	.5	.5	IC	FO2		1941		
Claude Vandyke (Allegan) .....	2	.4	.3	.3	IC	Nat Gas	FO2	1947	

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Michigan</b>								
Wolverine Pwr Supply Coop Inc								
	4	0.6	0.6	0.6	IC	Nat Gas	FO2	1950
	5	3.5	3.0	3.5	IC	Nat Gas	FO2	1959
George Johnson (Osceola) .....	6	23.0	22.0	25.0	CS	Nat Gas	FO2	1967
	1	.7	.6	.7	IC	FO2		1947
	2	.7	.6	.7	IC	FO2		1948
	3	1.1	1.0	1.1	IC	FO2		1949
	4	2.5	2.3	2.5	IC	FO2		1951
	5	2.5	2.3	2.5	IC	FO2		1951
	6	2.5	2.3	2.5	IC	FO2		1952
	7	11.0	10.0	12.0	GT	FO2		1973
Kleber (Cheboygan) .....	8	11.0	10.0	12.0	GT	FO2		1973
	1	.6	.6	.6	HC	Water		1949
Scottville (Mason) .....	2	.6	.6	.6	HC	Water		1949
	1	.3	.3	.3	IC	FO2		1941
	2	.3	.3	.3	IC	FO2		1941
	3	.3	.3	.3	IC	FO2		1941
	4	1.1	1.1	1.1	IC	FO2		1947
	5	1.1	1.1	1.1	IC	FO2		1947
Tower (Cheboygan) .....	6	1.9	1.8	1.9	IC	FO2		1961
	GT4	22.0	18.0	25.0	GT	FO2		1971
Tower (Cheboygan) .....	IC1	1.3	1.2	1.3	IC	FO2		1948
	1	.3	.3	.3	HC	Water		1917
	2	.3	.3	.3	HC	Water		1917
Tower (Cheboygan) .....	2	1.3	1.2	1.3	IC	FO2		1948
	3	1.3	1.2	1.3	IC	FO2		1951
Vestaburg (Montcalm) .....	2	.3	.3	.3	IC	Nat Gas	FO2	1939
	4	.7	.7	.7	IC	Nat Gas	FO2	1939
	5	.7	.7	.7	IC	Nat Gas	FO2	1941
	6	3.0	3.0	3.0	IC	Nat Gas	FO2	1959
	7	3.0	3.0	3.0	IC	Nat Gas	FO2	1960
Wyandotte Municipal Serv Comm								
Wyandotte (Wayne) .....								
	4	11.5	10.5	11.5	ST	BIT	LPG	1948
	5	22.0	20.0	24.0	ST	BIT	LPG	1958
	6	7.5	7.5	7.5	ST	BIT	LPG	1969
	7	32.0	32.0	32.0	ST	BIT	LPG	1986
Zeeland City of								
Zeeland (Ottawa) .....								
	1	1.4	1.4	1.4	IC	Nat Gas	FO2	1966
	10	5.6	5.6	5.6	IC	Nat Gas	FO2	1974
	11	6.0	6.0	6.0	IC	Nat Gas	FO2	1980
	2	1.1	1.1	1.1	IC	Nat Gas	FO2	1967
	5	1.0	1.0	1.0	IC	FO2		1946
	7	2.0	2.0	2.0	IC	Nat Gas	FO2	1957
	8	1.7	1.7	1.7	IC	Nat Gas	FO2	1963
	9	4.5	4.5	4.5	IC	Nat Gas	FO2	1971

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Minnesota</b>								
Adrian Public Utilities Comm								
Adrian (Nobles)	3	0.5	0.4	0.5	IC	FO2		1948
	4	.6	.6	.6	IC	FO2		1954
Atkin Public Utilities Comm								
Atkin (Atkin)	1	.1	.1	.1	IC	FO2		1936
	4	.3	.3	.3	IC	FO2		1930
	5	.8	.7	.7	IC	FO2		1947
	6	1.2	1.0	1.0	IC	FO2		1953
Alexandria City of								
Alexandria (Douglas)	IC1	1.0	1.0	1.0	IC	FO2		1948
	IC2	4.0	3.7	3.7	IC	FO2	Nat Gas	1967
	IC3	4.0	3.7	3.7	IC	FO2	Nat Gas	1967
Austin City of								
Northeast Station (Mower)	1	31.9	29.3	29.3	ST	BH	Nat Gas	1971
Baudette City of								
Baudette (Lake of The Woods)	2	1.1	1.1	1.1	IC	FO2		1960
	3	.2	.2	.2	IC	FO2		1936
	4	.3	.3	.3	IC	FO2		1946
	5	.3	.3	.3	IC	FO2		1950
Benson City of								
Benson (Swift)	3	.3	.3	.3	IC	FO2		1936
	4	.6	.6	.6	IC	FO2		1939
	5	.9	.9	.9	IC	FO2		1948
	6	1.3	1.3	1.3	IC	FO2		1955
Bloomington City of								
Bloomington (Steele)	1	.3	.3	.3	IC	FO2		1937
	2	.7	.7	.7	IC	FO2		1947
	3	1.4	1.4	1.4	IC	FO2		1957
	4	1.2	1.2	1.2	IC	FO2		1974
Blue Earth City of								
Blue Earth (Faribault)	IC1	1.5	1.5	1.5	IC	FO2	Nat Gas	1960
	IC2	3.5	3.5	3.5	IC	FO2	Nat Gas	1969
Buhl City of								
Buhl (St Louis)	IC1	.7	.4	.4	IC	FO2		1955
Coop Power Assn								
Bonifacius (Carver)	1	47.6	47.6	49.9	GT	FO2		1978
Delano City of								
Delano (Wright)	1	1.1	1.1	1.1	IC	FO2		1951
	2	1.1	1.1	1.1	IC	Nat Gas	FO2	1972
	3	1.3	1.4	1.4	IC	Nat Gas	FO2	1973
	4	.3	.3	.3	IC	FO2		1939
	5	.8	.8	.8	IC	FO2		1946
	6	1.3	1.3	1.3	IC	FO2		1989
Detroit Lakes City of								
Detroit Lakes (Becker)	1	12.5	10.0	10.0	GT	FO2		1968
Elk River City of								
Elk River (Sherburne)	1	.6	.6	.6	IC	FO2		1948
	2	.6	.6	.6	IC	FO2		1948
	3	3.0	3.0	3.0	IC	Nat Gas	FO2	1962
	4	5.0	5.0	5.0	IC	Nat Gas	FO2	1972
Fairfax City of								
Fairfax (Hennepin)	1	.9	.9	.9	IC	FO2		1948

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Minnesota</b>								
Fairfax City of	2	0.2	0.2	0.2	IC	FO2		1938
	4	.6	.6	.6	IC	FO2		1940
Fairmont Public Utilities Comm Fairmont (Martin)	3	5.0	5.1	5.1	ST	BIT	Nat Gas	1945
	4	5.0	4.7	4.8	ST	BIT	Nat Gas	1949
	5	12.5	12.2	12.2	ST	BIT	Nat Gas	1950
	6	6.5	6.5	6.5	IC	FO2	Nat Gas	1975
	7	6.5	6.3	6.3	IC	FO2	Nat Gas	1975
Glencoe Light & Power Comm Glencoe (McLeod)	10	7.1	5.7	5.7	IC	FO2		1985
	5	1.4	1.1	1.1	IC	Nat Gas	FO2	1957
	6	1.4	1.1	1.1	IC	Nat Gas	FO2	1961
	7	4.1	3.3	3.3	IC	Nat Gas	FO2	1966
	8	5.6	4.5	4.5	IC	Nat Gas	FO2	1969
	9	7.2	5.7	5.7	IC	Nat Gas	FO2	1973
Grand Marais City of Grand Marais (Cook)	1	6	.6	.6	IC	FO2		1950
	2	7	.7	.7	IC	FO2		1956
	3	3	.2	.2	IC	FO2		1947
	4	1	.1	.1	IC	FO2		1940
	5	1.1	1.1	1.1	IC	FO2		1962
	6	1.2	1.2	1.2	IC	FO2		1969
Granite Falls Town of Granite Falls (Chippewa)	HC3	.7	.7	.7	HC	Water		1986
	1	3	3	3	HC	Water		1940
	2	3	3	3	HC	Water		1932
Halstad City of Halstad (Norman)	1	6	6	.6	IC	FO2		1954
	2	3	3	3	IC	FO2		1939
	3	.2	.2	.2	IC	FO2		1946
Hawley Public Utilities Comm Hawley (Clay)	1	1	1	.1	IC	FO2		1932
	2	7	7	.7	IC	FO2	Nat Gas	1957
	3	1	1	1	IC	FO2		1938
	4	3	3	3	IC	FO2		1946
	5	3	3	3	IC	FO2		1949
Hibbing Public Utilities Comm Hibbing (St Louis)	3	10.0	10.0	10.0	ST	SUB	Nat Gas	1965
	4	1.5	1.5	1.5	ST	SUB	Nat Gas	1941
	5	19.5	19.5	19.5	ST	SUB	Nat Gas	1985
H. Johnson Utilities Comm Plant 1 (McLeod)	2	2.0	1.6	1.8	IC	Nat Gas	FO2	1958
	3	4.0	3.6	4.0	IC	Nat Gas	FO2	1968
	4	4.0	3.6	4.0	IC	Nat Gas	FO2	1968
	5	2.0	1.5	1.8	IC	FO2		1941
	6	2.0	1.5	1.8	IC	FO2		1947
	7	4.5	3.6	4.0	IC	Nat Gas	FO2	1964
	8	16.0	12.0	16.0	CS	Nat Gas	FO2	1971
	1	25.0	22.0	25.0	GT	FO2		1977
Interstate Power Co Fox Lake (Martin)	1	11.5	12.0	12.0	ST	Nat Gas	FO6	1950
	2	11.5	12.0	12.0	ST	Nat Gas	FO6	1951
	3	81.6	84.0	86.0	ST	BIT	Nat Gas	1962
	4	29.6	21.3	26.1	GT	FO2		1974
Hills (Rock)	2	2.0	2.0	2.0	IC	FO2		1960

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Minnesota</b>								
Interstate Power Co Montgomery (Le Sueur) .....	1	29.6	22.2	27.4	GT	FO2		1974
	1	2.0	2.0	2.0	IC	FO2		1961
	1							
Janosville City of Janosville (Wasota) .....	1	1.1	1.0	1.0	IC	Nat Gas	FO2	1965
	2	1.3	1.1	1.2	IC	Nat Gas	FO2	1972
	3	.7	.6	.6	IC	Nat Gas	FO2	1955
Konyon Municipal Utilities Konyon Municipal (Goodhue) .....	1	.5	.4	.4	IC	FO2		1941
	2	.2	.2	.2	IC	FO2		1937
	3	.2	.2	.2	IC	FO2		1932
	4	1.0	.6	.8	IC	FO2		1947
Lake Crystal City of Lake Crystal (Blue Earth) .....	1	.7	.7	.7	IC	Nat Gas	FO2	1957
	3	2.1	2.1	2.1	IC	Nat Gas	FO2	1971
	4	1.3	1.3	1.3	IC	Nat Gas	FO2	1955
Lanesboro Public Utility Comm Lanesboro (Fillmore) .....	2	.3	.2	.2	HC	Water		1923
	3	.4	.4	.4	IC	FO2		1928
	4	.3	.3	.3	IC	FO2		1928
	5	1.0	.9	.9	IC	FO2		1967
Le Sueur City of Le Sueur (Le Sueur) .....	1	.7	.3	.3	IC	FO2	Nat Gas	1937
	4	1.5	1.2	1.2	IC	FO2	Nat Gas	1952
	5	1.5	1.0	1.0	IC	FO2	Nat Gas	1947
Litchfield Public Utility Comm Litchfield (Meeker) .....	IC1	.6	.6	.6	IC	FO2		1934
	IC2	.9	.9	.9	IC	FO2		1939
	ST1	3.0	3.0	1.0	ST	BIT	FO2	1948
	3	1.4	1.4	1.4	IC	FO2		1942
	4	1.0	1.0	1.0	IC	FO2		1947
	5	2.1	2.1	2.1	IC	FO2	Nat Gas	1963
Luverne City of Luverne (Rock) .....	3	3.0	3.0	3.0	ST	Nat Gas	FO2	1951
	4A	.3	.3	.3	IC	FO2		1936
	4B	.6	.6	.6	IC	FO2		1941
	4C	3.5	3.5	3.5	IC	FO2	Nat Gas	1967
Madelia City of Madelia (Watsonwan) .....	2	2.1	1.5	1.6	IC	Nat Gas	FO2	1965
	3	1.1	.9	.9	IC	Nat Gas	FO2	1958
	4	4.3	3.8	3.8	IC	Nat Gas	FO2	1973
	5	1.4	1.1	1.2	IC	Nat Gas	FO2	1954
Madison City of Madison (Lac Qui Parle) .....	IC1	.5	.4	.4	IC	FO2		1938
	2	.5	.4	.4	IC	FO2		1938
Marshall City of Marshall (Lyon) .....	1	.6	.6	.6	IC	FO2		1932
	2	1.0	1.0	1.0	IC	FO2		1938
	3	1.2	1.1	1.1	IC	FO2		1940
	4	1.1	1.0	1.0	IC	FO2		1948
	6	16.5	15.5	19.0	GT	FO2		1969
Melrose Public Utilities Melrose (Stearns) .....	1	1.0	.8	.8	IC	FO2		1945
	2	1.1	.8	.8	IC	FO2		1948

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Minnesota</b>								
Molrose Public Utilities								
	3	3.0	3.0	3.0	IC	FO2		
	4	3.0	3.0	3.0	IC	FO2	Nat Gas	1969
Minnesota Power & Light Co								
Blanchard (Morrison)								
	1	6.0	5.9	5.9	HC	Water		1925
	2	6.0	5.9	5.9	HC	Water		1925
Clay Boswell (Itasca)								
	3	6.0	6.1	5.9	HC	Water		1988
	1	75.0	69.0	69.0	ST	SUB		1958
	2	75.0	69.0	69.0	ST	SUB		1959
	3	364.5	350.0	350.0	ST	SUB		1973
	4	558.0	517.0	517.0	ST	SUB		1980
Fond Du Lac (St Louis)								
	1	12.0	11.8	11.8	HC	Water		1924
Knife Falls (Carlton)								
	1	.8	.6	.6	HC	Water		1922
	2	.8	.6	.6	HC	Water		1922
	3	.8	.6	.6	HC	Water		1922
Little Falls (Morrison)								
	1	.8	.8	.8	HC	Water		1922
	2	.8	.8	.8	HC	Water		1919
	3	.8	.8	.8	HC	Water		1919
	4	1.1	1.1	1.1	HC	Water		1920
	5	1.2	1.3	1.3	HC	Water		1979
	6	.3	.3	.3	HC	Water		1906
M. L. Hibbard (St Louis)								
	1	25.0	25.0	25.0	HC	Water		1906
	2	25.0	25.0	25.0	ST	FO6		1931
	3	35.0	35.0	35.0	ST	FO6		1943
	4	37.5	39.0	39.0	ST	SUB	Nat Gas	1949
Pillaqor (Cass)								
	1	.8	.9	.9	ST	SUB	Nat Gas	1951
	2	.8	.9	.9	HC	Water		1917
Prairie River (Itasca)								
	1	.7	.5	.5	HC	Water		1920
	2	.4	.4	.4	HC	Water		1920
Scanlon (Carlton)								
	1	.4	.4	.4	HC	Water		1923
	2	.4	.4	.4	HC	Water		1923
	3	.4	.4	.4	HC	Water		1923
	4	.4	.4	.4	HC	Water		1923
Syl Laskin (St Louis)								
	1	58.1	41.0	41.0	HC	Water		1923
	2	58.0	41.0	41.0	ST	SUB		1953
Sylvan (Cass)								
	1	.6	.6	.4	HC	Water		1913
	2	.6	.6	.4	HC	Water		1913
	3	.6	.6	.4	HC	Water		1913
Thomson (Carlton)								
	1	9.0	10.0	10.0	HC	Water		1915
	2	13.0	12.0	12.0	HC	Water		1907
	3	13.0	12.0	12.0	HC	Water		1907
	4	10.8	12.0	12.0	HC	Water		1907
	5	10.8	11.0	11.0	HC	Water		1914
	6	12.0	13.0	13.0	HC	Water		1919
Winton (Lake)								
	2	2.0	2.0	2.0	HC	Water		1949
	3	2.0	2.0	2.0	HC	Water		1923
Moorhead City of								
Moorhead (Clay)								
	6	10.0	8.0	10.0	GI	FO2		1960
	7	23.5	23.0	23.0	ST	FIG		1970
Moose Lake Water & Light Comm								
Moose Lake (Carlton)								
	1	1.3	1.3	1.3	IC	Nat Gas	FO2	1973
	2	1.0	1.0	1.0	IC	Nat Gas	FO2	1952
	4	1.3	1.3	1.3	IC	Nat Gas	FO2	1963
Mora City of								
Mora (Kanabec)								
	2	1.1	.9	.9	IC	Nat Gas	FO2	1957
	5	5.8	5.7	5.7	IC	Nat Gas	FO2	1972
	6	7.0	7.0	7.0	IC	Nat Gas	FO2	1975
Mountain Lake City of								
Mountain Lake (Cottonwood)								
	1	.7	.4	.5	IC	FO2		1946
	2	1.1	1.0	1.1	IC	FO2		1954
	3	.2	.2	.2	IC	FO2		1935

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Minnesota</b>								
Mountain Lake City of	4	2.1	1.8	1.9	IC	FO2		1968
	5	1.4	1.2	1.3	IC	FO2		1959
New Prague Mun Utils Comm New Prague (Le Sueur)	1	1.4	1.0	1.0	IC	Nat Gas	FO2	1948
	2	4.4	4.4	4.4	IC	Nat Gas	FO2	1978
	3	2.4	2.5	2.5	IC	Nat Gas	FO2	1962
	4	3.5	3.6	3.6	IC	Nat Gas	FO2	1968
	5	6	6	6	IC	Nat Gas		1944
	6	6.0	5.9	5.9	IC	Nat Gas	FO2	1982
New Ulm Public Utilities Comm New Ulm (Brown)	3	6.0	6.0	6.0	ST	BIT		1957
	4	15.0	15.0	15.0	ST	BIT	Nat Gas	1964
	5	24.0	24.0	24.0	GT	FO2		1975
North Branch Water & Light Comm North Branch (Chisago)	1	.9	.9	.9	IC	FO2	Nat Gas	1960
	4	1.4	1.4	1.4	IC	FO2	Nat Gas	1970
Northern States Power Co Allen S. King (Washington)	1	598.4	550.0	581.0	ST	BIT	WD	1968
	1	81.0	77.0	72.0	ST	BIT	Nat Gas	1952
	2	100.0	96.0	96.0	ST	BIT	Nat Gas	1954
	3	102.0	99.0	113.0	ST	BIT	Nat Gas	1955
Black Dog (Dakota)	4	162.0	178.0	178.0	ST	BIT	Nat Gas	1960
	1	56.7	38.0	53.0	GT	FO2		1974
	2	56.7	39.0	53.0	GT	FO2		1974
	3	56.7	37.0	56.0	GT	FO2		1974
	5	56.7	49.0	68.0	GT	FO2		1969
Granite City (Benton)	1	18.0	15.0	19.0	GT	FO2	Nat Gas	1969
	2	18.0	15.0	19.0	GT	FO2	Nat Gas	1969
	3	18.0	17.0	19.0	GT	FO2	Nat Gas	1969
	4	18.0	16.0	20.0	GT	FO2	Nat Gas	1969
Hennepin Island (Hennepin)	1	2.5	2.4	2.4	HC	Water		1954
	2	2.5	2.4	2.4	HC	Water		1954
	3	2.5	2.4	2.4	HC	Water		1954
	4	2.5	2.4	2.4	HC	Water		1954
	5	2.5	2.4	2.4	HC	Water		1955
High Bridge (Ramsey)	3	57.5	61.0	56.5	ST	BIT	Nat Gas	1941
	4	62.5	41.0	42.0	ST	BIT	Nat Gas	1943
	5	113.6	89.0	91.0	ST	BIT	Nat Gas	1956
	6	163.2	179.0	180.0	ST	BIT	Nat Gas	1959
	1	1	2	2	WT	Wind		1986
	2	1	2	2	WT	Wind		1986
Inver Hills (Dakota)	3	1	2	2	WT	Wind		1986
	1	54.4	54.0	68.0	GT	FO2		1972
	2	54.4	53.0	66.0	GT	FO2		1972
	3	54.4	55.0	67.0	GT	FO2		1972
	4	54.4	53.0	68.0	GT	FO2		1972
	5	54.4	54.0	69.0	GT	FO2		1972
Koy City (Blue Earth)	6	54.4	54.0	66.0	GT	FO2		1972
	1	18.0	16.0	20.0	GT	Nat Gas	FO2	1970
	2	18.0	16.0	17.0	GT	Nat Gas	FO2	1970
	3	18.0	16.0	19.0	GT	Nat Gas	FO2	1970
Minnesota Valley (Chippewa)	4	18.0	17.0	18.3	GT	Nat Gas		1970
	3	46.0	47.0	47.0	ST	BIT	Nat Gas	1953
	1	568.8	532.0	547.0	NB	Uranium		1971
Monticello (Wright)	1	593.1	504.0	532.0	NP	Uranium		1973
Prairie Island (Goodhue)	1	593.1	504.0	532.0	NP	Uranium		1974
	2	593.1	504.0	532.0	NP	Uranium		1974
Red Wing (Goodhue)	1	11.5	12.0	11.6	ST	Refuse	Nat Gas	1949
	2	11.5	12.0	11.6	ST	Refuse	Nat Gas	1949
Riverside (Hennepin)	1	137.0	128.0	140.0	ST	BIT	Nat Gas	1987
	8	238.9	216.0	218.0	ST	BIT		1964
Sherburne County (Sherburne)	1	660.0	702.0	710.0	ST	SUB		1976
	2	660.0	700.0	710.0	ST	SUB		1977

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Minnesota</b>								
Northern States Power Co								
West Farbaull (Rice)	**3	809.0	855.0	888.0	ST	SUB		1987
	2	18.2	18.0	19.0	GT	FO2	Nat Gas	1985
Wilmarth (Blue Earth)	3	16.2	17.0	18.0	GT	FO2	Nat Gas	1985
	1	12.5	10.0	12.6	ST	Refuse	Nat Gas	1948
	2	12.5	10.0	12.6	ST	Refuse	Nat Gas	1951
Otter Tail Power Co								
Gumdi (Beltrami)	H1	.5	.3	.3	HC	Water		1907
	H2	.2	.2	.2	HC	Water		1907
Central (Wright) (Otter Tail)	1	4	5	5	HC	Water		1922
Dayton Hollow (Otter Tail)	1	5	6	6	HC	Water		1928
	2	5	4	4	HC	Water		1909
Hoot Lake (Otter Tail)	H1	1.0	.8	.8	HC	Water		1914
	1	7.5	7.9	7.9	ST	SUB		1948
	2	54.4	61.3	61.3	ST	SUB	LIG	1959
	3	75.0	81.5	81.5	ST	SUB	LIG	1964
Pisgah (Otter Tail)	1	5	7	7	HC	Water		1918
Taplin Gorge (Otter Tail)	1	6	.6	.6	HC	Water		1915
Owatonna City of								
Owatonna (Steele)	5	6.0	9.0	9.0	ST	Nat Gas	FO6	1957
	6	20.0	20.1	20.1	ST	Nat Gas	FO6	1969
	**7	19.0	16.3	21.3	GT	Nat Gas	FO2	1982
Preston Public Utilities Comm								
Preston (Fillmore)	1	1	1	.1	IC	FO2		1935
	2	2	2	2	IC	FO2		1935
	3	.3	3	.3	IC	FO2		1939
	4	7	6	6	IC	FO2		1949
	5	11	8	8	IC	FO2		1954
	6	2.0	2.0	2.0	IC	Nat Gas	FO2	1974
Princeton Public Utils Comm								
Princeton (Mille Lacs)	1	1	1	1	IC	FO2		1938
	2	1	1	.1	IC	FO2		1938
	3	2.4	2.2	2.2	IC	FO2	Nat Gas	1978
	4	1.2	1.0	1.0	IC	FO2	Nat Gas	1967
	5	1.0	.8	.8	IC	FO2	Nat Gas	1953
	6	2.8	2.5	2.5	IC	FO2	Nat Gas	1963
Redwood Falls Public Util Comm								
Redwood Falls (Redwood)	1	5	3	3	HC	Water		1930
	3	3	3	3	IC	FO2	Nat Gas	1935
	4	3	3	3	IC	FO2	Nat Gas	1935
	5	7	7	7	IC	FO2	Nat Gas	1941
	6	2.2	2.1	2.1	IC	FO2	Nat Gas	1970
	7	5.8	5.5	5.5	IC	FO2	Nat Gas	1974
Rochester Public Utilities								
Cascade Creek (Olmsted)	1	35.0	27.9	38.0	GT	FO2		1975
Rochester Hydro (Wabasha)	1	1.3	1.3	1.3	HC	Water		1984
	2	1.3	1.3	1.3	HC	Water		1984
Silver Lake (Olmsted)	1	8.0	9.1	9.1	ST	BIT	Nat Gas	1948
	2	12.0	13.8	13.8	ST	BIT	Nat Gas	1953
	3	25.0	22.5	23.0	ST	BIT	Nat Gas	1962
	4	54.0	60.3	60.3	ST	BIT	Nat Gas	1969
Roseau City of								
Roseau (Roseau)	1	1.4	1.4	1.4	IC	FO2		1956
	2	1.1	1.1	1.1	IC	FO2		1949
	3	.6	.6	.6	IC	FO2		1948
Sleepy Eye Public Utility Comm								
Sleepy Eye (Brown)	1	6	6	6	IC	FO2		1936

See footnotes at end of table



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Minnesota</b>								
Sleepy Eye Public Utility Comm	2	2.0	2.0	2.0	SI	BI	FO <sup>2</sup>	1946
	3	1.5	1.5	1.5	IC	FO <sup>2</sup>	Nat Gas	1961
Spring Valley Pub Utils Comm Spring Valley (Fillmore)	1	.8	.5	.5	IC	FO <sup>2</sup>		1949
	2	1.1	1.0	1.0	IC	FO <sup>2</sup>	Nat Gas	1952
	3	2.0	2.0	2.0	IC	FO <sup>2</sup>	Nat Gas	1960
Springfield Public Utils Comm Springfield (Brown)	2	1.0	1.0	1.0	SI	BI	FO <sup>2</sup>	1940
	3	2.0	2.0	2.0	SI	BI	FO <sup>2</sup>	1940
	4	4.0	4.0	4.0	SI	BI	FO <sup>2</sup>	1961
Thief River Falls City of Thief River Falls (Pennington)	HY1	.3	.3	.3	HC	Water		1927
	HY2	.3	.3	.3	HC	Water		1927
	IC1	2.2	2.0	2.0	IC	FO <sup>2</sup>		1956
	IC2	1.2	1.1	1.1	IC	FO <sup>2</sup>		1952
	IC3	1.1	1.0	1.0	IC	FO <sup>2</sup>		1941
	IC4	1.4	1.3	1.3	IC	FO <sup>2</sup>		1948
Truman Public Utilities Comm Truman (Martin)	1	.2	.2	.2	IC	FO <sup>2</sup>	Nat Gas	1938
	2	.2	.2	.2	IC	FO <sup>2</sup>	Nat Gas	1938
	3	2.3	2.0	2.0	IC	FO <sup>2</sup>	Nat Gas	1975
	4	.7	.7	.7	IC	FO <sup>2</sup>	Nat Gas	1954
	5	.8	.8	.8	IC	FO <sup>2</sup>	Nat Gas	1961
Two Harbors City of Two Harbors (Lako)	3	2.0	2.0	2.0	IC	FO <sup>2</sup>	Nat Gas	1972
United Power Assn Cambridge (Isanti) Elk River (Shorburne)	GT1	22.8	21.4	29.4	GT	FO <sup>2</sup>		1978
	1	11.5	11.0	11.0	SI	Refuso		1951
	2	11.5	11.0	11.0	SI	Refuso		1951
	3	22.5	22.0	22.0	SI	Refuso		1959
	GT1	22.8	21.2	29.4	GT	FO <sup>2</sup>		1978
Maple Lako (Wright) Rock Lako (Pino)	1	22.8	21.2	29.4	GT	FO <sup>2</sup>		1978
Virginia City of Virginia (St Louis)	1	5.0	5.0	5.0	SI	SUB	Nat Gas	1940
	2	1.0	1.0	1.0	SI	BI		1922
	3	1.5	1.5	1.5	SI	BI		1930
	4	2.5	2.5	2.5	SI	BI		1937
	5	7.5	8.0	8.0	SI	SUB	Nat Gas	1954
	6	18.5	16.5	18.5	SI	SUB	Nat Gas	1977
Warren City of Warren (Marshall)	1	1.1	.9	1.0	IC	FO <sup>2</sup>		1953
	2	.6	.4	.4	IC	FO <sup>2</sup>		1948
	3	.3	.2	.2	IC	FO <sup>2</sup>		1941
	4	.2	.1	.2	IC	FO <sup>2</sup>		1935
Wells City of Wells (Faribault)	1	1.3	1.4	1.4	IC	FO <sup>2</sup>	Nat Gas	1953
	2	1.3	1.5	1.5	IC	FO <sup>2</sup>	Nat Gas	1957
	3	1.1	1.0	1.0	IC	FO <sup>2</sup>	Nat Gas	1950
	4	2.5	2.3	2.3	IC	FO <sup>2</sup>	Nat Gas	1966
	5	2.3	2.2	2.2	IC	FO <sup>2</sup>	Nat Gas	1974
Westbrook City of Westbrook (Cottonwood)	1	.1	.1	.1	IC	FO <sup>2</sup>		1938
	2	.2	.2	.2	IC	FO <sup>2</sup>		1938
	3	.5	.5	.5	IC	FO <sup>2</sup>		1940
	4	.7	.7	.7	IC	FO <sup>2</sup>		1952

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Minnesota</b>								
Willmar Municipal Utils Comm Willmar (Kandiyohi)	SI1	4.0	4.0	4.0	SI	BI1		1949
	SI2	8.0	7.5	7.0	SI	BI1		1956
	3	18.0	12.5	11.5	SI	BI1		1970
Widom City of Widom (Cottonwood)	GI1	3.0	2.6	2.6	GI	FO2		1980
<b>Mississippi</b>								
Clarksdale City of Third Street (Coahoma)	4	3.5	4.0	4.0	SI	Nat Gas	FO6	1946
	5	7.5	7.5	7.5	SI	Nat Gas	FO6	1951
	6	5.0	4.5	4.5	SI	Nat Gas	FO6	1956
	7	7.5	6.5	8.5	SI	Nat Gas	FO2	1961
	8	12.5	12.0	12.0	GI	Nat Gas	FO2	1965
Greenwood Utilities Comm Henderson (Leflore)	9	25.6	21.0	24.0	CS	Nat Gas	FO2	1971
	1	12.7	11.6	11.6	SI	BI1	Nat Gas	1960
	2	11.3	11.3	11.3	GI	Nat Gas	FO2	1962
	3	20.0	18.6	18.6	SI	BI1	FO6	1967
Aught (Leflore)	W1	7.5	6.8	6.8	SI	BI1	FO6	1948
	W2	5.0	4.6	4.6	SI	Nat Gas	FO6	1952
	W3	5.0	4.6	4.6	SI	Nat Gas	FO2	1955
	W4	3.5	3.2	3.2	SI	Nat Gas	FO2	1936
Mississippi Power & Light Co Basco Wilson (Warren)	1	544.6	550.0	550.0	SI	Nat Gas	FO6	1966
	2	783.0	771.0	771.0	SI	FO6	Nat Gas	1971
	1	112.5	104.0	104.0	SI	Nat Gas		1953
	2	112.5	103.0	103.0	SI	Nat Gas	FO6	1953
	1	281.5	261.0	261.0	SI	Nat Gas	FO6	1974
	1	60.0	73.0	73.0	SI	Nat Gas		1950
	GI1	10.0	11.0	11.0	GI	FO2		1968
	1	34.5	36.0	36.0	SI	Nat Gas		1948
	3	66.0	76.0	76.0	SI	Nat Gas	FO6	1951
	4	238.7	212.0	231.0	SI	Nat Gas	FO6	1959
Mississippi Power Co Lafon (Forrest)	1	22.5	25.0	25.0	SI	Nat Gas	FO6	1945
	2	22.5	25.0	25.0	SI	Nat Gas	FO6	1947
	3	22.5	24.4	24.4	SI	Nat Gas	FO6	1949
	A	39.4	31.3	34.8	JI	Nat Gas	FO2	1970
	1	25.0	85.0	85.0	SI	Nat Gas	FO2	1957
Standard Oil (Jackson)	2	25.0	84.5	84.5	SI	Nat Gas	FO2	1960
	3	112.0	119.9	119.9	SI	Nat Gas	FO2	1962
	4	250.0	258.9	258.9	SI	BI1	Nat Gas	1968
	5	500.0	525.0	525.0	SI	BI1	Nat Gas	1973
	1	13.8	15.2	17.9	GI	Nat Gas		1967
Swain (Lauderdale)	2	13.8	15.2	17.9	GI	Nat Gas		1967
	3	16.1	13.8	15.3	GI	Nat Gas		1971
	4	16.1	13.8	15.3	GI	Nat Gas		1971
	A	39.4	31.3	34.8	JI	Nat Gas		1971
Victor J Daniel Jr (Jackson)	1	40.0	46.5	46.5	SI	FO6	Nat Gas	1971
	2	40.0	46.5	46.5	SI	FO6	Nat Gas	1951
	**1	500.0	515.1	515.1	SI	BI1	FO6	1953
Public Serv Comm of Yazoo City Yazoo (Yazoo)	**2	500.0	514.3	514.3	SI	BI1	FO6	1977
	GI1	14.0	12.5	14.0	GI	Nat Gas	FO2	1981
South Mississippi El Pwr Assn Pensdale (George)	2	5.0	5.5	6.2	SI	Nat Gas	FO6	1968
	3	12.7	11.5	12.7	SI	Nat Gas	FO6	1945
	1	16.2	16.0	16.0	GI	Nat Gas		1954
1	59.0	59.0	59.0	SI	Nat Gas	FO6	1969	
1				SI	Nat Gas	FO6	1970	

<sup>1</sup>See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Mississippi</b>								
South Mississippi El Pwr Assn	2	59.0	59.0	59.0	SI	Nat Gas	FOB	1970
	3	59.0	59.0	59.0	SI	Nat Gas	FOB	1970
Paulding (Jasper)	1	20.0	20.0	20.0	SI	FO2		1971
	1	200.0	200.0	200.0	SI	BI		1978
R D Morrow (Lamar)	2	200.0	200.0	200.0	SI	BI		1978
System Energy Resources Inc Grand Gulf (Claborn)	11	1,142.5	1,142.0	1,142.0	NU	Uranium		1984
<b>Missouri</b>								
Albany City of Albany (Gentry)	1G5	1.2	1.2	1.2	IC	FO2		1983
	1G6	1.2	1.2	1.2	IC	FO2		1983
	1	2.1	2.1	2.1	IC	FO2		1989
	2	1.0	1.0	1.0	IC	FO2		1978
	3	.7	.7	.7	IC	FO2		1954
4	.3	.3	.3	IC	FO2		1946	
Associated Electric Coop Inc New Madrid (New Madrid)	1	600.0	580.0	580.0	SI	BI		1972
	2	600.0	580.0	580.0	SI	BI		1977
	1	180.0	175.0	175.0	SI	BI		1960
Thomas Hill (Randolph)	1	285.0	275.0	275.0	SI	BI		1969
	2	285.0	275.0	275.0	SI	BI		1969
	3	630.0	630.0	630.0	SI	BI		1982
Unionville (Putnam)	1	22.5	22.5	22.5	CI	FO2		1976
	2	22.5	22.5	22.5	CI	FO2		1976
Bothany City of Bothany (Harrison)	1	.4	.4	.4	IC	FO2		1945
	2	.9	.9	.9	IC	FO2		1948
	3	1.5	1.5	1.5	IC	FO2		1958
	4	1.8	1.7	1.7	IC	FO2	Nat Gas	1968
	5	1.8	1.6	1.7	IC	FO2	Nat Gas	1981
	6	.9	.9	.9	IC	FO2	Nat Gas	1981
	7	1.2	1.2	1.2	IC	FO2		1983
Butler City of Butler (Bates)	1G6	1.4	1.0	1.0	IC	FO2		1965
	1	.4	.3	.3	IC	FO2		1929
	2	.7	.5	.5	IC	FO2		1938
	3	.8	.6	.6	IC	FO2	Nat Gas	1946
	4	1.4	1.0	1.0	IC	FO2	Nat Gas	1952
5	1.4	1.0	1.0	IC	FO2	Nat Gas	1959	
Campbell City of Campbell (Dunklin)	1	.2	.2	.2	IC	FO2		1935
	2	.6	.6	.6	IC	FO2	Nat Gas	1950
	3	1.1	1.1	1.1	IC	FO2	Nat Gas	1984
	4	.3	.3	.3	IC	FO2		1947
	5	1.4	1.4	1.4	IC	FO2		1987
	6	1.4	1.4	1.4	IC	FO2		1988
Carrollton Board of Public Wks Carrollton (Carroll)	1	.4	.4	.4	IC	FO2		1941
	10	6.2	6.0	6.0	IC	Nat Gas	FO2	1972
	2	.4	.4	.4	IC	FO2		1941
	3	1.8	1.8	1.8	IC	Nat Gas	FO2	1947
	4	.8	.7	.8	IC	Nat Gas	FO2	1963
	5	.9	.9	.9	IC	Nat Gas	FO2	1951
	6	1.1	1.0	1.1	IC	Nat Gas	FO2	1958
	7	2.5	2.5	2.5	IC	Nat Gas	FO2	1959
	8	4.1	3.8	3.8	IC	Nat Gas	FO2	1966
9	4.1	3.8	3.8	IC	Nat Gas	FO2	1970	

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Missouri</b>								
Carthage City of Carthage (Gascon)	10	7.0	6.0	6.0	IC	Nat Gas	FO2	1965
	11	4.5	4.0	4.0	IC	Nat Gas	FO2	1970
	12	4.5	4.0	4.0	IC	Nat Gas	FO2	1971
	13	6.0	5.5	5.5	IC	Nat Gas	FO2	1976
	14	6.0	5.5	5.5	IC	Nat Gas	FO2	1976
	6	2.5	2.0	2.0	IC	Nat Gas	FO2	1946
	7	3.0	2.2	2.2	IC	Nat Gas	FO2	1949
	8	3.0	2.5	2.5	IC	Nat Gas	FO2	1952
	9	5.0	4.0	4.0	IC	Nat Gas	FO2	1957
Central Electric Power Coop Chambers (Osage)	1	15.0	17.0	18.0	ST	BIT		1953
	2	44.0	49.0	50.0	ST	BIT		1960
Chillicothe Municipal Utility Chillicothe (Livingston)	G11	40.0	33.3	40.0	GT	Nat Gas	Jet Fuel	1980
	G12	40.0	33.3	40.0	GT	Nat Gas	Jet Fuel	1986
	5	5.0	5.0	5.0	ST	BIT		1948
	6	6.0	6.0	6.0	ST	BIT		1958
Columbia City of Columbia (Boone)	5	16.5	16.5	16.5	ST	BIT		1957
	6	12.5	12.5	12.5	GT	Nat Gas	FO2	1963
	7	22.0	22.0	22.0	ST	BIT		1965
	8	35.0	35.0	35.0	ST	Nat Gas	FO2	1970
Empire District Electric Co Asbury (Gascon)	1	212.8	192.0	192.0	ST	BIT	SUB	1970
	2	18.8	20.0	20.0	ST	BIT	SUB	1986
Empire Energy Center (Gascon)	1	129.0	90.0	104.0	GT	FO2		1978
	2	129.0	9.0	104.0	GT	FO2		1981
Ozark Beach (Taney)	1	4.0	4.0	4.0	HC	Water		1931
	2	4.0	4.0	4.0	HC	Water		1931
	3	4.0	4.0	4.0	HC	Water		1931
	4	4.0	4.0	4.0	HC	Water		1931
Fayette City of Fayette (Howard)	G11	3.5	3.2	3.2	IC	FO2	Nat Gas	1985
	G12	3.5	3.2	3.2	IC	FO2	Nat Gas	1985
	G13	2.9	2.4	2.4	IC	FO2	Nat Gas	1985
	G14	1.1	1.2	1.2	IC	FO2	Nat Gas	1985
Fulton City of Fulton (Gallaway)	G14	18.1	18.3	20.0	GT	Nat Gas	FO2	1972
	IC1	4.2	4.2	4.5	IC	Nat Gas	FO2	1966
	IC2	4.2	4.2	4.5	IC	Nat Gas	FO2	1966
	IC3	6.3	6.3	6.8	IC	Nat Gas	FO2	1975
Gallatin City of Gallatin (Waynes)	IC4	2.5	2.5	2.5	IC	FO2		1983
	IC6	2.5	2.5	2.5	IC	FO2		1977
	2	2	2	2	IC	FO2		1939
	3	2	2	2	IC	FO2		1947
	5	1.1	1.0	1.0	IC	FO2		1960
Higginsville City of Higginsville (Lafayette)	1	6	6	6	IC	FO2		1945
	2	1.7	1.0	1.0	IC	FO2		1947
	3	2.4	2.4	2.4	IC	FO2	Nat Gas	1981
Madisonville City of Blue Valley (Jackson)	G11	61.0	50.0	50.0	GT	Nat Gas	FO2	1976
	ST1	22.0	21.0	21.0	ST	BIT	FO2	1958
	2	22.0	21.0	21.0	ST	BIT	FO2	1958
	3	58.2	51.0	51.0	ST	BIT	FO2	1965

<sup>1</sup>See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Missouri</b>									
Independence City of Jackson Square (Jackson)	1	18.0	15.0	15.0	GT	FO2		1989	
	2	18.0	15.0	15.0	GT	FO2		1989	
Missouri City (Clay)	1	23.0	19.0	19.0	ST	BH	FO2	1954	
	2	23.0	19.0	19.0	ST	BH	FO2	1954	
Station H (Jackson)	1	19.6	19.0	19.0	GT	Nat Gas	FO2	1972	
	2	21.7	20.0	20.0	GT	FO2	Nat Gas	1974	
Station I (Jackson)	1	19.6	19.0	19.0	GT	FO2		1972	
	2	19.6	19.0	19.0	GT	FO2		1972	
Jackson City of Jackson (Cape Girardeau)	1	1.0	.9	.9	IC	FO2	Nat Gas	1954	
	2	1.0	.9	.9	IC	FO2	Nat Gas	1954	
	3	1.0	1.0	1.0	IC	FO2	Nat Gas	1963	
	4	1.0	1.0	1.0	IC	FO2	Nat Gas	1963	
	5	.7	.6	.6	IC	FO2		1935	
	6	1.0	1.0	1.0	IC	FO2		1946	
	7	6.8	6.5	6.8	IC	FO2	Nat Gas	1973	
	8	6.8	6.5	6.8	IC	FO2	Nat Gas	1973	
	9	3.0	2.8	3.0	IC	FO2	Nat Gas	1983	
Kahoka City of Kahoka (Clark)	3	.2	.2	.2	IC	FO2		1941	
	6	.8	.8	.9	IC	FO2		1952	
	7	.9	.8	.8	IC	Nat Gas	FO2	1956	
	8	1.5	1.5	1.5	IC	Nat Gas	FO2	1969	
	9	.9	.9	.9	IC	Nat Gas	FO2	1982	
Kansas City Power & Light Co Grand Avenue (Jackson)	7	35.0	36.0	36.0	ST	Nat Gas		1929	
	9	40.3	43.0	43.0	ST	Nat Gas		1948	
	5	514.8	457.0	457.0	ST	SUB	Nat Gas	1969	
	**1	725.9	670.0	670.0	ST	SUB		1980	
	1	187.5	150.0	150.0	ST	SUB		1958	
	2	187.5	150.0	150.0	ST	SUB		1960	
	3	188.1	160.0	160.0	ST	SUB		1964	
	Northeast (Jackson)	11	50.4	48.0	65.0	GT	FO2		1972
		12	50.4	48.0	65.0	GT	FO2		1972
		13	64.7	48.0	65.0	GT	FO2		1976
		14	64.7	51.0	65.0	GT	FO2		1976
		15	64.7	47.0	65.0	GT	FO2		1975
		16	64.7	48.0	65.0	GT	FO2		1975
	17	64.7	49.0	65.0	GT	FO2		1977	
	18	64.7	48.0	65.0	GT	FO2		1977	
	Kennett City of Kennett (Dunklin)	1	4	4	4	IC	FO2		1942
		10	6.3	6.3	6.3	IC	Nat Gas	FO2	1971
		11	6.3	6.3	6.3	IC	Nat Gas	FO2	1975
2		4	4	4	IC	FO2		1942	
3		.9	.9	.9	IC	FO2		1942	
4		2.5	2.5	2.5	IC	Nat Gas	FO2	1975	
5		1.4	1.4	1.4	IC	FO2		1949	
6		2.0	2.0	2.0	IC	Nat Gas	FO2	1951	
7		2.5	2.5	2.5	IC	Nat Gas	FO2	1960	
8	3.1	3.1	3.1	IC	Nat Gas	FO2	1962		
9	6.3	6.3	6.3	IC	Nat Gas	FO2	1965		
La Plata City of La Plata (Macon)	1	.2	.2	.2	IC	FO2		1938	
	2	.2	.2	.2	IC	FO2		1938	
	3	.2	.2	.2	IC	FO2		1947	
	4	.3	.3	.3	IC	FO2		1953	
	5	.9	.9	.9	IC	FO2	Nat Gas	1960	

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Missouri</b>								
M & A Electric Power Coop Gron Feros <sup>1</sup> (Bullon)	1	2.4	2.4	2.4	IC	FO2		1951
	2	2.4	2.4	2.4	IC	FO2		1951
	3	2.4	2.4	2.4	IC	FO2		1951
	4	2.4	2.4	2.4	IC	FO2		1951
Macon City of Macon (Macon)	1	5.2	4.0	5.1	IC	FO2	Nat Gas	1982
	2	1.5	.8	.9	IC	FO2		1988
	3	5.0	4.7	4.9	IC	FO2	Nat Gas	1971
	4	1.1	.5	.5	IC	FO2		1985
Maldon City of Maldon (Dunklin)	1	1.4	1.4	1.4	IC	Nat Gas	FO2	1951
	2	.4	.4	.4	IC	Nat Gas	FO2	1937
	3	.6	.6	.6	IC	Nat Gas	FO2	1941
	4	1.0	1.0	1.0	IC	Nat Gas	FO2	1947
	5	1.4	1.4	1.4	IC	Nat Gas	FO2	1957
	6	2.1	2.1	2.1	IC	Nat Gas	FO2	1963
	7	2.8	2.8	2.8	IC	Nat Gas	FO2	1973
	8	4.3	4.3	4.3	IC	Nat Gas	FO2	1973
Marshall City of Marshall (Saline)	GT1	15.2	12.0	14.0	GT	FO2	Nat Gas	1972
	3	4.0	3.9	3.9	ST	Nat Gas	FO2	1948
	4	6.0	5.9	5.9	ST	Nat Gas	BIT	1956
	5	17.0	16.0	16.2	ST	Nat Gas	BIT	1967
Memphis City of Memphis (Scotland)	1	.7	.6	.6	IC	Nat Gas	FO2	1972
	10	1.0	.9	1.0	IC	FO2		1989
	11	1.0	.9	1.0	IC	FO2		1989
	12	.5	.4	.5	IC	FO2		1989
	3	.2	.2	.2	IC	FO2		1945
	6	.9	.8	.8	IC	FO2		1957
	7	1.1	1.0	1.0	IC	FO2		1960
	8	1.4	1.3	1.3	IC	Nat Gas	FO2	1966
	9	1.4	1.3	1.3	IC	Nat Gas	FO2	1972
Monroe City City of Monroe (Monroe)	1	.7	.7	.7	IC	FO2		1940
	10	1.6	1.6	1.6	IC	FO2		1988
	2	1.4	1.4	1.4	IC	FO2	Nat Gas	1955
	3	1.2	1.2	1.2	IC	Nat Gas	FO2	1964
	4	1.1	1.1	1.1	IC	Nat Gas	FO2	1958
	5	2.0	1.6	2.0	IC	FO2	Nat Gas	1985
	6	2.1	2.1	2.1	IC	Nat Gas	FO2	1971
	7	2.3	2.3	2.3	IC	Nat Gas	FO2	1973
	8	1.6	1.6	1.6	IC	FO2		1988
9	1.6	1.6	1.6	IC	FO2		1988	
Northeast Missouri El Pwr Coop South River Station (Manion)	IC1	2.4	2.2	2.2	IC	FO2	Nat Gas	1950
	IC2	2.4	2.2	2.2	IC	FO2	Nat Gas	1950
	IC3	2.4	2.2	2.2	IC	FO2	Nat Gas	1950
Odessa City of Odessa (Lafayette)	IC4	.9	.8	.8	IC	FO2	Nat Gas	1986
	1	.7	.6	.6	IC	FO2		1946
	2	.3	.3	.3	IC	FO2		1939
	3	2.1	1.8	1.8	IC	FO2	Nat Gas	1965
	5	1.3	1.0	1.0	IC	FO2	Nat Gas	1957
	6	3.0	2.7	2.7	IC	FO2	Nat Gas	1981

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Missouri</b>									
Owensville City of Owensville (Gasconade)	1	0.2	0.1	0.1	IC	FO2		1939	
	2	.2	.1	.1	IC	FO2		1939	
	3	.2	.1	.1	IC	FO2		1939	
	4A	1.4	1.3	1.3	IC	FO2		1968	
	5	1.4	1.3	1.3	IC	FO2		1966	
Palmyra City of Palmyra Municipal (Marion)	IC7	2.1	1.8	2.0	IC	FO2	Nat Gas	1985	
	IC8	2.0	1.8	1.9	IC	FO2	Nat Gas	1985	
	1	.5	.5	.5	IC	FO2	Nat Gas	1939	
	2	.5	.5	.5	IC	FO2	Nat Gas	1959	
	3	1.5	1.2	1.4	IC	FO2	Nat Gas	1966	
	4	.8	.8	.8	IC	FO2	Nat Gas	1959	
	5	1.0	1.0	1.0	IC	FO2		1970	
6	2.1	2.1	2.1	IC	FO2	Nat Gas	1971		
Pattonsburg City of Pattonsburg (Davies)	1	.1	.1	.1	IC	FO2	FO1	1935	
	2	.1	.1	.1	IC	FO2	FO1	1935	
	3	.2	.2	.2	IC	FO2	FO1	1948	
	4	.4	.4	.4	IC	FO2	FO1	1955	
Rich Hill City of Rich Hill (Bates)	1	.2	.2	.2	IC	FO2		1934	
	2	.2	.2	.2	IC	FO2		1935	
	3	.2	.2	.2	IC	FO2		1949	
	4	.5	.5	.5	IC	FO2		1956	
Rockport City of Rockport (Atchison)	1	1.1	1.1	1.1	IC	Nat Gas	FO2	1964	
	2	1.1	1.1	1.1	IC	Nat Gas	FO2	1964	
	3	.5	.4	.4	IC	FO2		1959	
	4	.4	.3	.3	IC	FO2		1940	
	5	1.4	1.3	1.3	IC	Nat Gas	FO2	1972	
	6	1.4	1.3	1.3	IC	Nat Gas	FO2	1972	
Sho-Me Power Corp Niangua (Camden)	1	1.5	1.5	1.5	HC	Water		1930	
	2	1.5	1.5	1.5	HC	Water		1930	
Sikeston City of E P Coleman (Scott)	IC1	2.0	2.0	2.0	IC	FO2		1965	
	IC2	2.3	2.3	2.3	IC	FO2		1967	
	1	235.0	212.0	212.0	ST	BIT		1981	
Springfield City of James River (Greene)	GT1	71.4	71.0	71.0	GT	Nat Gas	FO2	1989	
	1	22.0	21.0	21.0	ST	BIT	Nat Gas	1957	
	2	22.0	21.0	21.0	ST	BIT	Nat Gas	1957	
	3	44.0	42.0	42.0	ST	BIT	Nat Gas	1960	
	4	60.0	58.0	58.0	ST	BIT	Nat Gas	1964	
	5	105.0	90.0	90.0	ST	BIT	Nat Gas	1970	
	1	15.3	15.0	15.0	GT	FO2		1967	
	Main Street (Greene)	GT1	51.6	44.0	44.0	GT	Nat Gas	FO2	1983
	Southwest (Greene)	ST1	194.0	173.0	173.0	ST	BIT	Nat Gas	1976
	2	51.6	44.0	44.0	GT	Nat Gas	FO2	1983	
St Joseph Light & Power Co Lake Road (Buchanan)	1	23.0	20.0	21.0	ST	BIT	FO6	1950	
	2	25.0	29.0	30.0	ST	FO6	Nat Gas	1958	
	3	12.5	11.0	11.0	ST	FO6	Nat Gas	1962	
	4	90.0	95.0	96.0	ST	BIT	Nat Gas	1966	
	5	85.0	60.0	67.0	CT	Nat Gas	FO2	1974	
	6	24.0	20.0	21.0	JE	FO2		1989	

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Missouri</b>								
Stanberry City of Stanberry (Gentry)	IC5	0.4	0.3	0.3	IC	FO2		1958
	IC6	1.9	1.8	1.8	IC	Nat Gas	FO2	1978
	1	1.1	1.1	1.1	IC	Nat Gas	FO2	1963
	2	1.1	1.1	1.1	IC	Nat Gas	FO2	1967
	3	.3	.3	.3	IC	FO2		1945
Frenton City of Frenton Diesel (Grundy)	4	.3	.3	.3	IC	FO2		1953
	1	.4	.3	.3	IC	FO2		1937
	2	.4	.3	.3	IC	FO2		1937
	4	1.0	.9	.9	IC	FO2		1945
	5	1.1	1.0	1.0	IC	FO2	Nat Gas	1948
	6	1.3	1.2	1.2	IC	FO2	Nat Gas	1958
	7	1.0	.9	.9	IC	FO2	Nat Gas	1906
Frenton Peaking (Grundy)	1	2.8	2.8	2.8	IC	FO2		1974
	2	2.8	2.8	2.8	IC	FO2		1974
	3	2.8	2.8	2.8	IC	FO2		1974
	4	2.8	2.8	2.8	IC	FO2		1974
	5	2.8	2.8	2.8	IC	FO2		1975
<b>Union Electric Co</b>								
Callaway (Callaway) Canton (Lewis)	1	1236.0	1125.0	1177.0	NP	Uranium		1984
	IC2	.6	<sup>2</sup> 4.0	<sup>2</sup> 4.0	IC	FO2		1939
	3	1.1	2	2	IC	FO2	Nat Gas	1963
	5	.8	2	2	IC	FO2		1947
	6	1.1	2	2	IC	FO2	Nat Gas	1969
	7	1.1	2	2	IC	FO2	Nat Gas	1969
	1	49.6	42.0	47.0	GT	FO2		1973
Howard Bend (St Louis)	1	68.9	54.0	62.0	GT	FO2		1974
Jefferson City (Cole)	1	15.0	12.0	14.0	GT	Nat Gas		1967
Kirkville (Adair)	1	620.5	554.0	557.0	ST	BIT		1970
	2	620.5	554.0	557.0	ST	BIT		1971
	3	620.5	554.0	557.0	ST	BIT		1972
	4	620.5	554.0	557.0	ST	BIT		1973
Labadie (Franklin)	GT1	62.0	54.0	62.0	GT	FO2		1974
	1	137.5	127.0	131.0	ST	BIT	Nat Gas	1953
	2	137.5	127.0	131.0	ST	BIT	Nat Gas	1954
	3	289.0	278.0	282.0	ST	BIT		1958
Meramec (St Louis)	4	359.0	335.0	347.0	ST	BIT		1961
	1	71.2	54.0	62.0	GT	FO2		1978
	1	71.2	54.0	62.0	GT	FO2		1978
	1	71.2	54.0	62.0	GT	FO2		1978
Osage (Miller)	1	21.5	<sup>2</sup> 212.0	<sup>2</sup> 205.0	HC	Water		1931
	2	21.5	2	2	HC	Water		1931
	3	21.5	2	2	HC	Water		1931
	4	21.5	2	2	HC	Water		1931
	5	21.5	2	2	HC	Water		1931
	6	21.5	2	2	HC	Water		1931
	7	21.5	2	2	HC	Water		1931
	8	21.5	2	2	HC	Water		1953
Portable (Randolph)	1	.6	1.0	1.0	IC	FO2		1958
Rush Island (Jefferson)	1	620.5	580.0	583.0	ST	BIT		1976
	2	620.5	580.0	583.0	ST	BIT		1977
Soox (St Charles)	1	549.8	449.0	459.0	ST	BIT		1967
	2	549.8	449.0	459.0	ST	BIT		1968
Taun Sauk (Reynolds)	1	204.0	<sup>2</sup> 300.0	<sup>2</sup> 225.0	HR	Water		1963
Viaduct (Cape Girardeau)	2	204.0	2	2	HR	Water		1963
	1	36.0	25.0	30.0	GT	Nat Gas		1967
<b>Unionville City of</b>								
Unionville (Putnam)	1	.8	.6	.6	IC	FO2		1970
	2	1.8	1.8	1.8	IC	FO2	Nat Gas	1975
	3	.3	.3	.3	IC	FO2		1935
	4	1.0	.9	.9	IC	FO2		1970
	5	.4	.4	.4	IC	FO2		1955

See footnotes at end of table.



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Missouri</b>								
Unionville City of	6	0.4	0.4	0.4	IC	FO2		1955
	7	1.1	.9	.9	IC	FO2		1962
	8	1.4	1.1	1.1	IC	FO2	Nat Gas	1967
UtiliCorp United Inc Greenwood Energy Ctr (Jackson)	1	61.7	47.4	62.6	GT	FO2		1975
	2	61.7	47.5	62.7	GT	FO2		1975
	3	61.7	46.9	61.8	GT	FO2		1977
	4	61.7	47.8	63.1	GT	FO2		1979
Kansas City Intl (Platte)	1	18.1	12.6	15.2	GT	Nat Gas	FO2	1977
	2	18.1	12.6	15.2	GT	Nat Gas	FO2	1977
Nevada (Vernon)	1	23.1	17.9	23.9	GT	FO2		1974
Ralph Green (Cass)	GT1	66.5	62.3	79.9	GT	Nat Gas		1981
Sibley (Jackson)	1	55.0	49.5	50.0	ST	BIT		1960
	2	50.0	51.6	52.0	ST	BIT		1962
	3	418.5	389.5	391.8	ST	BIT		1969
USCE-Kansas City District Harry Truman (Benton)	1	27.0	31.0	31.0	HR	Water		1982
	2	27.0	31.0	31.0	HR	Water		1982
	3	27.0	31.0	31.0	HR	Water		1982
	4	27.0	31.0	31.0	HR	Water		1981
	5	27.0	31.0	31.0	HR	Water		1981
	6	27.0	31.0	31.0	HR	Water		1979
Stockton (Cedar)	1	45.2	54.7	54.7	HC	Water		1972
USCE-Little Rock District Table Rock (Taney)	1	50.0	57.5	57.5	HC	Water		1959
	2	50.0	57.5	57.5	HC	Water		1959
	3	50.0	57.5	57.5	HC	Water		1961
	4	50.0	57.5	57.5	HC	Water		1961
USCE-St Louis District Clarence Cannon (Ralls)	1	27.0	28.0	28.0	HC	Water		1984
	2	31.0	32.0	32.0	HR	Water		1984
Vandalia City of Vandalia (Audrain)	1	1.3	1.1	1.2	IC	Nat Gas	FO2	1967
	10	1.4	1.4	1.4	IC	Nat Gas	FO2	1984
	2	.3	.3	.3	IC	FO2		1939
	3	.3	.3	.3	IC	FO2		1939
	5	1.0	.9	.9	IC	Nat Gas	FO2	1958
	6	.7	.6	.6	IC	Nat Gas	FO2	1959
	7	1.0	.9	.9	IC	Nat Gas	FO2	1963
	8	1.0	.9	.9	IC	Nat Gas	FO2	1957
	9	1.4	1.5	1.5	IC	Nat Gas	FO2	1977

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Montana</b>								
Bureau of Reclamation								
Canyon Ferry (Lewis and Clark)	1	16.7	16.7	16.7	HC	Water		1953
	2	16.7	16.7	16.7	HC	Water		1954
	3	16.7	16.7	16.7	HC	Water		1953
Hungry Horse (Flathead)	1	71.3	71.3	71.3	HC	Water		1952
	2	71.3	71.3	71.3	HC	Water		1952
	3	71.3	71.3	71.3	HC	Water		1953
	4	71.3	71.3	71.3	HC	Water		1953
Yellowtail (Big Horn)	1	62.5	68.0	65.0	HC	Water		1966
	2	62.5	68.0	65.0	HC	Water		1966
	3	62.5	68.0	65.0	HC	Water		1966
	4	62.5	68.0	65.0	HC	Water		1966
Champion International Corp								
Lake Creek (Lincoln)	1	1.0	1.2	.9	HC	Water		1917
	2	3.5	3.5	3.5	HC	Water		1949
Libby (Lincoln)	1	7.5	7.5	7.5	ST	WD		1966
	2	5.0	5.0	5.0	ST	WD		1972
Livingston City of								
Livingston (Park)	1	.	.	.	WT	Wind		1981
	2	.	.	.	WT	Wind		1981
	3	.	.	.	WT	Wind		1981
	4	.	.	.	WT	Wind		1981
	5	.	.	.	WT	Wind		1982
Montana Power Co								
Black Eagle (Cascade)	1	7.8	<sup>2</sup> 18.0	<sup>2</sup> 18.0	HC	Water		1927
	2	7.8	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1927
	3	5.6	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1927
Cochrane (Cascade)	1	24.0	<sup>2</sup> 50.0	<sup>2</sup> 50.0	HC	Water		1958
	2	24.0	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1958
Colstrip (Hosobud)	**1	358.4	330.0	330.0	ST	BIT		1975
	**2	358.4	330.0	330.0	ST	BIT		1976
	**3	778.0	700.0	700.0	ST	BIT		1983
	**4	778.0	700.0	700.0	ST	BIT		1985
Frank Bird (Yellowstone)	1	69.0	70.0	70.0	ST	Nat Gas	FO6	1951
Hausor Lake (Lewis and Clark)	1	2.8	<sup>2</sup> 16.5	<sup>2</sup> 16.5	HC	Water		1911
	2	2.8	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1911
	3	2.8	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1911
	4	2.8	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1911
	5	2.8	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1911
	6	3.0	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1911
Holler (Lewis and Clark)	1	9.6	<sup>2</sup> 49.0	<sup>2</sup> 49.0	HC	Water		1918
	2	9.6	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1918
	3	9.6	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1918
	4	9.6	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1918
J E Coretto (Yellowstone)	1	191.0	156.0	156.0	ST	BIT		1968
Kerr (Lake)	1	70.6	<sup>2</sup> 180.0	<sup>2</sup> 180.0	HC	Water		1938
	2	70.6	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1949
	3	56.0	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1954
Madison (Madison)	1	2.3	<sup>2</sup> 8.5	<sup>2</sup> 8.5	HC	Water		1906
	2	2.3	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1906
	3	2.3	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1906
	4	2.3	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1906
Milltown (Missoula)	1	.6	<sup>2</sup> 3.4	<sup>2</sup> 3.4	HC	Water		1908
	2	.6	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1908
	3	.6	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1908
	4	.6	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1908
	5	.6	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1909
Morony (Cascade)	1	22.5	<sup>2</sup> 47.0	<sup>2</sup> 47.0	HC	Water		1927
	2	22.5	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1929
Mystic Lake (Stillwater)	1	6.0	<sup>2</sup> 11.5	<sup>2</sup> 11.5	HC	Water		1930
	2	6.0	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1925
Rainbow (Cascade)	1	4.0	<sup>2</sup> 35.0	<sup>2</sup> 35.0	HC	Water		1910
	2	4.0	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1910
	3	4.0	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1910

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Montana</b>									
Montana Power Co	4	4.0	2 -	2 -	HC	Water		1910	
	5	4.0	2 -	2 -	HC	Water		1910	
	6	4.0	2 -	2 -	HC	Water		1917	
	7	5.8	2 -	2 -	HC	Water		1917	
	8	5.8	2 -	2 -	HC	Water		1915	
	Ryan (Cascade) .....	1	8.0	<sup>2</sup> 60.0	<sup>2</sup> 60.0	HC	Water		1915
		2	8.0	2 -	2 -	HC	Water		1915
		3	8.0	2 -	2 -	HC	Water		1915
4		8.0	2 -	2 -	HC	Water		1916	
5		8.0	2 -	2 -	HC	Water		1916	
6		8.0	2 -	2 -	HC	Water		1917	
Thompson Falls (Sanders) .....	1	5.0	<sup>2</sup> 40.0	<sup>2</sup> 40.0	HC	Water		1917	
	2	5.0	2 -	2 -	HC	Water		1916	
	3	5.0	2 -	2 -	HC	Water		1916	
	4	5.0	2 -	2 -	HC	Water		1915	
	5	5.0	2 -	2 -	HC	Water		1915	
	6	5.0	2 -	2 -	HC	Water		1915	
Montana-Dakota Utilities Co	GT1	40.8	30.1	41.4	GT	Nat Gas	FO2	1979	
	Glendive (Dawson) .....	1	50.0	43.8	ST	LIG	Nat Gas	1958	
	Lewis & Clark (Richland) .....	1	23.3	20.0	GT	Nat Gas	FO2	1972	
	Miles City Comb Turb (Custer) .....								
PacifiCorp	Big Fork (Flathead) .....	1	1.7	1.7	HC	Water		1924	
		2	1.7	1.7	HC	Water		1929	
		3	.8	.8	HC	Water		1910	
USBIA-Flathead Power Division	Hellroaring Hydro (Lako) .....	1	.2	.2	HC	Water		1916	
		2	.2	.2	HC	Water		1916	
USCE-Missouri River District	Fort Peck (McCone) .....	1	43.5	50.0	HC	Water		1943	
		2	18.3	21.0	HC	Water		1947	
		3	43.5	50.0	HC	Water		1951	
		4	40.0	46.0	HC	Water		1961	
		5	40.0	46.0	HC	Water		1961	
USCE-Portland District	Libby (Lincoln) .....	1	105.0	<sup>2</sup> 603.8	<sup>2</sup> 565.0	HC	Water	1975	
		2	105.0	2 -	2 -	HC	Water	1975	
		3	105.0	2 -	2 -	HC	Water	1976	
		4	105.0	2 -	2 -	HC	Water	1976	
		5	105.0	2 -	2 -	HC	Water	1984	
Washington Water Power Co	Noxon Rapids (Sanders) .....	1	92.0	107.5	107.5	HC	Water	1959	
		2	70.7	107.5	107.5	HC	Water	1959	
		3	92.0	107.5	107.5	HC	Water	1959	
		4	92.0	107.5	107.5	HC	Water	1960	
		5	114.0	124.0	124.0	HC	Water	1977	
<b>Nebraska</b>									
Alliance City of	4	7.5	6.8	6.8	ST	Nat Gas	BIT	1960	
Anisley City of	Anisley (Custer) .....	1	.2	.2	.2	IC	FO2	1953	
		2	.6	.6	.6	IC	Nat Gas	1963	
		3	.9	.9	.9	IC	Nat Gas	1969	
Arnold Village of	Arnold (Custer) .....	1	.6	.5	.5	IC	FO2	1960	
		2	.2	.1	.1	IC	FO2	1928	

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Nebraska</b>								
Arnold Village of	3	0.2	0.2					
	4	.3	.3		IC	FO2		1941
Auburn City of Auburn (Nemaha)	1	2.4	2.2	2.4	IC	Nat Gas	FO2	1982
	2	1.0	.9	1.0	IC	Nat Gas	FO2	1949
	3	1.0	.9	1.0	IC	Nat Gas	FO2	1947
	4	.7	.6	.7	IC	FO2		1939
	5	3.4	3.1	3.4	IC	Nat Gas	FO2	1973
	6	2.8	2.5	2.8	IC	Nat Gas	FO2	1967
	7	5.6	5.0	5.6	IC	Nat Gas	FO2	1972
Beaver City City of City Lt & Water (Furnas)	1	.5	.5	.5	IC	FO2	Nat Gas	1957
	2	.4	.3	.4	IC	Nat Gas	FO2	1963
	3	.3	.3	.3	IC	FO2		1947
	4	.9	.9	.9	IC	Nat Gas	FO2	1967
Benkolman City of Benkolman (Dundy)	1	.9	.8	.8	IC	FO2		1952
	2	.3	.8	.8	IC	FO2		1941
Broken Bow City of Broken Bow (Custer)	1	.5	.5	.5	IC	FO2		1936
	2	3.5	3.5	3.5	IC	Nat Gas	FO2	1970
	3	.8	.7	.7	IC	Nat Gas	FO2	1945
	4	.8	.8	.8	IC	Nat Gas	FO2	1951
	5	1.0	1.0	1.0	IC	Nat Gas	FO2	1951
	6	2.1	2.0	2.0	IC	Nat Gas	FO2	1961
Burwell City of Burwell (Garfield)	1	1.4	1.4	1.4	IC	Nat Gas	FO2	1960
	2	1.1	1.1	1.1	IC	Nat Gas	FO2	1956
	3	.9	.9	.9	IC	Nat Gas	FO2	1968
	4	.7	.7	.7	IC	FO2		1948
Callaway Village of Callaway (Custer)	1	.2	.2	.2	IC	FO2		1948
	2	.2	.2	.2	IC	FO2		1950
	3	.5	.5	.5	IC	FO2		1960
Cambridge City of Cambridge (Furnas)	1	.8	.7	.7	IC	FO2		1957
	2	.9	.8	.8	IC	FO2		1963
	3	1.4	1.2	1.2	IC	FO2		1971
Campbell Village of Campbell (Franklin)	IC4	1.1	1.0	1.0	IC	FO2		1983
	1	.1	.1	.1	IC	FO2		1927
	2	.1	.1	.1	IC	FO2		1937
Central Nebraska Pub P&I Dist	3	.1	.1	.1	IC	FO2		1946
	1	108.8	107.0	107.0	ST	Nat Gas	FO6	1958
	2	9.0	9.0	9.0	HC	Water		1941
Jeffrey (Lincoln)	1	9.0	9.0	9.0	HC	Water		1941
	2	9.0	9.0	9.0	HC	Water		1941
Johnson 1 (Gospor)	1	9.0	9.0	9.0	HC	Water		1941
Johnson 2 (Gospor)	2	9.0	9.0	9.0	HC	Water		1941
Kingsley (Keith)	1	19.0	19.0	19.0	HC	Water		1941
Chappell City of Chappell (Douel)	1	.2	.2	.2	IC	FO1		1947
	5	1.2	1.2	1.2	IC	FO1		1982

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Nebraska</b>								
Crote City of Crote Mun Power (Saline)	1	0.4	0.4	0.4	IC	FO2		1939
	2	1.4	1.4	1.4	IC	Nat Gas	FO2	1955
	3	1.0	.9	1.0	IC	Nat Gas	FO2	1951
	4	1.1	1.0	1.1	IC	Nat Gas	FO2	1947
	5	2.5	2.4	2.6	IC	Nat Gas	FO2	1963
	6	3.3	2.8	3.3	IC	Nat Gas	FO2	1965
	7	6.0	6.4	6.4	IC	Nat Gas	FO2	1973
Curtis City of Curtis (Frontier)	1	.4	.2	.2	IC	FO2		1929
	2	.9	.8	.8	IC	Nat Gas	FO2	1955
	3	1.1	1.0	1.0	IC	Nat Gas	FO2	1969
	4	1.4	1.2	1.2	IC	Nat Gas	FO2	1975
Emerson City of Emerson (Dixon)	2	1.1	1.1	1.1	IC	Nat Gas	FO2	1968
	3	.1	.1	.1	IC	FO2		1947
	4	.5	.5	.5	IC	Nat Gas	FO2	1960
Fairbury City of Fairbury (Jefferson)	1	4.0	3.8	4.0	ST	Nat Gas	FO6	1948
	2	2.5	2.5	2.5	ST	Nat Gas	FO6	1938
	4	12.5	12.5	13.0	ST	Nat Gas	FO6	1965
Falls City City of Falls City (Richardson)	1	.7	.7	.7	IC	FO2		1930
	2	1.0	1.0	1.0	IC	FO2		1937
	3	2.8	2.8	2.8	IC	Nat Gas	FO2	1965
	4	1.1	1.0	1.0	IC	Nat Gas	FO2	1946
	5	2.0	1.9	1.9	IC	Nat Gas	FO2	1950
	6	2.5	2.5	2.5	IC	Nat Gas	FO2	1958
	7	6.3	6.3	6.3	IC	Nat Gas	FO2	1972
	8	6.0	6.0	6.0	IC	Nat Gas	FO2	1982
Franklin City of Franklin (Franklin)	1	.7	.7	.7	IC	Nat Gas	FO2	1963
	2	1.4	1.4	1.4	IC	Nat Gas	FO2	1974
	3	1.1	1.1	1.1	IC	Nat Gas	FO2	1969
	4	.9	.9	.9	IC	Nat Gas	FO2	1955
Fromont City of Lon Wright (Dodge)	6	16.0	16.0	16.0	ST	Nat Gas	BIT	1957
	7	22.0	22.0	22.0	ST	Nat Gas	BIT	1963
	8	91.0	87.0	87.0	ST	Nat Gas	BIT	1976
Grand Island City of C W Burdick (Hall)	GT1	16.0	14.8	14.8	GT	Nat Gas	FO2	1968
	1	18.8	16.5	16.5	ST	Nat Gas	FO6	1957
	2	25.0	22.0	22.0	ST	Nat Gas	FO6	1963
	3	54.4	54.0	54.0	ST	Nat Gas	FO6	1971
	1	109.8	100.0	100.0	ST	SUB		1982
Platte (Hall)								
Hastings City of Don Henry (Adams) Hastings Energy Ctr (Adams) North Denver (Adams)	1	22.0	19.5	25.0	GT	FO2		1972
	1	76.3	72.0	72.0	ST	SUB		1981
	4	17.0	13.0	13.0	ST	Nat Gas	FO6	1957
	5	22.0	20.0	20.0	ST	Nat Gas	FO6	1967
Holdrege City of Holdrege (Phelps)	1	.5	.5	.5	IC	FO2		1937
	2	1.4	1.0	1.0	IC	FO2		1951
	3	.5	.5	.5	IC	FO2		1944

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Nebraska</b>									
Imperial City of Imperial (Chase) .....	IC1	0.3	0.5	0.5	IC	FO2		1946	
	IC2	.3	.3	.3	IC	FO2		1946	
Kimball City of Kimball (Kimball) .....	1	1.0	.7	.8	IC	Nat Gas	FO2	1956	
	2	1.0	.7	.8	IC	Nat Gas	FO2	1955	
	3	1.3	1.0	1.1	IC	Nat Gas	FO2	1959	
	4	1.3	1.0	1.1	IC	Nat Gas	FO2	1960	
	5	.9	.7	.7	IC	Nat Gas	FO2	1974	
	6	3.9	3.6	3.7	IC	Nat Gas	FO2	1974	
Laurel City of Laurel (Cedar) .....	1	1.4	1.1	1.2	IC	Nat Gas	FO2	1974	
	2	.9	.7	.8	IC	Nat Gas	FO2	1970	
	3	.7	.5	.6	IC	Nat Gas	FO2	1965	
	4	.5	.4	.5	IC	Nat Gas	FO2	1960	
	5	.3	.3	.3	IC	Nat Gas	FO2	1947	
	6	.2	.2	.2	IC	Nat Gas	FO2	1956	
Lincoln Electric System Lincoln J Street (Lancaster) .....	1	27.0	22.7	27.2	GT	Nat Gas		1972	
	Rokoby (Lancaster) .....	1	72.4	59.6	71.5	GT	FO2	FO2	1975
Lodgepole City of Lodgepole (Choyenne) .....	1	.1	.1	.1	IC	FO2		1937	
	2	.2	.2	.2	IC	FO2		1949	
Mullen Village of Mullen (Hooker) .....	3	.5	.2	.3	IC	FO2		1958	
	4	.7	.6	.6	IC	FO2		1966	
Nobrasaka City City of Nobrasaka City (Otoe) .....	10	6.5	6.5	6.5	IC	Nat Gas	FO2	1970	
	2	1.5	1.5	1.5	IC	Nat Gas	FO2	1953	
	3	2.5	2.2	2.4	IC	Nat Gas	FO2	1955	
	4	3.1	3.1	3.1	IC	Nat Gas	FO2	1957	
	5	2.0	2.0	2.0	IC	Nat Gas	FO2	1964	
	8	4.1	3.9	3.9	IC	Nat Gas	FO2	1971	
	9	6.4	6.4	6.4	IC	Nat Gas	FO2	1974	
	Syracuse (Otoe) .....	6	2.0	2.0	2.0	IC	Nat Gas	FO2	1969
	7	2.0	2.0	2.0	IC	Nat Gas	FO2	1970	
Nobrasaka Public Power District Columbus (Platte) .....	1	13.3	13.3	13.3	HC	Water		1935	
	2	13.3	13.3	13.3	HC	Water		1935	
	3	13.3	13.4	13.4	HC	Water		1935	
Cooper Station (Nemaha) .....	1	835.6	778.0	778.0	NB	Uranium		1974	
David City Plant (Butler) .....	1	1.5	1.0	1.3	IC	Nat Gas	FO2	1959	
	2	1.0	.2	.8	IC	Nat Gas	FO2	1948	
	3	1.0	.5	.9	IC	Nat Gas	FO2	1954	
	4	2.3	1.5	1.8	IC	Nat Gas	FO2	1966	
Deshler (Thayer) .....	1	.3	.2	.2	IC	FO2		1937	
	2	.4	.2	.2	IC	FO2		1949	
	3	.2	.2	.2	IC	FO2		1934	
	4	.7	.6	.6	IC	FO2		1955	
Gorald Gentleman Sta (Lincoln) .....	1	681.3	630.0	630.0	ST	BIT		1979	
Hallam Peaking (Lancaster) .....	2	628.3	648.0	648.0	ST	BIT		1981	
Hobron Peaking (Thayer) .....	1	49.7	50.0	55.0	GT	FO2		1972	
Kearney (Buffalo) .....	1	49.7	41.0	54.0	GT	FO2		1972	
Lyons Plant (Burl) .....	1	1.5	1.0	1.4	HC	Water		1920	
	2	.8	.7	.8	IC	FO2		1966	
	3	.5	.4	.5	IC	FO2		1959	
	4	.5	.5	.5	IC	FO2		1952	
	5	.3	.3	.3	IC	FO2		1948	

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Nebraska</b>								
Nebraska Public Power District								
Madison Plant (Madison)	1	2.1	1.7	1.2	IC	Nat Gas	FO2	1988
	2	1.4	1.0	1.4	IC	Nat Gas	FO2	1958
	3	1.1	.9	1.2	IC	Nat Gas	FO2	1952
	4	.7	.5	.7	IC	FO2		1945
	4	47.7	39.0	52.0	GT	FO2		1972
McCook Peaking (Red Willow)	1	.2	.2	.2	HC	Water		1929
Minnechadusa (Cherry)	1	.3	.3	.3	IC	FO2		1958
Mobile (York)	1	.3	.3	.3	IC	FO2		1958
	2	.3	.3	.3	IC	FO2		1979
	3	.8	.8	.8	IC	FO2		1935
Monroe (Platte)	1	2.6	2.6	2.5	HC	Water		1935
	2	2.6	2.6	2.5	HC	Water		1935
	3	2.6	2.6	2.5	HC	Water		1934
North Platte (Lincoln)	1	13.1	12.0	12.0	HC	Water		1934
	2	13.1	12.0	12.0	HC	Water		1934
Ord Plant (Valley)	1	5.0	4.0	4.0	IC	Nat Gas	FO2	1972
	2	1.5	1.5	1.5	IC	FO2	Nat Gas	1965
	3	2.4	2.0	2.0	IC	FO2	Nat Gas	1962
	4	1.0	.8	.8	IC	FO2	Nat Gas	1946
	5	1.2	1.1	1.3	IC	Nat Gas	FO2	1957
Randolph Plant (Cedar)	1	1.4	1.0	1.0	IC	Nat Gas	FO2	1970
	2	.9	.5	.5	IC	Nat Gas	FO2	1964
	3	.6	.5	.6	IC	Nat Gas	FO2	1955
	4	.2	.2	.2	IC	FO2		1947
Schuyler Plant (Collfax)	1	5.0	5.2	5.2	ST	Nat Gas	FO2	1957
	2	2.5	2.8	2.8	ST	Nat Gas	FO2	1954
Sheldon (Lancaster)	1	108.8	105.0	105.0	ST	BIT		1960
	2	119.9	120.0	120.0	ST	BIT		1964
Spencer (Boyd)	1	.8	.8	.8	HC	Water		1926
	2	1.6	1.0	1.0	HC	Water		1951
Sutherland Plant (Lincoln)	1	.5	.4	.4	IC	Nat Gas	FO2	1951
	2	.9	1.0	1.0	IC	Nat Gas	FO2	1958
	3	.2	.2	.2	IC	FO2	Nat Gas	1934
	4	1.4	1.2	1.2	IC	FO2	Nat Gas	1963
Wakarusa Plant (Dixon)	IC3	.2	.2	.2	IC	Nat Gas	FO2	1940
	IC4	.9	.5	.7	IC	Nat Gas	FO2	1960
	5	1.4	1.0	1.0	IC	Nat Gas	FO2	1965
	6	1.4	1.0	1.0	IC	Nat Gas	FO2	1970
Omaha Public Power District								
Fort Calhoun (Washington)	1	502.0	476.0	492.0	NP	Uranium		1973
Jones Street (Douglas)	1	65.0	54.7	63.7	GT	FO2		1973
	2	65.0	54.7	63.7	GT	FO2		1973
Nebraska City (Otoe)	1	615.9	584.9	585.7	ST	BIT		1979
North Omaha (Douglas)	1	73.5	75.6	77.1	ST	SUB	Nat Gas	1954
	2	108.8	102.1	102.2	ST	SUB	Nat Gas	1957
	3	108.8	102.1	102.2	ST	SUB	Nat Gas	1950
	4	136.0	131.2	131.3	ST	SUB	Nat Gas	1963
	5	217.6	198.2	198.3	ST	SUB	Nat Gas	1968
Sarpy (Sarpy)	1	55.4	51.4	62.3	GT	Nat Gas	FO2	1972
	2	55.4	51.4	62.3	GT	Nat Gas	FO2	1972
Oxford Village of Oxford (Furnas)	1	.6	.3	.4	IC	FO2		1946
	2	.7	.5	.5	IC	FO2		1953
	3	.9	.8	.9	IC	FO2		1956
	4	.7	.5	.5	IC	FO2		1956
	5	1.4	1.2	1.3	IC	FO2		1972
Pender City of Pender (Thurston)	1	1.6	1.2	1.2	IC	Nat Gas	FO2	1968
	2	2.1	2.0	2.0	IC	Nat Gas	FO2	1973
	3	.6	.5	.5	IC	Nat Gas	FO2	1953
	4	.9	.8	.8	IC	Nat Gas	FO2	1961
	5	.3	.2	.2	IC	Nat Gas	FO2	1939

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Nebraska</b>								
Plainview City of Plainview Mun Power (Plaroo)	1	1.0	1.0	1.0	IC	Nat Gas		1949
	2	.9	.9	.9	IC	Nat Gas		1950
	3	1.3	1.3	1.3	IC	Nat Gas		1953
Red Cloud City of Red Cloud (Webster)	1	.6	.5	.6	IC	FO2		1949
	2	1.0	.7	.7	IC	FO2		1953
	3	1.4	1.3	1.3	IC	FO2		1950
	4	1.4	1.3	1.3	IC	FO2		1950
	5	2.3	2.2	2.2	IC	FO2		1973
Sargent City of Sargent (Custer)	1	1.1	1.1	1.1	IC	FO2	Nat Gas	1958
	3	.9	.9	.9	IC	FO2	Nat Gas	1954
	4	.5	.4	.4	IC	FO2	Nat Gas	1954
Sidney City of Sidney (Choyonno)	1	1.2	.8	.9	IC	Nat Gas	FO2	1949
	2	2.2	2.0	2.1	IC	Nat Gas	FO2	1952
	3	.8	.6	.7	IC	FO2		1931
	4	1.0	.8	.8	IC	Nat Gas	FO2	1947
	5	3.1	2.8	2.8	IC	Nat Gas	FO2	1950
Southwest Public Power Dist Pallado (Hitchcock)	1	.3	.3	.3	IC	FO2		1950
Spalding Village of Spalding (Grooley)	1	.1	.1	.1	HC	Water		1919
	2	.1	.1	.1	HC	Water		1958
	4	.2	.2	.2	IC	FO2		1947
	5	.5	.5	.5	IC	FO2		1950
	6	1.4	1.4	1.4	IC	FO2		1975
	Stuart City of Stuart (Holt)	1	.7	.7	.7	IC	FO2	Nat Gas
2		.3	.3	.3	IC	FO2	Nat Gas	1950
3		.3	.3	.3	IC	FO2	Nat Gas	1952
4		.2	.2	.2	IC	FO2	Nat Gas	1946
Tocumsoh City of Tocumsoh (Johnson)	1	.8	.6	.6	IC	FO2		1948
	2	1.6	1.4	1.4	IC	FO2		1950
	3	1.2	1.0	1.0	IC	FO2		1953
	4	1.4	1.2	1.2	IC	FO2		1950
	5	.5	.4	.4	IC	FO2		1957
Tronton City of Tronton (Hitchcock)	240	.2	.2	.2	IC	FO2		1936
	375	.3	.3	.3	IC	FO2		1947
	561	.4	.4	.4	IC	FO2		1952
Wahoo City of Wahoo (Saunders)	1	2.5	2.2	2.2	IC	Nat Gas	FO2	1950
	2	.5	.3	.3	IC	FO2		1936
	3	4.4	4.0	4.0	IC	Nat Gas	FO2	1973
	4	1.2	1.0	1.0	IC	Nat Gas	FO2	1947
	5	2.1	2.0	2.0	IC	Nat Gas	FO2	1952
	6	3.5	3.0	3.0	IC	Nat Gas	FO2	1950
Wayne City of Wayne (Wayne)	1	1.5	.9	.8	IC	FO2		1952
	2	1.0	.9	1.0	IC	FO2		1946
	3	2.0	1.8	1.8	IC	FO2		1956
	4	2.0	1.9	1.9	IC	FO2		1959

See footnotes at end of table.



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Nebraska</b>									
Wayno City of	5	3.8	3.3	3.3	IC	FO2		1986	
	8	5.1	4.9	4.9	IC	FO2		1987	
West Point City of West Point Municipal (Cuming) .....	2	.9	.9	.9	IC	Nat Gas	FO2	1947	
	3	1.3	1.2	1.2	IC	Nat Gas	FO2	1959	
	4	2.3	2.3	2.3	IC	Nat Gas	FO2	1985	
	5	4.1	4.1	4.1	IC	Nat Gas	FO2	1971	
Wilber City of Wilber (Saline) .....	4	1.1	1.1	1.1	IC	FO2	Nat Gas	1980	
	5	1.0	1.0	1.0	IC	FO2	Nat Gas	1980	
Wisner City of Wisner (Cuming) .....	1	.8	.8	.8	IC	FO2		1964	
	2	.5	.5	.5	IC	FO2		1947	
	3	.8	.8	.8	IC	FO2		1989	
<b>Nevada</b>									
Bureau of Reclamation Hoover Dam Pwr Plant (Clark) .....	N5	130.0	130.0	130.0	HC	Water		1938	
	N6	82.5	100.0	100.0	HC	Water		1938	
	N7	127.0	127.0	127.0	HC	Water		1944	
	N8	115.0	115.0	115.0	HC	Water		1961	
	1	130.0	130.0	130.0	HC	Water		1936	
	2	130.0	130.0	130.0	HC	Water		1936	
	3	130.0	130.0	130.0	HC	Water		1937	
	4	130.0	130.0	130.0	HC	Water		1936	
Nevada Power Co Clark (Clark) .....	GT4	72.4	50.0	50.0	GT	Nat Gas	FO2	1973	
	GT5	88.9	70.0	78.0	GT	Nat Gas	FO2	1979	
	GT6	88.9	70.0	78.0	GT	Nat Gas	FO2	1979	
	GT7	88.9	70.0	78.0	GT	Nat Gas	FO2	1980	
	GT8	88.9	70.0	78.0	GT	Nat Gas	FO2	1982	
	1	50.0	42.0	42.0	ST	Nat Gas	FO2	1955	
	2	65.0	66.0	69.0	ST	Nat Gas	FO2	1957	
	3	75.0	67.0	70.0	ST	Nat Gas	FO2	1961	
	Rald Gardner (Clark) .....	1	114.0	110.0	110.0	ST	BIT		1965
		2	114.0	110.0	110.0	ST	BIT		1968
		3	114.0	110.0	110.0	ST	BIT		1976
		**4	270.0	250.0	250.0	ST	BIT		1983
	Sunrise (Clark) .....	1	82.0	80.0	80.0	ST	Nat Gas	FO2	1964
		2	85.0	89.0	76.0	GT	Nat Gas	FO2	1974
Westside (Clark) .....	IC1	2.6	2.7	2.7	IC	FO2		1983	
	IC2	2.6	2.7	2.7	IC	FO2		1983	
	IC3	2.6	2.7	2.7	IC	FO2		1983	
	IC4	2.6	2.7	2.7	IC	FO2		1983	
	IC5	2.6	2.7	2.7	IC	FO2		1983	
	IC6	2.6	2.7	2.7	IC	FO2		1983	
	IC7	2.6	2.7	2.7	IC	FO2		1983	
	IC8	2.6	2.7	2.7	IC	FO2		1983	
	IC9	2.6	2.7	2.7	IC	FO2		1983	
	110	2.6	2.7	2.7	IC	FO2		1983	
	111	2.6	2.7	2.7	IC	FO2		1983	
Sierra Pacific Power Co Battle Mountain (Lander) .....	1	2.0	1.8	2.0	IC	FO2		1983	
	2	2.0	1.8	2.0	IC	FO2		1983	
	3	2.0	1.8	2.0	IC	FO2		1983	
	4	2.0	1.8	2.0	IC	FO2		1984	
Brunswick (Carson City) .....	1	2.0	1.8	2.0	IC	FO2		1980	
	2	2.0	1.8	2.0	IC	FO2		1980	
	3	2.0	1.8	2.0	IC	FO2		1980	

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Nevada</b>								
Sierra Pacific Power Co								
Elko (Elko)	1	1.0	0.9	1.0	IC	FO2		
	3	1.0	.9	1.0	IC	FO2		1949
	4	1.5	1.3	1.5	IC	FO2		1947
	8	.5	.5	.5	IC	FO2		1954
	1	2.0	1.7	1.8	IC	FO2		1936
	1	2.0	2.3	2.3	IC	FO2	Nat Gas	1908
	1	105.2	113.0	113.0	HC	Water		1914
	2	105.2	113.0	113.0	ST	Nat Gas		1908
	1	2.8	2.4	2.8	ST	Nat Gas	FO8	1971
	2	2.8	2.4	2.8	IC	FO2		1968
Lahontan (Churchill)	IC1	1.0	.9	1.0	IC	FO2		1908
	IC2	1.0	.9	1.0	IC	FO2		1949
	1	.8	.6	.7	IC	FO2		1949
2	.8	.8	.7	HC	Water		1911	
3	.8	.8	.7	HC	Water		1911	
North Valmy (Humboldt)	**1	254.3	258.0	258.0	ST	SUB		1981
**2	267.0	274.0	274.0	ST	SUB		1985	
Reno Valley Road (Washoe)	1	2.0	1.8	2.0	IC	FO2		1960
	2	2.0	1.8	2.0	IC	FO2		1960
	3	2.0	1.8	2.0	IC	FO2		1960
Tracy (Storey)	GT1	12.5	10.0	11.0	GT	FO2		1961
	GT2	12.5	10.0	11.0	GT	FO2		1962
	ST1	53.0	53.0	53.0	ST	Nat Gas	FO8	1963
	ST2	80.0	83.0	83.0	ST	Nat Gas	FO8	1965
	3	109.6	114.0	114.0	ST	Nat Gas	FO8	1974
Vardi (Washoe)	1	2.4	2.2	2.2	HC	Water		1911
Washoe (Washoe)	1	.8	.8	.8	HC	Water		1904
	2	.8	.8	.8	HC	Water		1904
Winnemucca (Humboldt)	1	15.0	12.0	15.0	GT	Nat Gas		1970
26 Foot Drop (Churchill)	1	4	4	0.0	HC	Water		1955
	2	4	4	0.0	HC	Water		1955
Southern California Edison Co								
Mohave (Clark)	**1	818.1	790.0	790.0	ST	SUB	Nat Gas	1970
	**2	818.1	790.0	790.0	ST	SUB	Nat Gas	1971
<b>New Hampshire</b>								
New England Power Co								
Comorford (Grafton)	1	35.1	<sup>2</sup> 163.4	<sup>2</sup> 161.8	HC	Water		1930
	2	35.1	2	2	HC	Water		1930
	3	35.1	2	2	HC	Water		1930
	4	35.1	2	2	HC	Water		1930
McIndoes (Grafton)	1	2.7	<sup>2</sup> 11.7	<sup>2</sup> 13.0	HC	Water		1930
	2	2.7	2	2	HC	Water		1931
	3	2.7	2	2	HC	Water		1931
	4	2.7	2	2	HC	Water		1931
Verron (Cheshire)	1	2.0	<sup>2</sup> 28.1	<sup>2</sup> 28.5	HC	Water		1909
Vernon (Grafton)	10	4.2	4.2	4.1	HC	Water		1921
	2	2.0	2	2	HC	Water		1909
	3	2.0	2	2	HC	Water		1909
	4	2.0	2	2	HC	Water		1909
	5	2.0	2	2	HC	Water		1909
	6	2.0	2	2	HC	Water		1910
	7	2.0	2	2	HC	Water		1910
	8	2.0	2	2	HC	Water		1910
Vernon (Grafton)	9	4.2	4.2	4.1	HC	Water		1921
Wilder (Grafton)	2	18.0	<sup>2</sup> 40.5	<sup>2</sup> 41.4	HC	Water		1921
	3	3.2	2	2	HC	Water		1921
Public Service Co of NH								
Amoskeag (Hillsborough)	1	6.0	6.3	6.3	HC	Water		1922
	2	5.0	5.5	5.4	HC	Water		1922
	3	5.0	5.8	5.4	HC	Water		1924
Ayers Island (Grafton)	1	2.8	3.0	3.0	HC	Water		1925

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>New Hampshire</b>								
Public Service Co of NH	2	2.0	3.0	3.0	HC	Water		1925
	3	2.0	3.0	3.0	HC	Water		1925
Eastman Falls (Merrimack) .....	1	1.8	1.9	1.9	HC	Water		1937
	2	4.0	4.0	4.5	HC	Water		1983
Garvins Falls (Merrimack) .....	1	3.4	2.5	2.5	HC	Water		1981
	2	3.4	3.0	2.9	HC	Water		1981
	3	2.4	2.1	2.0	HC	Water		1925
	4	3.2	3.0	3.0	HC	Water		1925
Gorham (Coos) .....	1	.4	.3	.3	HC	Water		1917
	2	.4	.3	.3	HC	Water		1917
	3	.7	.8	.7	HC	Water		1923
	4	.7	.8	.7	HC	Water		1923
Hooksett (Merrimack) .....	1	1.6	1.9	2.0	HC	Water		1927
Jackman (Hillsborough) .....	1	3.2	3.8	3.8	HC	Water		1925
Lost Nation (Coos) .....	GT1	18.0	19.1	20.4	GT	FO2		1989
Merrimack (Merrimack) .....	GT1	18.6	19.8	24.7	GT	Jet Fuel	KER	1988
	GT2	18.6	19.8	24.2	GT	Jet Fuel	KER	1989
	1	113.6	121.9	124.5	ST	BIT		1980
	2	345.8	347.8	355.0	ST	BIT		1988
Newington (Rockingham) .....	1	414.0	422.0	422.0	ST	FO6	Crudo	1974
Schiller (Rockingham) .....	GT1	21.3	19.4	24.3	GT	KER	Nat Gas	1970
	3	25.0	24.0	20.9	ST	FO6		1949
	4	50.0	49.8	49.8	ST	BIT	FO6	1952
	5	50.0	49.8	49.8	ST	BIT	FO6	1955
	6	50.0	50.5	57.3	ST	BIT	FO6	1957
Smith (Coos) .....	1	15.0	16.5	16.6	HC	Water		1948
White Lake (Carroll) .....	GT1	18.6	20.2	22.5	GT	KER		1988

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>New Jersey</b>								
Atlantic City Electric Co								
B L England (Cape May)	IC1	8.0	8.0	8.0	IC	FO2		1981
	1	136.0	129.0	129.0	ST	BIT	FO8	1982
	2	183.2	180.0	180.0	ST	BIT	FO8	1984
	3	176.4	150.0	100.0	ST	FO8		1974
Carlls Corner (Cumberland)	1	41.9	36.0	43.0	GT	Nat Gas	KER	1973
	2	41.9	37.0	43.0	GT	Nat Gas	KER	1973
Cedar (Ocean)	1	41.9	40.0	52.0	GT	KER		1972
	2	21.2	22.0	26.0	GT	KER		1972
Deepwater (Salom)	GTA	18.8	19.0	24.0	GT	Nat Gas	KER	1987
	1	81.6	80.0	87.0	ST	Nat Gas	FO8	1958
	3	53.0	21.0	22.0	ST	FO6		1930
	4	53.0	54.0	54.0	ST	FO6		1930
	5	20.0	24.0	24.0	ST	BIT	FO6	1942
	6	73.5	80.0	81.0	ST	BIT	FO6	1954
	7	27.2	24.0	24.0	ST	BIT	FO6	1957
Micklton (Gloucester)	1	71.2	59.0	79.0	GT	Nat Gas	KER	1974
Middle (Cape May)	1	21.2	20.0	23.0	GT	KER		1970
	2	21.2	20.0	23.0	GT	KER		1970
	3	37.2	37.0	44.0	GT	KER		1971
Missouri Avenue (Atlantic)	B	18.6	20.0	24.0	GT	KER		1969
	C	18.6	20.0	24.0	GT	KER		1968
	D	18.6	20.0	24.0	GT	KER		1968
GPU Nuclear Corp								
Oyster Creek (Ocean)	**1	650.0	620.0	628.0	NB	Uranium		1969
Jersey Central Power&Light Co								
Forkud River (Ocean)	1	38.4	34.0	44.0	GT	FO2		1989
	2	38.4	34.0	44.0	GT	FO2		1989
Gilbert (Hunterdon)	C1	23.8	25.0	31.0	GT	Nat Gas	FO2	1970
	C2	23.8	25.0	31.0	GT	Nat Gas	FO2	1970
	C3	23.8	23.0	30.0	GT	Nat Gas	FO2	1970
	C4	23.8	25.0	31.0	GT	Nat Gas	FO2	1970
	1	11.8	<sup>2</sup> 45.0	<sup>2</sup> 46.0	ST	FO6	Nat Gas	1930
	2	45.3	<sup>2</sup> ..	<sup>2</sup> ..	ST	FO6	Nat Gas	1930
	3	69.0	72.0	73.0	ST	FO6	Nat Gas	1949
	4	53.7	49.0	68.0	GT	Nat Gas	FO2	1973
	5	53.7	49.0	68.0	GT	Nat Gas	FO2	1974
	6	53.7	51.0	68.0	GT	Nat Gas	FO2	1974
	7	53.7	49.0	68.0	GT	Nat Gas	FO2	1974
	8	135.0	120.0	124.0	CA	WH	FO2	1977
Glen Gardner (Hunterdon)	1	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
	2	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
	3	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
	4	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
	5	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
	6	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
	7	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
	8	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
Sayreville (Middlesex)	GT1	53.1	53.0	73.0	GT	Nat Gas	FO2	1972
	GT2	53.1	53.0	73.0	GT	Nat Gas	FO2	1972
	GT3	53.1	53.0	73.0	GT	Nat Gas	FO2	1972
	GT4	53.1	53.0	73.0	GT	Nat Gas	FO2	1972
	1	35.3	<sup>2</sup> 84.0	<sup>2</sup> 90.0	ST	Nat Gas	FO6	1930
	2	35.3	<sup>2</sup> ..	<sup>2</sup> ..	ST	Nat Gas	FO6	1930
	3	28.7	<sup>2</sup> ..	<sup>2</sup> ..	ST	Nat Gas	FO6	1949
	4	122.5	108.0	112.0	ST	Nat Gas	FO6	1955
	5	125.0	112.0	117.0	ST	Nat Gas	FO6	1955
Werner (Middlesex)	GT1	53.1	53.0	73.0	GT	FO2	FO6	1972
	GT2	53.1	53.0	73.0	GT	FO2	FO6	1972
	GT3	53.1	53.0	73.0	GT	FO2	FO6	1972
	GT4	53.1	53.0	73.0	GT	FO2	FO6	1972
Yards Creek (Warren)	**1	60.0	58.0	60.0	ST	FO6		1953
	**1	137.0	110.0	110.0	HF	Water		1965

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>New Jersey</b>								
Jersey Central Power&Light Co	**2	137.0	110.0	110.0	HR	Water		1965
	**3	112.9	110.0	110.0	HR	Water		1965
Public Service Electric&Gas Co Bayonne (Hudson) .....	1	21.3	19.0	24.0	GT	KER		1970
	2	21.3	19.0	24.0	GT	KER		1970
Bergen (Bergen) .....	1	325.2	285.0	300.0	ST	Nat Gas	FO6	1959
	2	325.2	285.0	300.0	ST	Nat Gas	FO6	1960
	3	18.6	17.0	21.0	GT	Nat Gas		1967
	4	43.2	40.0	53.0	GT	FO2		1975
Burlington (Burlington) .....	10	167.4	176.0	208.0	GT	KER		1972
	11	167.4	176.0	208.0	GT	KER		1972
	7	205.0	180.0	185.0	ST	FO6		1955
	8	18.6	17.0	21.0	GT	KER		1967
	9	167.4	176.0	208.0	GT	KER		1972
Edison (Middlesex) .....	1	167.4	154.0	188.0	GT	Nat Gas	KER	1971
	2	167.4	154.0	188.0	GT	Nat Gas	KER	1971
	3	167.4	154.0	188.0	GT	Nat Gas	KER	1971
Essex (Essex) .....	10	167.4	155.0	192.0	GT	Nat Gas	KER	1971
	11	167.4	176.0	208.0	GT	Nat Gas	KER	1972
	12	167.4	176.0	208.0	GT	Nat Gas	KER	1971
	9	53.1	53.0	71.0	GT	Nat Gas	KER	1971
Hope Creek (Salem) .....	**1	1,170.0	1,031.0	1,073.0	NB	Uranium		1986
Hudson (Hudson) .....	1	454.8	383.0	405.0	ST	Nat Gas	FO6	1964
	2	659.7	600.0	620.0	ST	BIT	Nat Gas	1968
	3	115.2	124.0	135.0	GT	KER		1967
Kearny (Hudson) .....	10	146.3	121.0	154.0	GT	Nat Gas	KER	1970
	11	146.3	122.0	154.0	GT	Nat Gas	KER	1969
	12	206.3	192.0	250.0	GT	KER		1973
	7	157.1	146.0	148.0	ST	FO6		1953
	8	157.1	146.0	148.0	ST	FO6		1953
Linden (Union) .....	9	18.6	17.0	21.0	GT	Nat Gas		1967
	1	259.7	<sup>2</sup> 234.0	<sup>2</sup> 254.0	ST	FO6		1957
	2	259.7	242.0	245.0	ST	FO6		1957
	3	18.6	17.0	21.0	GT	Nat Gas		1967
	4	93.5	2 -	2 -	ST	FO6		1972
	5	23.8	23.0	30.0	GT	Nat Gas	FO2	1970
	6	23.8	23.0	30.0	GT	Nat Gas	FO2	1970
	7	23.8	23.0	30.0	GT	Nat Gas	KER	1970
	8	23.8	23.0	30.0	GT	KER	Nat Gas	1970
9	206.3	192.0	250.0	GT	KER	FO2	1973	
Mercer (Mercer) .....	GT3	115.2	124.0	140.0	GT	KER		1967
	1	326.4	306.0	310.0	ST	BIT	Nat Gas	1960
	2	326.4	306.0	310.0	ST	BIT	Nat Gas	1961
National Park (Gloucester) .....	GT1	18.6	17.0	21.0	GT	FO2		1969
	**GT3	41.9	38.0	48.0	GT	FO2		1971
Salem (Salem) .....	**1	1170.0	1106.0	1120.0	NP	Uranium		1976
Sewaren (Middlesex) .....	**2	1170.0	1106.0	1120.0	NP	Uranium		1981
	1	110.8	104.0	107.0	ST	Nat Gas	FO6	1948
	2	107.5	111.0	113.0	ST	Nat Gas	FO6	1948
	3	116.3	107.0	109.0	ST	Nat Gas	FO6	1949
	4	126.5	124.0	127.0	ST	Nat Gas	FO6	1951
	5	389.0	326.0	344.0	ST	FO6		1962
	6	115.2	90.0	99.0	GT	KER		1965
Vineland City of Howard Down (Cumberland) .....	10	25.0	23.0	23.0	ST	BIT	FO6	1970
	5	4.0	3.0	3.0	ST	FO6		1942
	6	5.0	4.0	4.0	ST	FO6		1949
	7	7.5	7.0	7.0	ST	FO6		1952
	8	12.5	11.0	11.0	ST	FO6		1955
	9	16.5	17.0	17.0	ST	FO6		1960
West Station (Cumberland) .....	1	27.0	26.0	32.0	GT	FO2		1972

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>New Mexico</b>								
Arizona Public Service Co Four Corners (San Juan) .....	1	190.1	170.0	170.0	ST	BIT		1963
	2	190.1	170.0	170.0	ST	BIT		1963
	3	253.4	220.0	220.0	ST	BIT		1964
	**4	818.1	739.0	739.0	ST	BIT		1969
	**5	818.1	739.0	739.0	ST	BIT		1970
Bureau of Reclamation Elephant Butte (Sierra) .....	1	8.1	8.1	8.1	HC	Water		1940
	2	8.1	8.1	8.1	HC	Water		1940
	3	8.1	8.1	8.1	HC	Water		1940
El Paso Electric Co Rio Grande (Doha Ana) .....	6	50.0	48.0	48.4	ST	Nat Gas	FO2	1957
	7	50.0	48.0	48.3	ST	Nat Gas	FO2	1958
	8	166.5	150.2	150.9	ST	Nat Gas	FO2	1972
Farmington City of Animas (San Juan) .....	HY1	.2	.2	.2	HC	Water		1927
	ST4	16.5	17.0	17.0	ST	Nat Gas	FO2	1959
	1	3.0	3.0	3.0	ST	Nat Gas		1955
	2	3.0	3.0	3.0	ST	Nat Gas		1955
	3	9.0	9.0	9.0	ST	Nat Gas	FO2	1958
Navajo (San Juan) .....	1	15.0	16.0	16.0	HC	Water		1988
	2	15.0	16.0	16.0	HC	Water		1988
Lea County Electric Coop Inc North Lovington (Lea) .....	S1	16.0	16.0	16.0	ST	Nat Gas	FO2	1962
	S2	33.0	33.0	33.0	ST	Nat Gas	FO2	1966
Plains Elec Gen&Trans Coop Inc Algodones (Sandoval) .....	1	15.0	15.0	15.0	ST	Nat Gas	FO6	1954
	2	15.0	15.0	15.0	ST	Nat Gas	FO6	1954
	3	15.0	15.0	15.0	ST	Nat Gas	FO6	1959
Escalante (McKinley) .....	1	233.0	230.0	230.0	ST	SUB		1984
Public Service Co of NM Las Vegas (San Miguel) .....	1	20.0	15.5	20.0	GT	Nat Gas	FO2	1973
Person (Bernalillo) .....	ST4	33.0	33.2	33.2	ST	Nat Gas	FO2	1957
	1	22.0	18.1	18.1	ST	Nat Gas	FO2	1952
	2	22.0	22.2	22.2	ST	Nat Gas	FO2	1953
Reeves (Bernalillo) .....	1	44.0	44.0	44.0	ST	Nat Gas	FO6	1960
	2	44.0	44.0	44.0	ST	Nat Gas	FO6	1958
	3	66.0	66.0	66.0	ST	Nat Gas	FO6	1962
San Juan (San Juan) .....	**1	361.0	316.0	316.0	ST	BIT		1976
	**2	350.0	312.0	312.0	ST	BIT		1973
	**3	534.0	488.0	488.0	ST	BIT		1979
	**4	534.0	498.0	498.0	ST	BIT		1981
Raton Public Service Co Raton (Colfax) .....	3	1.5	1.8	1.8	ST	BIT		1937
	4	3.0	3.2	3.2	ST	BIT		1951
	5	6.0	6.9	6.9	ST	BIT		1961
Southwestern Public Service Co Carlsbad (Eddy) .....	5	16.3	16.0	16.0	GT	Nat Gas		1977
Cunningham (Lea) .....	1	75.0	71.0	71.0	ST	Nat Gas		1957
	2	190.4	196.0	196.0	ST	Nat Gas		1965
Maddox (Lea) .....	1	113.6	118.0	118.0	ST	Nat Gas		1967
	2	86.9	66.0	66.0	GT	Nat Gas		1976
Tucumanari (Quay) .....	3	1.0	1.0	1.0	IC	FO2		1980
	4	2.3	2.0	2.0	IC	FO2		1980
	6	4.1	3.0	3.0	IC	FO2		1980
	8	3.0	3.0	3.0	IC	FO2		1980
	9	4.8	5.0	5.0	IC	FO2		1980

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>New Mexico</b>									
Texas-New Mexico Power Co Lordsburg (Hidalgo)	1	13.0	9.6	11.3	CT	FO2		1964	
	2	5.0	4.7	4.8	CW	WH		1939	
	3	11.5	10.9	11.0	ST	Nat Gas	FO4	1949	
	4	25.0	19.0	22.0	ST	Nat Gas	FO4	1968	
U S ERDA-Los Alamos Area Off TA 3 (Los Alamos)	ST2	5.0	5.0	5.0	ST	Nat Gas	FO2	1950	
	ST3	10.0	10.0	10.0	ST	Nat Gas	FO2	1952	
	1	5.0	5.0	5.0	ST	Nat Gas	FO2	1950	
<b>New York</b>									
Central Hudson Gas & Elec Corp Danskammer (Orange)	1	72.0	60.0	60.0	ST	FO6	Nat Gas	1951	
	2	73.5	62.0	62.0	ST	FO6	Nat Gas	1954	
	3	147.1	136.0	136.0	ST	BIT	Nat Gas	1959	
	4	239.4	230.0	230.0	ST	BIT	Nat Gas	1967	
	5	2.8	2.5	2.5	IC	FO2		1966	
	6	2.8	2.5	2.5	IC	FO2		1966	
	Dashville (Ulster)	1	2.4	1.5	1.9	HC	Water		1920
		2	2.4	1.5	1.9	HC	Water		1920
	High Falls (Ulster)	1	3.2	1.2	2.7	HC	Water		1986
	Neversink (Sullivan)	H1	25.0	24.0	24.0	HC	Water		1953
	Roseton (Orange)	**1	621.0	600.0	600.0	ST	FO6		1974
		**2	621.0	600.0	600.0	ST	FO6		1974
	South Cairo (Greene)	GT1	21.6	19.0	24.0	GT	KER		1970
Sturgeon Pool (Ulster)	H1	4.8	4.9	5.0	HC	Water		1924	
	H2	4.8	4.9	5.0	HC	Water		1924	
	H3	4.8	4.8	4.8	HC	Water		1924	
West Coxsackie (Greene)	GT1	21.6	19.0	24.0	GT	Nat Gas	KER	1969	
Central Vermont Pub Serv Corp Carver Falls (Washington)	1	1.1	1.2	1.2	HC	Water		1921	
	2	.5	.6	.6	HC	Water		1921	
Consolidated Edison Co-NY Inc Arthur Kill (Richmond)	GT1	16.3	16.0	18.0	GT	FO2		1970	
	2	376.2	335.0	350.0	ST	FO6		1959	
	3	535.5	491.0	501.0	ST	FO6		1969	
	Astoria (Queens)	GT1	16.0	15.0	18.0	GT	Nat Gas		1967
		GT5	19.8	13.0	15.0	GT	FO2		1970
		ST1	200.0	171.0	175.0	ST	Nat Gas	FO6	1953
		ST5	387.2	361.0	369.0	ST	FO6	Nat Gas	1962
		10	25.0	20.0	26.0	GT	FO2		1970
		11	25.0	20.0	26.0	GT	FO2		1971
		12	25.0	20.0	26.0	GT	FO2		1971
		13	25.0	20.0	26.0	GT	FO2		1971
		2	200.0	171.0	175.0	ST	Nat Gas	FO6	1954
		2-1	44.1	39.0	46.0	GT	Nat Gas	KER	1970
		2-2	44.1	39.0	46.0	GT	Nat Gas	KER	1970
		2-3	44.1	39.0	46.0	GT	Nat Gas	KER	1970
		2-4	44.1	39.0	46.0	GT	Nat Gas	KER	1970
	3	376.2	353.0	361.0	ST	FO6	Nat Gas	1958	
	3-1	44.1	39.0	46.0	GT	Nat Gas	KER	1970	
	3-2	44.1	39.0	46.0	GT	Nat Gas	KER	1970	
	3-3	44.1	39.0	46.0	GT	Nat Gas	KER	1970	
	3-4	44.1	39.0	46.0	GT	Nat Gas	KER	1970	
	4	387.2	361.0	369.0	ST	FO6	Nat Gas	1961	
	4-1	44.1	39.0	46.0	GT	Nat Gas	KER	1970	
	4-2	44.1	39.0	46.0	GT	Nat Gas	KER	1970	
	4-3	44.1	39.0	46.0	GT	Nat Gas	KER	1970	
	4-4	44.1	39.0	46.0	GT	Nat Gas	KER	1970	
	7	19.8	13.0	15.0	GT	FO2		1970	
8	19.8	13.0	15.0	GT	FO2		1970		
9	19.8	13.0	15.0	GT	FO2		1970		

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>New York</b>								
Consolidated Edison Co-NY Inc								
Buchanan (Westchester) .....	GT2	25.0	21.0	27.0	GT	FO2		1971
	GT3	19.8	16.0	20.0	GT	FO2		1970
East River (New York) .....	5	156.3	130.0	134.0	ST	FO6	Nat Gas	1951
	6	156.3	130.0	134.0	ST	FO6	Nat Gas	1951
	7	200.0	170.0	175.0	ST	FO6	Nat Gas	1955
Gowanus (Kings) .....	1A	21.5	17.0	22.0	GT	FO2		1971
	1B	21.5	17.0	22.0	GT	FO2		1971
	1C	21.5	17.0	22.0	GT	FO2		1971
	1D	21.5	17.0	22.0	GT	FO2		1971
	1E	21.5	17.0	22.0	GT	FO2		1971
	1F	21.5	17.0	22.0	GT	FO2		1971
	1G	21.5	17.0	22.0	GT	FO2		1971
	1H	21.5	17.0	22.0	GT	FO2		1971
	2A	21.5	17.0	22.0	GT	FO2		1971
	2B	21.5	17.0	22.0	GT	FO2		1971
	2C	21.5	17.0	22.0	GT	FO2		1971
	2D	21.5	17.0	22.0	GT	FO2		1971
	2E	21.5	17.0	22.0	GT	FO2		1971
	2F	21.5	17.0	22.0	GT	FO2		1971
	2G	21.5	17.0	22.0	GT	FO2		1971
	2H	21.5	17.0	22.0	GT	FO2		1971
	3A	21.5	17.0	22.0	GT	FO2		1971
	3B	21.5	17.0	22.0	GT	FO2		1971
	3C	21.5	17.0	22.0	GT	FO2		1971
	3D	21.5	17.0	22.0	GT	FO2		1971
	3E	21.5	17.0	22.0	GT	FO2		1971
	3F	21.5	17.0	22.0	GT	FO2		1971
	3G	21.5	17.0	22.0	GT	FO2		1971
	3H	21.5	17.0	22.0	GT	FO2		1971
	4A	21.5	17.0	22.0	GT	FO2		1971
	4B	21.5	17.0	22.0	GT	FO2		1971
	4C	21.5	17.0	22.0	GT	FO2		1971
	4D	21.5	17.0	22.0	GT	FO2		1971
	4E	21.5	17.0	22.0	GT	FO2		1971
	4F	21.5	17.0	22.0	GT	FO2		1971
	4G	21.5	17.0	22.0	GT	FO2		1971
	4H	21.5	17.0	22.0	GT	FO2		1971
Hudson Avenue (Kings) .....	GT1	17.1	13.0	16.0	GT	KER		1968
	GT2	18.6	17.0	20.0	GT	KER		1968
	GT3	16.3	14.0	17.0	GT	FO2		1970
	GT5	16.3	14.0	17.0	GT	FO2		1970
	10	75.0	44.0	44.0	ST	FO6		1951
Indian Point (Westchester) .....	4	16.3	14.0	17.0	GT	FO2		1970
	GT1	16.6	19.0	25.0	GT	FO2		1969
Narrows (Kings) .....	2	1013.0	849.0	864.0	NP	Uranium		1973
	GT1	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	GT2	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	GT3	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	GT4	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	GT5	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	GT6	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	GT7	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	GT8	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-1	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-2	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-3	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-4	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-5	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-6	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-7	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-8	24.6	17.0	23.0	GT	Nat Gas	KER	1972
Ravenswood (Queens) .....	GT1	16.0	15.0	18.0	GT	Nat Gas		1967
	GT4	16.3	16.0	18.0	GT	Nat Gas		1970
	GT5	16.3	16.0	19.0	GT	Nat Gas	KER	1970
	GT6	15.8	17.0	20.0	GT	Nat Gas	KER	1970

See footnotes at end of table.



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>New York</b>								
Consolidated Edison Co-NY Inc								
	GT7	15.8	17.0	20.0	GT	Nat Gas	KER	1970
	GT8	22.4	19.0	23.0	GT	Nat Gas	KER	1970
	GT9	22.4	19.0	23.0	GT	Nat Gas	KER	1970
	G10	22.4	19.0	23.0	GT	Nat Gas	KER	1970
	G11	22.4	19.0	23.0	GT	Nat Gas	KER	1970
	1	400.0	385.0	390.0	ST	Nat Gas	FO6	1962
	2	400.0	385.0	390.0	ST	Nat Gas	FO6	1963
	2-1	39.0	32.0	41.0	GT	Nat Gas	KER	1970
	2-2	39.0	32.0	41.0	GT	Nat Gas	KER	1970
	2-3	39.0	32.0	41.0	GT	Nat Gas	KER	1970
	2-4	39.0	32.0	41.0	GT	Nat Gas	KER	1970
	3	1027.7	972.0	972.0	ST	FO6	Nat Gas	1965
	3-1	39.0	32.0	41.0	GT	Nat Gas	KER	1970
	3-2	39.0	32.0	41.0	GT	Nat Gas	KER	1970
	3-3	39.0	32.0	41.0	GT	Nat Gas	KER	1970
	3-4	39.0	32.0	41.0	GT	Nat Gas	KER	1970
Waterside (New York) .....	GT1	14.0	11.0	14.0	GT	KER		1968
	14	60.0	53.0	58.0	ST	Nat Gas	FO6	1948
	15	75.0	65.0	70.0	ST	Nat Gas	FO6	1949
	4	50.0	29.0	29.0	ST	Nat Gas	FO6	1937
	5	66.3	34.0	34.0	ST	Nat Gas	FO6	1938
	7	81.3	57.0	57.0	ST	Nat Gas	FO6	1941
	8	62.5	45.0	45.0	ST	Nat Gas	FO6	1949
	9	62.5	45.0	45.0	ST	Nat Gas	FO6	1949
59th Street (New York) .....	GT1	17.1	17.0	20.0	GT	KER		1969
	GT2	17.1	17.0	20.0	GT	KER		1969
	13	57.5	67.0	67.0	ST	FO6		1952
	14	22.0	16.0	16.0	ST	FO6		1962
	15	35.0	19.0	19.0	ST	FO6		1968
74th Street (New York) .....	GT1	18.6	17.0	20.0	GT	KER		1968
	GT2	18.6	17.0	20.0	GT	KER		1968
	10	69.0	65.0	65.0	ST	FO6		1956
	11	35.0	36.0	36.0	ST	FO6		1962
	9	75.0	65.0	65.0	ST	FO6		1959
Fishers Island Electric Corp								
Fishers Island (Suffolk) .....	4	.4	.4	.4	IC	FO2		1965
	5	.8	.8	.8	IC	FO2		1957
Freeport Village of Inc								
Plant No 1 (Nassau) .....	1	2.1	1.5	2.0	IC	FO2		1941
	2	3.0	2.5	2.8	IC	FO2		1949
	3	3.2	2.7	2.9	IC	FO2		1954
	4	5.2	4.8	5.0	IC	FO2		1964
Plant No 2 (Nassau) .....	1	9.6	8.0	9.0	IC	FO2		1969
	2	9.6	8.0	9.0	IC	FO2		1969
	3	18.2	16.8	18.0	GT	FO2		1973
Gouverneur City of								
Gouverneur (St Lawrence) .....	1	.1	.2	.2	HC	Water		1926
	2	.1	.2	.2	HC	Water		1926
Greenport Village of								
Greenport (Suffolk) .....	IC3	.7	.7	.7	IC	FO2	Nat Gas	1948
	4	1.3	1.0	1.0	IC	FO2	Nat Gas	1957
	5	1.9	1.5	1.5	IC	FO2	Nat Gas	1965
	6	3.8	3.0	3.0	IC	FO2	Nat Gas	1971
Hydro Development Group Inc								
Copenhagen (Lewis) .....	**1	1.5	1.5	1.5	HC	Water		1984
	**2	1.5	1.5	1.5	HC	Water		1984
	**3	.3	.3	.3	HC	Water		1984
Dexter (Jefferson) .....	1	.5	.5	.5	HC	Water		1931
	2	.5	.5	.5	HC	Water		1931
	3	.2	.2	.2	HC	Water		1958

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>New York</b>								
Hydro Development Group Inc	5	0.3	0.3	0.3	HC	Water		1986
	6	3	3	3	HC	Water		1986
	7	1.3	1.3	1.3	HC	Water		1988
Diamond Island (Jefferson) .....	8	1.3	1.3	1.3	HC	Water		1988
	1	.4	.4	.4	HC	Water		1914
	2	.4	.4	.4	HC	Water		1914
Fowler No 7 Mill (St Lawrence) .....	3	.4	.4	.4	HC	Water		1914
	1	.3	.3	.3	HC	Water		1922
	2	.3	.3	.3	HC	Water		1922
Halesboro No 3 Mill (St Lawrence) .....	3	.3	.3	.3	HC	Water		1922
	1	.5	.5	.5	HC	Water		1984
Halesboro No 4 Mill (St Lawrence) .....	2	.5	.5	.5	HC	Water		1984
	1	.9	.9	.9	HC	Water		1922
Halesboro No 6 Mill (St Lawrence) .....	2	.6	.6	.6	HC	Water		1922
	1	.5	.5	.5	HC	Water		1983
	2	.5	.5	.5	HC	Water		1983
Pyrites 1 (St Lawrence) .....	**1	1.2	1.2	1.2	HC	Water		1948
Pyrites 2 (St Lawrence) .....	**1	3.5	3.5	3.5	HC	Water		1985
	**2	3.5	3.5	3.5	HC	Water		1985
Thoroza (Jefferson) .....	1	1.0	1.0	1.0	HC	Water		1929
	2	.3	.3	.3	HC	Water		1927
Jamestown City of S A Carlson (Chautauqua) .....	5	30.5	25.0	25.0	ST	BIT		1951
	6	27.2	25.0	25.0	ST	BIT		1968
Long Island Lighting Co E F Barrett (Nassau) .....	GT1	18.0	15.8	20.0	GT	Nat Gas	FO2	1970
	GT2	18.0	15.8	20.0	GT	Nat Gas	FO2	1970
	ST1	187.5	192.0	192.0	ST	Nat Gas	FO6	1956
	ST2	187.5	193.0	193.0	ST	Nat Gas	FO6	1963
	10	41.9	41.5	51.5	GT	Nat Gas	FO2	1971
	11	41.9	41.5	51.5	GT	Nat Gas	FO2	1971
	12	41.9	41.5	51.5	GT	Nat Gas	FO2	1971
	3	18.0	15.8	20.0	GT	Nat Gas	FO2	1970
	4	18.0	15.8	20.0	GT	Nat Gas	FO2	1970
	5	18.0	15.8	20.0	GT	Nat Gas	FO2	1970
	6	18.0	15.8	20.0	GT	Nat Gas	FO2	1970
	7	18.0	15.8	20.0	GT	Nat Gas	FO2	1970
	8	18.0	15.8	20.0	GT	Nat Gas	FO2	1970
	9	41.9	41.5	51.5	GT	Nat Gas	FO2	1970
East Hampton (Suffolk) .....	1	21.3	21.0	25.0	GT	Nat Gas	FO2	1971
	2	2.0	2.0	2.0	IC	FO2		1970
	3	2.0	2.0	2.0	IC	FO2		1962
	4	2.0	2.0	2.0	IC	FO2		1962
Far Rockaway (Queens) .....	4	113.6	115.0	115.0	ST	FO6	Nat Gas	1953
Glenwood (Nassau) .....	GT2	55.4	53.5	67.5	GT	FO2		1972
	GT3	55.4	53.5	67.5	GT	FO2		1972
	1	16.0	16.0	20.0	GT	FO2		1967
	4	113.6	110.0	110.0	ST	Nat Gas	FO6	1952
Holtsville (Suffolk) .....	5	113.6	110.0	106.0	ST	Nat Gas	FO6	1954
	1	56.7	49.6	65.8	GT	FO2		1974
	10	56.7	49.6	65.8	GT	FO2		1974
	2	56.7	49.6	65.8	GT	FO2		1975
	3	56.7	49.6	65.8	GT	FO2		1974
	4	56.7	49.6	65.8	GT	FO2		1974
	5	56.7	49.6	65.8	GT	FO2		1974
	6	56.7	49.6	65.8	GT	FO2		1974
	7	56.7	49.6	65.8	GT	FO2		1975
	8	56.7	49.6	65.8	GT	FO2		1975
	9	56.7	49.6	65.8	GT	FO2		1975
Montauk (Suffolk) .....	2	2.0	2.0	2.0	IC	FO2		1975
	3	2.0	2.0	2.0	IC	FO2		1962
	4	2.0	2.0	2.0	IC	FO2		1965
Northport (Suffolk) .....	GT1	16.0	15.0	19.0	GT	FO2		1965
					GT	FO2		1967

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>New York</b>								
Long Island Lighting Co	ST1	387.1	383.0	383.0	ST	FO6		1967
	2	387.1	384.0	383.0	ST	FO6		1968
	3	387.1	370.0	370.0	ST	FO6		1972
	4	387.1	379.0	379.0	ST	FO6		1977
Port Jefferson (Suffolk)	GT1	16.0	16.0	20.0	GT	FO2		1966
	ST1	46.0	48.0	47.0	ST	FO6		1948
	2	46.0	46.0	46.0	ST	FO6		1950
	3	187.5	194.0	192.0	ST	FO6		1958
Shoreham (Suffolk)	4	187.5	194.0	194.0	ST	FO6		1960
	GT1	52.9	47.0	62.0	GT	FO2		1971
	GT2	18.6	17.0	21.0	GT	FO2		1966
	01	2.0	2.0	2.0	IC	FO2		1985
South Hampton (Suffolk)	02	2.0	2.0	2.0	IC	FO2		1985
	03	2.0	2.0	2.0	IC	FO2		1985
	04	2.0	2.0	2.0	IC	FO2		1985
	1	11.5	11.0	14.0	GT	FO2		1963
Southold (Suffolk)	1	14.0	14.0	17.0	GT	FO2		1964
Wading River (Suffolk)	02	79.5	82.3	105.3	GT	FO2		1989
West Babylon (Suffolk)	03	79.5	82.3	105.3	GT	FO2		1989
	1	79.5	82.3	105.3	GT	FO2		1989
	4	52.9	48.0	63.0	GT	FO2		1971
<b>New York State Elec &amp; Gas Corp</b>								
Cadyville (Clinton)	1	1.2	1.2	1.2	HC	Water		1921
	2	1.2	1.2	1.2	HC	Water		1921
	3	3.1	3.1	3.1	HC	Water		1986
Goudey (Broome)	7	43.8	44.0	44.0	ST	BIT		1943
	8	75.0	84.0	84.0	ST	BIT		1951
Greenidge (Yates)	3	58.8	55.0	55.0	ST	BIT		1950
	4	112.5	108.0	108.0	ST	BIT		1953
Harris Lake (Essex)	1	1.8	2.0	2.0	IC	FO2		1967
Hickling (Stouben)	1	37.5	37.0	37.0	ST	BIT	WD	1948
	2	49.0	51.0	51.0	ST	BIT	WD	1952
High Falls (Clinton)	1	4.0	4.0	4.0	HC	Water		1948
	2	4.0	4.0	4.0	HC	Water		1949
	3	7.0	7.9	7.9	HC	Water		1956
Jennison (Chenango)	1	37.5	33.0	33.0	ST	BIT	WD	1945
	2	37.5	38.0	38.0	ST	BIT	WD	1950
Kent Falls (Clinton)	1	3.2	3.0	3.0	HC	Water		1928
	2	3.2	3.0	3.0	HC	Water		1928
	3	6.0	6.0	6.0	HC	Water		1985
Keuka (Stouben)	1	2.0	2.0	2.0	HC	Water		1928
Mechanicville (Saratoga)	1	8.3	8.2	8.2	HC	Water		1983
	2	8.3	8.2	8.2	HC	Water		1983
Mill C (Clinton)	1	1.0	1.0	1.0	HC	Water		1944
	2	1.3	1.3	1.3	HC	Water		1943
	3	3.8	3.6	3.6	HC	Water		1984
Milliken (Tompkins)	IC1	2.8	2.8	2.8	IC	FO2		1967
	IC2	2.8	2.8	2.8	IC	FO2		1967
Rainbow Falls (Clinton)	1	155.3	157.0	157.0	ST	BIT		1955
	2	167.2	160.0	160.0	ST	BIT		1958
Seneca Falls (Seneca)	1	1.3	1.4	1.4	HC	Water		1926
	2	1.3	1.4	1.4	HC	Water		1927
Somerset (Niagara)	1	2.0	1.5	1.5	HC	Water		1917
	2	2.0	1.5	1.5	HC	Water		1917
	3	2.0	1.5	1.5	HC	Water		1917
	4	2.0	1.5	1.5	HC	Water		1917
Waterloo (Seneca)	1	655.1	684.0	684.0	ST	BIT		1984
Waterloo (Seneca)	1	.5	.5	.5	HC	Water		1915
	2	.5	.5	.5	HC	Water		1915
	3	.5	.5	.5	HC	Water		1915
	4	.5	.5	.5	HC	Water		1915

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>New York</b>								
Niagara Mohawk Power Corp								
Albany (Albany)								
	G11	38.9	31.8	41.0	GT	Nat Gas	KER	1969
	G12	38.9	31.8	41.0	GT	Nat Gas	KER	1969
	G13	38.9	31.8	41.0	GT	Nat Gas	KER	1969
	G14	38.9	31.8	41.0	GT	Nat Gas	KER	1969
	IC1	.7	.6	.7	IC	FO2	KER	1969
	1	100.0	100.0	100.0	ST	Nat Gas	FO6	1987
	2	100.0	100.0	100.0	ST	Nat Gas	FO6	1952
	3	100.0	100.0	100.0	ST	Nat Gas	FO6	1952
	4	100.0	100.0	100.0	ST	Nat Gas	FO6	1953
Albany Falls (St Lawrence)	1	4.4	3.5	4.0	HC	Water	FO6	1954
Bakers Falls (Washington)	1	.8	.7	.7	HC	Water		1927
	2	.8	.7	.7	HC	Water		1902
	3	.8	.7	.7	HC	Water		1902
Brookville (Onondaga)	1	.3	.4	.4	HC	Water		1902
	2	.3	.4	.4	HC	Water		1927
Boardman (Herkimer)	1	10.0	8.0	8.0	HC	Water		1927
	2	10.0	8.0	8.0	HC	Water		1924
Beacon Island (Jefferson)	**1	4.0	3.3	3.3	HC	Water		1924
	**2	4.0	3.3	3.3	HC	Water		1968
Beffort (Lewis)	1	.4	.4	.4	HC	Water		1963
	2	.6	.4	.4	HC	Water		1903
	3	1.0	1.0	1.0	HC	Water		1915
Bennetts Bridge (Oswego)	1	6.4	6.5	6.2	HC	Water		1918
	2	6.4	6.5	6.2	HC	Water		1970
	3	7.0	7.0	7.0	HC	Water		1970
	4	7.0	7.0	7.0	HC	Water		1966
Black River (Jefferson)	1	2.0	1.7	1.9	HC	Water		1964
	2	2.0	1.7	1.9	HC	Water		1920
	3	2.0	1.7	1.9	HC	Water		1920
Blake (St Lawrence)	1	14.4	14.0	14.9	HC	Water		1920
Browns Falls (St Lawrence)	1	7.5	7.4	7.4	HC	Water		1957
	2	7.5	7.4	7.4	HC	Water		1923
C. R. Huntley (Erie)	IC1	.7	.6	.7	IC	FO2		1967
	S68	218.0	190.0	190.0	ST	BIT		1958
	63	92.0	85.0	85.0	ST	BIT		1942
	64	100.0	85.0	85.0	ST	BIT		1948
	65	100.0	85.0	85.0	ST	BIT		1953
	66	100.0	85.0	85.0	ST	BIT		1954
	67	218.0	185.0	185.0	ST	BIT		1957
Cheson (Franklin)	1	1.0	1.0	1.3	HC	Water		1913
	2	1.0	1.0	1.3	HC	Water		1913
	3	1.4	1.2	1.3	HC	Water		1926
Colton (St Lawrence)	1	10.0	9.5	9.5	HC	Water		1962
	2	10.0	9.5	9.5	HC	Water		1918
	3	10.0	9.0	9.0	HC	Water		1928
Doronet (Jefferson)	1	3.6	2.9	3.4	HC	Water		1925
	2	3.6	2.9	3.4	HC	Water		1925
	3	3.6	2.9	3.4	HC	Water		1925
Dunkirk (Chautauqua)	IC1	.7	.6	.7	IC	FO2		1967
	ST4	218.0	195.0	195.0	ST	BIT		1960
	1	96.0	90.0	90.0	ST	BIT		1950
	2	96.0	90.0	90.0	ST	BIT		1950
	3	218.0	195.0	195.0	ST	BIT		1959
F. J. West (Saratoga)	1	10.0	7.7	7.7	HC	Water		1930
	2	10.0	7.7	7.7	HC	Water		1930
Esque (Lewis)	1	1.3	1.0	1.0	HC	Water		1914
	2	1.4	1.0	1.0	HC	Water		1915
	3	1.4	1.0	1.0	HC	Water		1919
	4	2.1	2.0	2.0	HC	Water		1925
East Norfolk (St Lawrence)	1	3.0	3.6	3.6	HC	Water		1928
El Weir (St Lawrence)	1	.5	.3	.3	HC	Water		1928
	2	1.1	.5	.8	HC	Water		1936
	3	1.1	.5	.8	HC	Water		1938
Elroy (Lewis)	1	.4	.4	.4	HC	Water		1902
	2	.4	.4	.4	HC	Water		1907

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>New York</b>								
Niagara Mohawk Power Corp	3	0.6	0.6	0.6	HC	Water		1910
	4	1.6	1.3	1.3	HC	Water		1923
Elmer (Lewis)	1	.8	.8	.8	HC	Water		1916
	2	.8	.8	.8	HC	Water		1920
Ephratah (Fulton)	1	1.4	.5	.6	HC	Water		1911
	2	1.2	.5	.6	HC	Water		1911
	3	1.3	.5	.6	HC	Water		1911
	4	1.3	.5	.6	HC	Water		1924
Feodor Dam (Saratoga)	1	1.2	.9	.9	HC	Water		1924
	2	1.2	.9	.9	HC	Water		1924
	3	1.2	.9	.9	HC	Water		1924
	4	1.2	.9	.9	HC	Water		1924
	5	1.2	.9	.9	HC	Water		1955
Five Falls (St Lawrence)	1	22.5	23.9	23.9	HC	Water		1924
Flat Rock (St Lawrence)	1	3.0	2.5	2.5	HC	Water		1924
	2	3.0	2.5	2.5	HC	Water		1911
Franklin (Franklin)	1	1.1	1.0	1.1	HC	Water		1926
	2	1.1	1.0	1.1	HC	Water		1924
Fulton (Oswego)	1	.8	.5	.5	HC	Water		1928
	2	.5	.5	.5	HC	Water		1950
Glenwood (Orleans)	1	.5	.3	.1	HC	Water		1950
	2	.5	.2	.1	HC	Water		1950
	3	.5	.2	.1	HC	Water		1983
Granby (Oswego)	1	5.0	3.5	3.5	HC	Water		1983
	2	5.0	3.5	3.5	HC	Water		1971
Green Island (Albany)	1	1.5	1.1	1.4	HC	Water		1971
	2	1.5	1.1	1.4	HC	Water		1971
	3	1.5	1.1	1.4	HC	Water		1971
	4	1.5	1.1	1.4	HC	Water		1914
Hannawa (St Lawrence)	1	3.6	3.7	3.7	HC	Water		1920
	2	3.6	3.7	3.7	HC	Water		1924
Herrings (Jefferson)	1	1.8	1.1	1.5	HC	Water		1924
	2	1.8	1.1	1.5	HC	Water		1924
	3	1.8	1.1	1.5	HC	Water		1924
Heuvelton (St Lawrence)	1	.5	.4	.4	HC	Water		1924
	2	.5	.4	.4	HC	Water		1928
High Dam (Oswego)	1	1.8	1.0	1.5	HC	Water		1928
	2	1.8	1.0	1.5	HC	Water		1928
	3	1.8	1.0	1.5	HC	Water		1949
	4	2.2	1.0	2.0	HC	Water		1925
High Falls (Lewis)	1	1.6	1.6	1.6	HC	Water		1925
	2	1.6	1.6	1.6	HC	Water		1913
	3	1.6	1.6	1.6	HC	Water		1913
Higley (St Lawrence)	1	1.2	1.1	1.2	HC	Water		1943
	2	1.2	1.1	1.2	HC	Water		1930
	3	2.1	1.1	1.7	HC	Water		1942
Hogansburg (Franklin)	1	.7	.4	.4	HC	Water		1912
Hydraulic Race (Niagara)	1	4.7	2.0	4.6	HC	Water		1912
Inghams (Herkimer)	1	3.2	2.5	2.5	HC	Water		1909
	2	3.2	2.5	2.5	HC	Water		1909
Johnsonville (Rensselaer)	1	2.4	1.5	1.5	HC	Water		1921
	2	2.4	1.5	1.5	HC	Water		1921
Kamargo (Jefferson)	1	1.8	1.6	1.6	HC	Water		1921
	2	1.8	1.6	1.6	HC	Water		1921
	3	1.8	1.5	1.5	HC	Water		1930
Lighthouse Hill (Oswego)	1	3.8	3.8	3.8	HC	Water		1930
	2	3.8	3.8	3.8	HC	Water		1940
Macomb (Franklin)	1	1.0	.9	1.0	HC	Water		1915
Minetto (Oswego)	HY1	1.6	1.3	1.5	HC	Water		1915
	HY2	1.6	1.3	1.5	HC	Water		1915
	HY3	1.6	1.3	1.5	HC	Water		1915
	HY4	1.6	1.3	1.5	HC	Water		1915
	HY5	1.6	1.3	1.5	HC	Water		1948
Moreau (Saratoga)	1	2.8	2.8	2.8	HC	Water		1933
	2	2.0	2.2	2.2	HC	Water		

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>New York</b>								
Niagara Mohawk Power Corp								
Moshier (Herkimer)	1	4.0	4.3	4.3	HC	Water		1929
Nine Mile Point (Oswego)	2	4.0	4.3	4.3	HC	Water		1929
	IC1	2.5	2.3	2.6	IC	FO2		1989
	IC2	2.5	2.3	2.0	IC	FO2		1989
	1	641.8	610.0	610.0	NB	Uranium		1989
	**2	1166.0	1072.0	1090.0	NB	Uranium		1987
Norfolk (St Lawrence)	1	4.5	3.8	4.3	HC	Water		1928
Norwood (St Lawrence)	1	2.0	2.0	2.2	HC	Water		1941
Oak Orchard (Orleans)	1	4	3	3	HC	Water		1988
Oswegatchie (St Lawrence)	N1	.2	2	.2	HC	Water		1913
	1	.6	4	.4	HC	Water		1967
Oswego (Oswego)	IC1	.7	6	.7	IC	FO2		1980
	IC2	.8	.7	.8	IC	FO2		1940
	IC3	.8	.7	.8	IC	FO2		1975
	ST1	92.0	87.9	89.8	ST	FO6		1980
	ST5	902.0	850.0	850.0	ST	FO6		1980
	**ST6	902.0	850.0	850.0	ST	FO6		1941
	2	92.0	87.9	89.8	ST	FO6		1948
	3	92.0	75.0	75.0	ST	FO6		1951
	4	100.0	90.0	90.0	ST	FO6		1914
Oswego Falls East (Oswego)	1	1.5	1.5	1.5	HC	Water		1914
	2	1.5	1.5	1.5	HC	Water		1914
Oswego Falls West (Oswego)	3	1.5	1.5	1.5	HC	Water		1914
	1	.8	.3	.3	HC	Water		1914
	2	.8	.3	.3	HC	Water		1914
	3	.4	.3	.3	HC	Water		1914
	4	.9	.3	.3	HC	Water		1914
	5	.9	.3	.3	HC	Water		1914
Parishville (St Lawrence)	1	2.4	2.3	2.3	HC	Water		1925
Pierceland (St Lawrence)	1	1.5	1.5	.8	HC	Water		1957
	2	.6	.4	.8	HC	Water		1924
	3	.6	.6	.8	HC	Water		1924
Prospect (Herkimer)	1	17.3	18.0	18.0	HC	Water		1959
Rainbow Falls (St Lawrence)	1	22.5	23.7	23.7	HC	Water		1956
Raymondville (St Lawrence)	1	2.0	2.0	2.0	HC	Water		1928
Rottordam (Schonectady)	G13	22.5	13.8	13.8	GT	Nat Gas	FO2	1970
	G15	22.5	13.8	18.3	GT	Nat Gas	FO2	1970
	G17	22.5	13.8	18.3	GT	Nat Gas	FO2	1970
	G18	22.5	13.8	18.0	GT	Nat Gas	FO2	1970
Schaghticoke (Rensselaer)	1	3.3	3.0	3.5	HC	Water		1908
	2	3.3	3.0	3.5	HC	Water		1908
	3	3.3	3.0	3.5	HC	Water		1908
	4	3.3	3.0	3.5	HC	Water		1908
School Street (Albany)	1	7.2	5.2	6.3	HC	Water		1974
	2	7.2	5.2	6.3	HC	Water		1915
	3	7.2	5.2	6.3	HC	Water		1915
	4	7.2	5.2	6.3	HC	Water		1922
	5	10.0	5.2	6.3	HC	Water		1924
Schuylerville (Saratoga)	1	1.6	1.3	1.3	HC	Water		1919
Sowalls (Jefferson)	1	1.0	1.0	1.0	HC	Water		1925
	2	1.0	.9	.9	HC	Water		1925
Shorman Island (Warren)	2	7.2	7.0	7.0	HC	Water		1923
	3	7.2	7.0	7.0	HC	Water		1923
	4	7.2	7.0	7.0	HC	Water		1923
	5	7.2	7.0	7.0	HC	Water		1923
Soft Maple (Lewis)	1	7.5	6.0	6.0	HC	Water		1925
	2	7.5	6.0	6.0	HC	Water		1925
South Colton (St Lawrence)	1	19.4	18.5	20.0	HC	Water		1954
South Edwards (St Lawrence)	1	1.0	1.2	1.2	HC	Water		1937
	2	1.0	1.2	.2	HC	Water		1921
	3	.7	.6	.7	HC	Water		1916
South Glens Falls (Saratoga)	1	2.0	2.0	2.0	HC	Water		1924
	2	1.8	1.5	1.5	HC	Water		1924
Spier Falls (Saratoga)	8	6.8	3.3	7.3	HC	Water		1924
	9	37.6	40.0	40.0	HC	Water		1930

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>New York</b>								
Niagara Mohawk Power Corp								
Stark (St Lawrence)	1	22.5	23.0	23.0	HC	Water		1957
Stowarts Bridge (Saratoga)	1	30.0	29.0	31.2	HC	Water		1952
Stuyvesant Falls (Columbia)	1	2.8	1.5	1.8	HC	Water		1943
Sugar Island (St Lawrence)	1	2.4	2.0	2.0	HC	Water		1924
	2	2.4	2.0	2.0	HC	Water		1924
Taylorville (Lewis)	1	1.1	1.1	1.1	HC	Water		1913
	2	1.1	1.1	1.1	HC	Water		1913
	3	1.1	1.1	1.1	HC	Water		1913
	4	1.2	1.1	1.1	HC	Water		1927
Trouton Falls (Ontario)	5	6.8	7.0	7.0	HC	Water		1919
	6	6.4	6.5	6.5	HC	Water		1919
	7	6.4	6.4	6.4	HC	Water		1922
	8	1	1	1	HC	Water		1902
Varick (Oswego)	2	2.2	1.0	1.3	HC	Water		1926
	3	2.2	1.0	1.3	HC	Water		1926
	4	2.2	1.0	1.3	HC	Water		1926
	5	2.2	1.0	1.3	HC	Water		1926
Waterport (Orleans)	1	2.3	7	4	HC	Water		1941
	2	2.4	7	4	HC	Water		1908
Yaleville (St Lawrence)	1	5	3	3	HC	Water		1940
	2	2	2	2	HC	Water		1940
Orange & Rockland Utils Inc								
Bowling Point (Rockland)	**1	621.0	605.0	605.0	ST	FOG	Nat Gas	1972
	**2	621.0	605.4	605.4	ST	FOG	Nat Gas	1974
	1	18.0	17.0	18.0	HC	Water		1956
Grahamsville (Sullivan)	GT1	41.9	34.8	40.8	GT	Nat Gas	KEH	1971
Hillburn (Rockland)	1	23.0	17.3	16.8	ST	FOG	Nat Gas	1949
Lovett (Rockland)	1	23.0	19.5	18.5	ST	FOG	Nat Gas	1951
	2	23.0	19.5	18.5	ST	FOG	Nat Gas	1955
	3	69.0	68.0	68.0	ST	FOG	Nat Gas	1966
	4	179.5	188.0	188.0	ST	BIT	Nat Gas	1969
	5	200.6	204.3	204.3	ST	BIT	Nat Gas	1969
Mongaup (Sullivan)	1	1.0	9	9	HC	Water		1923
	2	1.0	1.0	1.0	HC	Water		1923
	3	1.0	9	9	HC	Water		1923
	4	1.0	1.0	1.0	HC	Water		1925
Rio (Sullivan)	1	5.0	5.0	5.2	HC	Water		1927
	2	5.0	4.8	4.8	HC	Water		1927
Shoemaker (Orange)	1	41.9	37.7	43.7	GT	Nat Gas	KEH	1971
Swinging Bridge 1 (Sullivan)	1	5.0	4.6	4.6	HC	Water		1929
Swinging Bridge 2 (Sullivan)	1	7.0	7.6	7.6	HC	Water		1939
Power Authority of State of NY								
Ashokan (Ulster)	1	2.4	2.38	2.33	HC	Water		1982
	2	2.4	2	2	HC	Water		1982
Bienheim-Gilboa (Schoharie)	1	250.0	2,104.0	2,104.0	HR	Water		1973
	2	250.0	2	2	HR	Water		1973
	3	250.0	2	2	HR	Water		1973
	4	250.0	2	2	HR	Water		1973
Charles Pointe (Queens)	6	883.0	825.0	825.0	ST	FOG	Nat Gas	1976
Croscont (Albany)	1	2.8	2.0	2.8	HC	Water		1924
	2	2.8	2.0	2.8	HC	Water		1924
Indian Point 3 (Westchester)	3	1013.0	965.0	965.0	NP	Uranium		1976
James A FitzPatrick (Oswego)	1	883.0	800.0	800.0	NB	Uranium		1975
Jarvis (Herkley) (Ontario)	1	4.5	2.0	2.0	HC	Water		1985
	2	4.5	2.0	2.0	HC	Water		1985
Kensico (Westchester)	1	1.0	2.24	2.24	HC	Water		1983
	2	1.0	2	2	HC	Water		1983
	3	1.0	2	2	HC	Water		1983
Lowiston (Niagara)	1	20.0	10,240.0	10,240.0	HR	Water		1961
	10	20.0	10	10	HR	Water		1962
	11	20.0	10	10	HR	Water		1962
	12	20.0	10	10	HR	Water		1962
	2	20.0	10	10	HR	Water		1961
	3	20.0	10	10	HR	Water		1961

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>New York</b>								
Power Authority of State of NY								
	4	20.0	10	10	HH	Water		
	5	20.0	10	10	HH	Water		1902
	6	20.0	10	10	HH	Water		1902
	7	20.0	10	10	HH	Water		1902
	8	20.0	10	10	HH	Water		1902
Moses Niagara (Niagara)	9	20.0	10	10	HH	Water		1902
	1	150.0	10	10	HH	Water		1902
	10	150.0	10	10	HC	Water		1901
	11	150.0	10	10	HC	Water		1901
	12	150.0	10	10	HC	Water		1902
	13	150.0	10	10	HC	Water		1902
	2	150.0	10	10	HC	Water		1902
	3	150.0	10	10	HC	Water		1902
	4	150.0	10	10	HC	Water		1901
	5	150.0	10	10	HC	Water		1901
	6	150.0	10	10	HC	Water		1901
	7	150.0	10	10	HC	Water		1901
	8	150.0	10	10	HC	Water		1901
	9	150.0	10	10	HC	Water		1901
Moses Power Dam (St Lawrence)	17	57.0	2 800.0	2 800.0	HC	Water		1901
	18	57.0	2	2	HC	Water		1959
	19	57.0	2	2	HC	Water		1959
	20	57.0	2	2	HC	Water		1959
	21	57.0	2	2	HC	Water		1959
	22	57.0	2	2	HC	Water		1959
	23	57.0	2	2	HC	Water		1959
	24	57.0	2	2	HC	Water		1959
	25	57.0	2	2	HC	Water		1958
	26	57.0	2	2	HC	Water		1958
	27	57.0	2	2	HC	Water		1958
	28	57.0	2	2	HC	Water		1958
	29	57.0	2	2	HC	Water		1958
	30	57.0	2	2	HC	Water		1958
	31	57.0	2	2	HC	Water		1958
	32	57.0	2	2	HC	Water		1958
Vischor Ferry (Saratoga)	1	2.8	2.0	2.8	HC	Water		1958
	2	2.8	2.0	2.8	HC	Water		1924
Rochester Gas & Electric Corp								
Canina (Wayne)								
	1	517.1	470.0	470.0	NP	Uranium		1969
Mills Mills 172 (Allegany)	1	2	0.0	1	HC	Water		1925
Mt Morris 100 (Livingston)	1	3	0.0	2	HC	Water		1916
Rochester 2 (Monroe)	1	6.5	6.0	6.0	HC	Water		1900
Rochester 26 (Monroe)	1	3.0	2.0	2.0	HC	Water		1952
Rochester 3 (Monroe)	12	81.6	80.0	80.0	ST	BIT		1959
	13	19.0	14.0	18.0	GT	CO <sub>2</sub>		1969
Rochester 5 (Monroe)	HY1	11.3	11.0	13.0	HC	Water		1927
	HY3	15.8	17.0	17.0	HC	Water		1917
	2	11.3	11.0	13.0	HC	Water		1917
Rochester 7 (Monroe)	1	46.0	47.0	47.0	ST	BIT		1948
	2	62.5	65.0	65.0	ST	BIT		1950
	3	62.5	65.0	65.0	ST	BIT		1953
	4	81.6	80.0	80.0	ST	BIT		1957
Rochester 9 (Monroe)	2	19.0	15.0	18.0	GT	Nat Gas		1909
Wiscony 170 (Allegany)	1	6	6	4	HC	Water		1921
	2	5	0.0	3	HC	Water		1921
Rockville Centre Village of								
Rockville (Nassau)								
	10	3.2	3.2	3.2	IC	FO <sub>2</sub>	Nat Gas	1954
	11	5.2	5.2	5.2	IC	FO <sub>2</sub>	Nat Gas	1902
	12	5.5	5.5	5.5	IC	FO <sub>2</sub>	Nat Gas	1967
	13	5.5	5.5	5.5	IC	FO <sub>2</sub>	Nat Gas	1974
	5	2.0	2.0	2.0	IC	FO <sub>2</sub>		1933
	6	2.0	2.0	2.0	IC	FO <sub>2</sub>		1937
	7	2.0	2.0	2.0	IC	FO <sub>2</sub>		1942

See footnotes at end of table



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>New York</b>									
Rockville Centre Village of	0	2.7	2.7	2.7	IC	FO2		1950	
	9	5.2	3.2	3.2	IC	FO2	Nat Gas	1954	
Seneca Hydroelectric Co Inc Seneca (Onondaga)	1	2	2	2	HC	Water		1980	
	2	4	4	4	HC	Water		1984	
	3	4	4	4	HC	Water		1984	
Skanoateles Village of Skanoateles (Onondaga)	1	4	4	4	IC	FO2		1941	
Springville Village of Springville (Cattaraugus)	1	3	3	3	HC	Water		1925	
	2	3	3	3	HC	Water		1924	
Watertown City of City of Watertown (Jefferson)	1	1.8	1.8	1.8	HC	Water		1924	
	2	1.8	1.8	1.8	HC	Water		1924	
	3	1.8	1.8	1.8	HC	Water		1924	
<b>North Carolina</b>									
Blue Ridge Elec Member Corp Sharp Falls (Ashe)	1	2	2	2	HC	Water		1931	
Cape Hatteras Elec Member Corp Buxton (Dare)	2	1.2	.8	.9	IC	FO2		1983	
	4	3	1	1	IC	FO2		1954	
	5	5	3	3	IC	FO2		1954	
	6	5	3	3	IC	FO2		1958	
Carolina Power & Light Co Asheville (Huncombe)	1	206.6	198.0	200.0	ST	BIT		1964	
	2	207.0	194.0	194.0	ST	BIT		1971	
	GT1	17.5	13.0	17.0	GT	FO2		1971	
	GT2	17.5	13.0	17.0	GT	FO2		1971	
	GT3	17.5	13.0	17.0	GT	FO2		1971	
	GT4	17.5	13.0	17.0	GT	FO2		1971	
	1	3.2	3.3	3.1	HC	Water		1911	
	2	3.2	3.3	3.1	HC	Water		1911	
	3	3.2	3.4	3.1	HC	Water		1911	
	4	5.0	4.0	4.9	HC	Water		1911	
	5	5.0	4.0	4.9	HC	Water		1911	
	6	5.0	4.0	4.9	HC	Water		1911	
	Brunswick (Brunswick)	**1	866.7	790.0	790.0	NB	Uranium		1976
		**2	866.7	790.0	790.0	NB	Uranium		1975
Cape Fear (Chatham)	1	15.0	14.0	17.0	CW	WH		1923	
	1A	18.0	14.0	18.0	GT	FO2		1989	
	1B	18.0	14.0	18.0	GT	FO2		1969	
	2	15.0	14.0	17.0	CW	WH		1924	
	2A	18.0	14.0	18.0	GT	FO2		1989	
	2B	18.0	14.0	18.0	GT	FO2		1969	
	3	11.3	32.5	32.5	ST	BIT		1942	
	4	11.3	32.5	32.5	ST	BIT		1943	
	5	140.6	143.0	148.0	ST	BIT		1956	
	6	187.9	173.0	175.0	ST	BIT		1958	
Harris (Wake)	**1	951.0	860.0	860.0	NP	Uranium		1987	
	GT1	37.5	26.0	33.0	GT	FO2		1969	
L V Sutton (Now Hanover)	GTB	37.5	25.9	33.0	GT	FO2		1969	
	GT1	16.0	13.0	18.0	GT	FO2		1968	
	1	112.5	97.0	105.0	ST	BIT		1954	
	2	112.5	106.0	108.0	ST	BIT		1955	
Lee (Wayne)	3	446.6	410.0	416.0	ST	BIT		1972	
	GT1	16.3	14.0	18.0	GT	FO2		1968	
	GT2	30.0	25.0	32.0	GT	FO2		1971	

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>North Carolina</b>								
Carolina Power & Light Co								
	GT3	30.0	25.0	32.0	GT	FO2		
	GT4	30.0	25.0	32.0	GT	FO2		1971
	1	75.0	79.0	84.0	ST	BIT		1971
	2	75.0	76.0	80.0	ST	BIT		1952
	3	252.5	252.0	257.0	ST	BIT		1951
Marshall (Madison)	HC1	2.5	2.5	2.5	HC	Water		1982
	HC2	2.5	2.5	2.5	HC	Water		1984
Mayo (Person)	**1	735.8	745.0	750.0	ST	BIT		1985
Morohead (Carteret)	GT1	18.3	15.0	18.0	GT	FO2		1982
Roxboro (Person)	GT1	18.3	15.0	18.0	GT	FO2		1987
	1	410.9	385.0	390.0	ST	BIT		1988
	2	657.0	670.0	675.0	ST	BIT		1988
	3	745.2	707.0	715.0	ST	BIT		1988
	**4	745.2	700.0	710.0	ST	BIT		1973
Tillery (Montgomery)	1	22.0	21.0	21.0	HC	Water		1980
	2	18.0	18.5	18.5	HC	Water		1928
	3	22.0	21.0	21.0	HC	Water		1928
	4	22.0	25.5	25.5	HC	Water		1928
W H Weatherspoon (Robeson)	GT1	39.7	35.0	42.0	GT	FO2		1970
	GT2	39.7	35.0	42.0	GT	FO2		1970
	GT3	48.6	34.0	42.0	GT	FO2		1971
	GT4	48.6	34.0	42.0	GT	FO2		1971
	1	46.0	49.0	49.0	ST	BIT		1949
	2	46.0	49.0	49.0	ST	BIT		1950
Walters (Haywood)	1	36.0	35.0	37.1	HC	Water		1929
	2	36.0	35.0	37.1	HC	Water		1929
	3	36.0	35.0	37.1	HC	Water		1930
Cascado Power Co								
Brovard (Transylvania)								
	1	.4	.4	.4	HC	Water		1922
	2	.4	.4	.4	HC	Water		1931
Duke Power Co								
Belows Creek (Stokes)								
	1	1080.0	1120.0	1120.0	ST	BIT		1974
	2	1080.0	1120.0	1120.0	ST	BIT		1975
Bedgewater (Burke)	1	10.0	9.3	9.3	HC	Water		1919
	2	10.0	11.5	11.5	HC	Water		1919
Buck (Howan)	3	80.0	70.0	70.0	ST	BIT		1941
	4	40.0	38.0	38.0	ST	BIT		1942
	5	125.0	128.0	128.0	ST	BIT		1953
	6	125.0	128.0	128.0	ST	BIT		1953
	7	34.9	31.0	31.0	GT	FO2	Nat Gas	1970
	8	34.9	31.0	31.0	GT	FO2	Nat Gas	1970
Cliffside (Cleveland)	1	40.0	38.0	38.0	ST	BIT	Nat Gas	1970
	2	40.0	38.0	38.0	ST	BIT		1940
	3	65.0	61.0	61.0	ST	BIT		1948
	4	65.0	61.0	61.0	ST	BIT		1948
	5	570.9	562.0	562.0	ST	BIT		1972
Gowans Ford (Lincoln)	1	87.5	81.3	81.3	HC	Water		1963
	2	87.5	81.3	81.3	HC	Water		1963
	3	87.5	81.3	81.3	HC	Water		1963
	4	87.5	81.3	81.3	HC	Water		1963
Dan River (Rockingham)	1	70.0	67.0	67.0	ST	BIT		1967
	2	70.0	67.0	67.0	ST	BIT		1948
	3	150.0	142.0	142.0	ST	BIT		1950
	4	35.2	30.0	30.0	GT	FO2	Nat Gas	1955
	5	35.2	30.0	30.0	GT	FO2	Nat Gas	1968
	6	27.5	25.0	25.0	GT	FO2	Nat Gas	1968
G G Allen (Gaston)	1	165.0	150.0	150.0	ST	BIT	Nat Gas	1989
	2	165.0	150.0	150.0	ST	BIT		1957
	3	275.0	265.0	265.0	ST	BIT		1957
	4	275.0	275.0	275.0	ST	BIT		1959
	5	275.0	270.0	270.0	ST	BIT		1960

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>North Carolina</b>								
Duke Power Co								
Lookout Shoals (Iredell)	1	6.2	8.0	8.0	HC	Water		1915
	2	6.2	8.0	8.0	HC	Water		1915
	3	6.2	8.0	8.0	HC	Water		1915
Marshall (Catawba)	1	350.0	385.0	385.0	ST	BIT		1965
	2	350.0	385.0	385.0	ST	BIT		1966
	3	648.0	660.0	660.0	ST	BIT		1969
	4	648.0	660.0	660.0	ST	BIT		1970
McGuire (Mecklenburg)	1	1220.3	1129.0	1129.0	NP	Uranium		1981
	2	1220.3	1129.0	1129.0	NP	Uranium		1983
Mountain Island (Gaston)	1	15.0	14.0	14.0	HC	Water		1923
	2	15.0	14.0	14.0	HC	Water		1923
	3	15.0	14.0	14.0	HC	Water		1923
	4	15.0	14.0	14.0	HC	Water		1923
Oxford (Catawba)	1	18.0	19.5	19.5	HC	Water		1928
	2	18.0	19.5	19.5	HC	Water		1928
Rhodhiss (Caldwell)	1	8.5	9.3	9.3	HC	Water		1925
	2	8.5	9.3	9.3	HC	Water		1925
	3	8.5	9.3	9.3	HC	Water		1925
Riverbend (Gaston)	10	33.8	30.0	30.0	GT	FO2	Nat Gas	1969
	11	33.8	30.0	30.0	GT	FO2	Nat Gas	1969
	4	100.0	94.0	94.0	ST	BIT		1952
	5	100.0	94.0	94.0	ST	BIT		1952
	6	133.0	133.0	133.0	ST	BIT		1954
	7	133.0	133.0	133.0	ST	BIT		1954
	8	33.8	30.0	30.0	GT	FO2	Nat Gas	1969
	9	33.8	30.0	30.0	GT	FO2	Nat Gas	1969
Spencer Mountain (Gaston)	1	3	3	3	HC	Water		1905
	2	3	3	3	HC	Water		1905
Stice Shoals (Cleveland)	1	4	1	1	HC	Water		1901
	2	3	1	1	HC	Water		1901
Turner Shoals (Polk)	1	2.8	1.5	1.5	HC	Water		1925
	2	2.8	1.5	1.5	HC	Water		1925
Tuxedo (Henderson)	1	2.5	1.5	1.5	HC	Water		1920
	2	2.5	1.5	1.5	HC	Water		1920
Fayetteville Public Works Comm								
Butler Warner Gen Pl (Cumberland)	1	28.8	22.2	26.5	CT	Nat Gas	FO2	1976
	2	28.8	22.3	26.6	CT	Nat Gas	FO2	1976
	3	28.8	22.1	26.4	CT	Nat Gas	FO2	1976
	4	28.8	22.2	28.5	GT	Nat Gas	FO2	1976
	5	28.8	22.3	28.6	GT	Nat Gas	FO2	1977
	6	28.8	21.9	28.1	CT	Nat Gas	FO2	1978
	7	28.8	22.4	26.7	CT	Nat Gas	FO2	1979
	8	28.8	22.4	26.7	CT	Nat Gas	FO2	1980
	9	73.0	51.5	61.5	CW	WH		1988
Lake Lure Town of								
Lake Lure (Rutherford)	1	1.2	1.2	1.2	HC	Water		1927
	2	2.4	2.4	2.4	HC	Water		1927
Nantahala Power & Light Co								
Bear Creek (Jackson)	1	9.0	9.2	9.2	HC	Water		1953
Bryson (Swain)	1	.5	.5	.5	HC	Water		1925
	2	.5	.6	.6	HC	Water		1920
Cedar Cliff (Jackson)	1	6.4	6.6	6.6	HC	Water		1952
Dillsboro (Jackson)	1	.2	.2	.2	HC	Water		1931
	2	.1	.	.	HC	Water		1931
Franklin (Macon)	1	.5	.6	.6	HC	Water		1925
	2	.5	.6	.6	HC	Water		1925
Mission (Clay)	1	.6	.7	.7	HC	Water		1924
	2	.6	.7	.7	HC	Water		1924
	3	.6	.8	.8	HC	Water		1922
Nantahala (Macon)	1	43.2	46.0	46.0	HC	Water		1942
Queens Creek (Macon)	1	1.4	1.5	1.5	HC	Water		1948
Tennessee Creek (Jackson)	1	10.8	9.2	9.2	HC	Water		1955

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>North Carolina</b>								
Nantahala Power & Light Co								
Thorpe (Jackson)	1	21.6	22.0	22.0	HC	Water		1941
Tuckasegee (Jackson)	1	3.0	3.0	3.0	HC	Water		1950
Tapoco Inc								
Cheoah (Graham)	1	20.0	20.0	20.0	HC	Water		1919
	2	20.0	20.0	20.0	HC	Water		1919
	3	20.0	20.0	20.0	HC	Water		1919
	4	20.0	20.0	20.0	HC	Water		1925
	5	30.0	32.4	30.8	HC	Water		1949
Santeetlah (Graham)	1	22.5	21.0	19.5	HC	Water		1928
	2	22.5	21.0	19.5	HC	Water		1928
Tennessee Valley Authority								
Apalachia (Polk)	1	41.4	38.0	36.0	HC	Water		1943
	2	41.4	38.0	36.0	HC	Water		1943
Chatuge (Clay)	1	10.0	10.0	5.0	HC	Water		1954
Fontana (Swain)	1	81.0	71.0	52.0	HC	Water		1944
	2	76.5	79.0	58.0	HC	Water		1944
	3	81.0	85.0	62.0	HC	Water		1953
Hiwassee (Cherokee)	1	57.6	67.0	47.0	HC	Water		1940
	2	59.5	68.0	48.0	HR	Water		1956
Nottely (Union)	1	15.0	17.0	9.0	HC	Water		1955
Tideland Electric Member Corp								
Ocracoke (Hyde)	IC1	1.2	1.2	1.2	IC	FO1		1979
Virginia Electric & Power Co								
Gaston (Halifax)	1	44.5	56.0	56.0	HC	Water		1962
	2	44.5	56.0	56.0	HC	Water		1962
	3	44.5	56.0	56.0	HC	Water		1962
	4	44.5	57.0	57.0	HC	Water		1962
Kitty Hawk (Dare)	GT1	23.8	22.0	28.0	GT	FO2		1971
	GT2	23.8	22.0	28.0	GT	FO2		1971
Roanoke Rapids (Halifax)	1	25.0	26.0	26.0	HC	Water		1955
	2	25.0	26.0	26.0	HC	Water		1955
	3	25.0	26.0	26.0	HC	Water		1955
	4	25.0	26.0	26.0	HC	Water		1955
Yadkin Inc								
Falls (Stanly)	1	9.0	9.0	9.0	HC	Water		1921
	2	11.3	10.5	10.5	HC	Water		1919
	3	11.3	10.5	10.5	HC	Water		1919
High Rock (Davidson)	1	11.0	11.0	9.0	HC	Water		1927
	2	11.0	11.0	9.0	HC	Water		1927
	3	11.0	11.0	9.0	HC	Water		1927
Narrows (Montgomery)	1	24.3	24.0	24.0	HC	Water		1917
	2	24.3	24.0	24.0	HC	Water		1917
	3	24.0	24.0	24.0	HC	Water		1917
	4	24.0	24.0	24.0	HC	Water		1924
Tuckertown (Montgomery)	1	14.0	13.0	13.0	HC	Water		1962
	2	14.0	13.0	13.0	HC	Water		1962
	3	14.0	13.0	13.0	HC	Water		1962

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>North Dakota</b>								
Basin Electric Power Coop Antelope Valley (Mercer)	1	435.0	450.0	450.0	ST	LIG		1983
	2	435.0	450.0	450.0	ST	LIG		1985
	1	216.0	210.0	210.0	ST	LIG		1965
Leland Olds (Mercer)	2	440.0	440.0	440.0	ST	LIG		1975
William J Noal (McHenry)	1	25.0	<sup>2</sup> 47.0	<sup>2</sup> 47.0	ST	LIG	Refuse	1952
	2	25.0	2	2	ST	LIG	Refuse	1952
Coop Power Assn Coal Creek (McLean)	**1	506.0	465.5	465.5	ST	LIG		1979
	**2	506.0	465.5	465.5	ST	LIG		1981
Grafton City of Grafton (Walsh)	1	.6	.6	.6	IC	FO2		1937
	2	.8	.8	.8	IC	FO2		1949
	3	1.3	1.3	1.3	IC	FO2		1956
	4	1.3	1.3	1.3	IC	FO2		1956
Minnkota Power Coop Inc Grand Forks (Grand Forks)	1	.7	.7	.7	IC	FO2		1941
	10	1.1	1.1	1.1	IC	FO2		1949
	11	1.1	1.1	1.1	IC	FO2		1949
	2	.7	.7	.7	IC	FO2		1941
	3	.7	.7	.7	IC	FO2		1941
	4	1.0	1.0	1.0	IC	FO2		1946
	5	1.0	1.0	1.0	IC	FO2		1946
	6	1.0	1.0	1.0	IC	FO2		1946
	7	1.1	1.1	1.1	IC	FO2		1949
	8	1.1	1.1	1.1	IC	FO2		1949
Harwood (Cass)	1	1.6	1.4	1.4	IC	FO2		1947
	2	1.6	1.4	1.4	IC	FO2		1947
	3	1.6	1.4	1.4	IC	FO2		1947
Lerfald (Grand Forks)	1	35.0	27.5	35.0	GT	FO2		1978
Milton R Young (Oliver)	1	257.0	240.0	240.0	ST	LIG		1970
	**2	477.0	408.0	408.0	ST	LIG		1977
Montana-Dakota Utilities Co Coyote (Mercer)	**1	450.0	421.0	427.0	ST	LIG		1981
	1	25.0	28.0	28.0	ST	LIG	Nat Gas	1954
R M Heskett (Morton)	2	75.0	74.0	74.0	ST	LIG	Nat Gas	1963
	2	4.0	5.0	5.0	GT	Nat Gas	FO2	1953
Williston (Williams)	3	4.0	5.0	5.0	GT	Nat Gas	FO2	1953
Nodak Rural Electric Coop Inc Mobile (Grand Forks)	2	.4	.4	.4	IC	FO2		1959
	3	.3	.3	.3	IC	FO2		1964
	4	.1	.1	.1	IC	FO2		1977
Northwood City of Northwood (Grand Forks)	1	1.1	1.1	1.1	IC	FO2		1957
	2	.7	.7	.7	IC	FO2		1952
Otter Tail Power Co Jamestown (Stutsman)	1	24.1	21.0	29.4	GT	FO2		1976
	2	24.1	21.0	29.4	GT	FO2		1978
Portable 148 (Stutsman)	1	.1	.4	.4	IC	FO2		1965
Park River City of Park River (Walsh)	1	.7	.8	.8	IC	FO2		1938
United Power Assn Stanton (Mercer)	1	172.0	177.0	177.0	ST	LIG		1966
USCE-Missouri River District Garrison (Mercer)	1	109.0	109.0	109.0	HC	Water		1956
	2	109.0	109.0	109.0	HC	Water		1956
	3	109.0	109.0	109.0	HC	Water		1956

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>North Dakota</b>								
USCE-Missouri River District								
	4	95.0	109.0	109.0				
	5	95.0	109.0	109.0	HC	Water		1959
Valley City City of								
Valley City (Barnes) .....	IC1	1.4	1.4	1.4	IC	FO2		1962
	IC2	1.4	1.4	1.4	IC	FO2		1962
<b>Ohio</b>								
Arcanum City of								
Arcanum (Darke) .....	1	.8	.7	.8	IC	FO2		1951
	2	.6	.5	.6	IC	FO2		1946
Bryan City of								
Bryan (Williams) .....	1	15.8	14.0	19.0	GT	Nat Gas	FO2	1970
	2	16.0	14.0	19.0	GT	Nat Gas		1988
	5	2.5	2.5	2.5	IC	FO2		1948
	6	5.0	4.0	6.0	GT	Nat Gas	FO2	1963
Cardinal Operating Co								
Cardinal (Jefferson) .....	**1	615.2	585.0	600.0	ST	BIT		1966
	**2	615.2	585.0	600.0	ST	BIT		1967
	**3	650.0	630.0	630.0	ST	BIT		1977
Cincinnati Gas & Electric Co								
Dicks Creek (Butler) .....								
	1	120.3	92.0	110.0	GT	Nat Gas	FO2	1965
	3	15.3	14.2	19.5	GT	Nat Gas	FO2	1969
	4	20.0	15.0	21.4	GT	FO2		1969
	5	20.0	15.0	21.4	GT	FO2		1969
Miami Fort (Hamilton) .....								
	GT1	53.1	48.0	64.5	GT	FO2		1971
	GT2	53.1	48.0	64.5	GT	FO2		1971
	GT3	15.3	14.2	19.5	GT	FO2		1971
	GT4	15.3	14.2	19.5	GT	FO2		1971
	GT5	15.3	14.2	19.5	GT	FO2		1971
	GT6	15.3	14.2	19.5	GT	FO2		1971
	5	100.0	80.0	80.0	ST	BIT		1949
	6	163.2	163.0	153.0	ST	BIT		1960
	**7	557.1	500.0	500.0	ST	BIT		1975
	**8	557.7	500.0	500.0	ST	BIT		1977
Walter C Beckjord (Clermont) .....								
	GT1	48.6	46.6	61.2	GT	FO2		1972
	GT2	48.6	46.6	61.2	GT	FO2		1972
	GT3	48.6	46.6	61.2	GT	FO2		1972
	GT4	48.6	46.6	61.2	GT	FO2		1972
	1	115.0	94.0	94.0	ST	BIT		1972
	2	112.5	94.0	94.0	ST	BIT		1952
	3	125.0	128.0	128.0	ST	BIT		1953
	4	163.2	150.0	150.0	ST	BIT		1954
	5	244.8	238.0	238.0	ST	BIT		1958
	**6	460.8	414.0	420.0	ST	BIT		1962
					ST	BIT		1969
Cleveland City of								
Collinwood (Cuyahoga) .....								
	3	16.0	16.0	18.0	GT	Nat Gas	FO2	1971
Lake Road (Cuyahoga) .....								
	10	25.0	25.0	25.0	ST	BIT		1953
	11	85.0	85.0	85.0	ST	BIT		1967
	8	25.0	25.0	25.0	ST	BIT		1941
	9	25.0	25.0	25.0	ST	BIT		1953
West 41st Street (Cuyahoga) .....								
	1	16.0	16.0	18.0	GT	Nat Gas	FO2	1970
	2	16.0	16.0	16.0	GT	Nat Gas	FO2	1970
Cleveland Electric Illum Co								
Ashtabula (Ashtabula) .....								
	5	256.0	243.0	244.0	ST	BIT		1958
	6	46.0	43.0	44.0	ST	BIT		1972
	7	46.0	43.0	44.0	ST	BIT		1972
	8	46.0	43.0	44.0	ST	BIT		1972
	9	46.0	43.0	44.0	ST	BIT		1972
Avon Lake (Lorain) .....								
	10	32.0	29.0	35.0	GT	FO2		1973

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation		
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate			
<b>Ohio</b>										
Cleveland Electric Illum Co  Eastlake (Lake) .....  Lake Shore (Cuyahoga) .....  Perry (Lake) .....	6	86.0	95.0	96.0	ST	BIT		1949		
	7	86.0	95.0	96.0	ST	BIT		1949		
	9	680.0	580.0	580.0	ST	BIT		1970		
	1	123.0	129.0	132.0	ST	BIT		1953		
	2	123.0	129.0	132.0	ST	BIT		1953		
	3	123.0	129.0	132.0	ST	BIT		1954		
	4	208.0	238.0	240.0	ST	BIT		1956		
	**5	680.0	646.0	648.0	ST	BIT		1972		
	6	32.0	29.0	35.0	GT	FO2		1973		
	IC1	4.0	4.0	4.0	IC	FO2		1966		
	14	60.0	54.0	54.0	ST	FO6		1941		
	15	60.0	53.0	53.0	ST	FO6		1942		
	16	69.0	66.0	66.0	ST	FO6		1951		
	17	69.0	70.0	70.0	ST	FO6		1951		
	18	256.0	243.0	245.0	ST	BIT		1962		
	**1	1,253.0	1,185.0	1,205.0	NB	Uranium		1986		
	Columbus City of Refuse & Coal (Franklin) .....	1	30.0	30.0	30.0	ST	Refuse	BIT	1983	
		2	30.0	30.0	30.0	ST	Refuse	BIT	1983	
3		30.0	30.0	30.0	ST	Refuse	BIT	1983		
Columbus Southern Power Co Conesville (Coshocton) .....	1	148.0	115.0	125.0	ST	BIT		1959		
	2	136.0	115.0	125.0	ST	BIT		1957		
	3	161.5	161.0	165.0	ST	BIT		1962		
	**4	841.5	780.0	780.0	ST	BIT		1973		
	5	444.0	375.0	375.0	ST	BIT		1976		
	6	444.0	375.0	375.0	ST	BIT		1978		
Picway (Pickaway) .....	5	106.3	95.0	100.0	ST	BIT		1955		
Dayton Power & Light Co Frank M Tat (Montgomery) .....	IC1	2.8	2.5	2.5	IC	FO2		1967		
	IC2	2.8	2.5	2.5	IC	FO2		1967		
	IC3	2.8	2.5	2.5	IC	FO2		1967		
	IC4	2.8	2.5	2.5	IC	FO2		1967		
	J M Stuart (Adams) .....	**IC1	2.8	2.8	2.8	IC	FO2		1969	
		**IC2	2.8	2.8	2.8	IC	FO2		1969	
		**IC3	2.8	2.8	2.8	IC	FO2		1969	
		**IC4	2.8	2.8	2.8	IC	FO2		1969	
	Killen Station (Adams) .....	**1	610.2	585.0	585.0	ST	BIT		1971	
		**2	610.2	585.0	585.0	ST	BIT		1970	
		**3	610.2	585.0	585.0	ST	BIT		1972	
		**4	610.2	585.0	585.0	ST	BIT		1974	
		**2	666.4	600.0	600.0	ST	BIT		1982	
		Monument (Montgomery) .....	1	2.8	2.5	2.5	IC	FO2		1968
			2	2.8	2.5	2.5	IC	FO2		1968
			3	2.8	2.5	2.5	IC	FO2		1968
4	2.8		2.5	2.5	IC	FO2		1968		
5	2.8		2.5	2.5	IC	FO2		1968		
O H Hutchings (Montgomery) .....	1	69.0	63.0	64.0	ST	BIT	Nat Gas	1948		
	2	69.0	63.0	64.0	ST	BIT	Nat Gas	1949		
	3	69.0	63.0	64.0	ST	BIT	Nat Gas	1950		
	4	69.0	63.0	64.0	ST	BIT	Nat Gas	1951		
	5	69.0	63.0	64.0	ST	BIT	Nat Gas	1952		
	6	69.0	63.0	64.0	ST	BIT	Nat Gas	1953		
	7	32.6	26.0	32.0	GT	FO2	Nat Gas	1968		
Sidney (Shelby) .....	1	2.8	2.5	2.5	IC	FO2		1968		
	2	2.8	2.5	2.5	IC	FO2		1968		
	3	2.8	2.5	2.5	IC	FO2		1968		
	4	2.8	2.5	2.5	IC	FO2		1968		
	5	2.8	2.5	2.5	IC	FO2		1968		
Yankee Street (Montgomery) .....	1	18.6	21.0	24.0	GT	Nat Gas	FO2	1969		
	2	18.6	21.0	24.0	GT	Nat Gas	FO2	1969		
	3	18.6	21.0	24.0	GT	Nat Gas	FO2	1969		

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Ohio</b>								
Dayton Power & Light Co								
	4	17.6	15.0	18.0	GT	Nat Gas	FO2	1970
	5	17.6	15.0	18.0	GT	Nat Gas	FO2	1970
	6	17.6	15.0	18.0	GT	Nat Gas	FO2	1970
	7	17.6	15.0	18.0	GT	Nat Gas	FO2	1970
Dover City of								
Dover (Tuscarawas)	1	2.0	2.0	2.0	ST	BIT		1936
	2	4.0	4.0	4.0	ST	BIT		1944
	3	7.5	7.5	7.5	ST	BIT		1954
	4	19.5	15.0	15.0	ST	BIT		1968
	5	2.7	2.7	2.7	IC	FO2		1986
Hamilton City of								
Greenup Hydro (Scioto)	1	23.4	23.4	23.4	HC	Water		1982
	2	23.4	23.4	23.4	HC	Water		1982
	3	23.4	23.4	23.4	HC	Water		1982
Hamilton (Butler)	GT1	11.2	10.0	10.0	GT	Nat Gas	FO2	1964
	GT2	16.3	14.0	16.0	GT	Nat Gas	FO2	1971
Hamilton (Butler)	1	8	8	8	HC	Water		1919
	2	8	8	8	HC	Water		1919
Hamilton (Butler)	5	10.0	9.0	10.0	ST	BIT	FO2	1954
	7	25.0	17.0	19.0	ST	Nat Gas	FO2	1960
	8	25.0	23.0	25.0	ST	BIT		1965
	9	50.6	49.0	52.0	ST	BIT	Nat Gas	1975
Lebanon City of								
Lebanon (Warren)	1	7	5	5	IC	Nat Gas	FO2	1940
	3	1.2	1.2	1.2	IC	Nat Gas	FO2	1949
	4	1.2	1.2	1.2	IC	Nat Gas	FO2	1950
	5	2.0	2.0	2.0	IC	Nat Gas	FO2	1955
	6	3.0	2.5	2.5	IC	Nat Gas	FO2	1961
	7	6.0	6.0	6.0	GT	Nat Gas	FO2	1966
	8	5.6	5.0	5.0	IC	Nat Gas	FO2	1970
	9	17.0	15.7	15.7	GT	FO2		1986
Oberlin City of								
Oberlin (Loram)	1	1.1	1.0	1.0	IC	FO2		1948
	3	6	5	5	IC	FO2		1934
	5	2.0	1.8	1.8	IC	FO2		1951
	6	2.5	2.5	2.5	IC	Nat Gas	FO2	1958
	7	2.7	2.7	2.7	IC	Nat Gas	FO2	1961
	8	3.0	2.6	3.0	IC	Nat Gas	FO2	1966
Ohio Edison Co								
Edgewater (Loram)	**CTA	29.1	19.0	24.0	GT	FO2		1973
	**CTB	29.1	19.0	24.0	GT	FO2		1973
	2	25.0	5.0	5.0	ST	BIT		1923
	3	62.0	62.0	62.0	ST	BIT		1949
George (Summit)	4	105.0	103.0	104.0	ST	BIT		1957
	6	43.8	20.0	34.0	ST	BIT		1943
Mad River (Clark)	7	43.8	28.0	48.0	ST	BIT		1948
	**CTA	35.0	25.0	30.0	GT	FO2		1972
	**CTB	35.0	25.0	30.0	GT	FO2		1972
	2	25.0	25.0	25.0	ST	BIT		1938
	3	25.0	24.0	24.0	ST	BIT		1949
Niles (Mahoning)	**CTA	35.0	25.0	30.0	GT	FO2		1972
	1	125.0	68.0	108.0	ST	BIT		1953
	2	125.0	68.0	108.0	ST	BIT		1954
R E Burger (Belmont)	**A1	2.5	2.3	2.3	IC	FO2		1972
	**B1	2.5	2.3	2.3	IC	FO2		1972
	**B2	2.5	2.3	2.3	IC	FO2		1972
	1	62.5	56.0	56.0	ST	BIT		1944
	2	62.5	56.0	56.0	ST	BIT		1947
	3	100.0	94.0	94.0	ST	BIT		1950
	4	159.5	152.0	156.0	ST	BIT		1955

See footnotes at end of table.



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Ohio</b>								
Ohio Edison Co								
Toronto (Jefferson)	5	159.5	152.0	150.0	ST	BIT		1955
	5	43.8	40.0	42.0	ST	BIT		1940
	6	66.0	64.0	65.0	ST	BIT		1949
	7	66.0	64.0	65.0	ST	BIT		1949
W H Sammis (Jefferson)	**A1	2.5	2.6	2.6	IC	FO2		1972
	**B1	2.5	2.6	2.6	IC	FO2		1972
	**B2	2.5	2.6	2.6	IC	FO2		1972
	**B3	2.5	2.6	2.6	IC	FO2		1972
	**B4	2.5	2.6	2.6	IC	FO2		1972
	1	185.0	180.0	180.0	ST	BIT		1959
	2	185.0	180.0	180.0	ST	BIT		1960
	3	185.0	180.0	180.0	ST	BIT		1961
	4	185.0	180.0	180.0	ST	BIT		1962
	5	317.5	300.0	300.0	ST	BIT		1967
	6	623.0	600.0	600.0	ST	BIT		1969
	**7	623.0	600.0	600.0	ST	BIT		1971
West Lorain (Lorain)	**1A	70.0	51.0	60.0	CT	FO2		1983
	**1B	69.0	51.0	60.0	CT	FO2		1973
	**1C	96.0	64.0	70.0	CA	WH	FO2	1974
Ohio Power Co								
Gen J M Gavin (Gallia)	1	1300.0	1300.0	1300.0	ST	BIT		1974
	2	1300.0	1300.0	1300.0	ST	BIT		1975
Muskingum River (Morgan)	1	219.7	190.0	205.0	ST	BIT		1953
	2	219.7	190.0	205.0	ST	BIT		1954
	3	237.5	205.0	215.0	ST	BIT		1957
	4	237.5	205.0	215.0	ST	BIT		1958
	5	615.2	575.0	585.0	ST	BIT		1968
Racine (Meigs)	1	23.8	24.0	24.0	HC	Water		1983
	2	23.8	24.0	24.0	HC	Water		1982
Ohio Valley Electric Corp								
Kyger Creek (Gallia)	1	217.3	214.7	221.0	ST	BIT		1955
	2	217.3	207.3	215.7	ST	BIT		1955
	3	217.3	202.3	210.7	ST	BIT		1955
	4	217.3	202.3	210.7	ST	BIT		1955
	5	217.3	203.3	211.7	ST	BIT		1955
Orrville City of Orrville (Wayne)	ST11	25.0	31.3	31.3	ST	BIT	Nat Gas	1971
	10	25.0	31.3	31.3	ST	BIT	Nat Gas	1971
	7	5.0	7.0	7.0	ST	BIT	Nat Gas	1949
	8	7.5	10.0	10.0	ST	BIT	Nat Gas	1955
	9	22.0	22.0	22.0	ST	BIT	Nat Gas	1961
Painesville City of Painesville (Lake)	ST2	7.5	8.3	8.3	ST	BIT		1933
	3	7.5	8.3	8.3	ST	BIT		1953
	5	17.5	18.2	18.2	ST	BIT		1965
Piqua City of Piqua (Miami)	10	8	8	8	ST	BIT		1987
	11	16.3	16.0	17.5	GT	FO2		1989
	4	7.5	7.5	7.5	ST	BIT		1947
	6	12.5	12.5	12.5	ST	BIT		1951
	7	20.0	23.0	23.0	ST	BIT		1961
	8	20.0	18.0	20.0	GT	FO2		1972
	9	4.0	4.0	4.0	ST	BIT		1947
Shelby City of Shelby Munic Lgt Plt (Richland)	IC1	3.0	3.3	3.3	IC	FO2		1963
	1	12.5	12.5	11.5	ST	BIT		1967
	2	12.5	12.5	11.5	ST	BIT		1973

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Ohio</b>									
Shelby City of	3	5.0	5.0	5.1	ST	BIT		1948	
	4	7.5	6.5	6.5	ST	BIT		1954	
St Marys City of St Marys (Auglaize)	AUX	.8	.5	.7	GT	FO2		1967	
	4	2.5	2.0	2.5	ST	BIT		1946	
	5	6.0	5.0	6.0	ST	BIT		1957	
	6	10.0	9.0	9.3	ST	BIT	FO2	1967	
Toledo Edison Co Acme (Lucas)	TOPR	6.0	7.0	7.0	ST	BIT		1973	
	2	72.0	75.0	75.0	ST	BIT		1951	
	5	57.0	72.0	72.0	ST	BIT		1941	
	6	112.5	108.0	108.0	ST	BIT		1949	
	Bay Shore (Lucas)	GT1	16.0	16.0	17.0	GT	FO2		1967
		1	140.6	132.0	136.0	ST	BIT		1955
2		140.6	134.0	138.0	ST	BIT		1959	
3		140.6	142.0	142.0	ST	BIT		1963	
Davis-Besse (Ottawa)	4	217.6	213.0	215.0	ST	BIT		1968	
	**1	962.0	856.0	866.0	NP	Uranium		1977	
Richland (Delaware)	1	15.0	11.0	14.0	GT	FO2		1965	
	2	15.0	11.0	14.0	GT	Nat Gas	FO2	1966	
	3	15.0	11.0	14.0	GT	Nat Gas	FO2	1966	
Stryker (Williams)	1	19.0	17.0	18.0	GT	FO2		1968	
Woodsfield City of Anadarko (Monroe)	1	3	2	2	IC	FO2	Nat Gas	1946	
	10	12	12	12	IC	FO2	Nat Gas	1986	
	11	12	12	12	IC	FO2	Nat Gas	1986	
	12	2	2	2	IC	FO2	Nat Gas	1947	
	5	6	6	6	IC	FO2	Nat Gas	1949	
	7	13	13	13	IC	FO2	Nat Gas	1957	
	8	15	15	15	IC	FO2	Nat Gas	1965	
	9	22	22	22	IC	FO2	Nat Gas	1971	
	<b>Oklahoma</b>								
Cushing City of Cushing (Payne)	1	2.5	1.9	1.9	IC	FO2	Nat Gas	1956	
	10	4.5	3.5	3.5	IC	FO2	Nat Gas	1972	
	11	6.3	5.8	5.8	IC	FO2	Nat Gas	1988	
	2	1.0	.8	.8	IC	FO2	Nat Gas	1949	
	3	.5	.4	.4	IC	FO2	Nat Gas	1936	
	4	.5	.4	.4	IC	FO2	Nat Gas	1936	
	5	.5	.4	.4	IC	FO2	Nat Gas	1936	
	6	.8	.6	.6	IC	FO2	Nat Gas	1939	
	7	2.5	1.9	1.9	IC	FO2	Nat Gas	1956	
8	2.5	1.9	1.9	IC	FO2	Nat Gas	1956		
9	3.0	2.3	2.3	IC	FO2	Nat Gas	1965		
Fairview City of Fairview (Major)	1	1	1	1	IC	FO2		1924	
	2	5	4	4	IC	FO2		1926	
	4	8	7	7	IC	FO2		1948	
	5	1.0	.9	.9	IC	FO2	Nat Gas	1954	
Grand River Dam Authority GRDA (Mayes)	1	490.0	490.0	490.0	ST	BIT		1981	
	**2	520.0	520.0	520.0	ST	BIT		1986	
	Markham (Mayes)	1	27.0	28.5	28.5	HC	Water		1964
		2	27.0	28.5	28.5	HC	Water		1964
		3	27.0	28.5	28.5	HC	Water		1964
		4	27.0	28.5	28.5	HC	Water		1964
	Pensacola (Mayes)	A	.5	.5	.5	HC	Water		1940
		1	14.3	15.0	15.0	HC	Water		1940

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Oklahoma</b>								
Grand River Dam Authority	2	14.3	15.0	15.0	HC	Water		1940
	3	14.3	15.0	15.0	HC	Water		1940
	4	14.3	15.0	15.0	HC	Water		1940
	5	14.3	15.0	15.0	HC	Water		1946
	6	14.3	15.0	15.0	HC	Water		1952
	6	14.3	15.0	15.0	HC	Water		1968
Salina (Mayes)	1	43.3	43.3	43.3	HR	Water		1968
	2	43.3	43.3	43.3	HR	Water		1968
	3	43.3	43.3	43.3	HR	Water		1971
	4	43.3	43.3	43.3	HR	Water		1971
	5	43.3	43.3	43.3	HR	Water		1971
	6	43.3	43.3	43.3	HR	Water		1971
Kingfisher City of Kingfisher (Kingfisher)	IC1	1.3	1.3	1.3	IC	Nat Gas	FO2	1954
	IC2	6	6	6	IC	Nat Gas	FO2	1954
	3	2.8	2.8	2.8	IC	Nat Gas	FO2	1965
	4	1.3	1.3	1.3	IC	Nat Gas	FO2	1959
	5	3.1	3.1	3.1	IC	Nat Gas	FO2	1970
Lindsay City of Lindsay (Garvin)	1	1.1	9	1.0	IC	Nat Gas	FO2	1951
	10	2.0	1.6	1.8	IC	Nat Gas	FO2	1980
	2	1.0	8	9	IC	Nat Gas	FO2	1954
	4	1.3	1.0	1.1	IC	Nat Gas	FO2	1981
	5	1.1	9	1.0	IC	Nat Gas	FO2	1958
	6	1.4	1.1	1.1	IC	Nat Gas	FO2	1963
	7	1.5	1.2	1.6	IC	Nat Gas	FO2	1967
	8	3.1	2.5	2.8	IC	Nat Gas	FO2	1970
	9	2.0	1.6	1.8	IC	Nat Gas	FO2	1980
Mangum City of Mangum (Greer)	1	1.1	9	1.1	IC	Nat Gas	FO2	1945
	2	6	5	6	IC	Nat Gas	FO2	1939
	3	4	3	4	IC	Nat Gas	FO2	1929
	4	1.5	1.4	1.6	IC	Nat Gas	FO2	1956
	5	2.0	1.8	2.0	IC	Nat Gas	FO2	1963
	6	2.1	1.8	2.1	IC	Nat Gas	FO2	1969
Oklahoma Gas & Electric Co Arbuckle (Murray)	1	73.5	70.5	72.0	ST	Nat Gas	FO2	1953
	1	15.0	12.0	12.0	GT	Nat Gas		1965
	2	15.0	12.0	12.0	GT	Nat Gas		1965
	3	15.0	12.0	12.0	GT	Nat Gas		1965
Lind (Garfield)	4	15.0	12.0	12.0	GT	Nat Gas		1965
	4	15.0	12.0	12.0	GT	Nat Gas		1965
	4	15.0	12.0	12.0	GT	Nat Gas		1965
	4	15.0	12.0	12.0	GT	Nat Gas		1965
Horseshoe Lake (Oklahoma)	GT7	27.2	20.0	20.0	GT	Nat Gas	FO2	1963
	ST7	219.7	218.5	218.5	CA	Nat Gas	FO6	1963
	6	163.2	178.0	178.0	ST	Nat Gas	FO6	1958
Muskogee (Muskogee)	8	442.8	512.0	412.0	ST	Nat Gas	FO6	1969
	3	173.4	184.0	184.0	ST	Nat Gas	FO6	1956
	4	572.4	500.0	500.0	ST	SUB		1977
Mustang (Canadian)	5	572.4	500.0	500.0	ST	SUB		1978
	6	572.4	515.0	515.0	ST	SUB		1984
	1	81.5	58.0	58.0	ST	Nat Gas		1950
Mustang (Canadian)	2	62.5	57.0	57.0	ST	Nat Gas		1951
	3	133.4	122.0	122.0	ST	Nat Gas	FO2	1955
	4	252.8	260.0	260.0	ST	Nat Gas	FO2	1959
	5A	41.9	32.0	32.0	GT	Nat Gas	FO2	1971
Seminole (Seminole)	5B	41.9	32.0	32.0	GT	Nat Gas	FO2	1971
	GT1	23.6	19.0	19.0	GT	Nat Gas	FO2	1971
	1	567.0	530.0	530.0	ST	Nat Gas	FO2	1970
Sooner (Noble)	2	567.0	507.0	507.0	ST	Nat Gas	FO2	1972
	3	567.0	500.0	500.0	ST	Nat Gas	FO6	1975
	1	568.8	500.0	500.0	ST	SUB		1979

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Oklahoma</b>								
Oklahoma Gas & Electric Co								
Woodward (Woodward)	2 GT1	568.8 11.5	500.0 10.8	500.0 10.8	ST GT	SUB Nat Gas		1980 1983
Pawhuska City of Pawhuska (Osage)	1 2 3 5	1.4 2.0 3.1 2.5	1.1 1.7 2.5 1.8	1.1 1.7 2.5 1.8	IC IC IC IC	FO2 FO2 FO2 FO2	Nat Gas Nat Gas Nat Gas Nat Gas	1940 1954 1966 1960
Ponca City City of Ponca (Kay)	1 2	20.2 48.0	15.9 37.3	15.9 37.3	ST ST	Nat Gas Nat Gas		1966 1977
Ponca Diesel (Kay)	1 10 11 4 5 6 7 8 9	7.0 2.5 2.5 2.8 1.5 1.7 3.3 4.0 7.0	4.3 1.9 1.9 1.9 1.0 1.1 2.6 3.1 5.7	4.3 1.9 1.9 1.9 1.0 1.1 2.6 3.1 5.7	IC IC IC IC IC IC IC IC IC	Nat Gas Nat Gas FO2 FO2 FO2 FO2 FO2 FO2 FO2		1961 1964 1964 1940 1937 1946 1952 1954 1956
Public Service Co of Oklahoma Comanche (Comanche)	1G1 1G2 1S	85.0 85.0 120.0	75.0 75.0 110.0	75.0 75.0 110.0	CT CT CA	Nat Gas Nat Gas Nat Gas	FO2 FO2	1973 1973 1974
Northeastern (Rogers)	1C1 1 2 3 4	4.3 170.0 472.5 472.5 472.5	4.3 160.0 470.0 460.0 448.0	4.3 160.0 470.0 460.0 448.0	IC ST ST ST ST	FO2 Nat Gas Nat Gas SUB SUB		1980 1961 1970 1979 1980
Riverside (Tulsa)	1C1 1 2	2.8 472.5 472.5	2.8 457.0 465.0	2.8 457.0 465.0	IC ST ST	FO2 Nat Gas Nat Gas		1976 1974 1976
Southwestern (Caddo)	1C1 1 2 3	6.0 83.8 83.8 315.0	6.0 80.0 80.0 300.0	6.0 80.0 80.0 300.0	IC ST ST ST	FO2 FO2 Nat Gas Nat Gas	FO2 FO2	1962 1952 1954 1967
Tulsa (Tulsa)	1C1 2 3 4	8.3 170.0 95.0 170.0	8.3 162.0 85.0 162.0	8.3 162.0 85.0 162.0	IC ST ST ST	FO2 Nat Gas Nat Gas Nat Gas	FO2 FO2 FO2	1967 1967 1956 1957
Woleetka (Okfuskee)	1C1 4 5 6	4.0 67.0 67.0 67.0	4.0 51.0 51.0 51.0	4.0 51.0 51.0 51.0	IC GT GT GT	FO2 Nat Gas Nat Gas Nat Gas	FO2 FO2 FO2	1958 1975 1976 1976
Stillwater Utilities Authority Boomer Lake (Payne)	1 2	10.0 12.7	11.0 12.9	11.0 12.9	ST ST	Nat Gas Nat Gas	FO2 FO2	1956 1959
USCE-Tulsa District								
Broken Bow (McCurtain)	1 2	50.0 50.0	57.5 57.5	57.5 57.5	HC HC	Water Water		1970 1970
Eufaula (Haskell)	1 2 3	30.0 30.0 30.0	30.0 30.0 30.0	30.0 30.0 30.0	HC HC HC	Water Water Water		1964 1964 1964
Fort Gibson (Cherokee)	1 2 3 4	11.3 11.3 11.3 11.3	12.5 12.5 12.5 12.5	12.5 12.5 12.5 12.5	HC HC HC HC	Water Water Water Water		1964 1952 1952 1953
Keystone (Tulsa)	1 2	35.0 35.0	35.0 35.0	35.0 35.0	HC HC	Water Water		1953 1968
Robert S Kerr (Sequoyah)	1 2	27.5 27.5	28.5 28.5	31.0 31.0	HC HC	Water Water		1968 1971

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Oklahoma</b>								
USCE-Tulsa District	3	27.5	28.5	31.0	HC	Water		1971
	4	27.5	28.5	31.0	HC	Water		1971
Tonkiller Ferry (Sequoyah)	1	19.8	20.0	22.5	HC	Water		1953
	2	19.8	20.0	22.5	HC	Water		1953
Webbers Falls (Muskogee)	1	20.0	20.0	20.0	HC	Water		1973
	2	20.0	20.0	20.0	HC	Water		1973
	3	20.0	20.0	20.0	HC	Water		1973
Western Farmers Elec Coop Inc								
Anadarko (Caddo)	1	15.0	14.0	15.0	ST	Nat Gas		1953
	2	15.0	14.0	15.0	ST	Nat Gas		1953
	3	44.0	44.0	48.0	ST	Nat Gas		1959
	4	100.0	88.0	98.0	CS	Nat Gas		1977
	5	100.0	88.0	98.0	CS	Nat Gas		1977
	6	100.0	88.0	98.0	CS	Nat Gas		1977
Cherokee (Allalfa)	IC5	1.2	.9	1.0	IC	Nat Gas	FO2	1955
	1	3.1	2.9	2.9	IC	Nat Gas	FO2	1966
	3	1.0	.9	.9	IC	Nat Gas	FO2	1947
	4	1.0	.9	.9	IC	Nat Gas	FO2	1950
Hugo (Choctaw)	1	400.0	395.0	400.0	ST	SUB		1981
Mooreland (Woodward)	1	45.0	50.0	50.0	ST	Nat Gas		1964
	2	125.0	137.0	137.0	ST	Nat Gas		1968
	3	135.0	140.0	140.0	ST	Nat Gas		1975
Woodward (Woodward)	1	1.1	1.0	1.1	IC	Nat Gas	FO2	1950
	2	1.1	1.0	1.1	IC	Nat Gas	FO2	1950
	3	1.1	1.0	1.1	IC	Nat Gas	FO2	1950
	4	1.1	1.0	1.1	IC	Nat Gas	FO2	1953
<b>Oregon</b>								
Bureau of Reclamation Green Springs (Jackson)	1	16.0	18.0	18.0	HC	Water		1960
Eugene City of Carmen Smith (Linn)	1	40.0	40.8	40.8	HC	Water		1963
	2	40.0	40.8	40.8	HC	Water		1963
	3	10.0	3.8	3.8	HC	Water		1963
Leaburg (Lane)	1	6.0	12.0	12.0	HC	Water		1930
	2	7.5	7.5	7.5	HC	Water		1950
Waltersville (Lane)	1	8.0	6.9	6.9	HC	Water		1949
Willamette (Lane)	3	11.5	11.4	11.6	ST	WI		1950
Idaho Power Co								
Holls Canyon (Wallowa)	1	130.5	120.3	150.0	HC	Water		1967
	2	130.5	120.3	150.0	HC	Water		1967
	3	130.5	120.3	150.0	HC	Water		1967
Oxbow (Baker)	1	47.5	55.0	55.0	HC	Water		1961
	2	47.5	55.0	55.0	HC	Water		1961
	3	47.5	55.0	55.0	HC	Water		1961
	4	47.5	55.0	55.0	HC	Water		1961
Oregon Trail El Cons Coop Inc								
Rock Creek (Baker)	1	4	4	4	HC	Water		1919
	2	4	4	4	HC	Water		1919
PacifiCorp								
Bend (Deschutes)	1	.2	.2	.2	HC	Water		1913
	2	.4	.4	.4	HC	Water		1916
	3	.6	.6	.6	HC	Water		1917
Clearwater 1 (Douglas)	1	15.0	12.0	15.0	HC	Water		1953
Clearwater 2 (Douglas)	1	26.0	26.0	26.0	HC	Water		1953
Cline Falls (Deschutes)	1	1.0	1.0	1.0	HC	Water		1943
Eagle Point (Jackson)	1	2.8	3.0	3.0	HC	Water		1957
East Side (Klamath)	1	3.2	3.0	3.0	HC	Water		1924
Fish Creek (Douglas)	1	11.0	12.0	11.0	HC	Water		1952

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Oregon</b>								
PacifiCorp								
John C. Boyle (Klamath)	1	40.0	41.0	40.0	HC	Water		1958
	2	40.0	41.0	40.0	HC	Water		1958
Lemolo 1 (Douglas)	1	29.0	29.0	29.0	HC	Water		1955
Lemolo 2 (Douglas)	1	33.0	35.0	33.0	HC	Water		1956
Powerdale (Hood River)	1	6.0	5.5	6.0	HC	Water		1923
Prospect 1 (Jackson)	1	3.8	4.7	5.0	HC	Water		1912
Prospect 2 (Jackson)	1	10.0	18.0	16.0	HC	Water		1928
	2	16.0	18.0	16.0	HC	Water		1928
Prospect 3 (Jackson)	1	7.2	6.8	8.0	HC	Water		1932
Prospect 4 (Jackson)	1	1.0	1.0	1.0	HC	Water		1944
Slide Creek (Douglas)	1	18.0	17.0	18.0	HC	Water		1951
Soda Springs (Douglas)	1	11.0	11.5	11.0	HC	Water		1952
Staylor (Manion)	1	6	6	6	HC	Water		1937
Toketoo Falls (Douglas)	1	14.2	14.0	14.0	HC	Water		1950
	2	14.2	14.0	14.0	HC	Water		1949
	3	14.2	14.0	14.0	HC	Water		1950
Wallowa Falls (Wallowa)	1	1.1	9	1.0	HC	Water		1967
West Side (Klamath)	1	6	6	1.0	HC	Water		1968
Portland General Electric Co.								
Beaver (Columbia)								
	1	57.4	57.4	62.2	CI	Nat Gas	FO2	1974
	2	57.4	57.4	62.2	CI	Nat Gas	FO2	1974
	3	57.4	57.4	62.2	CI	Nat Gas	FO2	1974
	4	57.4	57.4	62.2	CI	Nat Gas	FO2	1974
	5	57.4	57.4	62.2	CI	Nat Gas	FO2	1974
	6	57.4	57.4	62.2	CI	Nat Gas	FO2	1974
	7	126.4	140.4	160.7	OW	WH		1977
Bother (Manion)	1	56.7	53.5	58.0	CI	FO2	Nat Gas	1974
	2	56.7	53.5	58.0	CI	FO2	Nat Gas	1974
Boatman (Marion)	1	50.5	50.0	50.0	CI	SO2		1960
Bull Run (Clackamas)	1	5.1	5.5	5.5	HC	Water		1932
	2	5.1	5.5	5.5	HC	Water		1932
	3	5.1	5.5	5.5	HC	Water		1932
	4	5.1	5.5	5.5	HC	Water		1932
Catalay (Clackamas)	1	1.0	1.7	1.7	HC	Water		1906
	2	1.0	1.7	1.7	HC	Water		1906
	3	2.5	3.1	3.1	HC	Water		1908
	4	1.9	1.7	1.7	HC	Water		1909
	5	3.8	3.7	3.7	HC	Water		1910
North Fork (Clackamas)	1	19.2	24.0	24.0	HC	Water		1958
	2	19.2	27.0	27.0	HC	Water		1958
Oak Grove (Clackamas)	1	22.5	22.5	22.5	HC	Water		1924
	2	22.5	22.5	22.5	HC	Water		1930
Pelton (Jefferson)	1	12.4	16.0	16.0	HC	Water		1957
	2	12.4	16.0	16.0	HC	Water		1958
	3	12.4	16.0	16.0	HC	Water		1958
Pelton Re-Equation (Jefferson)	1	18.9	20.8	20.8	HC	Water		1982
PEP 1 (Multnomah)	1	24.8	24.0	24.0	HC	Water		1981
PEP 2 (Clackamas)	2	11.9	12.0	12.0	HC	Water		1981
Rizer Mill (Clackamas)	1	3.3	3.0	3.0	HC	Water		1911
	2	3.3	3.0	3.0	HC	Water		1911
	3	3.3	3.0	3.0	HC	Water		1911
	4	4.7	5.0	5.0	HC	Water		1957
	5	5.0	6.0	6.0	HC	Water		1952
Round Butte (Jefferson)	1	82.4	100.0	100.0	HC	Water		1964
	2	82.4	100.0	100.0	HC	Water		1964
	3	82.4	100.0	100.0	HC	Water		1964
Summit (Clackamas)	1	2.8	3.0	3.0	HC	FO2		1970
	2	2.8	3.0	3.0	HC	FO2		1973
T. C. Sullivan (Clackamas)	1	1.2	1.2	1.2	HC	Water		1952
	10	1.2	1.2	1.2	HC	Water		1952
	11	1.2	1.2	1.2	HC	Water		1952
	12	1.2	1.2	1.2	HC	Water		1952
	13	1.2	1.2	1.2	HC	Water		1952

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Oregon</b>								
Portland General Electric Co	2	1.2	1.2	1.2	HC	Water		1952
	3	1.2	1.2	1.2	HC	Water		1952
	4	1.2	1.2	1.2	HC	Water		1952
	5	1.2	1.2	1.2	HC	Water		1952
	6	1.2	1.2	1.2	HC	Water		1952
	7	1.2	1.2	1.2	HC	Water		1952
	8	1.2	1.2	1.2	HC	Water		1952
	9	1.0	1.0	1.0	HC	Water		1974
	9	1.0	1.0	1.0	HC	Water		1975
Trojan (Columbia)	**1	1216.0	1104.0	1104.0	NP	Uranium		
USCE-Portland District								
Big Cliff (Marion)	1	18.0	21.0	21.0	HC	Water		1954
Bonnaville (Multnomah)	F1	13.1	11 30.0	11 30.0	HC	Water		1982
	F2	13.1	11 ..	11 ..	HC	Water		1981
	1	49.2	12 1,182.0	12 1,182.0	HC	Water		1930
	10	64.0	12 ..	12 ..	HC	Water		1944
	11	66.5	12 ..	12 ..	HC	Water		1982
	12	66.5	12 ..	12 ..	HC	Water		1982
	13	66.5	12 ..	12 ..	HC	Water		1982
	14	66.5	12 ..	12 ..	HC	Water		1982
	15	66.5	12 ..	12 ..	HC	Water		1981
	16	66.5	12 ..	12 ..	HC	Water		1981
	17	66.5	12 ..	12 ..	HC	Water		1981
	18	66.5	12 ..	12 ..	HC	Water		1981
	2	59.6	12 ..	12 ..	HC	Water		1941
	3	54.0	12 ..	12 ..	HC	Water		1941
	4	54.0	12 ..	12 ..	HC	Water		1941
	5	54.0	12 ..	12 ..	HC	Water		1942
	6	54.0	12 ..	12 ..	HC	Water		1943
	7	54.0	12 ..	12 ..	HC	Water		1943
	8	54.0	12 ..	12 ..	HC	Water		1943
	9	54.0	12 ..	12 ..	HC	Water		1964
Cougar (Lano)	1	13.0	2 29.0	2 29.0	HC	Water		1964
	2	13.0	2 ..	2 ..	HC	Water		1957
Dalles (Wasco)	11	14.0	2 1,948.0	2 1,948.0	HC	Water		1957
	12	14.0	2 ..	2 ..	HC	Water		1957
	1	78.0	2 ..	2 ..	HC	Water		1957
	10	78.0	2 ..	2 ..	HC	Water		1959
	11	78.0	2 ..	2 ..	HC	Water		1960
	12	78.0	2 ..	2 ..	HC	Water		1960
	13	78.0	2 ..	2 ..	HC	Water		1960
	14	78.0	2 ..	2 ..	HC	Water		1960
	15	86.0	2 ..	2 ..	HC	Water		1973
	16	86.0	2 ..	2 ..	HC	Water		1973
	17	86.0	2 ..	2 ..	HC	Water		1973
	18	86.0	2 ..	2 ..	HC	Water		1973
	19	86.0	2 ..	2 ..	HC	Water		1973
	2	78.0	2 ..	2 ..	HC	Water		1957
	20	86.0	2 ..	2 ..	HC	Water		1973
	21	86.0	2 ..	2 ..	HC	Water		1973
	22	86.0	2 ..	2 ..	HC	Water		1973
	3	78.0	2 ..	2 ..	HC	Water		1958
	4	78.0	2 ..	2 ..	HC	Water		1958
	5	78.0	2 ..	2 ..	HC	Water		1958
	6	78.0	2 ..	2 ..	HC	Water		1959
	7	78.0	2 ..	2 ..	HC	Water		1959
	8	78.0	2 ..	2 ..	HC	Water		1959
	9	78.0	2 ..	2 ..	HC	Water		1953
Detroit (Marion)	1	50.0	2 115.0	2 100.0	HC	Water		1953
	2	50.0	2 ..	2 ..	HC	Water		1955
Doxter (Lano)	1	15.0	17.0	17.0	HC	Water		1968
Foster (Linn)	1	10.0	2 23.0	2 21.0	HC	Water		1968
	2	10.0	2 ..	2 ..	HC	Water		1967
Green Peter (Linn)	1	40.0	2 92.0	2 76.0	HC	Water		1967
	2	40.0	2 ..	2 ..	HC	Water		1967

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Oregon</b>								
USCE, Portland District								
Hills Creek (Lane)	1	15.0	2 35.0	2 31.0	HC	Water		1962
	2	15.0	2 .	2 .	HC	Water		1962
John Day (Shorman)	1	135.0	2 2,484.0	2 2,484.0	HC	Water		1968
	10	135.0	2 .	2 .	HC	Water		1968
	11	135.0	2 .	2 .	HC	Water		1970
	12	135.0	2 .	2 .	HC	Water		1970
	13	135.0	2 .	2 .	HC	Water		1970
	14	135.0	2 .	2 .	HC	Water		1971
	15	135.0	2 .	2 .	HC	Water		1971
	16	135.0	2 .	2 .	HC	Water		1971
	2	135.0	2 .	2 .	HC	Water		1971
	3	135.0	2 .	2 .	HC	Water		1968
	4	135.0	2 .	2 .	HC	Water		1968
	5	135.0	2 .	2 .	HC	Water		1968
	6	135.0	2 .	2 .	HC	Water		1969
	7	135.0	2 .	2 .	HC	Water		1969
	8	135.0	2 .	2 .	HC	Water		1969
	9	135.0	2 .	2 .	HC	Water		1969
Lookout Point (Lane)	1	40.0	2 138.0	2 84.0	HC	Water		1955
	2	40.0	2 .	2 .	HC	Water		1955
	3	40.0	2 .	2 .	HC	Water		1955
Lost Creek (Jackson)	1	24.5	2 48.0	2 48.0	HC	Water		1977
	2	24.5	2 .	2 .	HC	Water		1977
McNary (Umatilla)	1	70.0	2 1,127.0	2 1,127.0	HC	Water		1953
	10	70.0	2 .	2 .	HC	Water		1955
	11	70.0	2 .	2 .	HC	Water		1955
	12	70.0	2 .	2 .	HC	Water		1956
	13	70.0	2 .	2 .	HC	Water		1956
	14	70.0	2 .	2 .	HC	Water		1957
	2	70.0	2 .	2 .	HC	Water		1957
	3	70.0	2 .	2 .	HC	Water		1954
	4	70.0	2 .	2 .	HC	Water		1954
	5	70.0	2 .	2 .	HC	Water		1954
	6	70.0	2 .	2 .	HC	Water		1954
	7	70.0	2 .	2 .	HC	Water		1955
	8	70.0	2 .	2 .	HC	Water		1955
	9	70.0	2 .	2 .	HC	Water		1955

See footnotes at end of table



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Pennsylvania</b>								
Allegheny Electric Coop Inc Wm F Mazon Gen Stat (Juniata)	1	7.0	2.4	7.2	HC	Water		1988
	2	14.7	5.2	14.8	HC	Water		1988
Duquesne Light Co Beaver Valley (Beaver)	**1	923.4	810.0	810.0	NP	Uranium		1976
	**2	923.4	833.0	833.0	NP	Uranium		1987
Brunot Island (Allegheny)	1A	23.6	18.0	22.0	GT	FO2		1971
	1B	23.6	18.0	22.0	GT	FO2		1972
	1C	23.6	18.0	22.0	GT	FO2		1973
	2A	65.3	45.0	56.0	CT	FO2		1973
	2B	65.3	45.0	56.0	CT	FO2		1973
	3	65.3	45.0	56.0	CT	FO2		1974
	4	144.0	69.0	72.0	CA	WH	FO2	1970
	1	565.3	562.0	570.0	ST	BIT	Nat Gas	1952
Cheswick (Allegheny)	1	100.0	97.0	100.0	ST	BIT		1953
Elrama (Washington)	1	100.0	97.0	100.0	ST	BIT		1954
	2	100.0	97.0	100.0	ST	BIT		1954
	3	125.0	109.0	112.0	ST	BIT		1960
	4	185.3	171.0	175.0	ST	BIT		1942
F R Phillips (Allegheny)	1	69.0	72.0	75.0	ST	BIT		1949
	2	81.3	75.0	78.0	ST	BIT		1950
	3	81.3	75.0	78.0	ST	BIT		1950
	4	179.7	128.0	134.0	ST	BIT		1956
GPU Nuclear Corp Three Mile Island (Dauphin)	**1	872.0	808.0	832.0	NP	Uranium		1974
Metropolitan Edison Co Hamilton (Adams)	1	19.6	20.0	26.0	GT	FO2		1971
	1	19.6	20.0	27.0	GT	Nat Gas	FO2	1971
Hunterstown (Adams)	2	19.6	20.0	27.0	GT	Nat Gas	FO2	1971
	3	19.6	20.0	27.0	GT	Nat Gas	FO2	1972
	1	26.6	20.0	27.0	GT	Nat Gas	FO2	1972
Mountain (Cumberland)	2	26.6	20.0	26.0	GT	FO2		1971
	1	19.6	20.0	26.0	ST	BIT		1958
Orrtanna (Adams)	1	171.7	158.0	156.0	ST	BIT		1962
Portland (Northampton)	1	255.0	243.0	243.0	ST	BIT		1967
	2	18.0	15.0	19.0	GT	Nat Gas	FO2	1971
	3	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
	4	19.6	20.0	26.0	GT	FO2		1972
Shawnee (Northampton)	1	19.6	20.0	26.0	GT	FO2		1961
	1	75.0	81.0	83.0	ST	BIT		1951
Titus (Berks)	1	75.0	79.0	81.0	ST	BIT		1953
	2	75.0	81.0	83.0	ST	BIT		1953
	3	75.0	81.0	83.0	ST	BIT		1953
	4	18.0	15.0	19.0	GT	Nat Gas	FO2	1967
	5	17.6	16.0	20.0	GT	Nat Gas	FO2	1970
Tolna (York)	1	26.6	20.0	27.0	GT	FO2		1972
	2	26.6	20.0	27.0	GT	FO2		1972
York Haven (Dauphin)	1	19.6	19.0	19.0	HC	Water		1905
Pennsylvania Electric Co Benton (Sullivan)	2	2.0	2.0	2.0	IC	FO2		1960
	3	2.0	2.0	2.0	IC	FO2		1960
Blossburg (Tioga)	1	23.6	19.0	26.0	GT	Nat Gas		1971
	**A	2.8	2.7	2.7	IC	FO2		1970
	**B	2.8	2.7	2.7	IC	FO2		1970
	**C	2.8	2.7	2.7	IC	FO2		1970
Conemaugh (Indiana)	**D	2.8	2.7	2.7	IC	FO2		1970
	**1	936.0	850.0	850.0	ST	BIT		1971
Front Street (Erie)	**2	936.0	850.0	850.0	ST	BIT		1953
	1	18.8	15.0	15.0	ST	BIT		1917
	2	10.0	8.0	10.1	ST	BIT		1927
	3	15.0	15.0	15.0	ST	BIT		1944
	4	25.0	28.0	28.0	ST	BIT		1952
	5	50.0	52.0	52.0	ST	BIT		1969
	**1	660.0	620.0	620.0	ST	BIT		1969
Homer City (Indiana)	**2	660.0	614.0	614.0	ST	BIT		1969
	**3	692.0	650.0	650.0	ST	BIT		1977

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Pennsylvania</b>								
Pennsylvania Electric Co								
Keystone (Armstrong) .....	**1	938.0	850.0	850.0	ST	BIT		1967
	**2	936.0	850.0	850.0	ST	BIT		1968
	**3	2.8	2.7	2.7	IC	FO2		1968
	**4	2.8	2.7	2.7	IC	FO2		1968
	**5	2.8	2.7	2.7	IC	FO2		1968
	**6	2.8	2.7	2.7	IC	FO2		1968
Piney (Clarion) .....	1	9.6	9.0	9.0	HC	Water		1924
	2	9.6	9.0	9.0	HC	Water		1924
	3	9.6	9.0	10.0	HC	Water		1927
Seneca (Warren) .....	**1	198.0	175.0	175.0	HR	Water		1969
	**2	198.0	175.0	175.0	HR	Water		1969
	**3	26.0	30.0	30.0	HC	Water		1969
Seward (Indiana) .....	4	62.0	60.0	62.0	ST	BIT		1950
	5	156.2	136.0	137.0	ST	BIT		1957
Shawville (Clearfield) .....	1	125.0	122.0	128.0	ST	BIT		1954
	2	125.0	125.0	130.0	ST	BIT		1954
	3	187.5	175.0	180.0	ST	BIT		1959
	4	187.5	175.0	180.0	ST	BIT		1960
	5	2.0	2.0	2.0	IC	FO2		1963
	6	2.0	2.0	2.0	IC	FO2		1963
	7	2.0	2.0	2.0	IC	FO2		1963
Warren (Warren) .....	1	42.3	44.0	44.0	ST	BIT		1948
	2	42.3	44.0	44.0	ST	BIT		1949
	3	53.1	57.0	79.0	GT	Nat Gas	FO2	1972
Wayne (Crawford) .....	A	53.1	54.0	76.0	GT	FO2		1972
Williamsburg (Blair) .....	5	25.0	32.0	33.0	ST	BIT		1944
Pennsylvania Power & Light Co								
Allentown (Lehigh) .....	CT1	16.0	14.0	18.0	GT	FO2		1967
	CT2	16.0	14.0	18.0	GT	FO2		1967
	CT3	16.0	14.0	18.0	GT	FO2		1967
	CT4	16.0	14.0	18.0	GT	FO2		1967
Brunner Island (York) .....	D1	2.8	2.7	2.7	IC	FO2		1967
	D2	2.8	2.7	2.7	IC	FO2		1967
	D3	2.8	2.7	2.7	IC	FO2		1967
	1	363.3	321.0	334.0	ST	BIT		1961
	2	405.0	378.0	390.0	ST	BIT		1965
	3	790.4	730.0	740.0	ST	BIT		1968
Fishbach (Schuylkill) .....	CT1	18.6	14.0	18.0	GT	FO2		1969
	CT2	18.6	14.0	18.0	GT	FO2		1969
Harrisburg (Dauphin) .....	CT1	16.0	14.0	18.0	GT	FO2		1967
	CT2	16.0	14.0	18.0	GT	FO2		1967
	CT3	16.0	14.0	18.0	GT	FO2		1967
	CT4	16.0	14.0	18.0	GT	FO2		1967
Harwood (Luzerne) .....	CT1	16.0	14.0	18.0	GT	FO2		1967
	CT2	16.0	14.0	18.0	GT	FO2		1967
Holtwood (Lancaster) .....	1	10.4	9.8	9.8	HC	Water		1910
	10	12.0	11.3	11.3	HC	Water		1924
	11	.5	.5	.5	HC	Water		1910
	13	.5	.5	.5	HC	Water		1910
	17	75.0	72.0	73.0	ST	ANT	PC	1954
	2	10.4	9.8	9.8	HC	Water		1911
	3	10.4	9.8	9.8	HC	Water		1911
	4	10.4	9.8	9.8	HC	Water		1911
	5	10.4	9.8	9.8	HC	Water		1911
	6	10.4	9.8	9.8	HC	Water		1912
	7	10.4	9.8	9.8	HC	Water		1913
	8	10.4	9.8	9.8	HC	Water		1914
	9	12.0	11.3	11.3	HC	Water		1924
Jenkins (Luzerne) .....	CT1	16.0	14.0	18.0	GT	FO2		1969
	CT2	16.0	14.0	18.0	GT	FO2		1969
Lock Haven (Clinton) .....	GT1	18.6	14.0	18.0	GT	FO2		1969
Martins Creek (Northampton) .....	**CT1	23.6	18.0	24.0	GT	FO2		1971
	**CT2	23.6	18.0	24.0	GT	FO2		1971
	**CT3	23.6	18.0	24.0	GT	FO2		1971
	**CT4	23.6	18.0	24.0	GT	FO2		1971

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Pennsylvania</b>								
Pennsylvania Power & Light Co								
	D1	2.8	2.5	2.5	IC	FO2		1967
	D2	2.8	2.5	2.5	IC	FO2		1967
	1	156.3	140.0	150.0	ST	BIT		1954
	2	156.3	140.0	150.0	ST	BIT		1956
	3	850.5	820.0	820.0	ST	FO6		1975
	4	850.5	820.0	820.0	ST	FO6		1976
	1	805.5	740.0	750.0	ST	BIT		1971
Montour (Montour) .....	1	805.5	740.0	750.0	ST	FO2	BIT	1972
	11	17.2	15.0	15.0	ST	BIT		1973
	2	819.0	740.0	750.0	ST	FO2		1971
Sunbury (Snyder) .....	**CT1	23.6	18.0	24.0	GT	FO2		1971
	**CT2	23.6	18.0	24.0	GT	FO2		1967
	D1	2.8	3.0	3.0	IC	FO2		1967
	D2	2.8	3.0	3.0	IC	FO2		1967
	1	75.0	70.0	76.0	ST	ANT	PC	1949
	2	75.0	70.0	76.0	ST	ANT	PC	1949
	3	103.5	94.0	103.0	ST	BIT		1951
	4	156.3	128.0	134.0	ST	BIT		1953
Susquehanna (Luzerne) .....	**1	1,152.0	1,050.0	1,050.0	NB	Uranium		1982
	**2	1152.0	1050.0	1050.0	NB	Uranium		1984
Wallenpaupack (Pike) .....	1	20.0	22.0	22.0	HC	Water		1926
	2	20.0	22.0	22.0	HC	Water		1926
West Shore (Dauphin) .....	CT1	18.6	14.0	18.0	GT	FO2		1969
	CT2	18.6	14.0	18.0	GT	FO2		1969
Williamsport (Lycoming) .....	CT1	16.0	14.0	18.0	GT	FO2		1967
	CT2	16.0	14.0	18.0	GT	FO2		1967
Pennsylvania Power Co								
Bruce Mansfield (Beaver) .....	**1	913.8	769.0	780.0	ST	BIT		1975
	**2	913.8	769.0	780.0	ST	BIT		1977
	**3	913.8	789.0	800.0	ST	BIT		1980
New Castle (Lawrence) .....	**A	2.8	3.0	3.0	IC	FO2		1968
	**B	2.8	3.0	3.0	IC	FO2		1968
	1	37.5	33.0	35.0	ST	BIT		1939
	2	40.2	40.0	42.0	ST	BIT		1947
	3	97.8	97.0	98.0	ST	BIT		1952
	4	113.6	96.0	98.0	ST	BIT		1958
	5	136.0	136.0	137.0	ST	BIT		1964
Philadelphia Electric Co								
Chester (Delaware) .....	7	18.6	13.0	18.0	GT	FO2		1969
	8	18.6	13.0	18.0	GT	FO2		1969
	9	18.6	13.0	18.0	GT	FO2		1969
Cromby (Chester) .....	IC1	2.8	2.7	2.7	IC	FO2		1967
	1	187.5	144.0	147.0	ST	BIT		1954
	2	230.0	201.0	211.0	ST	FO6		1955
Croydon (Bucks) .....	11	68.3	39.0	53.0	GT	FO2		1974
	12	68.3	39.0	53.0	GT	FO2		1974
	21	68.3	45.0	59.0	GT	FO2		1974
	22	68.3	34.0	48.0	GT	FO2		1974
	31	68.3	39.0	53.0	GT	FO2		1974
	32	68.3	45.0	59.0	GT	FO2		1974
	41	68.3	39.0	53.0	GT	FO2		1974
	42	68.3	45.0	59.0	GT	FO2		1974
Delaware (Philadelphia) .....	1	2.8	2.7	2.7	IC	FO2		1967
	10	18.6	13.0	18.0	GT	FO2		1969
	11	18.6	13.0	18.0	GT	FO2		1969
	12	18.6	13.0	18.0	GT	FO2		1969
	7	156.3	126.0	128.0	ST	FO6		1953
	8	156.3	124.0	128.0	ST	FO6		1953
	9	21.3	15.0	20.0	GT	FO2		1970
Eddystone (Delaware) .....	1	353.6	265.0	274.0	ST	BIT		1959
	10	18.6	13.0	18.0	GT	FO2		1967
	2	353.6	274.0	283.0	ST	BIT		1960
	20	18.6	13.0	18.0	GT	FO2		1967
	3	391.0	380.0	380.0	ST	FO6		1974
	30	21.3	15.0	20.0	GT	FO2		1970

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Pennsylvania</b>								
Philadelphia Electric Co	4	391.0	380.0	380.0	ST	FO6		1976
Falls (Bucks) .....	40	21.3	15.0	20.0	GT	FO2		1970
	1	21.3	15.0	20.0	GT	FO2		1970
	2	21.3	15.0	20.0	GT	FO2		1970
	3	21.3	15.0	20.0	GT	FO2		1970
Limerick (Montgomery) .....	1	1092.0	1055.0	1062.0	NB	Uranium		1985
	2	1092.0	1055.0	1062.0	NB	Uranium		1989
Mpser (Montgomery) .....	1	21.3	15.0	20.0	GT	FO2		1970
	2	21.3	15.0	20.0	GT	FO2		1970
	3	21.3	15.0	20.0	GT	FO2		1970
Muddy Run (Lancaster) .....	1	100.0	110.0	110.0	HR	Water		1967
	2	100.0	110.0	110.0	HR	Water		1967
	3	100.0	110.0	110.0	HR	Water		1967
	4	100.0	110.0	110.0	HR	Water		1967
	5	100.0	110.0	110.0	HR	Water		1967
	6	100.0	110.0	110.0	HR	Water		1967
	7	100.0	110.0	110.0	HR	Water		1967
	8	100.0	110.0	110.0	HR	Water		1968
Peach Bottom (York) .....	**2	1152.0	1051.0	1055.0	NB	Uranium		1968
	**3	1152.0	1035.0	1035.0	NB	Uranium		1974
Richmond (Philadelphia) .....	81	65.9	48.0	66.0	GT	FO2		1973
	91	65.9	48.0	66.0	GT	FO2		1973
	92	65.9	48.0	66.0	GT	FO2		1973
Schuylkill (Philadelphia) .....	IC1	2.8	2.8	2.8	IC	FO2		1967
	1	190.4	166.0	175.0	ST	FO6		1958
	10	18.6	13.0	18.0	GT	FO2		1969
	11	21.3	15.0	20.0	GT	FO2		1971
Southwark (Philadelphia) .....	3	18.6	13.0	18.0	GT	FO2		1967
	4	18.6	13.0	18.0	GT	FO2		1967
	5	18.6	13.0	18.0	GT	FO2		1967
	6	18.6	13.0	18.0	GT	FO2		1967
Safe Harbor Water Power Corp								
Safe Harbor (Lancaster) .....	1	33.0	33.0	33.0	HC	Water		1940
	10	37.5	37.5	37.5	HC	Water		1985
	11	37.5	37.5	37.5	HC	Water		1986
	12	37.5	37.5	37.5	HC	Water		1985
	2	33.0	33.0	33.0	HC	Water		1934
	3	32.0	32.0	32.0	HC	Water		1931
	4	32.0	32.0	32.0	HC	Water		1931
	41	2.0	2.0	2.0	HC	Water		1931
	42	2.0	2.0	2.0	HC	Water		1931
	5	32.0	32.0	32.0	HC	Water		1931
	6	32.0	32.0	32.0	HC	Water		1931
	7	32.0	32.0	32.0	HC	Water		1933
	8	37.5	37.5	37.5	HC	Water		1985
	9	37.5	37.5	37.5	HC	Water		1986
UGI Corp								
Hunlock Power (Luzerne) .....	3	50.0	47.0	48.0	ST	ANT		1959
West Penn Power Co								
Armstrong (Armstrong) .....	1	163.2	172.0	176.0	ST	BIT		1958
	2	163.2	171.0	176.0	ST	BIT		1959
Hatfields Ferry (Greene) .....	**1	576.0	500.0	555.0	ST	BIT		1969
	**2	576.0	500.0	555.0	ST	BIT		1970
	**3	576.0	465.0	465.0	ST	BIT		1971
Mitchell (Washington) .....	1	74.8	77.0	77.0	ST	FO6		1948
	2	74.8	77.0	77.0	ST	FO6	BIT	1949
	3	299.2	275.0	284.0	ST	BIT		1963
Springdale (Allegheny) .....	7	74.8	85.0	86.0	ST	FO6		1945
	8	140.6	121.0	121.0	ST	FO6		1954

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Rhode Island</b>								
Block Island Power Co								1959
Block Island (Washington)	IC9	0.4	0.3	0.4	IC	FO2		1965
	10	.5	.4	.4	IC	FO2		1972
	11	1.0	.8	.8	IC	FO2		1974
	12	1.0	.8	1.0	IC	FO2		1981
	13	.7	.5	.7	IC	FO2		1981
	14	.4	.3	.3	IC	FO2		1982
	15	.4	.3	.4	IC	FO2		1984
	16	.9	.6	.6	IC	FO2		1987
	17	1.6	1.6	1.6	IC	FO2		
New England Power Co								1947
Manchester Street (Providence)	10	46.0	45.3	46.3	ST	FO6	Nat Gas	1949
	11	46.0	46.0	46.3	ST	FO6	Nat Gas	1941
	9	40.0	42.2	44.3	ST	FO6	Nat Gas	1967
South Street (Providence)	IC1	2.8	<sup>2</sup> 5.5	<sup>3</sup> 5.5	IC	FO2		1967
	IC2	2.8	2 -	3 -	IC	FO2		1918
	1HP	21.4	<sup>4</sup> 99.3	<sup>5</sup> 100.0	ST	FO6	Nat Gas	1918
	1LP	27.0	4 -	5 -	ST	FO6	Nat Gas	1955
	12	62.5	4 -	5 -	ST	FO6	Nat Gas	
Newport Electric Corp								1970
Eldred (Newport)	1	2.8	2.8	2.8	IC	FO2		1970
	2	2.8	2.8	2.8	IC	FO2		1978
	3	2.8	2.8	2.8	IC	FO2		1960
Jepson (Newport)	1	2.0	2.0	2.0	IC	FO2		1960
	2	2.0	2.0	2.0	IC	FO2		1960
	3	2.0	2.0	2.0	IC	FO2		1961
	4	2.0	2.0	2.0	IC	FO2		
Providence City of Providence (Providence)	1	1.5	1.4	1.4	HC	Water		1930
<b>South Carolina</b>								
Abbeville City of Rocky River (Abbeville)	IC1	1.1	1.1	1.1	IC	FO2		1946
	1	1.8	1.8	1.8	HC	Water		1940
	2	.8	.8	.8	HC	Water		1940
Carolina Power & Light Co Darlington County (Darlington)	1	66.8	52.0	64.0	GT	Nat Gas	FO2	1974
	10	65.8	52.0	64.0	GT	LPG	FO2	1974
	11	66.8	52.0	64.0	GT	LPG	FO2	1974
	2	65.8	52.0	64.0	GT	LPG	FO2	1974
	3	66.8	52.0	64.0	GT	Nat Gas	FO2	1974
	4	65.8	52.0	64.0	GT	LPG	FO2	1974
	5	66.8	52.0	64.0	GT	Nat Gas	FO2	1975
	6	65.8	52.0	64.0	GT	LPG	FO2	1974
	7	66.8	52.0	64.0	GT	FO2	Nat Gas	1975
	8	65.8	52.0	64.0	GT	LPG	FO2	1974
	9	66.8	52.0	64.0	GT	LPG	FO2	1974
H B Robinson (Darlington)	GT1	16.3	15.0	18.0	GT	Nat Gas	FO2	1968
	1	206.6	174.0	185.0	ST	BIT		1960
	2	768.7	665.0	700.0	NP	Uranium		1970
Duke Power Co								1909
Boys Mill (Laurens)	1	.7	.1	.1	HC	Water		1909
	2	.7	.1	.1	HC	Water		1940
Buzzard Roost (Greenwood)	HC1	5.0	4.4	4.4	HC	Water		1940
	HC2	5.0	4.4	4.4	HC	Water		1940
	HC3	5.0	4.4	4.4	HC	Water		1940
	10	17.8	18.0	18.0	GT	FO2	Nat Gas	1971
	11	17.8	18.0	18.0	GT	FO2	Nat Gas	1971
	12	17.8	18.0	18.0	GT	FO2	Nat Gas	1971
	13	17.8	18.0	18.0	GT	FO2	Nat Gas	1971

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>South Carolina</b>								
Duke Power Co								
	14	17.8	18.0	18.0	GT	FO2	Nat Gas	1971
	15	17.8	18.0	18.0	GT	FO2	Nat Gas	1971
	6	22.7	22.0	22.0	GT	FO2	Nat Gas	1971
	7	22.7	22.0	22.0	GT	FO2	Nat Gas	1971
	8	22.7	22.0	22.0	GT	FO2	Nat Gas	1971
	9	22.7	22.0	22.0	GT	FO2	Nat Gas	1971
Catawba (York) .....	**1	1205.1	1129.0	1129.0	NP	Uranium	Nat Gas	1971
	**2	1205.1	1129.0	1129.0	NP	Uranium		1985
Cedar Creek (Lancaster) .....	1	15.0	13.0	13.0	HC	Water		1986
	2	15.0	13.0	13.0	HC	Water		1926
	3	15.0	13.0	13.0	HC	Water		1926
Dearborn (Chester) .....	1	15.0	12.0	12.0	HC	Water		1926
	2	15.0	12.0	12.0	HC	Water		1922
	3	15.0	12.0	12.0	HC	Water		1922
Fishing Creek (Chester) .....	1	9.4	10.0	10.0	HC	Water		1916
	2	6.0	7.0	7.0	HC	Water		1916
	3	6.0	7.0	7.0	HC	Water		1916
	4	9.4	10.0	10.0	HC	Water		1916
	5	6.0	7.0	7.0	HC	Water		1916
Gaston Shoals (Cherokee) .....	2	2.3	1.6	1.6	HC	Water		1916
	3	1.4	1.0	1.0	HC	Water		1908
	4	1.4	1.0	1.0	HC	Water		1908
	5	1.4	1.0	1.0	HC	Water		1908
	6	2.5	1.7	1.7	HC	Water		1908
Great Falls (Chester) .....	1	3.0	3.0	3.0	HC	Water		1927
	2	3.0	3.0	3.0	HC	Water		1907
	3	3.0	3.0	3.0	HC	Water		1907
	4	3.0	3.0	3.0	HC	Water		1907
	5	3.0	3.0	3.0	HC	Water		1907
	6	3.0	3.0	3.0	HC	Water		1907
	7	3.0	3.0	3.0	HC	Water		1907
	8	3.0	3.0	3.0	HC	Water		1907
Holidays Bridge (Greenville) .....	1	1.0	.7	.7	HC	Water		1907
	2	1.0	.7	.7	HC	Water		1906
	3	1.0	.7	.7	HC	Water		1906
	4	.5	.3	.3	HC	Water		1906
Jocassee (Pickens) .....	1	152.5	160.0	160.0	HR	Water		1924
	2	152.5	160.0	160.0	HR	Water		1973
	3	152.5	160.0	160.0	HR	Water		1973
	4	152.5	160.0	160.0	HR	Water		1975
Keowee (Pickens) .....	1	70.0	70.0	70.0	HR	Water		1975
	2	70.0	70.0	70.0	HC	Water		1971
Oconee (Oconee) .....	1	886.7	846.0	846.0	NP	Uranium		1971
	2	886.7	846.0	846.0	NP	Uranium		1973
	3	893.3	846.0	846.0	NP	Uranium		1973
Rocky Creek (Fairfield) .....	1	3.0	2.9	2.9	HC	Water		1974
	2	3.0	2.9	2.9	HC	Water		1909
	3	3.0	2.9	2.9	HC	Water		1909
	4	3.0	2.9	2.9	HC	Water		1909
	5	5.0	4.8	4.8	HC	Water		1909
	6	5.0	4.8	4.8	HC	Water		1909
	7	3.0	2.9	2.9	HC	Water		1909
	8	3.0	2.9	2.9	HC	Water		1909
Saluda (Greenville) .....	1	.6	.1	.1	HC	Water		1909
	2	.6	.1	.1	HC	Water		1905
	3	.6	.1	.1	HC	Water		1905
	4	.6	.1	.1	HC	Water		1905
Urquhart (Aiken) .....	3	15.7	15.0	15.0	GT	FO2	Nat Gas	1905
W S Lee (Anderson) .....	1	90.0	100.0	100.0	ST	BIT		1969
	2	90.0	100.0	100.0	ST	BIT		1951
	3	165.0	170.0	170.0	ST	BIT		1951
	4	35.1	30.0	30.0	GT	FO2	Nat Gas	1958
	5	35.1	30.0	30.0	GT	FO2	Nat Gas	1978
	6	35.1	30.0	30.0	GT	FO2	Nat Gas	1968
Waterloo (Kershaw) .....	1	11.2	14.8	4.8	HC	Water	Nat Gas	1968

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>South Carolina</b>								
Duke Power Co	2	11.2	14.8	14.8	HC	Water		1919
	3	11.2	14.8	14.8	HC	Water		1919
	4	11.2	14.8	14.8	HC	Water		1919
	5	11.2	14.8	14.8	HC	Water		1919
Wylie (York) .....	1	15.0	14.0	14.0	HC	Water		1925
	2	15.0	14.0	14.0	HC	Water		1925
	3	15.0	14.0	14.0	HC	Water		1925
	4	15.0	14.0	14.0	HC	Water		1925
99 Islands (Cherokee) .....	1	3.0	2.0	2.0	HC	Water		1910
	2	3.0	2.0	2.0	HC	Water		1910
	3	3.0	2.0	2.0	HC	Water		1910
	4	3.0	2.0	2.0	HC	Water		1910
	5	3.0	2.0	2.0	HC	Water		1910
	6	3.0	2.0	2.0	HC	Water		1910
Lockhart Power Co								
Lockhart (Union) .....	HY1	2.8	3.5	3.5	HC	Water		1921
	HY3	2.8	3.5	3.5	HC	Water		1921
	HY4	2.8	3.5	3.5	HC	Water		1921
	HY5	1.1	1.0	1.0	HC	Water		1921
	2	2.8	3.5	3.5	HC	Water		1921
South Carolina Electric & Gas Co								
Burton (Beaufort) .....	1	11.5	9.5	10.0	GT	FO2	Nat Gas	1961
	2	11.5	9.5	10.0	GT	FO2	Nat Gas	1963
	3	11.5	9.5	10.0	GT	FO2	Nat Gas	1963
Canadys Steam (Colleton) .....	GT1	16.3	14.0	15.0	GT	FO2	Nat Gas	1968
	1	136.0	125.0	125.0	ST	BIT	Nat Gas	1962
	2	136.0	125.0	125.0	ST	BIT	Nat Gas	1964
	3	217.6	180.0	180.0	ST	BIT	Nat Gas	1967
Coit GT (Richland) .....	1	19.6	15.0	18.0	GT	FO2	Nat Gas	1969
	2	19.6	15.0	18.0	GT	FO2	Nat Gas	1964
Columbia (Richland) .....	1	1.6	1.4	1.4	HC	Water		1929
	2	1.6	1.4	1.4	HC	Water		1929
	3	1.6	1.4	1.4	HC	Water		1929
	4	1.3	1.4	1.4	HC	Water		1953
	5	1.3	1.4	1.4	HC	Water		1953
	6	1.6	1.4	1.4	HC	Water		1928
	7	1.6	1.4	1.4	HC	Water		1927
Faber Place (Charleston) .....	1	11.5	9.5	9.5	GT	Nat Gas		1961
Fairfield PS (Fairfield) .....	1	63.9	64.0	64.0	HR	Water		1978
	2	63.9	64.0	64.0	HR	Water		1978
	3	63.9	64.0	64.0	HR	Water		1978
	4	63.9	64.0	64.0	HR	Water		1978
	5	63.9	64.0	64.0	HR	Water		1978
	6	63.9	64.0	64.0	HR	Water		1978
	7	63.9	64.0	64.0	HR	Water		1978
	8	63.9	64.0	64.0	HR	Water		1978
Hagood (Charleston) .....	1	25.9	23.0	24.0	ST	FO6	Nat Gas	1947
	2	25.9	23.0	24.0	ST	FO6	Nat Gas	1950
	3	46.0	48.0	48.0	ST	FO6	Nat Gas	1951
Harder ville (Jasper) .....	1	16.3	14.0	15.0	GT	FO2		1968
McMackin (Lexington) .....	1	146.9	126.0	127.0	ST	BIT	Nat Gas	1958
	2	146.9	126.0	127.0	ST	BIT	Nat Gas	1958
Neal Shoals (Union) .....	1	1.3	1.3	1.3	HC	Water		1966
	2	1.3	1.3	1.3	HC	Water		1966
	3	1.3	1.3	1.3	HC	Water		1966
	4	1.3	1.3	1.3	HC	Water		1966
Parr (Fairfield) .....	1	2.5	2.3	2.3	HC	Water		1914
	2	2.5	2.3	2.3	HC	Water		1914
	3	2.5	2.3	2.3	HC	Water		1914
	4	2.5	2.3	2.3	HC	Water		1914
	5	2.5	2.3	2.3	HC	Water		1914
	6	2.5	2.3	2.3	HC	Water		1921
Parr Steam (Fairfield) .....	CT1	17.6	13.0	17.0	CT	FO2	Nat Gas	1970

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>South Carolina</b>								
South Carolina Electric & Gas Co								
	CT2	17.6	13.0	17.0	CT	FO2	Nat Gas	1970
	CT3	19.6	17.0	21.0	CT	FO2	Nat Gas	1971
	GT4	19.6	17.0	21.0	CT	FO2	Nat Gas	1971
	1	12.5	12.5	12.5	CW	WH		1925
	2	30.0	28.0	28.0	CW	WH		1926
Saluda (Lexington) .....	3	30.0	28.0	28.0	CW	WH		1929
	1	32.5	34.0	34.0	HC	Water		1930
	2	32.5	34.0	34.0	HC	Water		1930
	3	32.5	34.0	34.0	HC	Water		1930
	4	32.5	34.0	34.0	HC	Water		1930
Summer (Fairfield) .....	5	67.5	70.0	70.0	HC	Water		1971
Urquhart (Aiken) .....	**1	953.9	885.0	894.0	NP	Uranium		1982
	GT1	19.6	15.0	18.0	GT	FO2	Nat Gas	1969
	GT2	16.3	12.0	14.0	GT	FO2	Nat Gas	1969
	1	75.0	75.0	76.0	ST	BIT	Nat Gas	1953
	2	75.0	75.0	76.0	ST	BIT	Nat Gas	1954
Waterloo (Richland) .....	3	100.0	100.0	102.0	ST	BIT	Nat Gas	1955
	1	385.9	350.0	360.0	ST	BIT		1970
	2	385.9	350.0	360.0	ST	BIT		1971
South Carolina Genertg Co Inc								
Williams (Berkeley) .....	ST1	632.7	560.0	565.0	ST	BIT		1973
	1	26.9	24.5	29.0	GT	FO2	Nat Gas	1972
	2	26.9	24.5	29.0	GT	FO2	Nat Gas	1972
South Carolina Pub Serv Auth								
Cross (Berkeley) .....	2	556.2	514.0	514.0	ST	BIT		1984
Dolphus M Grainger (Horry) .....	**1	81.6	85.0	85.0	ST	BIT		1966
	**2	81.6	84.0	84.0	ST	BIT		1966
Hilton Head (Beaufort) .....	**1	26.6	20.0	25.0	GT	FO2		1973
	2	26.6	20.0	25.0	GT	FO2		1974
	3	64.7	57.0	70.0	GT	FO2		1979
Jefferies (Berkeley) .....	H1	30.6	<sup>2</sup> 44.0	<sup>2</sup> 44.0	HC	Water		1942
	H2	30.6	2 -	2 -	HC	Water		1942
	H3	30.6	2 -	2 -	HC	Water		1942
	H4	30.6	2 -	2 -	HC	Water		1942
	H6	19.2	2 -	2 -	HC	Water		1942
	1	50.0	46.0	46.0	ST	FO6		1953
	2	50.0	46.0	46.0	ST	FO6		1953
	3	172.8	153.0	153.0	ST	BIT		1969
	4	172.8	153.0	153.0	ST	BIT		1970
Myrtle Beach (Horry) .....	1	11.5	10.0	11.0	GT	FO2	Nat Gas	1962
	2	11.5	10.0	11.0	GT	FO2	Nat Gas	1962
	3	26.6	20.0	25.0	GT	FO2		1972
	4	26.6	20.0	25.0	GT	FO2		1972
	5	35.3	30.0	35.0	GT	FO2		1976
Spillway (Berkeley) .....	1	2.0	2.0	2.0	HC	Water		1950
St Stephens (Berkeley) .....	**1	28.0	28.0	28.0	HC	Water		1984
	**2	28.0	28.0	28.0	HC	Water		1984
	**3	28.0	28.0	28.0	HC	Water		1984
Winyah (Georgetown) .....	1	315.0	269.0	269.0	ST	BIT		1974
	2	315.0	282.0	282.0	ST	BIT		1977
	3	315.0	274.0	274.0	ST	BIT		1980
	4	315.0	268.0	268.0	ST	BIT		1981
Spartanburg City of								
R B Simms (Spartanburg) .....	1	.5	.5	.5	HC	Water		1926
	2	.5	.5	.5	HC	Water		1926
USCE-Savannah District								
J Strom Thurmond (McCormick) .....	1	40.0	<sup>2</sup> 176.0	<sup>2</sup> 175.0	HC	Water		1953
	2	40.0	2 -	2 -	HC	Water		1953
	3	40.0	2 -	2 -	HC	Water		1953
	4	40.0	2 -	2 -	HC	Water		1953
	5	40.0	2 -	2 -	HC	Water		1954

See footnotes at end of table.



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation		
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate			
<b>South Carolina</b>										
USCE-Savannah District	6	40.0	2 -	2 -	HC	Water		1954		
	7	40.0	2 -	2 -	HC	Water		1954		
<b>South Dakota</b>										
Basin Electric Power Coop Spirit Mound (Clay)	1	67.5	52.0	52.0	GT	FO2		1978		
	2	67.5	44.0	52.0	GT	FO2		1978		
Black Hills Corp Ben French (Pennington)	GT1	25.2	17.0	25.0	GT	FO2		1977		
	GT2	25.2	17.0	25.0	GT	FO2		1977		
	GT3	25.2	17.0	25.0	GT	FO2		1978		
	GT4	25.2	17.0	25.0	GT	FO2		1979		
	IC1	2.0	2.0	2.0	IC	FO2		1965		
	ST1	25.0	21.6	21.6	ST	SUB		1960		
	2	2.0	2.0	2.0	IC	FO2		1965		
	3	2.0	2.0	2.0	IC	FO2		1965		
	4	2.0	2.0	2.0	IC	FO2		1965		
	5	2.0	2.0	2.0	IC	FO2		1965		
	1	5.0	4.6	4.6	ST	SUB		1935		
Kirk (Lawrence)	2	5.0	4.6	4.6	ST	SUB		1935		
	3	5.0	4.6	4.6	ST	SUB		1961		
	4	18.8	16.1	16.1	ST	SUB		1956		
Bryant City of Bryant (Hamlin)	2	.3	.3	.3	IC	FO2		1951		
	1	75.0	64.0	73.4	ST	Nat Gas	FO6	1969		
Northern States Power Co Pathfinder (Minnehaha)	1	75.0	64.0	73.4	ST	Nat Gas	FO6	1969		
	Northwestern Public Service Co	GT1	28.8	20.3	29.4	GT	FO2		1978	
		Aberdeen (Brown)	1	1.0	1.0	1.0	IC	FO2		1936
		Armour (Charles Mix)	2	1.1	1.1	1.1	IC	FO2		1947
		1	1.3	1.2	1.3	IC	FO2		1950	
		Chamberlain (Brule)	1	1.3	1.2	1.3	IC	FO2		1948
		2	1.1	1.0	1.1	IC	FO2		1948	
		1	2.8	2.7	2.7	IC	FO2		1971	
		Clark (Clark)	1	2.8	2.7	2.7	IC	FO2		1969
		Faulkton (Faulk)	1	2.8	2.6	2.7	IC	FO2		1948
		Highmore (Hyde)	1	.7	.6	.7	IC	FO2		1948
		2	1.4	1.2	1.3	IC	FO2		1960	
		3	2.8	2.6	2.7	IC	FO2		1971	
		1	15.0	11.8	14.8	GT	Nat Gas	FO2	1961	
		Huron (Beadle)	1	.5	.5	.5	IC	FO2		1955
		Mobile (Beadle)	1	1.4	1.3	1.3	IC	Nat Gas	FO2	1962
		Redfield (Spink)	1	1.4	1.3	1.3	IC	Nat Gas	FO2	1962
		2	1.4	1.3	1.3	IC	Nat Gas	FO2	1962	
		3	1.4	1.3	1.3	IC	Nat Gas	FO2	1962	
1	.8	.7	.8	IC	FO2		1931			
Webster (Day)	1	.8	.7	.8	IC	FO2		1950		
2	2.0	1.9	1.9	IC	FO2		1950			
1	2.3	2.3	2.3	IC	Nat Gas	FO2	1974			
Yankton New (Yankton)	1	2.3	2.3	2.3	IC	Nat Gas	FO2	1974		
	2	2.8	2.7	2.7	IC	Nat Gas	FO2	1975		
	3	6.5	6.5	6.5	IC	Nat Gas	FO2	1975		
	4	2.0	2.0	2.0	IC	FO2		1963		
Yankton Old (Yankton)	4	1.1	1.1	1.1	IC	FO2		1947		
	4	1.1	1.1	1.1	IC	Nat Gas	FO2	1950		
	5	2.5	2.4	2.4	IC	Nat Gas	FO2	1950		
Otter Tail Power Co	**1	456.0	438.0	438.0	ST	LIG		1975		
	Big Stone (Grant)	GT1	24.1	21.1	29.4	GT	FO2		1978	
	Lake Preston (Kingsbury)	GT1	24.1	21.1	29.4	GT	FO2		1978	
R V Light & Power Co White River (Mellette)	1	.1	.1	.1	HC	Water		1924		
	2	.2	.1	.1	HC	Water		1928		

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>South Dakota</b>								
Sioux Falls City of Sioux Falls (Minnehaha) .....	1	0.2	0.2	0.2	IC	FO2		1928
	2	1.0	.9	1.0	IC	FO2		1936
	5	.7	.8	.7	IC	FO2		1951
	6	.9	.8	.9	IC	FO2		1933
Tyndall City of Tyndall (Bon Hornme) .....	1	1.0	.9	1.0	IC	FO2		1938
	2	1.0	.9	1.0	IC	FO2		1929
	3	1.0	.9	1.0	IC	FO2		1949
USCE-Missouri River District Big Bend (Buffalo) .....	1	58.5	67.0	67.0	HC	Water		1964
	2	58.5	67.0	67.0	HC	Water		1964
	3	58.5	67.0	67.0	HC	Water		1964
	4	58.5	67.0	67.0	HC	Water		1965
	5	58.5	67.0	67.0	HC	Water		1965
	6	58.5	67.0	67.0	HC	Water		1965
	7	58.5	67.0	67.0	HC	Water		1966
	8	58.5	67.0	67.0	HC	Water		1966
Fort Randall (Charles Mix) .....	1	40.0	46.0	46.0	HC	Water		1953
	2	40.0	46.0	46.0	HC	Water		1954
	3	40.0	46.0	46.0	HC	Water		1954
	4	40.0	46.0	45.0	HC	Water		1954
	5	40.0	46.0	46.0	HC	Water		1954
	6	40.0	46.0	46.0	HC	Water		1955
	7	40.0	46.0	46.0	HC	Water		1955
	8	40.0	46.0	46.0	HC	Water		1955
Gavins Point (Yankton) .....	1	44.1	44.1	44.1	HC	Water		1956
	2	44.1	44.1	44.1	HC	Water		1956
	3	44.1	44.1	44.1	HC	Water		1956
Oahe (Hughes) .....	1	112.0	112.0	112.0	HC	Water		1962
	2	112.0	112.0	112.0	HC	Water		1962
	3	112.0	112.0	112.0	HC	Water		1962
	4	112.0	112.0	112.0	HC	Water		1962
	5	112.0	112.0	112.0	HC	Water		1962
	6	112.0	112.0	112.0	HC	Water		1962
	7	112.0	112.0	112.0	HC	Water		1963
Vermillion City of Vermillion (Clay) .....	1	.4	.3	.3	IC	FO2	Nat Gas	1931
	2	.4	.3	.3	IC	FO2	Nat Gas	1931
	3	.8	.8	.8	IC	FO2	Nat Gas	1938
	4	.9	.9	.9	IC	FO2	Nat Gas	1947

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Tennessee</b>								
Tapoco Inc								
Calderwood (Blount) .....	1	40.5	38.0	38.0	HC	Water		1930
	2	40.5	38.0	38.0	HC	Water		1957
	3	40.5	38.0	38.0	HC	Water		1938
	1	16.7	17.7	17.7	HC	Water		1957
Chilhowee (Blount) .....	2	16.7	17.7	17.7	HC	Water		1957
	3	16.7	17.7	17.7	HC	Water		1957
Tennessee Valley Authority								
Allen (Shelby) .....	GT1	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT2	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT3	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT4	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT5	23.9	19.6	23.3	G	Nat Gas	FO2	1971
	GT6	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT7	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT8	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT9	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT10	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT11	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT12	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT13	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT14	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT15	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT16	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT17	59.6	50.6	59.2	GT	Nat Gas	FO2	1972
	GT18	59.6	50.6	59.2	GT	Nat Gas	FO2	1972
	GT19	59.6	50.6	59.2	GT	Nat Gas	FO2	1972
	GT20	59.6	50.6	59.2	GT	Nat Gas	FO2	1972
	1	330.0	291.0	293.0	ST	BIT		1964
	2	330.0	291.0	293.0	ST	BIT		1964
	3	330.0	291.0	293.0	ST	BIT		1964
Boone (Sullivan) .....	1	26.0	23.0	18.0	HC	Water		1953
	2	25.0	23.0	18.0	HC	Water		1952
	3	25.0	24.0	18.0	HC	Water		1967
	1	950.0	900.0	905.0	ST	BIT		1942
Bull Run (Anderson) .....	1	33.5	33.8	18.8	HC	Water		1952
Cherokee (Jefferson) .....	2	34.7	33.8	18.8	HC	Water		1942
	3	34.7	33.8	18.8	HC	Water		1953
	4	32.4	33.8	18.8	HC	Water		1940
Chickamauga (Hamilton) .....	1	30.0	31.0	31.0	HC	Water		1940
	2	30.0	31.0	31.0	HC	Water		1939
	3	30.0	31.0	31.0	HC	Water		1951
	4	30.0	31.0	31.0	HC	Water		1972
Cumberland (Stewart) .....	1	1,300.0	1,269.0	1,269.0	ST	BIT		1973
	2	1300.0	1269.0	1269.0	ST	BIT		1943
Douglas (Sevier) .....	1	31.5	30.0	17.0	HC	Water		1949
	2	28.8	25.0	12.0	HC	Water		1942
	3	31.5	30.0	17.0	HC	Water		1954
	4	28.8	25.0	12.0	HC	Water		1943
Fort Loudoun (Loudon) .....	1	35.6	34.0	34.0	HC	Water		1943
	2	34.2	36.0	36.0	HC	Water		1948
	3	34.2	34.0	34.0	HC	Water		1948
	4	35.2	36.0	36.0	HC	Water		1953
Fort Patrick Henry (Sullivan) .....	1	18.0	18.0	18.0	HC	Water		1953
	2	18.0	18.0	18.0	HC	Water		1953
Gallatin (Sumner) .....	GT1	81.3	72.0	85.0	GT	FO2		1975
	GT2	81.3	72.0	85.0	GT	FO2		1975
	GT3	81.3	72.0	85.0	GT	FO2		1975
	GT4	81.3	72.0	85.0	GT	FO2		1975
	1	300.0	256.0	261.0	ST	BIT		1956
	2	300.0	256.0	261.0	ST	BIT		1957
	3	327.6	284.0	288.0	ST	BIT		1959
	4	327.6	284.0	288.0	ST	BIT		1959
Great Falls (Warren) .....	1	15.4	10.0	10.0	HC	Water		1942
	2	16.5	11.0	11.0	HC	Water		1924
John Sevier (Hawkins) .....	1	200.0	200.0	203.0	ST	BIT		1955

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Tennessee</b>								
Tennessee Valley Authority								
	2	200.0	200.0	203.0	ST	BIT		1955
	3	200.0	200.0	203.0	ST	BIT		1956
	4	200.0	200.0	203.0	ST	BIT		1957
Johnsonville (Humphreys) .....	GT1	68.0	54.0	63.0	GT	FO2		1975
	GT2	68.0	54.0	63.0	GT	FO2		1975
	GT3	68.0	54.0	63.0	GT	FO2		1975
	GT4	68.0	54.0	63.0	GT	FO2		1975
	GT5	68.0	54.0	63.0	GT	FO2		1975
	GT6	68.0	54.0	63.0	GT	FO2		1975
	GT7	68.0	54.0	63.0	GT	FO2		1975
	GT8	68.0	54.0	63.0	GT	FO2		1975
	GT9	68.0	54.0	63.0	GT	FO2		1975
	G10	68.0	54.0	63.0	GT	FO2		1975
	G11	68.0	54.0	63.0	GT	FO2		1975
	G12	68.0	54.0	63.0	GT	FO2		1975
	G13	68.0	54.0	63.0	GT	FO2		1975
	G14	68.0	54.0	63.0	GT	FO2		1975
	G15	68.0	54.0	63.0	GT	FO2		1975
	G16	68.0	54.0	63.0	GT	FO2		1975
	1	125.0	119.0	124.0	ST	BIT		1951
	10	172.8	145.0	149.0	ST	BIT		1959
	2	125.0	119.0	124.0	ST	BIT		1951
	3	125.0	119.0	124.0	ST	BIT		1952
	4	125.0	119.0	124.0	ST	BIT		1952
	5	147.0	119.0	124.0	ST	BIT		1952
	6	147.0	119.0	124.0	ST	BIT		1953
	7	172.8	145.0	149.0	ST	BIT		1958
	8	172.8	145.0	149.0	ST	BIT		1958
	9	172.8	145.0	149.0	ST	BIT		1959
Kingston (Roane) .....	1	175.0	145.0	145.0	ST	BIT		1954
	2	175.0	145.0	145.0	ST	BIT		1954
	3	175.0	145.0	145.0	ST	BIT		1954
	4	175.0	145.0	145.0	ST	BIT		1954
	5	200.0	200.0	203.0	ST	BIT		1954
	6	200.0	200.0	203.0	ST	BIT		1955
	7	200.0	200.0	203.0	ST	BIT		1955
	8	200.0	200.0	203.0	ST	BIT		1955
	9	200.0	200.0	203.0	ST	BIT		1955
Melton Hill (Loudon) .....	1	36.0	37.5	37.5	HC	Water		1964
	2	36.0	37.5	37.5	HC	Water		1964
Nickajack (Marion) .....	1	27.5	24.0	24.0	HC	Water		1968
	2	27.9	24.0	24.0	HC	Water		1968
	3	24.3	24.0	24.0	HC	Water		1967
	4	24.3	24.0	24.0	HC	Water		1967
Norris (Anderson) .....	1	50.4	50.0	28.5	HC	Water		1936
	2	50.4	50.0	28.5	HC	Water		1936
Ocoee 1 (Polk) .....	1	3.6	4.4	4.4	HC	Water		1911
	2	3.6	4.4	4.4	HC	Water		1911
	3	3.6	4.4	4.4	HC	Water		1912
	4	3.6	4.4	4.4	HC	Water		1912
	5	3.6	4.4	4.4	HC	Water		1911
Ocoee 2 (Polk) .....	1	10.5	9.0	9.0	HC	Water		1913
	2	10.5	9.0	9.0	HC	Water		1950
Ocoee 3 (Polk) .....	1	28.8	27.0	27.0	HC	Water		1943
Pickwick (Hardin) .....	1	40.0	37.4	37.4	HC	Water		1938
	2	40.0	37.4	37.4	HC	Water		1938
	3	40.0	41.0	41.0	HC	Water		1942
	4	40.0	37.4	37.4	HC	Water		1942
	5	40.0	37.4	37.4	HC	Water		1952
	6	40.0	37.4	37.4	HC	Water		1952
Raccoon Mountain (Hamilton) .....	1	382.5	383.0	383.0	HR	Water		1978
	2	382.5	383.0	383.0	HR	Water		1978
	3	382.5	383.0	383.0	HR	Water		1978
	4	382.5	383.0	383.0	HR	Water		1979
Sequoyah (Hamilton) .....	1	1220.6	1148.0	1148.0	NP	Uranium		1980
	2	1220.6	1148.0	1148.0	NP	Uranium		1981

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Tennessee</b>								
Tennessee Valley Authority								
South Holston (Sullivan)	1	38.5	40.0	22.0	HC	Water		1950
Tims Ford (Franklin)	1	45.0	40.0	40.0	HC	Water		1971
	2	.7	5	.5	HC	Water		1986
Watauga (Carter)	1	28.8	30.0	19.0	HC	Water		1949
	2	28.8	30.0	19.0	HC	Water		1949
Watts Bar (Rhea)	HY1	33.3	35.0	35.0	HC	Water		1942
	HY2	33.3	35.0	35.0	HC	Water		1941
	HY3	33.3	35.0	35.0	HC	Water		1944
	HY4	33.3	35.0	35.0	HC	Water		1943
	HY5	33.3	35.0	35.0	HC	Water		1942
Watts Bar (Rhea)	ST1	60.0	56.0	56.0	ST	BIT		1942
	ST2	60.0	56.0	56.0	ST	BIT		1942
	ST3	60.0	56.0	56.0	ST	BIT		1943
	ST4	60.0	56.0	56.0	ST	BIT		1945
Wilbur (Carter)	1	1.3	1.3	1.3	HC	Water		1912
	2	1.3	1.3	1.3	HC	Water		1912
	3	1.2	1.3	1.3	HC	Water		1925
	4	7.0	7.2	7.2	HC	Water		1950
USCE-Nashville District								
Center Hill (De Kalb)	1	45.0	52.0	52.0	HC	Water		1950
	2	45.0	52.0	52.0	HC	Water		1950
	3	45.0	52.0	52.0	HC	Water		1951
Cheatham (Dickson)	1	12.0	13.8	13.8	HC	Water		1958
	2	12.0	13.8	13.8	HC	Water		1958
	3	12.0	13.8	13.8	HC	Water		1958
Cordell Hull (Smith)	1	33.3	38.0	38.0	HC	Water		1973
	2	33.3	38.0	38.0	HC	Water		1973
	3	33.3	38.0	38.0	HC	Water		1973
Dale Hollow (Clay)	1	18.0	20.7	20.7	HC	Water		1948
	2	18.0	20.7	20.7	HC	Water		1948
	3	18.0	20.7	20.7	HC	Water		1953
J P Priest (Davidson)	1	28.0	30.0	30.0	HC	Water		1969
Old Hickory (Sumner)	1	25.0	25.0	25.0	HC	Water		1957
	2	25.0	29.0	29.0	HC	Water		1957
	3	25.0	29.0	29.0	HC	Water		1957
	4	25.0	29.0	29.0	HC	Water		1957
<b>Texas</b>								
Austin City of								
Decker Creek (Travis)	GT1	51.6	50.0	50.0	GT	Nat Gas	FO2	1988
	GT2	51.6	50.0	50.0	GT	Nat Gas	FO2	1988
	GT3	51.6	50.0	50.0	GT	Nat Gas	FO2	1988
	GT4	51.6	50.0	50.0	GT	Nat Gas	FO2	1988
	PV3	.3	.3	.3	SP	Sun		1986
	1	348.0	325.0	325.0	ST	Nat Gas	FO2	1970
	2	440.0	400.0	400.0	ST	Nat Gas	FO2	1977
Holly Street (Travis)	1	113.0	100.0	100.0	ST	Nat Gas	FO5	1960
	2	113.0	100.0	100.0	ST	Nat Gas	FO5	1963
	3	190.0	165.0	165.0	ST	Nat Gas	FO5	1966
	4	210.0	190.0	190.0	ST	Nat Gas	FO2	1974
Seaholm (Travis)	5	20.0	20.0	20.0	ST	Nat Gas	FO5	1951
	6	20.0	20.0	20.0	ST	Nat Gas	FO5	1951
	7	20.0	20.0	20.0	ST	Nat Gas	FO5	1955
	8	20.0	20.0	20.0	ST	Nat Gas	FO5	1955
	9	40.0	40.0	40.0	ST	Nat Gas	FO5	1958
Brady City of								
Brady (McCulloch)	1	3.3	2.8	2.8	IC	FO2		1964
	4	2.5	1.5	1.5	IC	FO2		1952
	5	1.3	.5	.5	IC	FO2		1962
	6	1.3	.4	.4	IC	FO2		1962
	7	2.6	2.2	2.2	IC	FO2		1973

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Texas</b>								
Brady City of	8	3.0	2.8	2.8	IC	FO2		1976
	9	3.0	2.0	2.0	IC	FO2		1976
Brazos Electric Power Coop Inc. North Texas (Parker)	1	16.5	17.0	17.0	ST	Nat Gas	FO6	1958
	2	16.5	17.0	17.0	ST	Nat Gas	FO6	1958
	3	38.0	39.0	39.0	ST	Nat Gas	FO6	1963
R W Miller (Palo Pinto)	1	66.0	75.0	75.0	ST	Nat Gas	FO2	1968
	2	100.0	116.0	116.0	ST	Nat Gas	FO2	1972
	3	200.0	200	200.0	ST	Nat Gas	FO2	1975
W R Poage (Bell)	1	12.0	12.0	12.0	ST	Nat Gas	FO6	1950
	2	12.0	12.0	12.0	ST	Nat Gas	FO6	1951
Brazos River Authority Morris Sheppard (Palo Pinto)	1	12.5	11.5	11.5	HC	Water		1942
	2	12.5	11.5	11.5	HC	Water		1942
Brownfield City of Brownfield (Terry)	GT1	6.5	5.5	5.8	GT	Nat Gas	FO2	1973
	1	2.0	1.0	1.0	IC	Nat Gas	FO2	1951
	3	3.1	1.8	2.0	IC	Nat Gas	FO2	1964
	4	2.7	1.8	1.8	IC	Nat Gas	FO2	1954
	5	3.6	2.0	2.4	IC	Nat Gas	FO2	1957
	6	4.0	2.2	2.4	IC	Nat Gas	FO2	1961
Brownsville Public Utils Board Si Ray (Cameron)	5	25.0	23.8	24.1	ST	Nat Gas	FO2	1952
	6	22.0	21.0	21.0	ST	Nat Gas	FO2	1959
	7	15.0	11.0	12.5	GT	Nat Gas	FO2	1967
	8	45.0	43.0	43.0	GT	Nat Gas	FO2	1973
Bryan City of Bryan (Brazos)	3	13.0	12.0	12.0	ST	Nat Gas	FO2	1955
	4	24.0	22.0	22.0	ST	Nat Gas	FO2	1958
	5	25.0	25.0	25.0	ST	Nat Gas	FO2	1966
	6	54.0	50.0	50.0	ST	Nat Gas	FO2	1969
	7	22.0	21.0	21.0	GT	Nat Gas	FO2	1975
Dansby (Brazos)	1	105.0	105.0	100.0	ST	Nat Gas	FO6	1978
Central Power & Light Co Barney M Davis (Nueces)	1	352.8	332.0	336.0	ST	Nat Gas	FO2	1974
	2	351.0	341.0	341.0	ST	Nat Gas	FO2	1976
	1	600.4	602.0	605.0	ST	BIT		1980
	1	261.0	256.0	256.0	ST	Nat Gas	FO2	1971
	1	3.2	2.0	2.0	HC	Water		1932
	2	3.2	2.0	2.0	HC	Water		1932
	3	3.2	2.0	2.0	HC	Water		1932
	1	75.0	72.0	74.0	ST	Nat Gas	FO2	1958
	2	113.7	110.0	110.0	ST	Nat Gas	FO2	1960
	4	23.0	23.0	23.0	ST	Nat Gas	FO2	1947
	5	23.0	25.0	25.0	ST	Nat Gas	FO2	1949
	6	163.2	158.0	158.0	ST	Nat Gas	FO2	1970
	7	64.7	47.0	55.0	GT	Nat Gas	FO2	1975
Laredo (Webb)	1	34.5	35.0	35.0	ST	Nat Gas	FO2	1951
	2	37.5	34.0	34.0	ST	Nat Gas	FO2	1955
	3	115.2	101.0	105.0	ST	Nat Gas	FO2	1975
Lon C Hill (Nueces)	1	75.0	71.0	71.0	ST	Nat Gas	FO2	1954
	2	75.0	71.0	71.0	ST	Nat Gas	FO2	1956
	3	163.2	157.0	165.0	ST	Nat Gas	FO2	1959
	4	261.0	247.0	254.0	ST	Nat Gas	FO2	1969
Nueces Bay (Nueces)	5	34.5	34.0	34.0	ST	Nat Gas	FO2	1983
	6	180.0	168.0	174.0	ST	Nat Gas	FO2	1965
	7	351.0	342.0	342.0	ST	Nat Gas	FO2	1972
Victoria (Victoria)	4	75.0	60.0	60.0	ST	Nat Gas	FO2	1955

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Texas</b>									
Central Power & Light Co	5	180.0	168.0	168.0	ST	Nat Gas	FO2	1963	
	6	261.0	257.0	257.0	ST	Nat Gas	FO2	1968	
Coleman City of Coleman (Coleman) .....	IC1	1.5	1.3	1.4	IC	Nat Gas	FO2	1955	
	IC2	1.0	1.0	1.0	IC	Nat Gas	FO2	1959	
	IC3	1.3	1.1	1.3	IC	Nat Gas	FO2	1951	
	IC4	1.5	1.4	1.4	IC	Nat Gas	FO2	1963	
	IC5	2.2	1.8	1.9	IC	Nat Gas	FO2	1968	
	IC6	2.5	2.3	2.4	IC	Nat Gas	FO2	1973	
	IC7	1.5	1.3	1.4	IC	Nat Gas	FO2	1978	
	IC8	1.4	.8	1.0	IC	Nat Gas	FO2	1980	
	IC9	4.0	3.6	4.0	IC	Nat Gas	FO2	1986	
Denton City of Spencer (Denton) .....	1	12.7	11.5	11.5	ST	Nat Gas		1955	
	2	12.7	11.5	11.5	ST	Nat Gas		1955	
	3	22.0	26.0	26.0	ST	Nat Gas	FO2	1962	
	4	61.2	59.0	59.0	ST	Nat Gas	FO2	1966	
	5	65.5	61.0	61.0	ST	Nat Gas	FO2	1973	
El Paso Electric Co Copper (El Paso) .....	1	80.5	69.4	71.1	GT	Nat Gas	FO2	1980	
	CT1	85.0	62.8	66.9	CT	Nat Gas	FO2	1975	
		85.0	62.8	66.9	CT	Nat Gas	FO2	1975	
	CT2	81.6	81.9	83.1	ST	Nat Gas	FO2	1960	
		81.6	81.0	82.2	ST	Nat Gas	FO2	1963	
	3	121.8	103.0	104.1	ST	Nat Gas	FO2	1966	
	4	120.0	86.0	86.0	CW	WH		1975	
	Electra City of Electra (Wichita) .....	3	.2	.2	.2	IC	Nat Gas	FO2	1939
4		.2	.2	.2	IC	Nat Gas	FO2	1939	
5		.5	.5	.5	IC	Nat Gas	FO2	1945	
6		.5	.5	.5	IC	Nat Gas	FO2	1947	
7		1.5	1.3	1.3	IC	Nat Gas	FO2	1953	
8		1.3	1.3	1.3	IC	Nat Gas	FO2	1959	
Floydada City of Floydada (Floyd) .....		1	.6	.5	.5	IC	Nat Gas	FO2	1948
		2	1.3	1.0	1.0	IC	Nat Gas		1952
	3	1.3	1.0	1.0	IC	Nat Gas	FO2	1958	
	4	1.3	1.0	1.0	IC	Nat Gas	FO2	1974	
	5	1.3	1.0	1.0	IC	Nat Gas	FO2	1974	
	6	2.0	1.4	1.5	IC	Nat Gas		1976	
Fort Bend Utilities Co Inc Fort Bend (Fort Bend) .....	1	1.0	.8	.8	ST	Nat Gas		1941	
	2	2.0	1.8	1.8	ST	Nat Gas		1936	
	3	3.0	2.7	2.7	ST	Nat Gas		1984	
Garland City of C E Newman (Dallas) .....	1	7.5	8.0	8.0	ST	Nat Gas	FO2	1957	
	2	7.5	8.0	8.0	ST	Nat Gas	FO2	1957	
	3	18.8	17.0	17.0	ST	Nat Gas	FO2	1960	
	4	18.8	19.0	19.0	ST	Nat Gas	FO2	1961	
	5	44.0	42.0	42.0	ST	Nat Gas	FO6	1963	
Ray Olinger (Collin) .....	1	75.0	75.0	75.0	ST	Nat Gas	FO2	1967	
	2	113.4	110.0	110.0	ST	Nat Gas	FO6	1970	
	3	156.6	146.0	146.0	ST	Nat Gas	FO6	1976	
Greenville City of Clark Street Plant (Hunt) .....	IC1	.9	.5	.5	IC		FO2	1933	
	IC2	1.3	.6	.6	IC		FO2	1933	
	IC3	1.8	.9	.9	IC		FO2	1938	

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Texas</b>								
Greenville City of	4	2.1	1.1	1.1	IC	Nat Gas		1942
	5	2.5	1.3	1.3	IC	Nat Gas		1947
	6	4.4	3.2	3.2	IC	Nat Gas	FO2	1951
	7	4.1	3.2	3.2	IC	Nat Gas	FO2	1953
Powerlane Plant (Hunt) .....	8	6.3	4.2	4.2	IC	Nat Gas	FO2	1961
	ST1	22.1	19.0	19.0	ST	Nat Gas	FO2	1966
	ST2	29.4	26.0	26.0	ST	Nat Gas	FO2	1969
	ST3	48.0	42.0	42.0	ST	Nat Gas	FO2	1977
Guadalupe Blanco River Auth								
Abbott TP 3 (Guadalupe) .....	1	1.4	1.4	1.4	HC	Water		1927
	2	1.4	1.4	1.4	HC	Water		1927
Canyon (Comal) .....	1	3.0	3.0	2.9	HC	Water		1989
	2	3.0	3.0	2.9	HC	Water		1989
Dunlap TP 1 (Guadalupe) .....	1	1.8	1.8	1.8	HC	Water		1927
	2	1.8	1.8	1.8	HC	Water		1927
H 4 (Gonzales) .....	1	2.4	2.4	2.4	HC	Water		1931
H 5 (Gonzales) .....	1	2.4	2.4	2.4	HC	Water		1931
Nolte (Guadalupe) .....	1	1.2	1.2	1.2	HC	Water		1927
	2	1.2	1.2	1.2	HC	Water		1927
TP 4 (Guadalupe) .....	1	2.4	2.4	2.4	HC	Water		1932
Gulf States Utilities Co								
Lewis Creek (Montgomery) .....	1	271.4	260.0	260.0	ST	Nat Gas	FO2	1970
	2	271.4	260.0	260.0	ST	Nat Gas	FO2	1971
Neches (Jefferson) .....	4	44.0	40.0	40.0	ST	Nat Gas		1949
	5	69.1	60.0	60.0	ST	Nat Gas		1951
	6	69.1	60.0	60.0	ST	Nat Gas		1952
	8	113.6	105.0	105.0	ST	Nat Gas	FO2	1959
Sabine (Orange) .....	1	239.4	230.0	230.0	ST	Nat Gas		1962
	2	239.4	230.0	230.0	ST	Nat Gas		1962
	3	473.3	420.0	420.0	ST	Nat Gas	FO2	1966
	4	591.6	550.0	550.0	ST	Nat Gas		1974
	5	507.4	480.0	480.0	ST	Nat Gas	FO6	1979
Toledo Bond (Newton) .....	**1	40.5	40.5	40.5	HC	Water		1968
	**2	40.5	40.5	40.5	HC	Water		1968
Houston Lighting & Power Co								
Cedar Bayou (Chambers) .....	1	765.0	720.0	720.0	ST	Nat Gas	FO6	1970
	2	765.0	750.0	750.0	ST	Nat Gas	FO6	1971
	3	765.0	750.0	750.0	ST	Nat Gas	FO6	1974
Deepwater (Harris) .....	7	187.9	178.0	178.0	ST	Nat Gas		1955
Greens Bayou (Harris) .....	5	446.4	406.0	406.0	ST	Nat Gas	FO6	1973
	73	72.0	54.0	54.0	GT	Nat Gas	FO2	1976
	74	72.0	54.0	54.0	GT	Nat Gas	FO2	1976
	81	72.0	54.0	54.0	GT	Nat Gas	FO2	1976
	82	72.0	54.0	54.0	GT	Nat Gas	FO2	1976
	83	72.0	54.0	54.0	GT	Nat Gas	FO2	1976
	84	72.0	64.0	64.0	GT	Nat Gas	FO2	1976
Hiram Clarke (Harris) .....	GT1	16.0	13.0	13.0	GT	Nat Gas		1968
	GT2	16.0	13.0	13.0	GT	Nat Gas		1968
	GT3	16.0	13.0	13.0	GT	Nat Gas		1968
	GT4	16.0	13.0	13.0	GT	Nat Gas		1968
	5	16.0	13.0	13.0	GT	Nat Gas		1968
	6	16.0	13.0	13.0	GT	Nat Gas		1968
Limestone (Limestone) .....	1	813.4	720.0	720.0	ST	LIG		1985
	2	813.4	720.0	720.0	ST	LIG		1986
P H Robinson (Galveston) .....	GT1	16.3	13.0	13.0	GT	Nat Gas		1967
	1	484.5	480.0	480.0	ST	Nat Gas		1966
	2	484.5	470.0	470.0	ST	Nat Gas		1967
	3	580.5	562.0	562.0	ST	Nat Gas		1968
	4	765.0	719.0	719.0	ST	Nat Gas	FO6	1973
Sam Bertron (Harris) .....	GT1	32.6	23.0	23.0	GT	Nat Gas		1967
	GT2	16.3	13.0	13.0	GT	Nat Gas		1967
	1	187.9	174.0	174.0	ST	Nat Gas	FO6	1958

See footnotes at end of table.



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Texas</b>								
Houston Lighting & Power Co	2	187.9	174.0	174.0	ST	Nat Gas	FO6	1956
	3	225.3	230.0	230.0	ST	Nat Gas	FO6	1959
	4	225.3	230.0	230.0	ST	Nat Gas	FO6	1960
					NP	Uranium		1988
South Texas (Matagorda)	**1	1354.3	1250.6	1250.6	NP	Uranium		1989
	**2	1354.3	1250.0	1250.0	GT	Nat Gas		1967
T H Wharton (Harris)	G1	16.3	13.0	13.0	ST	Nat Gas	FO6	1960
	2	247.8	229.0	229.0	CW	WH		1974
	3	113.1	89.0	89.0	CT	Nat Gas		1972
	31	51.3	48.0	48.0	CT	Nat Gas		1972
	32	51.3	48.0	48.0	CT	Nat Gas		1972
	33	51.3	48.0	48.0	CT	Nat Gas		1972
	34	51.3	48.0	48.0	CW	WH		1974
	4	113.1	89.0	89.0	CT	Nat Gas		1972
	41	51.3	48.0	48.0	CT	Nat Gas		1972
	42	51.3	48.0	48.0	CT	Nat Gas		1974
	43	56.7	48.0	48.0	CT	Nat Gas		1974
	44	56.7	48.0	48.0	CT	Nat Gas		1974
	51	85.0	58.0	58.0	GT	Nat Gas	FO2	1975
	52	85.0	58.0	58.0	GT	Nat Gas	FO2	1975
	53	85.0	58.0	58.0	GT	Nat Gas	FO2	1975
	54	85.0	58.0	58.0	GT	Nat Gas	FO2	1975
	55	85.0	58.0	58.0	GT	Nat Gas	FO2	1975
	56	85.0	58.0	58.0	GT	Nat Gas	FO2	1975
W A Parish (Fort Bend)	GT1	16.3	13.0	13.0	GT	Nat Gas		1967
	1	187.9	176.0	176.0	ST	Nat Gas	FO6	1958
	2	187.9	176.0	176.0	ST	Nat Gas	FO6	1958
	3	299.2	278.0	278.0	ST	Nat Gas	FO6	1961
	4	580.5	552.0	552.0	ST	Nat Gas		1968
	5	734.1	630.0	630.0	ST	SUB	Nat Gas	1977
	6	734.1	630.0	630.0	ST	SUB	Nat Gas	1978
	7	614.6	540.0	540.0	ST	SUB		1980
	8	614.6	535.0	535.0	ST	SUB		1982
Webster (Harris)	GT1	16.3	13.0	13.0	GT	Nat Gas		1967
	3	410.0	374.0	374.0	ST	Nat Gas		1965
International Bound & Wtr Comm Amistad Dam & Power (Val Verde)	1	33.0	35.0	16.5	HC	Water		1983
	2	33.0	35.0	16.5	HC	Water		1983
Falcon Dam & Power (Starr)	1	10.5	13.0	6.0	HC	Water		1954
	2	10.5	13.0	6.0	HC	Water		1954
	3	10.5	13.0	6.0	HC	Water		1954
Lower Colorado River Authority					HC	Water		1941
Austin (Travis)	1	6.8	7.0	7.0	HC	Water		1941
	2	6.8	7.0	7.0	HC	Water		1938
Buchanan (Burnet)	1	11.3	12.0	12.0	HC	Water		1938
	2	11.3	12.0	12.0	HC	Water		1938
	3	11.3	12.0	12.0	HC	Water		1951
Granite Shoals (Burnet)	1	22.5	26.0	26.0	HC	Water		1951
	2	22.5	26.0	26.0	HC	Water		1938
Inks (Burnet)	1	12.5	12.0	12.0	HC	Water		1951
Marble Falls (Burnet)	1	15.0	16.0	16.0	HC	Water		1951
	2	15.0	16.0	16.0	HC	Water		1941
Marshall Ford (Travis)	1	34.0	30.6	30.6	HC	Water		1941
	2	22.5	22.5	22.5	HC	Water		1941
	3	34.0	30.6	30.6	HC	Water		1941
Sam Seymour (Fayette)	**1	615.0	590.0	590.0	ST	SUB	LIG	1979
	**2	615.0	565.0	565.0	ST	SUB	LIG	1980
	3	460.0	405.0	405.0	ST	SUB	LIG	1980
Sim Gideon (Bastrop)	1	144.0	135.0	135.0	ST	Nat Gas	FO2	1955
	2	144.0	135.0	135.0	ST	Nat Gas	FO2	1968
	3	351.0	335.0	335.0	ST	Nat Gas	FO2	1972
T C Ferguson (Llano)	1	446.0	425.0	425.0	ST	Nat Gas	FO2	1974

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Texas</b>									
Lubbock City of Holly Ave (Lubbock)	GT1	12.5	11.0	12.5	GT	Nat Gas	FO2	1964	
	GT2	18.5	16.0	18.5	GT	Nat Gas		1971	
	GT3	22.0	18.0	22.0	GT	Nat Gas	FO2	1974	
	1	44.0	50.0	50.0	ST	Nat Gas	FO2	1965	
	2	53.7	53.6	53.6	ST	Nat Gas	FO6	1978	
	4	11.5	11.5	11.5	ST	Nat Gas	FO2	1952	
	7	11.5	11.5	11.5	ST	Nat Gas	FO2	1953	
Medina Electric Coop Inc Pearsall (Frio)	1	22.0	25.0	25.0	ST	Nat Gas	FO2	1961	
	2	22.0	25.0	25.0	ST	Nat Gas	FO2	1961	
	3	22.0	25.0	25.0	ST	Nat Gas	FO2	1961	
Robstown City of Robstown (Nueces)	10	4.2	3.5	3.5	IC	Nat Gas	FO2	1967	
	11	5.0	4.0	4.0	IC	Nat Gas	FO2	1972	
	3	2.5	2.1	2.1	IC	Nat Gas	FO2	1958	
	4	2.4	2.0	2.0	IC	Nat Gas	FO2	1979	
	5	2.4	2.0	2.0	IC	Nat Gas	FO2	1979	
	7	1.0	.9	.9	IC	Nat Gas	FO2	1955	
	8	1.0	.9	.9	IC	Nat Gas	FO2	1956	
	9	2.6	2.2	2.2	IC	Nat Gas	FO2	1962	
	San Antonio City of J T Dooly (Bexar)	1	446.0	405.0	405.0	ST	SUB		1977
2		446.0	405.0	405.0	ST	SUB		1978	
3		75.0	65.0	65.0	ST	Nat Gas	FO6	1953	
4		114.0	100.0	100.0	ST	Nat Gas	FO6	1959	
Mission Road (Bexar)		3	114.0	100.0	100.0	ST	Nat Gas	FO6	1958
O W Sommers (Bexar)		1	446.0	430.0	430.0	ST	Nat Gas	FO6	1972
2		446.0	420.0	420.0	ST	Nat Gas	FO6	1973	
V H Braunig (Bexar)		1	225.0	220.0	220.0	ST	Nat Gas	FO6	1966
2		252.0	230.0	230.0	ST	Nat Gas	FO6	1968	
3		417.0	400.0	400.0	ST	Nat Gas	FO6	1970	
W B Tuttle (Bexar)		1	75.0	65.0	65.0	ST	Nat Gas	FO6	1954
2		114.0	100.0	100.0	ST	Nat Gas	FO6	1956	
3	114.0	100.0	100.0	ST	Nat Gas	FO6	1961		
4	192.0	160.0	160.0	ST	Nat Gas	FO6	1963		
San Miguel Electric Coop Inc San Miguel (Atascosa)	**1	410.0	391.0	391.0	ST	LIG		1981	
Seguin City of Seguin (Guadalupe)	HY1	3	3	3	HC	Water		1926	
South Texas Electric Coop Inc Sam Rayburn (Victoria)	1	11.3	11.0	11.0	GT	Nat Gas	FO2	1963	
	2	11.3	11.0	11.0	GT	Nat Gas	FO2	1963	
	3	22.0	26.0	26.0	ST	Nat Gas	FO2	1965	
Southwestern Electric Power Co Knox Lee (Gregg)	2	37.5	38.0	38.0	ST	Nat Gas		1950	
	3	37.5	36.0	36.0	ST	Nat Gas		1952	
	4	73.5	83.0	83.0	ST	Nat Gas		1956	
	5	351.0	344.0	344.0	ST	Nat Gas	FO6	1974	
	Lone Star (Morris)	1	50.0	50.0	50.0	ST	Nat Gas	FO2	1954
	Pirkey (Harrison)	**1	720.8	650.0	650.0	ST	LIG		1984
	Welsh (Titus)	1	558.0	528.0	528.0	ST	SUB		1976
	2	558.0	528.0	528.0	ST	SUB		1980	
	3	558.0	528.0	528.0	ST	SUB		1981	
	Wilkes (Marion)	1	179.5	177.0	177.0	ST	Nat Gas	FO4	1964
	2	351.0	351.0	351.0	ST	Nat Gas		1970	
	3	351.0	351.0	351.0	ST	Nat Gas		1971	

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Texas</b>								
Southwestern Public Service Co					GT	WH		1965
Celanese (Hutchinson)	1	13.3	10.0	10.0	ST	STM		1979
	2	37.4	29.0	29.0	ST	BIT	Nat Gas	1978
Harrington Station (Potter)	1	360.0	346.0	346.0	ST	BIT	Nat Gas	1976
	2	360.0	360.0	360.0	ST	BIT	Nat Gas	1980
	3	360.0	360.0	360.0	ST	BIT	Nat Gas	1971
Jones Station (Lubbock)	1	247.5	243.0	243.0	ST	Nat Gas		1974
	2	247.5	243.0	243.0	ST	Nat Gas		1980
Nichols Station (Potter)	1	113.6	107.0	107.0	ST	Nat Gas		1962
	2	113.6	106.0	106.0	ST	Nat Gas		1968
	3	247.5	244.0	244.0	ST	Nat Gas		1952
Plant X (Lamb)	1	48.0	48.0	48.0	ST	Nat Gas		1953
	2	98.0	102.0	102.0	ST	Nat Gas		1955
	3	98.0	103.0	103.0	ST	Nat Gas		1964
	4	190.4	189.0	189.0	ST	BIT	Nat Gas	1982
Tolk Station (Lamb)	1	568.0	540.0	540.0	ST	BIT	Nat Gas	1985
	2	568.0	540.0	540.0	ST	BIT	Nat Gas	1985
Texas Municipal Power Agency					ST	LIG		1982
Gibbons Creek (Grimes)	**1	444.0	405.0	405.0	ST	LIG		1982
Texas Utilities Generating Co					ST	LIG		1971
Big Brown (Freestone)	1	593.4	575.0	575.0	ST	LIG		1972
	2	593.4	575.0	575.0	ST	LIG		1972
	1	156.3	153.0	153.0	ST	Nat Gas	FO5	1955
Collin (Collin)	3	78.8	75.0	75.0	ST	Nat Gas	FO5	1954
Dallas (Dallas)	9	75.0	70.0	70.0	ST	Nat Gas	FO5	1951
DoCordova (Hood)	CT1	89.5	65.0	80.0	GT	Nat Gas	FO2	1989
	CT2	89.5	65.0	80.0	GT	Nat Gas	FO2	1989
	CT3	89.5	65.0	80.0	GT	Nat Gas	FO2	1989
	CT4	89.5	65.0	80.0	GT	Nat Gas	FO2	1989
	1	799.2	775.0	775.0	ST	Nat Gas	FO2	1975
Eagle Mountain (Tarrant)	1	122.5	115.0	115.0	ST	Nat Gas	FO5	1954
	2	187.5	175.0	175.0	ST	Nat Gas	FO5	1956
	3	396.2	375.0	375.0	ST	Nat Gas	FO5	1971
Graham (Young)	1	247.8	240.0	240.0	ST	Nat Gas	FO5	1960
	2	387.0	375.0	375.0	ST	Nat Gas	FO5	1969
Handley (Tarrant)	1	43.8	45.0	45.0	ST	Nat Gas	FO5	1948
	2	74.8	80.0	80.0	ST	Nat Gas	FO5	1950
	3	404.8	400.0	400.0	ST	Nat Gas	FO2	1963
	4	455.0	425.0	425.0	ST	Nat Gas	FO2	1976
	5	455.0	425.0	425.0	ST	Nat Gas	FO2	1977
Lake Creek (McLennan)	D1	2.0	2.0	2.0	IC	FO2		1966
	D2	2.0	2.0	2.0	IC	FO2		1966
	D3	2.0	2.0	2.0	IC	FO2		1966
	ST1	79.6	87.0	87.0	ST	Nat Gas	FO2	1953
	ST2	236.0	230.0	230.0	ST	Nat Gas	FO2	1959
Lake Hubbard (Dallas)	1	396.5	375.0	375.0	ST	Nat Gas	FO2	1970
	2	531.0	515.0	515.0	ST	Nat Gas	FO2	1973
Martin Lake (Rusk)	1	793.3	750.0	750.0	ST	LIG		1977
	2	793.3	750.0	750.0	ST	LIG		1978
	3	793.3	750.0	750.0	ST	LIG		1979
Monticello (Titus)	1	593.4	575.0	575.0	ST	LIG		1974
	2	593.4	575.0	575.0	ST	LIG		1975
	3	593.3	575.0	575.0	ST	LIG		1976
Morgan Creek (Mitchell)	CT1	89.5	65.0	80.0	GT	Nat Gas	FO2	1988
	CT2	89.5	65.0	80.0	GT	Nat Gas	FO2	1988
	CT3	89.5	65.0	80.0	GT	Nat Gas	FO2	1988
	CT4	89.5	65.0	80.0	GT	Nat Gas	FO2	1988
	CT5	89.5	65.0	80.0	GT	Nat Gas	FO2	1988
	CT6	89.5	65.0	80.0	GT	Nat Gas	FO2	1988
	D1	1.1	1.1	1.1	IC	FO2		1967
	D2	1.1	1.1	1.1	IC	FO2		1967
	2	18.4	22.0	22.0	ST	Nat Gas	FO5	1950
	3	46.0	44.0	44.0	ST	Nat Gas	FO5	1952
	4	75.0	70.0	70.0	ST	Nat Gas	FO5	1954

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Texas</b>								
Texas Utilities Generating Co								
	5	170.5	175.0	175.0	ST	Nat Gas	FO5	1959
	6	517.5	500.0	500.0	ST	Nat Gas	FO5	1966
Mountain Creek (Dallas)	2	31.2	33.0	33.0	ST	Nat Gas	FO5	1945
	3	75.0	70.0	70.0	ST	Nat Gas	FO5	1949
	6	135.8	115.0	115.0	ST	Nat Gas	FO5	1956
	7	136.0	125.0	125.0	ST	Nat Gas	FO5	1958
	8	580.5	550.0	550.0	ST	Nat Gas	FO5	1967
North Lake (Dallas)	1	176.8	175.0	175.0	ST	Nat Gas	FO2	1959
	2	170.5	175.0	175.0	ST	Nat Gas	FO5	1961
	3	361.4	350.0	350.0	ST	Nat Gas	FO2	1964
North Main (Tarrant)	4	81.3	80.0	80.0	ST	Nat Gas	FO5	1952
Parkdale (Dallas)	1	79.6	87.0	87.0	ST	Nat Gas	FO5	1953
	2	125.0	115.0	115.0	ST	Nat Gas	FO5	1955
	3	136.0	125.0	125.0	ST	Nat Gas	FO5	1957
Pormian Basin (Ward)	CT1	89.5	85.0	80.0	GT	Nat Gas	FO2	1987
	CT2	89.5	85.0	80.0	GT	Nat Gas	FO2	1987
	CT3	89.5	85.0	80.0	GT	Nat Gas	FO2	1987
	CT4	89.5	85.0	80.0	GT	Nat Gas	FO2	1989
	CT5	89.5	85.0	80.0	GT	Nat Gas	FO2	1989
	D1	1.1	1.1	1.1	IC	FO2		1967
	5	115.0	115.0	115.0	ST	Nat Gas	FO5	1958
	6	535.5	540.0	540.0	ST	Nat Gas	FO5	1973
River Crest (Frod River)	1	112.5	110.0	110.0	ST	Nat Gas	FO5	1953
Sandow (Milam)	4	590.6	545.0	545.0	ST	LIG		1981
Stryker Creek (Cherokee)	D1	2.0	2.0	2.0	IC	FO2		1966
	D2	2.0	2.0	2.0	IC	FO2		1966
	D3	2.0	2.0	2.0	IC	FO2		1966
	D4	2.0	2.0	2.0	IC	FO2		1966
	D5	2.0	2.0	2.0	IC	FO2		1966
	ST1	176.8	175.0	175.0	ST	Nat Gas	FO5	1958
	ST2	526.7	500.0	500.0	ST	Nat Gas	FO5	1965
Tradinghouse (McLennan)	1	580.5	565.0	565.0	ST	Nat Gas	FO2	1969
	2	799.2	775.0	775.0	ST	Nat Gas	FO2	1972
Trinidad (Henderson)	D1	2.0	2.0	2.0	IC	FO2		1966
	D2	2.0	2.0	2.0	IC	FO2		1966
	5	69.0	70.0	70.0	ST	Nat Gas	FO5	1949
	6	239.4	240.0	240.0	ST	Nat Gas	FO5	1965
Valley (Fannin)	1	199.0	175.0	175.0	ST	Nat Gas	FO2	1962
	2	580.5	550.0	550.0	ST	Nat Gas	FO2	1967
	3	396.0	375.0	375.0	ST	Nat Gas		1971
Tulsa City of								
Tulsa (Swisher)	10	1.7	1.5	1.7	IC	Nat Gas	FO2	1971
	11	4.8	3.5	5.5	IC	Nat Gas	FO2	1974
	12	3.0	2.4	2.5	IC	Nat Gas		1979
	2	.4	.3	.4	IC	Nat Gas	FO2	1949
	5	1.0	.9	1.0	IC	Nat Gas	FO2	1953
	6	1.1	.8	.9	IC	Nat Gas	FO2	1957
	7	1.1	.8	.9	IC	Nat Gas	FO2	1957
	8	1.8	1.2	1.6	IC	Nat Gas	FO2	1963
	9	1.8	1.2	1.6	IC	Nat Gas	FO2	1963
USCE-Fort Worth District								
Robert D Willis (Jasper)	1	3.6	3.6	3.6	HC	Water		1989
	2	3.6	3.6	3.6	HC	Water		1989
Sam Hayburn (Jasper)	1	26.0	26.0	26.0	HC	Water		1965
	2	26.0	26.0	26.0	HC	Water		1965
Whitney (Bosque)	1	15.0	15.0	15.0	HC	Water		1953
	2	15.0	15.0	15.0	HC	Water		1953
USCE-Tulsa District								
Donison (Grayson)	1	35.0	40.0	40.0	HC	Water		1944
	2	35.0	40.0	40.0	HC	Water		1949

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Texas</b>								
Weatherford Mun Utility System								
Weatherford (Parker)	1	0.3	0.2	0.2	IC	FO2		1940
	2	.3	.2	.2	IC	FO2		1940
	3	.3	.2	.2	IC	FO2		1940
	4	.8	.8	.8	IC	FO2		1948
	6	1.4	1.2	1.3	IC	FO2	Nat Gas	1953
	7	1.4	1.2	1.3	IC	Nat Gas	FO2	1953
	8	1.4	1.2	1.3	IC	Nat Gas	FO2	1953
West Texas Utilities Co								
Ablene (Taylor)	4	15.0	18.0	18.0	ST	Nat Gas	FO5	1949
	3	15.0	14.7	15.1	ST	Nat Gas	FO5	1930
Concho (Tom Green)	1	156.6	158.0	161.0	ST	Nat Gas	FO5	1974
Fort Phantom (Jones)	1	207.0	204.0	208.0	ST	Nat Gas	FO5	1977
	2	6.0	5.0	6.0	GT	Nat Gas		1958
Fl Stockton (Pecos)	2	20.0	19.0	20.0	ST	Nat Gas	FO5	1928
Lake Pauline (Hardeman)	1	24.4	27.0	27.0	ST	Nat Gas	FO5	1950
	2	81.6	85.0	86.0	ST	Nat Gas	FO5	1962
Oak Creek (Coke)	1	663.9	665.0	665.0	ST	BIT		1986
Oklunion (Wilbarger)	**1	34.5	33.0	35.0	ST	Nat Gas	FO5	1953
Paint Creek (Haskell)	1	37.5	33.0	35.0	ST	Nat Gas	FC5	1955
	2	54.4	54.0	55.0	ST	Nat Gas	FO5	1959
	3	115.2	112.0	14.0	ST	Nat Gas	FO2	1971
	4	1.1	1.0	1.0	IC	FO2		1967
Presidio (Presidio)	5	1.1	1.0	1.0	IC	FO2		1967
	6	4.0	4.0	4.5	CT	Nat Gas		1954
Rio Pecos (Crockett)	4	5.0	4.0	36.0	CA	Nat Gas	FO2	1959
	5	37.5	35.0	96.0	ST	Nat Gas	FO2	1969
	6	99.0	96.0	27.0	CT	Nat Gas		1965
San Angelo (Tom Green)	1	32.6	22.0	106.0	CA	Nat Gas	FO2	1966
	2	100.8	104.0	2.0	IC	Nat Gas	FO2	1983
Vernon (Wilbarger)	1	2.5	2.0	1.0	IC	FO2	Nat Gas	1952
	2	1.4	1.0	1.0	IC	FO2	Nat Gas	1961
	3	2.0	1.0	1.0	IC	FO2	Nat Gas	1968
	4	4.1	4.0	4.0	IC	Nat Gas	FO2	1953
	7	1.4	1.0	1.0	IC	Nat Gas	FO2	1953
Whitesboro City of Whitesboro (Grayson)	1	1.3	1.3	1.3	IC	Nat Gas	FO2	1959
	2	.9	.9	.9	IC	Nat Gas	FO2	1965
	3	.5	.5	.5	IC	Nat Gas	FO2	1951
<b>Utah</b>								
Beaver City Corp								
Beaver Lower (Beaver)	2	.3	.2	.2	HC	Water		1904
Beaver Upper (Beaver)	1	.6	.5	.5	HC	Water		1942
Bountiful City City of Bountiful (Davis)	IC8	7.0	7.0	7.0	IC	Nat Gas	FO2	1986
	1	.4	.4	.4	IC	Nat Gas		1939
	2	1.3	1.3	1.3	IC	Nat Gas	FO2	1959
	3	1.3	1.3	1.3	IC	Nat Gas	FO2	1959
	4	1.0	1.0	1.0	IC	Nat Gas	FO2	1955
	5	1.0	1.0	1.0	IC	Nat Gas	FO2	1956
	6	2.0	2.0	2.0	IC	Nat Gas	FO2	1961
	7	.2	.1	.1	IC	FO2		1936
Echo Dam (Summit)	NA1	1.8	1.8	.1	HC	Water		1987
	NA2	1.8	1.8	.1	HC	Water		1987
	3	1.0	1.0	.9	HC	Water		1987
Brigham City Corp								
Box Elder (Box Elder)	1	.5	.5	.5	HC	Water		1961
	1	.6	.6	.6	HC	Water		1921
Brigham City (Box Elder)	2	.6	.6	.6	HC	Water		1921

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Utah</b>								
Bureau of Reclamation								
Door Creek (Wasatch)	1	2.5	2.5	1.2	HC	Water		1957
	2	2.5	2.5	1.2	HC	Water		1957
Flaming Gorge (Daggett)	1	36.0	2 44.0	2 44.0	HC	Water		1963
	2	36.0	2 -	2 -	HC	Water		1963
	3	36.0	2 -	2 -	HC	Water		1964
Deseret Generation & Tran Coop								
Bonanza (Uintah)	**1	400.0	425.0	425.0	ST	BIT		1966
Ephraim City of								
Hydro Plant No 3 (Sanpoto)	2	.8	.8	.8	HC	Water		1984
	3	2.1	2.2	2.2	HC	Water		1984
Hydro Plant No 4 (Sanpoto)	1	.1	.1	.1	HC	Water		1989
No 1 (Sanpoto)	1	.2	.2	.2	HC	Water		1906
Garkane Power Assn Inc								
Boulder (Garfield)	1	1.4	1.4	1.4	HC	Water		1958
	2	1.4	1.4	1.4	HC	Water		1958
	3	1.4	1.4	1.4	HC	Water		1961
Heber Electric & Power Co								
Gas Generation (Wasatch)	NA1	2.4	2.4	2.4	IC	Nat Gas		1987
Lake Creek (Wasatch)	1	1.5	1.2	.3	HL	Water		1981
Snake Creek (Wasatch)	1	.8	.8	.3	HL	Water		1949
Hyrum City Corp								
Hyrum (Cache)	1	.5	.4	.4	HC	Water		1931
Logan City of								
Logan Diesel (Cache)	IC2	.8	.6	.6	IC	FO2		1927
	IC3	.8	.6	.6	IC	FO2		1927
	IC4	1.3	.8	.8	IC	FO2		1935
	IC6	2.3	1.5	1.5	IC	FO2		1947
Logan Hydro (Cache)	HY1	1.3	1.2	.5	HC	Water		1925
Logan 2 (Cache)	1	3.3	3.3	3.3	HC	Water		1986
	2	3.3	3.3	3.3	HC	Water		1986
Los Angeles City of								
Intermountain (Millard)	**1	891.9	800.0	800.0	ST	BIT		1986
	**2	891.9	800.0	800.0	ST	BIT		1987
Manti City of								
Manti Lower (Sanpoto)	HC1	.6	.6	.6	HL	Water		1988
	2	.6	.6	.6	HL	Water		1988
Manti Upper (Sanpoto)	HC2	1.0	.8	.1	HC	Water		1988
	1	.6	.4	.2	HC	Water		1939
Monroe City City of								
Lower (Sevier)	1	.3	.2	.2	HL	Water		1928
Monroe Pumping Sta (Sevier)	1	1	.1	.1	HR	Water		1981
Upper (Sevier)	1	.3	.2	.2	HL	Water		1940
Moon Lake Electric Assn Inc								
Uintah (Duchesne)	1	.6	.6	.6	HC	Water		1920
	2	.6	.6	.6	HC	Water		1940
Yellowstone (Duchesne)	1	.3	.3	.3	HC	Water		1941
	2	.3	.3	.3	HC	Water		1941
	3	.3	.3	.3	HC	Water		1941
Mt Pleasant City of								
Lower (Sanpoto)	1	.2	.2	.1	HL	Water		1913
Upper (Sanpoto)	1	.2	.2	.1	HL	Water		1931

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Utah</b>								
Murray City of Little Cottonwood (Salt Lake)	1	2.5	2.5	0.8	HL	Water		1983
	2	2.5	2.5	.8	HL	Water		1937
Murray Diesel (Salt Lake)	2	.5	.5	.5	IC	FO2		1952
	3	2.2	2.0	2.0	IC	Nat Gas	FO2	1948
	4	1.0	.9	1.0	IC	Nat Gas	FO2	1948
	5	1.0	.9	1.0	IC	Nat Gas	FO2	1958
	6	3.0	2.3	2.5	IC	Nat Gas	FO2	
PacifiCorp								1954
American Fork (Utah)	1	1.0	.4	.4	HC	Water		1907
Beaver Upper (Beaver)	1	1.2	.3	.3	HC	Water		1907
	2	1.2	.3	.3	HC	Water		1984
Blundell (Millard)	1	23.5	21.4	21.4	GE	GST		1954
Carbon (Carbon)	1	66.0	66.0	66.0	ST	BIT		1957
	2	100.0	105.0	105.0	ST	BIT		1927
Cutler (Box Elder)	1	15.0	14.6	14.6	HC	Water		1927
	2	15.0	14.6	14.6	HC	Water		1922
Fountain Green (Sanpete)	1	.2	.1	.1	HC	Water		1922
	2	.2	.1	.1	HC	Water		1951
Gadsby (Salt Lake)	1	66.0	66.0	66.0	ST	Nat Gas	FO2	1952
	2	75.0	75.0	75.0	ST	BIT	Nat Gas	1956
	3	100.0	105.0	105.0	ST	BIT	Nat Gas	1917
Gunlock (Washington)	1	.8	.5	.5	HC	Water		1950
	2	44.0	45.0	45.0	ST	BIT	Nat Gas	1978
Hale (Utah)	**1	446.4	390.0	390.0	ST	BIT		1980
Hunter (Emery) (Emery)	**2	446.4	390.0	390.0	ST	BIT		1983
	3	448.4	400.0	400.0	ST	BIT		1977
	1	446.4	400.0	400.0	ST	BIT		1974
Huntington (Emery)	2	446.4	415.0	415.0	ST	BIT		1971
	1	16.0	15.0	15.0	GT	Nat Gas	FO2	1904
Little Mountain (Weber)	1	1.8	1.7	1.7	HC	Water		1904
Olmstead (Utah)	1	1.8	1.7	1.7	HC	Water		1904
	2	1.8	1.7	1.7	HC	Water		1904
	3	1.8	1.7	1.7	HC	Water		1922
	4	4.8	1.7	1.7	HC	Water		1914
Pioneer (Weber)	1	2.5	2.0	2.0	HC	Water		1914
	2	2.5	2.0	2.0	HC	Water		1920
Sand Cove (Washington)	1	.7	.5	.5	HC	Water		1910
Snake Creek (Wasatch)	1	.6	.1	.1	HC	Water		1910
	2	.6	.1	.1	HC	Water		1914
Stairs (Salt Lake)	3	1.0	.2	.2	HC	Water		1920
Voyo (Washington)	1	.5	.5	.5	HC	Water		1949
Weber (Weber)	1	3.5	2.0	2.0	HC	Water		
Parowan City Corp								1955
Paragonah (Iron)	1	.6	.4	.3	HC	Water		1951
Parowan (Iron)	1	.6	.4	.3	HC	Water		
Provo City Corp								1950
Provo (Utah)	4	7.5	7.5	7.5	ST	BIT	Nat Gas	1980
	5	2.5	2.5	2.5	IC	Nat Gas	FO2	1980
	6	2.5	2.5	2.5	IC	Nat Gas	FO2	1980
	7	2.5	2.5	2.5	IC	Nat Gas	FO2	1980
	8	2.5	2.5	2.5	IC	Nat Gas	FO2	1980
Springville City of								1948
Bartholomew (Utah)	1	.5	.5	0.0	HL	Water		1988
	2	1.0	1.0	.9	HL	Water		1950
Hobble Creek (Utah)	1	.3	.3	.3	HL	Water		1987
Spring Creek (Utah)	3	.5	.5	.5	HL	Water		1980
Whitehead (Utah)	1	7.0	7.0	7.0	IC	Nat Gas	FO2	1986
	2	7.0	7.0	7.0	IC	Nat Gas	FO2	1986
St George City of								1987
Gunlock Hydro (Washington)	1	.2	.2	.2	HC	Water		1987
	2	.2	.2	.2	HC	Water		1987

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Utah</b>								
St George City of								
No. Two Diesel (Washington)	1	7.0	7.0	7.0	IC	FO2		1987
St George (Washington)	2	7.0	7.0	7.0	IC	FO2		1987
	1	1.2	1.2	1.2	IC	FO2		1952
	2	1.3	1.2	1.2	IC	FO2		1949
	3	1.2	1.1	1.1	IC	FO2		1947
	5	2.7	2.7	2.8	IC	FO2		1956
	7	.4	.3	.3	IC	FO2		1942
Strawberry Water Users Assn								
Payson (Utah)	1	.4	.4	.4	HC	Water		1941
Spanish Fork (Utah)	1	1.8	1.8	1.8	HC	Water		1983
	2	1.8	1.8	1.8	HC	Water		1983
	3	.4	.4	.4	HC	Water		1937
Weber Basin Water Conserv Dist								
Gatoway (Morgan)	1	2.0	1.5	1.0	HC	Water		1958
	2	2.0	1.5	1.0	HC	Water		1958
Wanship (Summit)	1	1.9	1.8	1.2	HC	Water		1958
<b>Vermont</b>								
Barlow Village Inc								
West Charleston (Orleans)	IC3	1.4	1.1	1.1	IC	FO2		1956
	1	.7	.5	.7	HC	Water		1931
	2	.7	.5	.7	HC	Water		1948
Burlington City of								
Burlington G T (Chittenden)	GT1	28.0	18.9	20.0	GT	FO2		1971
J C McNeil (Chittenden)	**1	50.0	47.0	50.0	ST	WD	Nat Gas	1984
Central Vermont Pub Serv Corp								
Arnold Falls (Calodonia)	1	.4	.2	.2	HC	Water		1928
Acutnoy (Windsor)	GT4	13.2	11.0	15.0	GT	FO2		1981
Cavendish (Windsor)	1	.5	.5	.5	HC	Water		1906
	2	.5	.5	.5	HC	Water		1906
	3	.4	.4	.4	HC	Water		1906
Clark Falls (Chittenden)	1	3.0	3.0	3.0	HC	Water		1936
East Barnet (Calodonia)	1	2.2	1.3	1.3	HC	Water		1984
Fairfax Falls (Franklin)	1	1.4	1.0	1.0	HC	Water		1918
	2	1.4	1.0	1.0	HC	Water		1918
Giago (Calodonia)	1	.3	.2	.2	HC	Water		1920
	2	.4	.4	.4	HC	Water		1921
Glen (Rutland)	1	1.0	1.0	1.0	HC	Water		1920
	2	1.0	1.0	1.0	HC	Water		1920
Lower Middlebury (Addison)	1	.8	.5	.5	HC	Water		1917
	2	.8	.5	.5	HC	Water		1917
	3	.8	.5	.5	HC	Water		1917
Milton (Chittenden)	1	3.0	3.1	3.1	HC	Water		1928
	2	3.0	3.2	3.2	HC	Water		1929
Passumpsic (Calodonia)	1	.7	.6	.6	HC	Water		1929
Patch (Rutland)	1	.4	.3	.3	HC	Water		1920
Peterson (Chittenden)	1	5.0	6.0	6.0	HC	Water		1947
Pierce Mills (Calodonia)	1	.3	.1	.1	HC	Water		1927
Pittsford (Rutland)	1	1.3	1.1	1.1	HC	Water		1913
	2	1.3	1.1	1.1	HC	Water		1913
	3	1.0	1.0	1.0	HC	Water		1913
Rutland (Rutland)	GT5	13.2	11.0	15.0	GT	FO2		1982
Salisbury (Addison)	1	1.3	1.3	1.3	HC	Water		1916
Silver Lake (Addison)	1	2.2	2.3	2.3	HC	Water		1916
Smith (Orange)	HC2	.5	.3	.3	HC	Water		1982
	1	1.0	.7	.7	HC	Water		1982
St Albans (Franklin)	IC1	1.3	1.2	1.2	IC	FO2		1950
	IC2	1.3	1.1	1.1	IC	FO2		1950

See footnotes at end of table.



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Vermont</b>								
Central Vermont Pub Serv Corp								
Fairville (Windsor) .....	1	0.5	0.3	0.3	HC	Water		1942
Weybridge (Addison) .....	1	3.0	3.2	3.2	HC	Water		1950
Citizens Utilities Co								
Charleston (Orleans) .....	1	.8	.8	.8	HC	Water		1922
Charleston (Orleans) .....	1	1.7	1.6	1.6	HC	Water		1940
Newport (Orleans) .....	11	1.9	1.6	1.6	HC	Water		1956
	2	1.7	1.6	1.6	HC	Water		1944
	3	.6	.5	.5	HC	Water		1936
	10	1.1	1.0	1.0	IC	FO2		1954
Newport Diesel (Orleans) .....	4	.9	.9	.9	IC	FO2		1948
	5	.9	.9	.9	IC	FO2		1948
	6	.9	.9	.9	IC	FO2		1948
	7	.9	.9	.9	IC	FO2		1948
	8	1.1	1.0	1.0	IC	FO2		1954
	9	1.1	1.0	1.0	IC	FO2		1954
Troy (Orleans) .....	1	.6	.6	.6	HC	Water		1925
Enosburg Falls Village of								
Diesel Plant 1 (Franklin) .....	IC1	.7	.7	.7	IC	FO2		1949
	IC2	.2	.2	.2	IC	FO2		1938
Kendall (Franklin) .....	HY1	.2	.1	.1	HC	Water		1928
Village Plant (Franklin) .....	HY1	.6	.6	.6	HC	Water		1944
Green Mountain Power Corp								
Berlin 5 (Washington) .....	GT1	48.6	44.4	50.5	GT	KER		1972
Bolton Falls (Washington) .....	1	4.4	4.0	4.0	HC	Water		1986
Bolton Falls (Washington) .....	2	4.4	4.0	4.0	HC	Water		1986
Colchester 16 (Chittenden) .....	GT1	17.0	10.0	15.5	GT	FO2		1965
Essex Junction 19 (Chittenden) .....	H1	1.8	1.9	1.9	HC	Water		1917
	H2	1.8	1.9	1.9	HC	Water		1917
	H3	1.8	1.9	1.9	HC	Water		1917
	H4	1.8	1.9	1.9	HC	Water		1917
	IC5	1.0	1.0	1.0	IC	FO2		1947
	IC6	1.0	1.0	1.0	IC	FO2		1947
	IC7	1.0	1.0	1.0	IC	FO2		1947
	IC8	1.0	1.0	1.0	IC	FO2		1947
Gorge 18 (Chittenden) .....	1	3.0	3.3	3.3	HC	Water		1928
Marshfield 6 (Washington) .....	1	5.0	5.0	5.0	HC	Water		1927
Middlesex 2 (Washington) .....	1	1.6	1.7	1.7	HC	Water		1928
	2	1.6	1.7	1.7	HC	Water		1928
Vergennes 9 (Addison) .....	1	.7	.6	.6	HC	Water		1912
	2	.7	.6	.6	HC	Water		1912
	4	1.0	.9	.9	HC	Water		1943
	5	2.0	2.0	2.0	IC	FO2		1963
	6	2.0	2.0	2.0	IC	FO2		1964
Waterbury 22 (Washington) .....	1	5.4	5.4	5.4	HC	Water		1953
West Danville 15 (Caledonia) .....	1	1.0	1.1	1.1	HC	Water		1917
Hardwick Town of								
Hardwick (Caledonia) .....	1	.6	.5	.6	IC	FO2		1948
Wolcott (Lamoille) .....	1	1.0	.8	.8	HC	Water		1961
Lyndonville Village of								
Great Falls (Caledonia) .....	1	.3	.3	.3	HC	Water		1915
	2	.3	.3	.3	HC	Water		1915
	3	1.3	1.0	1.0	HC	Water		1978
Vail (Caledonia) .....	1	.4	.4	.4	HC	Water		1949
Morrisville Village of								
Cadys Falls (Lamoille) .....	1	.8	.4	.4	HC	Water		1914
	2	.7	.7	.7	HC	Water		1947
Morrisville (Lamoille) .....	1	.6	.6	.6	HC	Water		1924
	2	1.2	1.2	1.2	HC	Water		1924

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation	
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate		
<b>Vermont</b>									
Morrisville Village of W K Sanders (Lamoille)	1	0.9	0.9	0.9	HC	Water		1983	
	2	.9	.9	.9	HC	Water		1983	
New England Power Co Bellows Falls (Windham)	1	13.6	<sup>2</sup> 48.7	<sup>2</sup> 47.9	HC	Water		1928	
	2	13.6	2 ..	2 ..	HC	Water		1928	
	3	13.6	2 ..	2 ..	HC	Water		1928	
Harriman (Windham)	1	11.2	<sup>2</sup> 42.0	<sup>2</sup> 40.0	HC	Water		1924	
	2	11.2	2 ..	2 ..	HC	Water		1924	
	3	11.2	2 ..	2 ..	HC	Water		1924	
S C Moore (Essex)	1	35.1	<sup>2</sup> 191.4	<sup>2</sup> 192.0	HC	Water		1957	
	2	35.1	2 ..	2 ..	HC	Water		1957	
	3	35.1	2 ..	2 ..	HC	Water		1957	
	4	35.1	2 ..	2 ..	HC	Water		1957	
Soarsburg (Bennington)	1	4.2	4.8	4.5	HC	Water		1921	
Wildor (Windsor)	1	16.2	2 ..	2 ..	HC	Water		1950	
Public Service Co of NH Canaan (Essex)	1	1.1	1.1	1.1	HC	Water		1927	
Swanton Village of Highgate Falls (Franklin)	1	.9	.9	.9	HC	Water		1930	
	2	.9	.9	.9	HC	Water		1923	
	3	2.8	2.4	2.4	HC	Water		1954	
Vermont Electric Coop Inc North Hartland (Windsor)	1	4.0	4.0	4.0	HC	Water		1985	
Vermont Marble Co Baldons (Addison)	HC3	4.1	4.1	4.1	HC	Water		1988	
	1	.8	.8	.8	HC	Water		1913	
	2	.8	.8	.8	HC	Water		1913	
	Proctor (Rutland)	1	1.7	1.7	1.7	HC	Water		1927
	2	.8	.8	.8	HC	Water		1905	
3	.8	.8	.8	HC	Water		1905		
4	.8	.8	.8	HC	Water		1905		
5	3.0	3.0	3.0	HC	Water		1984		
Vermont Yankee Nucl Pwr Corp Vermont Yankee (Windham)	1	563.4	496.0	520.0	NB	Uranium		1972	
Washington Electric Coop Inc Wrightsville Hy Plant (Washington)	1	.1	.1	.1	HC	Water		1985	
	2	.3	.2	.2	HC	Water		1985	
	3	.6	.5	.5	HC	Water		1985	
<b>Virginia</b>									
A & N Electric Coop Tangier (Accomack)	2	.2	.2	.2	IC	FO2		1961	
	3	.7	.7	.7	IC	FO2		1974	
	4	1.1	.8	.8	IC	FO2		1974	
Appalachian Power Co Buck (Carroll)	1	2.8	<sup>2</sup> 10.0	<sup>2</sup> 10.0	HC	Water		1912	
	2	2.8	2 ..	2 ..	HC	Water		1912	
	3	2.8	2 ..	2 ..	HC	Water		1912	
	Byllesby 2 (Carroll)	1	5.4	5.4	5.4	HC	Water		1912
		2	5.4	5.4	5.4	HC	Water		1912
3		5.4	5.4	5.4	HC	Water		1912	
Claytor (Pulaski)	4	5.4	5.4	5.4	HC	Water		1912	
	1	18.8	<sup>2</sup> 76.0	<sup>2</sup> 76.0	HC	Water		1939	
	2	18.8	2 ..	2 ..	HC	Water		1939	
	3	18.8	2 ..	2 ..	HC	Water		1939	
4	18.8	2 ..	2 ..	HC	Water		1939		

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Virginia</b>								
Appalachian Power Co Clinch River (Russell)	1	237.5	230.0	235.0	ST	BIT		1958
	2	237.5	230.0	235.0	ST	BIT		1958
Glen Lyn (Giles)	3	237.5	230.0	235.0	ST	BIT		1961
	5	100.0	90.0	95.0	ST	BIT		1944
	6	237.5	235.0	240.0	ST	BIT		1957
Leesville (Campbell)	1	20.0	<sup>2</sup> 40.0	<sup>2</sup> 40.0	HC	Water		1964
	2	20.0	2 -	2 -	HC	Water		1964
Niagara (Roanoke)	1	1.2	<sup>2</sup> 3.0	<sup>2</sup> 3.0	HC	Water		1954
	2	1.2	2 -	2 -	HC	Water		1954
Reousons (Campbell)	1	2.5	<sup>2</sup> 12.0	<sup>2</sup> 12.0	HC	Water		1903
	2	2.5	2 -	2 -	HC	Water		1903
	3	2.5	2 -	2 -	HC	Water		1903
	4	2.5	2 -	2 -	HC	Water		1903
	5	2.5	2 -	2 -	HC	Water		1903
Smith Mountain (Franklin)	1	66.0	70.0	70.0	HR	Water		1965
	2	150.1	160.0	160.0	HC	Water		1965
	3	115.3	105.0	105.0	HR	Water		1980
	4	150.1	160.0	160.0	HC	Water		1965
	5	66.0	70.0	70.0	HR	Water		1965
Bedford City of Snowden (Amherst)	1	.5	.5	.5	HC	Water		1925
	2	.3	.3	.3	HC	Water		1925
	3	.5	.5	.5	HC	Water		1925
	4	2.5	2.5	2.5	HC	Water		1987
	5	2.5	2.5	2.5	HC	Water		1987
Craig-Botetourt Electric Coop Meadow Creek (Craig)	1		.3	.3	HC	Water		1938
Culpeper Town of Culpeper (Culpeper)	1T	.8	.7	.8	GT	FO2		1974
	2A	2.0	2.0	2.0	IC	FO2		1989
	2T	.8	.7	.8	GT	FO2		1974
	4	1.5	1.2	1.3	IC	Nat Gas	FO2	1962
	5	1.2	.8	.9	IC	Nat Gas	FO2	1959
	6	.9	.7	.8	IC	Nat Gas	FO2	1947
Danville City of Pinnacles (Patrick)	1	3.4	3.4	3.4	HC	Water		1938
	2	3.4	3.4	3.4	HC	Water		1938
	3	3.4	3.4	3.4	HC	Water		1938
Delmarva Power & Light Co Bayview (Northampton)	1	2.0	2.0	2.0	IC	FO2		1963
	2	2.0	2.0	2.0	IC	FO2		1963
	3	2.0	2.0	2.0	IC	FO2		1963
	4	2.0	2.0	2.0	IC	FO2		1963
	5	2.0	2.0	2.0	IC	FO2		1963
	6	2.0	2.0	2.0	IC	FO2		1963
Tasley (Accomack)	10	27.0	26.0	33.0	GT	FO2		1972
Martinsville City of Martinsville (Henry)	1	1.3	1.3	1.3	HC	Water		1924
Potomac Edison Co Luray (Page)	1	.6	.4	.6	HC	Water		1927
	2	.4	.2	.4	HC	Water		1927
	3	.6	.4	.6	HC	Water		1927
Newport (Page)	1	.4	.2	.4	HC	Water		1923
	2	.4	.2	.4	HC	Water		1923
	3	.6	.4	.6	HC	Water		1925
Shenandoah (Page)	1	.1	.1	.1	HC	Water		1925
	2	.3	.1	.2	HC	Water		1925
	3	.3	.1	.2	HC	Water		1929

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Virginia</b>								
Potomac Edison Co								
Warren (Warren)	4	0.3	0.1	0.2	HC	Water		1929
	1	.3	.2	.3	HC	Water		1924
	2	.3	.2	.3	HC	Water		1924
	3	.3	.2	.3	HC	Water		1928
Potomac Electric Power Co								
Potomac River (Alexandria)	1	92.0	87.0	87.0	ST	BIT		1949
	2	92.0	87.0	87.0	ST	BIT		1950
	3	110.0	102.0	102.0	ST	BIT		1954
	4	110.0	102.0	102.0	ST	BIT		1956
	5	110.0	102.0	102.0	ST	BIT	FO2	1957
Radford City of								
Radford (Pulaski)	1	1.0	1.0	1.0	HC	Water		1934
USCE-Wilmington District								
John H Kerr (Mecklenburg)	1	12.0	14.0	14.0	HC	Water		1952
	2	32.0	37.0	37.0	HC	Water		1952
	3	32.0	37.0	37.0	HC	Water		1953
	4	32.0	37.0	37.0	HC	Water		1953
	5	32.0	37.0	37.0	HC	Water		1953
	6	32.0	37.0	37.0	HC	Water		1953
	7	32.0	37.0	37.0	HC	Water		1953
Philpott Lake (Henry)	1	6.7	7.5	7.5	HC	Water		1953
	2	6.7	7.5	7.5	HC	Water		1953
	3	.6	.6	.6	HC	Water		1953
Virginia Electric & Power Co								
Bath County (Bath)	**1	350.1	350.0	350.0	HR	Water		1985
	**2	350.1	350.0	350.0	HR	Water		1985
	**3	350.1	350.0	350.0	HR	Water		1985
	**4	350.1	350.0	350.0	HR	Water		1985
	**5	350.1	350.0	350.0	HR	Water		1985
	**6	350.1	350.0	350.0	HR	Water		1985
Bremo Bluff (Fluvanna)	3	69.0	71.0	74.0	ST	BIT		1950
	4	185.3	156.0	160.0	ST	BIT		1958
Chesapeake (Chesapeake)	GT1	18.6	15.0	19.0	GT	FO2	Nat Gas	1967
	GT2	16.3	15.0	18.0	GT	FO2	Nat Gas	1969
	GT4	16.3	15.0	18.0	GT	FO2	Nat Gas	1969
	ST1	112.5	111.0	111.0	ST	BIT		1953
	ST2	112.5	111.0	111.0	ST	BIT		1954
	ST4	239.4	217.0	221.0	ST	BIT		1962
	10	23.8	21.0	29.0	GT	FO2	Nat Gas	1970
	3	185.3	156.0	162.0	ST	BIT		1959
	6	16.3	15.0	18.0	GT	FO2	Nat Gas	1969
	7	23.8	21.0	29.0	GT	FO2	Nat Gas	1969
	8	23.8	21.0	29.0	GT	FO2	Nat Gas	1969
	9	23.8	21.0	29.0	GT	FO2	Nat Gas	1969
Chesterfield (Chesterfield)	3	112.5	100.0	105.0	ST	BIT		1952
	4	187.5	166.0	171.0	ST	BIT		1960
	5	359.0	326.0	333.0	ST	BIT		1964
	6	693.9	658.0	671.0	ST	BIT		1969
Cushaw (Amherst)	1	1.5	1.5	1.5	HC	Water		1930
	2	1.5	1.5	1.5	HC	Water		1930
	3	1.5	1.5	1.5	HC	Water		1930
	4	1.5	1.5	1.5	HC	Water		1930
	5	1.5	1.5	1.5	HC	Water		1930
Gravel Neck (Surry)	1	16.3	15.0	17.0	GT	FO2	Nat Gas	1970
	2	23.8	22.0	28.0	GT	FO2	Nat Gas	1970
	3	89.5	72.0	89.0	GT	FO2	Nat Gas	1989
	4	89.5	72.0	89.0	GT	FO2	Nat Gas	1989
	5	89.5	72.0	89.0	GT	FO2	Nat Gas	1989
	6	89.5	72.0	89.0	GT	FO2	Nat Gas	1989
Low Moor (Alleghany)	GT1	20.7	15.0	18.0	GT	FO2	Nat Gas	1971
	GT2	20.7	15.0	18.0	GT	FO2		1971

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Virginia</b>								
Virginia Electric & Power Co	GT3	20.7	18.0	18.0	GT	FO2		1971
	GT4	20.7	15.0	18.0	GT	FO2		1971
North Anna (Louisa) .....	HC1	1.0	1.0	1.0	HC	Water		1987
	SP1	.	.	.	SP	Sun		1985
	SP2	.	.	.	SP	Sun		1985
	SP3	.	.	.	SP	Sun		1985
	**1	979.7	915.0	915.0	NP	Uranium		1978
	**2	979.7	915.0	915.0	NP	Uranium		1980
Northern Neck (Richmond) .....	GT1	20.7	16.0	19.0	GT	FO2		1971
	GT2	20.7	16.0	19.0	GT	FO2		1971
	GT3	20.7	16.0	19.0	GT	FO2		1971
	GT4	20.7	16.0	19.0	GT	FO2		1968
Possum Point (Prince William) .....	GT1	16.0	13.0	16.0	GT	FO2		1968
	GT2	16.0	13.0	16.0	GT	FO2		1968
	GT3	16.0	13.0	16.0	GT	FO2		1968
	GT4	16.0	13.0	16.0	GT	FO2		1968
	GT5	16.0	13.0	16.0	GT	FO2		1968
	GT6	16.0	13.0	16.0	GT	FO2		1968
	1	69.0	74.0	74.0	ST	FO6	BIT	1948
	2	69.0	69.0	71.0	ST	FO6	BIT	1951
	3	113.6	101.0	105.0	ST	BIT		1955
	4	239.4	221.0	221.0	ST	BIT		1962
	5	882.0	786.0	801.0	ST	FO6		1975
Surry (Surry) .....	1	847.5	781.0	781.0	NP	Uranium		1972
	2	847.5	781.0	781.0	NP	Uranium		1973
	1	187.5	166.0	171.0	ST	BIT		1957
Yorktown (York) .....	2	187.5	170.0	175.0	ST	BIT		1958
	3	882.0	818.0	820.0	ST	FO6	Nat Gas	1974

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Washington</b>								
Bureau of Reclamation Chandler (Benton) .....	1	6.0	6.0	6.0	HC	Water		1956
	2	6.0	6.0	6.0	HC	Water		1956
Grand Coulee (Grant) .....	LS1	10.0	10.0	10.0	HC	Water		1941
	LS2	10.0	10.0	10.0	HC	Water		1941
	LS3	10.0	10.0	10.0	HC	Water		1941
	PG10	53.5	53.5	53.5	HR	Water		1961
	PG11	53.5	53.5	53.5	HR	Water		1983
	PG12	53.5	53.5	53.5	HR	Water		1983
	PG7	50.0	50.0	50.0	HR	Water		1984
	PG8	50.0	50.0	50.0	HR	Water		1973
	PG9	53.5	53.5	53.5	HR	Water		1973
	1	125.0	125.0	125.0	HC	Water		1983
	10	125.0	125.0	125.0	HC	Water		1971
	11	125.0	125.0	125.0	HC	Water		1980
	12	125.0	125.0	125.0	HC	Water		1975
	13	125.0	125.0	125.0	HC	Water		1976
	14	125.0	125.0	125.0	HC	Water		1973
	15	125.0	125.0	125.0	HC	Water		1974
	16	125.0	125.0	125.0	HC	Water		1975
	17	125.0	125.0	125.0	HC	Water		1974
	18	125.0	125.0	125.0	HC	Water		1972
	19	600.0	600.0	600.0	HC	Water		1971
	2	125.0	125.0	125.0	HC	Water		1975
	20	600.0	600.0	600.0	HC	Water		1973
	21	600.0	600.0	600.0	HC	Water		1976
	22	700.0	700.0	700.0	HC	Water		1976
	23	700.0	700.0	700.0	HC	Water		1978
	24	700.0	700.0	700.0	HC	Water		1979
	3	125.0	125.0	125.0	HC	Water		1980
	4	125.0	125.0	125.0	HC	Water		1972
	5	125.0	125.0	125.0	HC	Water		1970
	6	125.0	125.0	125.0	HC	Water		1964
	7	125.0	125.0	125.0	HC	Water		1969
	8	125.0	125.0	125.0	HC	Water		1966
	9	125.0	125.0	125.0	HC	Water		1971
Roza (Yakima) .....	1	12.9	13.0	13.0	HC	Water		1968
					HC	Water		1958
Centralia City of Centralia (Thurston) .....	1	3.0	2.7	2.7	HC	Water		1930
	2	3.0	2.7	2.7	HC	Water		1930
	3	6.0	6.0	6.0	HC	Water		1955
Orcas Power & Light Co Eastsound (San Juan) .....	1	.1	.1	.1	IC	FO2		1938
	2	.1	.1	.1	IC	FO2		1938
	3	.1	.1	.1	IC	FO2		1940
	4	.5	.5	.5	IC	FO2		1948
	5	.5	.5	.5	IC	FO2		1948
PacifiCorp								
Centralia (Lewis) .....	**1	664.9	638.0	638.0	ST	SUB		1971
	**2	664.9	638.0	638.0	ST	SUB		1972
Condit (Klickitat) .....	1	4.8	7.3	7.5	HC	Water		1913
	2	4.8	7.3	7.5	HC	Water		1913
Merwin (Cowlitz) .....	1	45.0	48.0	45.0	HC	Water		1931
	2	45.0	48.0	45.0	HC	Water		1949
	3	45.0	48.0	45.0	HC	Water		1949
Naches (Yakima) .....	2	3.0	2.1	2.1	HC	Water		1958
	4	3.4	2.4	2.4	HC	Water		1909
Naches Drop (Yakima) .....	1	1.4	1.2	1.2	HC	Water		1913
Swift 1 (Skamania) .....	HY11	68.0	89.3	68.0	HC	Water		1915
	HY12	68.0	89.3	68.0	HC	Water		1958
	HY13	68.0	89.3	68.0	HC	Water		1958
Swift 2 (Cowlitz) .....	**21	35.0	38.4	36.0	HC	Water		1958
	**22	35.0	38.4	36.0	HC	Water		1959
					HC	Water		1958

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Washington</b>								
PacifiCorp Yale (Cowlitz)	1	54.0	66.0	54.0	HC	Water		1953
	2	54.0	66.0	54.0	HC	Water		1953
Pugot Sound Power & Light Co Crystal Mountain (Pierce)	1	2.8	2.8	2.8	IC	FO2		1969
	1	6.0	6.0	6.0	HC	Water		1904
	2	6.0	6.0	6.0	HC	Water		1904
	3	6.0	6.0	6.0	HC	Water		1904
Electron (Pierce)	4	7.5	8.0	8.0	HC	Water		1929
	1	84.6	79.0	89.0	GT	Nat Gas	FO2	1981
	2	84.6	79.0	89.0	GT	Nat Gas	FO2	1981
	1	123.6	108.0	123.6	GT	Nat Gas	FO2	1984
Fredonia (Skagit)	1	123.6	108.0	123.6	GT	Nat Gas	FO2	1984
	2	123.6	108.0	123.6	GT	Nat Gas	FO2	1984
Lower Baker (Skagit)	1	64.0	71.4	67.0	HC	Water		1960
	3	64.0	71.4	67.0	HC	Water		1968
Nooksack (Whatcom)	1	1.5	1.8	1.8	HC	Water		1929
	1	43.8	42.9	42.9	ST	FO6		1930
Shuffleton (King)	1	43.8	42.9	42.9	ST	FO6		1930
	2	43.8	42.9	42.9	ST	FO6		1905
Snoqualmie (King)	5	5.6	5.8	5.8	HC	Water		1910
	6	9.8	10.0	10.0	HC	Water		1957
	7	20.3	21.0	21.0	HC	Water		1972
	GT1	28.5	25.6	28.5	GT	FO2		1959
South Whidbey (Island)	1	47.2	51.5	51.5	HC	Water		1959
Upper Baker (Whatcom)	1	47.2	51.5	51.5	HC	Water		1912
	2	47.2	51.5	51.5	HC	Water		1912
White River (Pierce)	1	15.0	15.0	15.0	HC	Water		1912
	2	15.0	15.0	15.0	HC	Water		1918
	3	20.0	20.0	20.0	HC	Water		1924
	4	20.0	20.0	20.0	HC	Water		1924
Whitehorn (Whatcom)	1	61.2	58.0	67.5	GT	FO2		1974
	2	88.9	79.0	89.0	GT	Nat Gas	FO2	1981
	3	88.9	79.0	89.0	GT	Nat Gas	FO2	1981
PUD No 1 of Chelan County Chelan (Chelan)	A-1	24.0	24.0	24.0	HC	Water		1927
	A-2	24.0	24.0	24.0	HC	Water		1928
Rock Island (Chelan)	A	1.2	1.2	1.2	HC	Water		1931
	B-1	20.7	20.7	20.7	HC	Water		1931
	B-10	22.5	22.5	22.5	HC	Water		1953
	B-2	20.7	20.7	20.7	HC	Water		1931
	B-3	15.0	15.0	15.0	HC	Water		1932
	B-4	20.7	20.7	20.7	HC	Water		1932
	B-5	22.5	22.5	22.5	HC	Water		1952
	B-6	22.5	22.5	22.5	HC	Water		1952
	B-7	22.5	22.5	22.5	HC	Water		1952
	B-8	22.5	22.5	22.5	HC	Water		1952
	B-9	22.5	22.5	22.5	HC	Water		1952
	U-1	51.3	51.3	51.3	HC	Water		1979
	U-2	51.3	51.3	51.3	HC	Water		1979
	U-3	51.3	51.3	51.3	HC	Water		1978
	U-4	51.3	51.3	51.3	HC	Water		1978
	U-5	51.3	51.3	51.3	HC	Water		1978
	U-6	51.3	51.3	51.3	HC	Water		1978
U-7	51.3	51.3	51.3	HC	Water		1978	
U-8	51.3	51.3	51.3	HC	Water		1978	
Rocky Reach (Chelan)	C-1	111.2	111.2	111.2	HC	Water		1961
	C-10	125.4	125.4	125.4	HC	Water		1973
	C-11	125.4	125.4	125.4	HC	Water		1973
	C-2	111.2	111.2	111.2	HC	Water		1961
	C-3	111.2	111.2	111.2	HC	Water		1961
	C-4	111.2	111.2	111.2	HC	Water		1961
	C-5	111.2	111.2	111.2	HC	Water		1961
	C-6	111.2	111.2	111.2	HC	Water		1961
	C-7	111.2	111.2	111.2	HC	Water		1961
C-8	125.4	125.4	125.4	HC	Water		1973	
C-9	125.4	125.4	125.4	HC	Water		1973	
PUD No 1 of Douglas County Wells (Douglas)	U-1	77.4	82.0	82.0	HC	Water		1967

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Washington</b>								
PUD No 1 of Douglas County								
	U-10	77.4	82.0	82.0	HC	Water		
	U-2	77.4	82.0	82.0	HC	Water		1969
	U-3	77.4	82.0	82.0	HC	Water		1967
	U-4	77.4	82.0	82.0	HC	Water		1967
	U-5	77.4	82.0	82.0	HC	Water		1967
	U-6	77.4	82.0	82.0	HC	Water		1967
	U-7	77.4	82.0	82.0	HC	Water		1967
	U-8	77.4	82.0	82.0	HC	Water		1967
	U-9	77.4	82.0	82.0	HC	Water		1968
PUD No 1 of Pend Oreille Cnty								
Box Canyon (Pend Oreille) .....	1	15.0	19.3	19.3	HC	Water		1955
	2	15.0	19.3	19.3	HC	Water		1955
	3	15.0	19.3	19.3	HC	Water		1955
Callspel Creek (Pend Oreille) .....	4	15.0	19.3	19.3	HC	Water		1955
	1	.3	.3	.3	HC	Water		1922
	2	.3	.3	.3	HC	Water		1922
PUD No 2 of Grant County								
Priest Rapids (Grant) .....	1	78.9	91.2	91.2	HC	Water		1961
	10	78.9	91.2	91.2	HC	Water		1959
	2	78.9	91.2	91.2	HC	Water		1961
	3	78.9	91.2	91.2	HC	Water		1960
	4	78.9	91.2	91.2	HC	Water		1960
	5	78.9	91.2	91.2	HC	Water		1960
	6	78.9	91.2	91.2	HC	Water		1959
	7	78.9	91.2	91.2	HC	Water		1959
	8	78.9	91.2	91.2	HC	Water		1959
	9	78.9	91.2	91.2	HC	Water		1959
Quincy Chute (Grant) .....	**1	9.4	9.4	9.4	HC	Water		1959
Wanapum (Grant) .....	1	83.1	98.6	98.6	HC	Water		1963
	10	83.1	98.6	98.6	HC	Water		1963
	2	83.1	98.6	98.6	HC	Water		1963
	3	83.1	98.6	98.6	HC	Water		1963
	4	83.1	98.6	98.6	HC	Water		1963
	5	83.1	98.6	98.6	HC	Water		1963
	6	83.1	98.6	98.6	HC	Water		1963
	7	83.1	98.6	98.6	HC	Water		1963
	8	83.1	98.6	98.6	HC	Water		1963
	9	83.1	98.6	98.6	HC	Water		1963
Seattle City of								
Boundary (Pend Oreille) .....	51	158.7	167.0	167.0	HC	Water		1967
	52	158.7	167.0	167.0	HC	Water		1967
	53	158.7	167.0	167.0	HC	Water		1967
	54	158.7	167.0	167.0	HC	Water		1967
	55	199.5	210.0	210.0	HC	Water		1985
	56	199.5	210.0	210.0	HC	Water		1985
Cedar Falls (King) .....	5	10.0	15.0	15.0	HC	Water		1921
	6	10.0	15.0	15.0	HC	Water		1929
Diablo (Whatcom) .....	31	60.0	78.0	78.0	HC	Water		1937
	32	60.0	78.0	78.0	HC	Water		1936
	35	1.2	1.5	1.5	HC	Water		1936
	36	1.2	1.5	1.5	HC	Water		1936
Gorge (Whatcom) .....	21	36.9	32.0	32.0	HC	Water		1924
	22	36.9	32.0	32.0	HC	Water		1924
	23	36.9	32.0	32.0	HC	Water		1929
	24	60.0	79.0	79.0	HC	Water		1951
Newhalem (Whatcom) .....	20	2.0	2.0	2.0	HC	Water		1969
Ross Dam (Whatcom) .....	41	90.0	112.5	68.8	HC	Water		1956
	42	90.0	112.5	68.8	HC	Water		1954
	43	90.0	112.5	68.8	HC	Water		1953
	44	90.0	112.5	68.8	HC	Water		1952
Tacoma City of								
Aldor (Pierce) .....	11	25.0	26.0	22.5	HC	Water		1947
	12	25.0	26.0	22.5	HC	Water		1945

See footnotes at end of table.



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Washington</b>								
Tacoma City of								
Cushman 1 (Mason)	21	21.6	23.5	14.8	HC	Water		1926
	22	21.6	23.5	14.8	HC	Water		1926
Cushman 2 (Mason)	31	27.0	29.3	29.3	HC	Water		1930
	32	27.0	29.3	29.3	HC	Water		1931
	33	27.0	29.3	29.3	HC	Water		1952
La Granda (Pierce)	1	6.0	6.0	6.0	HC	Water		1912
	2	6.0	6.0	6.0	HC	Water		1912
	3	6.0	6.0	6.0	HC	Water		1912
	4	6.0	6.0	6.0	HC	Water		1912
	5	40.0	41.0	41.0	HC	Water		1945
Mayfield (Lewis)	41	40.5	43.0	43.0	HC	Water		1963
	42	40.5	43.0	43.0	HC	Water		1963
	43	40.5	43.0	43.0	HC	Water		1963
	44	40.5	43.0	43.0	HC	Water		1968
Mossyrock (Lewis)	51	150.0	192.0	166.0	HC	Water		1968
	52	150.0	192.0	166.0	HC	Water		1968
USBIA-Wapato Irrigation Proj								
Drop No 2 (Yakima)	1	2.5	2.1	2.4	HC	Water		1942
Drop No 3 (Yakima)	1	.9	.6	.8	HC	Water		1932
	2	.9	.5	.8	HC	Water		1932
USCE-Portland District								
Chief Joseph (Douglas)	1	88.3	2 2,337.0	2 2,337.0	HC	Water		1958
	10	88.3	2 ..	2 ..	HC	Water		1955
	11	88.3	2 ..	2 ..	HC	Water		1955
	12	88.3	2 ..	2 ..	HC	Water		1957
	13	88.3	2 ..	2 ..	HC	Water		1957
	14	88.3	2 ..	2 ..	HC	Water		1957
	15	88.3	2 ..	2 ..	HC	Water		1957
	16	88.3	2 ..	2 ..	HC	Water		1977
	17	95.0	2 ..	2 ..	HC	Water		1977
	18	95.0	2 ..	2 ..	HC	Water		1977
	19	95.0	2 ..	2 ..	HC	Water		1958
	2	88.3	2 ..	2 ..	HC	Water		1978
	20	95.0	2 ..	2 ..	HC	Water		1978
	21	95.0	2 ..	2 ..	HC	Water		1978
	22	95.0	2 ..	2 ..	HC	Water		1978
	23	95.0	2 ..	2 ..	HC	Water		1979
	24	95.0	2 ..	2 ..	HC	Water		1979
	25	95.0	2 ..	2 ..	HC	Water		1979
	26	95.0	2 ..	2 ..	HC	Water		1979
	27	95.0	2 ..	2 ..	HC	Water		1958
	3	88.3	2 ..	2 ..	HC	Water		1958
	4	88.3	2 ..	2 ..	HC	Water		1957
	5	88.3	2 ..	2 ..	HC	Water		1956
	6	88.3	2 ..	2 ..	HC	Water		1956
	7	88.3	2 ..	2 ..	HC	Water		1956
	8	88.3	2 ..	2 ..	HC	Water		1955
	9	88.3	2 ..	2 ..	HC	Water		1962
Ice Harbor (Walla Walla)	1	90.0	2 693.0	2 693.0	HC	Water		1962
	2	90.0	2 ..	2 ..	HC	Water		1962
	3	90.0	2 ..	2 ..	HC	Water		1975
	4	111.0	2 ..	2 ..	HC	Water		1975
	5	111.0	2 ..	2 ..	HC	Water		1976
	6	111.0	2 ..	2 ..	HC	Water		1970
Little Goose (Columbia)	1	135.0	2 932.0	2 932.0	HC	Water		1970
	2	135.0	2 ..	2 ..	HC	Water		1971
	3	135.0	2 ..	2 ..	HC	Water		1978
	4	135.0	2 ..	2 ..	HC	Water		1978
	5	135.0	2 ..	2 ..	HC	Water		1978
	6	135.0	2 ..	2 ..	HC	Water		1975
Lower Granite (Whitman)	1	135.0	2 932.0	2 932.0	HC	Water		1975
	2	135.0	2 ..	2 ..	HC	Water		1975
	3	135.0	2 ..	2 ..	HC	Water		1978
	4	135.0	2 ..	2 ..	HC	Water		1978
	5	135.0	2 ..	2 ..	HC	Water		1978

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Washington</b>								
USCE-Portland District								
Lower Monumental (Walla Walla)	6	135.0	2	2	HC	Water		1978
	1	135.0	2 932.0	2 932.0	HC	Water		1989
	2	135.0	2	2	HC	Water		1989
	3	135.0	2	2	HC	Water		1970
	4	135.0	2	2	HC	Water		1979
	5	135.0	2	2	HC	Water		1979
6	135.0	2	2	HC	Water		1979	
Washington Pub Pwr Supply Sys								
Packwood (Lewis)	1	27.5	30.0	30.0	HC	Water		1964
WNP (Benton)	2	1,200.0	1100.0	1100.0	NB	Uranium		1984
Washington Water Power Co								
Kettle Falls (Stevens)	1	50.7	46.0	46.0	ST	WD	Nat Gas	1983
Little Falls (Lincoln)	1	8.0	9.0	9.0	HC	Water		1910
	2	8.0	9.0	9.0	HC	Water		1910
	3	8.0	9.0	9.0	HC	Water		1910
	4	8.0	9.0	9.0	HC	Water		1911
	5	8.0	9.0	9.0	HC	Water		1915
Long Lake (Lincoln)	1	17.5	18.2	18.2	HC	Water		1915
	2	17.5	18.2	18.2	HC	Water		1919
	3	17.5	18.2	18.2	HC	Water		1924
	4	17.5	18.2	18.2	HC	Water		1915
Moyers Falls (Stevens)	1	.9	.9	.9	HC	Water		1915
	2	.3	.4	.4	HC	Water		1917
Monroe Street (Spokane)	1	.8	.6	.6	HC	Water		1948
	2	.7	.6	.6	HC	Water		1937
	3	1.3	1.0	1.0	HC	Water		1936
	4	2.3	1.9	1.9	HC	Water		1903
	5	2.3	1.9	1.9	HC	Water		1903
Nine Mile (Spokane)	1	3.0	4.5	4.5	HC	Water		1910
	2	3.0	4.5	4.5	HC	Water		1908
	3	3.0	4.5	4.5	HC	Water		1908
	4	3.0	4.5	4.5	HC	Water		1910
Northeast (Spokane)	1	61.2	58.0	68.0	GT	Nat Gas	FO2	1978
Upper Falls (Spokane)	1	10.0	10.2	10.2	HC	Water		1922
<b>West Virginia</b>								
Appalachian Power Co								
John E Armos (Putnam)	1	816.3	800.0	800.0	ST	BIT		1971
	2	816.3	800.0	800.0	ST	BIT		1972
	**3	1300.0	1300.0	1300.0	ST	BIT		1973
Kanawha River (Kanawha)	1	219.7	195.0	200.0	ST	BIT		1953
	2	219.7	195.0	200.0	ST	BIT		1953
London (Kanawha)	1	4.8	2 16.0	2 16.0	HC	Water		1935
	2	4.8	2	2	HC	Water		1935
	3	4.8	2	2	HC	Water		1935
Marmet (Kanawha)	1	4.8	2 16.0	2 16.0	HC	Water		1935
	2	4.8	2	2	HC	Water		1935
	3	4.8	2	2	HC	Water		1935
Mountaineer (1301) (Mason)	1	1300.0	1300.0	1300.0	ST	BIT		1980
Winfield (Kanawha)	1	4.9	6.5	6.5	HC	Water		1937
	2	4.9	6.5	6.5	HC	Water		1937
	3	4.9	6.5	6.5	HC	Water		1937
Central Operating Co								
Phil Sporn (Mason)	1	152.5	145.0	150.0	ST	BIT		1949
	2	152.5	145.0	150.0	ST	BIT		1950
	3	152.5	145.0	150.0	ST	BIT		1951
	4	152.5	145.0	150.0	ST	BIT		1952
	5	495.6	440.0	450.0	ST	BIT		1952
Monongahela Power Co								
Albright (Preston)	1	69.0	73.0	76.0	ST	BIT		1952
	2	69.0	73.0	76.0	ST	BIT		1952
	3	140.3	137.0	140.0	ST	BIT		1954
Fort Martin (Monongalia)	**1	576.0	552.0	552.0	ST	BIT		1967

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>West Virginia</b>								
Monongahela Power Co	**2	570.0	555.0	555.0	ST	BIT		1968
Harrison (Harrison) .....	**1	684.0	640.0	640.0	ST	BIT		1972
	**2	684.0	640.0	640.0	ST	BIT		1973
	**3	684.0	640.0	640.0	ST	BIT		1974
Pleasants (Pleasants) .....	**1	684.0	614.0	621.0	ST	BIT		1970
	**2	684.0	614.0	621.0	ST	BIT		1980
Fivesville (Marion) .....	5	35.0	48.0	48.0	ST	BIT		1944
	6	74.0	90.0	93.0	ST	BIT		1951
Willow Island (Pleasants) .....	1	50.0	54.0	55.0	ST	BIT		1949
	2	163.2	161.0	188.0	ST	BIT		1980
Ohio Power Co				210.0	ST	BIT		1958
Kammer (Marshall) .....	1	237.5	200.0	210.0	ST	BIT		1958
	2	237.5	200.0	210.0	ST	BIT		1958
	3	237.5	200.0	210.0	ST	BIT		1971
Mitchell (Marshall) .....	1	816.3	800.0	800.0	ST	BIT		1971
	2	816.3	800.0	800.0	ST	BIT		1971
Potomac Edison Co				.5	HC	Water		1909
Dam 4 (Jefferson) .....	1	.5	.3	.5	HC	Water		1909
	2	.5	.3	.5	HC	Water		1909
	3	.9	.9	.8	HC	Water		1919
Dam 5 (Berkeley) .....	1	.6	.3	.5	HC	Water		1919
	2	.6	.3	.5	HC	Water		1925
Harpers Ferry (Jefferson) .....	?	.6	.4	.6	HC	Water		1913
Millville (Jefferson) .....	?	.8	.5	.8	HC	Water		1939
	2	1.0	.6	1.0	HC	Water		1938
	3	1.0	.6	1.0	HC	Water		1938
Virginia Electric & Power Co			12.0	16.0	GT	Jet Fuel		1967
Mt Storm (Grant) .....	JF1	18.6	533.0	545.0	ST	BIT		1965
	1	570.2	533.0	545.0	ST	BIT		1966
	2	570.2	533.0	545.0	ST	BIT		1966
	3	522.0	530.0	545.0	ST	BIT		1973
West Penn Power Co			13.0	13.0	HC	Water		1926
Lake Lynn (Monongalia) .....	1	12.8	13.0	13.0	HC	Water		1926
	2	12.8	13.0	13.0	HC	Water		1926
	3	12.8	13.0	13.0	HC	Water		1926
	4	12.8	13.0	13.0	HC	Water		1926
<b>Wisconsin</b>								
Arcadia City of			1.3	1.3	IC	FO2		1958
Arcadia (Trempealeau) .....	1	1.4	1.0	1.0	IC	FO2		1948
	2	1.0	1.0	1.0	IC	FO2		1940
	3	.5	.4	.4	IC	FO2		1930
	4	.2	.2	.2	IC	FO2		1930
	5	3.1	3.2	3.2	IC	Nat Gas	FO2	1972
	6	3.0	3.1	3.1	IC	Nat Gas	FO2	1986
Argyle City of			1.2	1.2	HC	Water		1929
Argyle (Lafayette) .....	1	1	1.2	1.2	IC	FO2		1973
	3	1.1	1.2	1.2	IC	FO2		1989
	4	1.1	1.2	1.2	IC	FO2		1989
Barron City of			.1	.1	HC	Water		1923
Barron (Barron) .....	H2	.1	.8	.8	IC	FO2		1944
	7	.8	1.3	1.3	IC	FO2		1954
	8	1.3	2.0	2.0	IC	FO2		1960
	9	2.0	2.0	2.0	IC	FO2		1960
Black River Falls City of			.6	.6	HC	Water		1947
Black River Falls (Jackson) .....	HY1	.6	.3	.3	HC	Water		1919
	HY2	.3	.3	.3	IC	FO2		1941
	1	.3	.3	.3	IC	FO2		1941

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Wisconsin</b>								
Black River Falls City of								
	2	0.5	0.5	0.5	IC	FO2		1941
	3	.9	.9	.9	IC	FO2		1949
	4	1.4	1.4	1.4	IC	FO2		1955
Cashton Village of								
Cashton (Monroe)								
	3	.3	.3	.3	IC	FO2		1932
	4	.5	.4	.4	IC	FO2		1902
	5	1.1	1.0	1.2	IC	FO2	Nat Gas	1989
Consolidated Water Power Co								
Bron (Wood)								
	1	1.5	1.3	1.3	HC	Water		1910
	2	1.5	1.3	1.3	HC	Water		1921
	3	.8	.7	.7	HC	Water		1921
Du Fay (Portage)								
	1	1.2	1.2	1.2	HC	Water		1942
	2	2.0	2.0	2.0	HC	Water		1942
	3	2.0	2.0	2.0	HC	Water		1942
	4	2.0	2.0	2.0	HC	Water		1942
Stevens Point (Portage)								
	1	.8	.8	.8	HC	Water		1918
	2	.8	.8	.8	HC	Water		1918
	3	.8	.8	.8	HC	Water		1918
	4	.8	.8	.8	HC	Water		1918
	5	.8	.8	.8	HC	Water		1918
	6	.8	.8	.8	HC	Water		1918
Wisconsin Rapids (Wood)								
	1	2.2	2.2	2.2	HC	Water		1920
	2	2.2	2.2	2.2	HC	Water		1920
Wisconsin River Div (Portage)								
	1	1.8	1.8	1.8	HC	Water		1983
Cumberland City of								
Cumberland (Darron)								
	1	.7	.7	.7	IC	FO2		1945
	2	.3	.2	.2	IC	FO2		1939
	3	.3	.2	.2	IC	FO2		1939
	4	1.4	1.4	1.4	IC	FO2		1954
	5	2.1	2.0	2.0	IC	FO2		1966
	6	6.5	7.1	7.1	IC	Nat Gas FO2	FO2	1979
Dahlborg Light & Power Co								
Gordon (Douglas)								
	1	1	1	1	HC	Water		1934
	2	1	1	1	HC	Water		1945
	5	7	7	7	IC	FO2		1955
	6	7	7	7	IC	FO2		1949
Nancy (Washburn)								
	1	3	3	3	HC	Water		1953
Solon Diesel (Douglas)								
	1	2	2	2	HC	Water		1963
	2	1.0	1.0	1.0	IC	FO2		1988
	3	1.0	1.0	1.0	IC	FO2		1988
	4	1.0	1.0	1.0	IC	FO2		1989
	5	1.0	1.0	1.0	IC	FO2		1989
Dairyland Power Coop								
Alma (Buffalo)								
	1	15.0	21.0	21.0	ST	BIT		1947
	2	15.0	21.0	21.0	ST	BIT		1947
	3	15.0	21.0	21.0	ST	BIT		1951
	4	54.4	58.0	58.0	ST	BIT		1957
	5	81.6	82.0	82.0	ST	BIT		1959
Flambeau (Husk)								
	1	5.6	6.8	6.8	HC	Water		1950
	2	5.6	6.8	6.8	HC	Water		1950
	3	5.6	6.8	6.8	HC	Water		1950
Gonzo (Vernon)								
	**ST3	345.6	366.0	366.0	ST	BIT		1989
J P Madgoff (Buffalo)								
	1	387.0	361.0	361.0	ST	SUB		1979
Stoneman (Grant)								
	1	15.0	15.1	15.1	ST	BIT		1951
	2	33.0	35.0	35.0	ST	BIT		1953
Elroy City of								
Elroy (Juneau)								
	2	.2	.1	.1	IC	FO2	Nat Gas	1930
	3	.2	.2	.2	IC	FO2	Nat Gas	1936

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Wisconsin</b>								
Elroy City of	4	0.3	0.2	0.3	IC	FO2	Nat Gas	1945
	5	2.1	2.1	2.3	IC	FO2	Nat Gas	1973
Fennimore City of Fennimore (Grant)	4	1.2	1.1	1.1	IC	FO1		1962
	5	1.0	1.0	1.0	IC	FO1		1959
Gresham Village of Gresham (Shawano)	1	.1	.1	.1	IC	FO2		1994
	2	.2	.2	.2	IC	FO2		1964
	3	.2	.2	.2	IC	FO2		1964
Lower Wood (Shawano)	1	.3	.3	.3	HC	Water		1967
	2	.1	.1	.1	HC	Water		1937
Upper Wood (Shawano)	1	.1	.1	.1	HC	Water		1944
	2	.2	.2	.2	HC	Water		1944
Kaukauna City of Combined Locks (Outagamie)	HC1	3.1	3.1	3.0	HC	Water		1988
	HC2	3.1	3.1	3.0	HC	Water		1988
Kaukauna (Outagamie)	GT1	18.0	20.0	20.0	GT	Nat Gas	FO2	1989
	IC1	2.0	2.0	2.0	IC	FO2		1960
Kaukauna (Outagamie)	1	2.4	2.4	2.4	HC	Water		1940
	2	2.4	2.4	2.4	HC	Water		1942
Kaukauna (Outagamie)	2	2.0	2.0	2.0	IC	FO2		1960
	3	2.0	2.0	2.0	IC	FO2		1966
Little Chute (Outagamie)	1	1.1	1.1	1.1	HC	Water		1948
	2	1.1	1.1	1.1	HC	Water		1948
	3	1.1	1.1	1.1	HC	Water		1948
New Badger (Outagamie)	1	1.8	1.8	1.8	HC	Water		1928
	2	1.8	1.8	1.8	HC	Water		1928
Old Badger (Outagamie)	3	1.0	1.0	1.0	HC	Water		1907
	4	1.0	1.0	1.0	HC	Water		1907
Rapide Croche (Outagamie)	1	.6	.6	.6	HC	Water		1926
	2	.6	.6	.6	HC	Water		1926
	3	.6	.6	.6	HC	Water		1926
	4	.6	.6	.6	HC	Water		1926
Madison Gas & Electric Co Blount Street (Dane)	1	12.5	6.2	7.4	ST	Nat Gas	FO2	1925
	3	33.0	38.2	38.8	ST	BIT	Nat Gas	1953
	4	20.0	22.1	24.2	ST	BIT	Nat Gas	1930
	5	25.0	27.8	29.0	ST	BIT	Nat Gas	1948
	6	44.0	49.0	51.1	ST	BIT	Refuse	1957
	7	44.0	49.5	50.9	ST	BIT	Refuse	1961
	1	27.0	20.6	20.3	GT	Nat Gas	FO2	1973
Fitchburg (Dane)	1	27.0	20.9	25.6	GT	Nat Gas	FO2	1973
	2	27.0	20.9	25.6	GT	Nat Gas	FO2	1973
Nino Springs (Dane)	GT1	14.0	13.8	19.1	GT	Nat Gas	Jet Fuel	1964
Sycamore (Dane)	1	16.0	14.2	17.2	GT	Nat Gas	FO2	1967
	2	20.0	20.3	26.0	GT	Nat Gas	FO2	1971
Manitowoc City of Manitowoc (Manitowoc)	IC1	5.3	5.3	5.3	IC	Nat Gas	FO2	1985
	IC2	5.3	5.3	5.3	IC	Nat Gas	FO2	1985
	2	5.0	5.0	5.0	ST	BIT		1936
	3	10.0	10.0	10.0	ST	BIT		1941
	4	10.0	10.0	10.0	ST	BIT		1950
	5	22.0	22.0	22.0	ST	BIT		1956
Marshfield City of Wildwood (Wood)	3	6.0	6.0	6.0	ST	Nat Gas	FO2	1950
	4	12.5	9.0	9.0	ST	BIT		1962
	5	16.5	13.0	13.0	ST	BIT		1968

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Wisconsin</b>								
Monasha City of Monasha (Winnebago)	IC1	1.0	1.0	1.0	IC	FO2		1949
	3	8.0	8.0	8.0	SI	BI1		1954
	4	14.0	14.0	14.0	SI	BI1		1964
Morillon City of Morillon (Jackson)	HC1	1	1	1	HC	Water		1942
	1	1	1	1	IC	FO2		1943
	2	7	8	8	IC	FO2		1977
Muscodia City of Muscodia (Richland)	1	1	1	1	HC	Water		1934
	2	1	1	1	IC	FO2		1920
	3	2.0	2.0	2.1	SI	Refuse	WD	1980
New Lisbon City of New Lisbon (Juneau)	1	1	1	1	IC	FO2		1931
	2	1.4	1.4	1.4	IC	FO2	Nat Gas	1980
	3	.2	.2	.2	IC	FO2	Nat Gas	1937
	4	.6	.6	.6	IC	FO2		1948
	5	2.4	2.4	2.4	IC	FO2	Nat Gas	1977
North American Hydro Inc Wautoma (Waushara)	1	2	2	2	HC	Water		1924
	2	1	1	1	HC	Water		1924
North Central Power Co Inc Arpin Dam (Sawyer)	1	6	6	6	HC	Water		1971
	2	6	6	6	HC	Water		1971
	3	3	3	3	HC	Water		1973
East Fork (Sawyer)	IC1	3	3	3	IC	FO2		1954
	IC2	3	3	3	IC	FO2		1954
	1	2	2	2	HC	Water		1973
Grimm (Sawyer)	2	4	4	4	HC	Water		1972
	IC1	8	7	7	IC	FO2		1951
	1	1	1	1	HC	Water		1928
Northern States Power Co Apple River (St Croix)	3	3	3	3	IC	Water		1965
	1	8	8	7	HC	Water		1900
	2	8	7	7	HC	Water		1900
Bay Front (Ashland)	3	8	8	8	HC	Water		1900
	4	8	8	8	HC	Water		1900
	4	20.0	21.0	22.0	SI	WD	SUB	1949
Big Falls (Husk)	5	20.0	24.0	23.0	SI	WD	SUB	1952
	6	27.0	27.0	30.0	SI	WD	SUB	1957
	1	3.0	2.6	2.6	HC	Water		1922
Codrur Falls (Dunn)	2	3.0	2.6	2.6	HC	Water		1922
	3	3.0	2.6	2.6	HC	Water		1925
	1	2.0	2.7	2.7	HC	Water		1910
Chippewa Falls (Chippewa)	2	2.0	2.3	2.3	HC	Water		1911
	3	2.0	2.2	2.2	HC	Water		1915
	1	3.6	3.1	3.6	HC	Water		1928
Cornell (Chippewa)	2	3.6	3.2	3.6	HC	Water		1928
	3	3.6	3.1	3.6	HC	Water		1928
	4	3.6	3.0	3.7	HC	Water		1928
	5	3.6	3.0	3.7	HC	Water		1928
	6	3.6	2.9	3.7	HC	Water		1928
	1	10.0	10.0	10.0	HC	Water		1928
Dells (La Crosse)	2	10.0	10.0	10.0	HC	Water		1976
	3	10.0	10.0	10.0	HC	Water		1976
	4	8	6	6	HC	Water		1976
	1	2.0	2.5	2.5	HC	Water		1976
Dells (La Crosse)	2	1.6	1.3	1.3	HC	Water		1923
	3	1.6	1.3	1.3	HC	Water		1924
	4	1.6	1.3	1.3	HC	Water		1930
	4	1.6	1.3	1.3	HC	Water		1930
	5	1.6	1.3	1.3	HC	Water		1930

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Wisconsin</b>								
Northern States Power Co	6	0.5	0.7	0.7	HC	Water		1910
	7	.0	.0	.0	HC	Water		1907
	1	10.0	13.0	19.0	GT	Nat Gas	FO2	1969
Flambeau (Price)	1	15.3	14.0	15.0	ST	WD	Holuso	1940
French Island (La Crosse)	1	12.5	14.0	14.0	ST	WD	Nat Gas	1940
	2	70.0	70.0	85.0	GT	FO2		1974
	3	70.0	72.0	80.0	GT	FO2		1974
	4	70.0	72.0	80.0	GT	FO2		1925
Hayward (Sawyer)	1	2	2	2	HC	Water		1950
Holcombe (Chippewa)	1	11.3	11.6	11.6	HC	Water		1950
	2	11.3	11.6	11.6	HC	Water		1950
	3	11.3	11.6	11.6	HC	Water		1988
Jim Falls (Chippewa)	HC1	24.8	20.0	25.3	HC	Water		1988
	HC2	24.8	20.0	20.4	HC	Water		1986
	MS1	0	.4	.4	HC	Water		1940
Ladysmith (Rusk)	1	1.0	.9	.9	HC	Water		1940
	2	.9	.9	.9	HC	Water		1983
	3	2.0	1.0	1.0	HC	Water		1958
Monomonte (Dunn)	1	2.7	2.7	2.7	HC	Water		1958
	2	2.7	2.7	2.7	HC	Water		1905
Riverdale (St Croix)	1	.3	.3	.3	HC	Water		1905
	2	.3	.3	.3	HC	Water		1913
Saxon Falls (Jackson)	1	.6	.8	.8	HC	Water		1913
	2	.6	.8	.8	HC	Water		1905
St Croix Falls (Polk)	1	2.5	2.9	2.9	HC	Water		1905
	2	2.5	3.0	3.0	HC	Water		1905
	3	2.5	3.0	3.0	HC	Water		1905
	4	2.5	3.0	3.0	HC	Water		1910
	5	3.4	3.0	3.0	HC	Water		1910
	6	3.4	3.0	3.0	HC	Water		1923
	7	3.2	3.1	3.1	HC	Water		1923
	8	3.2	2.9	2.9	HC	Water		1929
Thornapple (Rusk)	1	.7	.8	.8	HC	Water		1929
	2	.7	.8	.8	HC	Water		1927
Trogo (Washburn)	1	.7	.8	.8	HC	Water		1927
	2	.5	.5	.5	HC	Water		1973
Wheaton (Chippewa)	1	54.0	55.0	66.0	GT	FO2		1973
	2	54.0	53.0	69.0	GT	FO2		1973
	3	54.0	51.0	67.0	GT	FO2		1973
	4	54.0	52.0	68.0	GT	FO2		1973
	5	53.0	55.0	74.0	GT	FO2		1973
	6	53.0	57.0	74.0	GT	FO2		1907
White River (Ashland)	1	5	4	4	HC	Water		1907
	2	5	5	5	HC	Water		1917
Wisota (Chippewa)	1	6.0	6.2	6.2	HC	Water		1917
	2	6.0	6.2	6.2	HC	Water		1917
	3	6.0	6.2	6.2	HC	Water		1917
	4	6.0	6.3	6.3	HC	Water		1917
	5	6.0	6.3	6.3	HC	Water		1917
	6	5.8	6.2	6.2	HC	Water		1917
Northwestern Wisconsin Elec Co								
Black Brook Dam (Polk)	1	.3	.4	.4	HC	Water		1982
	2	.4	.4	.4	HC	Water		1917
Clam Falls Dam (Polk)	1	.1	.1	.1	HC	Water		1946
	2	.1	.1	.1	HC	Water		1942
Clam River Dam (Burnett)	1	.4	.4	.4	HC	Water		1942
	2	.4	.4	.4	HC	Water		1967
	3	.4	.4	.4	HC	Water		1981
Danbury Dam (Burnett)	GT1	6.8	7.3	7.3	GT	FO1		1950
	HY3	6	6	6	HC	Water		1982
	IC1	5	5	5	IC	FO2		1966
	IC2	6	6	6	IC	FO2		1921
	1	2	1	1	HC	Water		1927
	2	3	3	3	HC	Water		1948
Erodac Diesel (Polk)	2	7	7	7	IC	FO2		1949
	3	7	7	7	IC	FO2		1949

See footnotes at end of table

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Wisconsin</b>								
Northwestern Wisconsin Elec Co								
	4	0.7	0.7	0.7	IC	FO2		1955
	5	.8	.8	.8	IC	FO2		1955
	6	1.8	1.8	1.8	IC	FO2		1970
	7	1.8	1.8	1.8	IC	FO2		1975
Grantsburg Diesel (Burnett) .....	1	.5	.8	.8	IC	FO2		1980
	2	.8	.8	.8	IC	FO2		1983
	3	1.0	.9	.9	IC	FO2		1988
	4	2.3	2.0	2.0	IC	FO2		1975
Oconto Electric Coop								
Stiles (Oconto) .....	1	.5	.5	.5	HC	Water		1948
	2	.5	.5	.5	HC	Water		1948
River Falls City of								
Junction (Pierce) .....	1	.4	.3	.3	HC	Water		1948
	2	.4	.4	.4	IC	FO2		1929
	3	.5	.5	.5	IC	FO2		1941
	4	1.1	1.1	1.1	IC	FO2		1948
	5	2.7	2.6	2.6	IC	FO2		1965
	6	2.1	2.1	2.1	IC	FO2	Nat Gas	1965
	7	6.0	5.6	5.6	IC	FO2	Nat Gas	1972
Powell Falls (Pierce) .....	8	.3	.3	.3	IC	FO2		1979
	1	.1	.1	.1	HC	Water		1948
Superior Water Light&Power Co								
Winlow (Douglas) .....	2	12.5	12.5	12.8	ST	Nat Gas		1942
	3	12.7	12.7	13.0	ST	Nat Gas		1952
Viola City of								
Viola (Richland) .....	1	.4	.5	.5	IC	FO2		1948
	2	.7	.6	.6	IC	FO2		1966
Washington Island El Coop Inc								
Washington Island (Door) .....	1	.3	.3	.3	IC	FO2		1952
	2	.1	.1	.1	IC	FO2		1952
	3	.1	.1	.1	IC	FO2		1945
	4	.3	.3	.3	IC	FO2		1951
	5	.5	.5	.5	IC	FO2		1968
	6	.9	.9	.9	IC	FO2		1972
Wisconsin Electric Power Co								
Appleton (Outagamie) .....	4	.9	<sup>2</sup> 1.9	<sup>2</sup> 1.9	HC	Water		1980
	5	.5	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1916
	6	.5	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1916
Germantown (Washington) .....	1	61.2	51.0	63.0	GT	FO2		1978
	2	61.2	51.0	63.0	GT	FO2		1978
	3	61.2	51.0	63.0	GT	FO2		1978
	4	61.2	51.0	63.0	GT	FO2		1978
Oconto Falls (Oconto) .....	1	.5	<sup>2</sup> .6	<sup>2</sup> .6	HC	Water		1924
	2	.5	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1921
	3	.4	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1918
Pino (Florence) .....	1	1.8	<sup>2</sup> 4.0	<sup>2</sup> 2.0	HC	Water		1922
	2	1.8	<sup>2</sup> .	<sup>2</sup> .	HC	Water		1922
Pleasant Prairie (Kenosha) .....	1	616.6	580.0	580.0	ST	SUB		1980
	2	616.6	580.0	580.0	ST	SUB		1985
Point Beach (Manitowoc) .....	1	523.8	495.0	495.0	NP	Uranium		1970
	2	523.8	495.0	495.0	NP	Uranium		1972
	5	19.6	16.0	24.0	GT	FO2		1969
Port Washington (Ozaukee) .....	1	80.0	55.0	55.0	ST	BIT		1935
	2	80.0	70.0	70.0	ST	BIT		1943
	3	80.0	80.0	80.0	ST	BIT		1948
	4	80.0	70.0	70.0	ST	BIT		1949
	5	80.0	77.0	77.0	ST	BIT		1950
	6	19.6	18.0	23.0	GT	FO2		1969
South Oak Creek (Milwaukee) .....	5	275.0	240.0	240.0	ST	BIT		1959
	6	275.0	245.0	245.0	ST	BIT		1961

See footnotes at end of table.



**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Wisconsin</b>								
Wisconsin Electric Power Co	7	317.6	280.0	280.0	ST	BIT		1965
	8	324.0	280.0	280.0	ST	BIT		1967
	9	19.6	20.0	25.0	GT	Nat Gas	FO2	1968
	1	136.0	126.0	113.0	ST	BIT		1968
	2	136.0	141.0	115.0	ST	BIT		1969
Valley (Milwaukee)	3	2.8	3.0	3.0	IC	FO2		1969
	1	.4	.2	.2	HC	Water		1930
Weyauwega (Waupaca)	1	.4	.2	.2	HC	Water		1930
Wisconsin Power & Light Co	1	.4	.4	.4	HC	Water		1928
	3	25.0	26.2	27.3	ST	Nat Gas		1945
Blackhawk (Rock)	4	25.0	28.2	29.1	ST	Nat Gas		1947
	**1	512.0	504.7	496.8	ST	SUB		1975
Columbia (Columbia)	**2	512.0	502.1	513.1	ST	SUB		1978
	3	66.0	72.4	72.6	ST	BIT		1951
Edgewater (Sheboygan)	**4	351.0	329.4	335.7	ST	BIT		1969
	**5	380.0	392.8	389.2	ST	BIT		1984
Janesville (Rock)	1	.3	.3	.3	HC	Water		1927
	2	.3	.3	.3	HC	Water		1926
Killbourn (Columbia)	HC1	2.2	2.9	2.9	HC	Water		1935
	HC5	2.0	2	2	HC	Water		1937
	HC6	2.0	2	2	HC	Water		1939
	2	2.0	2	2	HC	Water	SUB	1959
Nelson Dewey (Grant)	1	113.6	108.4	109.3	ST	BIT		1962
	2	113.6	105.2	107.9	ST	BIT		1946
Portable (Fond Du Lac)	4	.5	.5	.5	IC	FO2		1914
	1	2.5	30.0	29.0	HC	Water		1915
Prairie Du Sac (Sauk)	1	3.5	2	2	HC	Water		1920
	2	4.2	2	2	HC	Water		1922
	3	4.2	2	2	HC	Water		1922
	4	4.2	2	2	HC	Water		1938
	5	3.5	2	2	HC	Water		1938
	6	3.5	2	2	HC	Water		1940
	7	3.5	2	2	HC	Water		1940
	8	3.5	2	2	HC	Water		1953
Rock River (Rock)	1	75.0	70.4	75.0	ST	BIT		1955
	2	75.0	72.4	79.8	ST	BIT		1955
	3	37.5	28.4	35.2	GT	FO2	Nat Gas	1967
	4	18.0	13.3	17.2	GT	FO2	Nat Gas	1968
	5	51.0	47.0	61.6	GT	FO2	Nat Gas	1972
	6	51.0	45.8	60.4	GT	FO2	Nat Gas	1972
Shawano (Shawano)	1	.7	.9	.9	HC	Water		1928
	1	46.5	39.0	47.0	GT	FO2	Nat Gas	1971
Sheepskin (Rock)	1	.7	.9	.9	HC	Water		1928
	1	46.5	39.0	47.0	GT	FO2	Nat Gas	1971
Wisconsin Public Service Corp	1	1.4	1.4	1.4	HC	Water		1925
	2	1.4	1.4	1.4	HC	Water		1925
Alexander (Lincoln)	3	1.4	1.4	1.4	HC	Water		1924
	1	3.2	3.5	3.5	HC	Water		1924
	2	3.2	3.5	3.5	HC	Water		1964
Caldron Falls (Marinette)	1	2.0	2.0	2.0	IC	FO2		1964
	2	2.0	2.0	2.0	IC	FO2		1964
Eagle River (Vilas)	1	2.0	2.0	2.0	IC	FO2		1938
	2	2.0	2.0	2.0	IC	FO2		1938
Grandfather Falls (Lincoln)	1	11.0	11.0	11.0	HC	Water		1938
	2	6.2	6.2	6.2	HC	Water		1923
Hat Rapids (Oneida)	1	.8	1.0	1.0	HC	Water		1984
	2	.5	.5	.5	HC	Water		1984
	3	.4	.5	.5	HC	Water		1910
High Falls (Marinette)	1	1.4	1.4	1.4	HC	Water		1910
	2	1.4	1.4	1.4	HC	Water		1910
	3	1.4	1.4	1.4	HC	Water		1910
	4	1.4	1.4	1.4	HC	Water		1910
	5	1.4	1.4	1.4	HC	Water		1923
Jersey (Lincoln)	1	.2	.2	.2	HC	Water		1920
	2	.2	.2	.2	HC	Water		1922
	3	.1	.1	.1	HC	Water		1922
Johnson Falls (Marinette)	1	1.8	2.0	2.0	HC	Water		1923
	2	1.8	2.0	2.0	HC	Water		1923

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Capacity			Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Wisconsin</b>								
Wisconsin Public Service Corp								
Kewaunee (Kewaunee) .....	**1	535.0	530.3	530.6	NP	Uranium		1974
Kewaunee Wind (Kewaunee) .....	1	.	.	.	WT	Wind		1984
Merrill (Lincoln) .....	2	.4	.4	.4	HC	Water		1917
	3	1.5	1.5	1.5	HC	Water		1917
Otter Rapids (Vilas) .....	1	.3	.3	.3	HC	Water		1984
	3	.3	.3	.3	HC	Water		1927
Peshigo (Marinette) .....	1	.2	.2	.2	HC	Water		1924
	4	.4	.4	.4	HC	Water		1920
Potato Rapids (Marinette) .....	1	.5	.5	.5	HC	Water		1924
	2	.4	.4	.4	HC	Water		1926
	3	.4	.4	.4	HC	Water		1921
Pulliam (Brown) .....	3	30.0	26.0	27.7	ST	BIT		1921
	4	30.0	28.0	27.7	ST	BIT		1942
	5	50.0	50.5	50.9	ST	BIT		1947
	6	62.5	64.7	64.9	ST	BIT		1949
	7	75.0	80.1	76.5	ST	BIT		1951
	8	125.0	131.9	134.4	ST	BIT		1958
Sandstone Rapids (Marinette) .....	1	1.9	2.0	2.0	HC	Water		1964
	2	1.9	2.0	2.0	HC	Water		1925
Tomahawk (Lincoln) .....	1	1.3	1.3	1.3	HC	Water		1925
	2	1.3	1.3	1.3	HC	Water		1938
Wausau (Marathon) .....	1	1.8	1.8	1.8	HC	Water		1938
	2	1.8	1.8	1.8	HC	Water		1921
	3	1.8	1.8	1.8	HC	Water		1921
West Marinette (Marinette) .....	31	41.9	40.7	46.5	GT	FO2	Nat Gas	1971
	32	41.9	39.4	48.2	GT	FO2	Nat Gas	1973
Weston (Marathon) .....	1	60.0	63.0	64.9	ST	BIT		1954
	2	75.0	85.9	86.6	ST	BIT	Nat Gas	1960
	3	321.6	329.1	329.1	ST	SUB		1981
	31	21.5	20.9	25.9	GT	FO2	Nat Gas	1969
	32	51.0	52.4	64.9	GT	FO2	Nat Gas	1973
Wisconsin River Power Co								
Castle Rock (Juneau) .....	1	3.0	3.5	3.5	HC	Water		1951
	2	3.0	3.5	3.5	HC	Water		1950
	3	3.0	3.5	3.5	HC	Water		1950
	4	3.0	3.5	3.5	HC	Water		1950
	5	3.0	3.5	3.5	HC	Water		1950
Petenwell (Adams) .....	1	5.0	5.0	5.0	HC	Water		1950
	2	5.0	5.0	5.0	HC	Water		1949
	3	5.0	5.0	5.0	HC	Water		1949
	4	5.0	5.0	5.0	HC	Water		1949
<b>Wyoming</b>								
Basin Electric Power Coop								
Laramie River (Platte) .....	**1	570.0	550.0	550.0	ST	SUB		1980
	**2	570.0	550.0	550.0	ST	SUB		1981
	**3	570.0	550.0	550.0	ST	SUB		1982
Black Hills Corp								
Neil Simpson (Campbell) .....	5	21.8	14.6	18.6	ST	SUB		1969
Osage (Weston) .....	1	11.5	10.2	10.2	ST	SUB		1948
	2	11.5	10.2	10.2	ST	SUB		1949
	3	11.5	10.2	10.2	ST	SUB		1952
Bureau of Reclamation								
Alcova (Natrona) .....	1	18.0	18.0	18.0	HC	Water		1955
	2	18.0	18.0	18.0	HC	Water		1955
Boysen (Fremont) .....	1	7.5	7.5	7.5	HC	Water		1952
	2	7.5	7.5	7.5	HC	Water		1952
Fontenelle (Lincoln) .....	1	10.0	13.0	13.0	HC	Water		1968
Fremont Canyon (Natrona) .....	1	32.0	32.0	32.0	HC	Water		1960
	2	32.0	32.0	32.0	HC	Water		1961
Glendo (Platte) .....	1	19.0	19.0	19.0	HC	Water		1958

See footnotes at end of table.

**Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Generator Nameplate (megawatts)	Capacity		Unit Type <sup>1</sup>	Energy Source <sup>1</sup>		Year of Initial Operation
			Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
<b>Wyoming</b>								
Bureau of Reclamation	2	19.0	19.0	19.0	HC	Water		1959
	1	2.4	2.4	2.4	HC	Water		1927
Guernsey (Platte) .....	2	2.4	2.4	2.4	HC	Water		1927
	1	5.0	5.0	5.0	HC	Water		1948
Hearl Mountain (Park) .....	1	12.0	12.0	12.0	HC	Water		1950
Kortes (Carbon) .....	1	12.0	12.0	12.0	HC	Water		1949
	2	12.0	12.0	12.0	HC	Water		1950
	3	12.0	12.0	12.0	HC	Water		1924
Pilot Butte (Fremont) .....	1	.8	1.0	1.0	HC	Water		1928
	2	.8	1.0	1.0	HC	Water		1939
Seminole (Carbon) .....	1	15.0	15.0	15.0	HC	Water		1939
	2	15.0	15.0	15.0	HC	Water		1939
	3	15.0	15.0	15.0	HC	Water		1939
Cheyenne Light Fuel & Power Co					IC	FO2		1967
Corlett (Laramie) .....	1	2.8	2.8	2.8	IC	FO2		1963
Snyder (Laramie) .....	1	2.0	2.0	2.0	IC	FO2		1963
	2	2.0	2.0	2.0	IC	FO2		1963
	3	2.0	2.0	2.0	IC	FO2		1963
	4	2.0	2.0	2.0	IC	FO2		1963
	5	2.0	2.0	2.0	IC	FO2		1963
Lower Valley Power & Light Inc					HC	Water		1951
Strawberry Creek (Lincoln) .....	1	.5	.5	.5	HC	Water		1951
	2	.5	.5	.5	HC	Water		1951
	3	.5	.5	.5	HC	Water		1951
Montana Power Co					IC	FO2		1967
Lake Diesel (Teton) .....	1	2.8	2.8	2.8	IC	FO2		1979
Old Faithful (Teton) .....	1	1.0	1.0	1.0	IC	FO2		1979
	2	1.0	1.0	1.0	IC	FO2		1979
PacifiCorp					ST	SUB		1958
Dave Johnston (Converse) .....	1	100.0	105.0	105.0	ST	SUB		1960
	2	100.0	105.0	105.0	ST	SUB		1964
	3	220.0	220.0	220.0	ST	SUB		1972
	4	330.3	320.0	320.0	ST	SUB		1974
Jim Bridger (Sweetwater) .....	**1	508.6	485.0	485.0	ST	SUB		1975
	**2	508.6	485.0	485.0	ST	SUB		1976
	**3	508.6	485.0	485.0	ST	SUB		1979
	**4	508.6	485.0	485.0	ST	SUB		1963
Naughton (Lincoln) .....	1	163.2	160.0	160.0	ST	BIT		1968
	2	217.6	220.0	220.0	ST	BIT		1971
	3	326.4	330.0	330.0	ST	BIT		1986
Viva Naughton (Lincoln) .....	1	.6	.6	.6	HC	Water		1986
	2	.2	.2	.2	HC	Water		1986
Wyodak (Campbell) .....	**1	331.9	315.0	315.0	ST	SUB		1978

<sup>1</sup> See appendix B for definition of codes.  
<sup>2</sup> Individual summer and winter capabilities for these generators are not available. Within a plant, reported value is the aggregated capability of all these generators.  
<sup>3</sup> through <sup>15</sup>: Individual summer and winter capabilities for these generators are not available. An aggregate summer capability and an aggregate winter capability have been reported for generators in several plants or for specific generators within a plant. Generators in this category are denoted by matching footnote numbers to show what generators are aggregated.  
\* Capacity less than 0.05 megawatts.  
\*\* A jointly owned unit. See appendix C for the list of owners.  
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

## 4. Projected Electric Generating Unit Additions

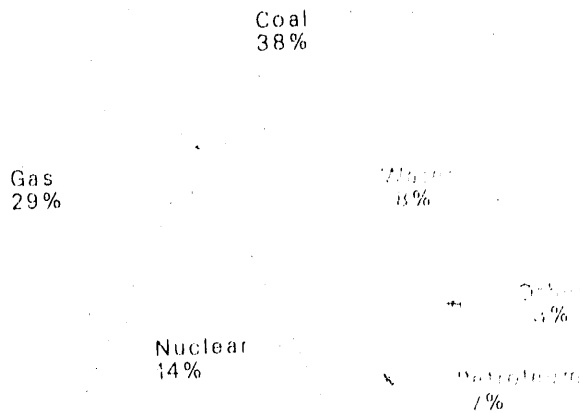
To serve demands for electricity during the next 10 years, electric utilities have proposed to add 41,232 megawatts of capacity in new units. This total includes units that were under construction or in various stages of planning at year-end 1989. It does not include capacity that is owned and operated by nonutility generators, nor does it include additional capacity that electric utilities will realize through repowering or upgrading of their existing plants.

Of the 41,232 megawatts of proposed new capacity, 35 percent of it was actually under construction, as of year-end. Sixty-two percent was in various stages of

planning. The Seabrook nuclear plant which was complete but had not received a Full Power Operating license accounts for the remaining 3 percent of the proposed new unit additions.

Thirty-eight percent (15,813 megawatts) of proposed capacity in new units is coal-fired, including 5,056 megawatts in lignite units. Gas turbine and combined cycle capacity account for 39 percent of new capacity additions; the remaining proposed capacity additions are in nuclear, hydroelectric, internal combustion, and solar units.

Figure 9. Percent Generating Capability Additions by Energy Source, 1990-1999



Notes: •Other includes solar and waste heat. •Percentages may not sum to 100 percent because of independent rounding.  
 Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Sixty-five percent of new capacity additions is concentrated in eight states. Texas alone has 23 percent of these proposed additions. Ranked in order of their share of new unit capacity additions, the remaining seven states are Florida, 10 percent; Nevada, Tennessee, and South Carolina, 6 percent each; Maryland and Ohio, 5 percent each; and Missouri, 4 percent.

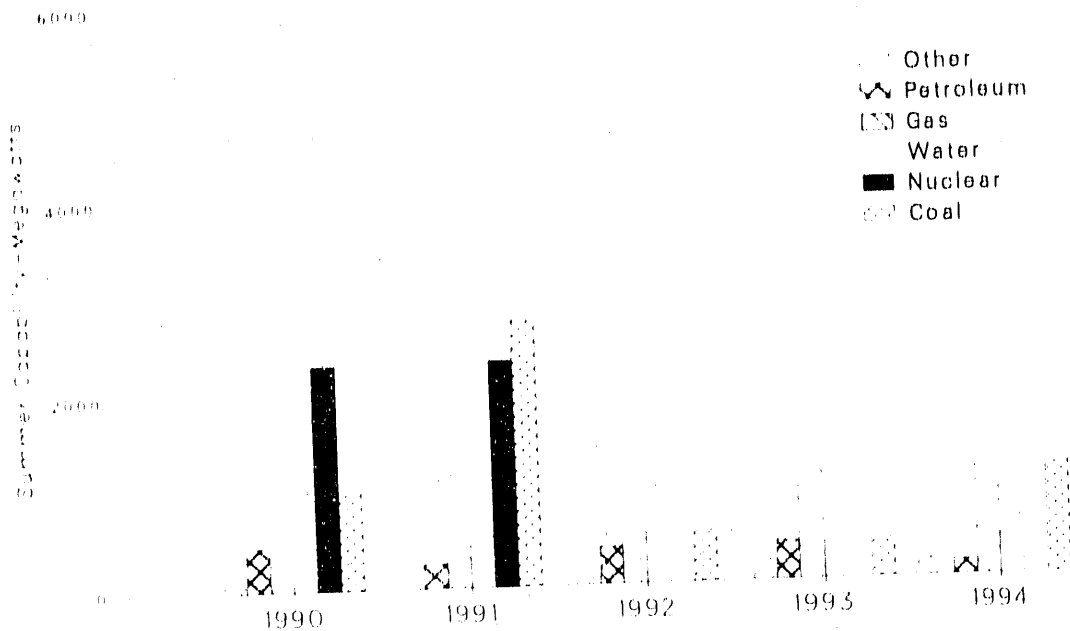
Several large coal-fired units that had been previously canceled, indefinitely postponed, or delayed have reappeared in the current 10-year forecast of new unit additions. These include: Orlando Utilities Commission's Stanton Energy, unit 2; South Carolina Public Service Authority's Cross, unit 1; and Kansas City Power and Light's Iatan, unit 2. Five newly reported large coal-fired units are included: Delmarva Power and Light Company's 142-megawatt Nanticoke, unit 1; Northern States Power Company's unsited 400-megawatt unit; South Carolina Electric and Gas Company's unsited 350-megawatt unit; and Virginia Electric and Power Company's Clover units 1 and 2 with a capacity of 393 megawatts each. With the exception of the completed Shoreham nuclear unit which was not permitted to operate, no nuclear or large coal-fired unit included in last year's forecast has been canceled, indefinitely postponed, or delayed beyond the current 10-year forecast.

Unusually cold weather during late 1989 caused some utilities to experience peak demands that they had predicted to occur no earlier than the mid-1990's. Moreover, the North American Electric Reliability Council has reported that actual demands have been consistently and substantially above forecast demands, for several years. Although utilities are reluctant to invest

in large new baseload power plants, they continually re-evaluate their options for maintaining an adequate and reliable power supply, particularly for peakload plants.

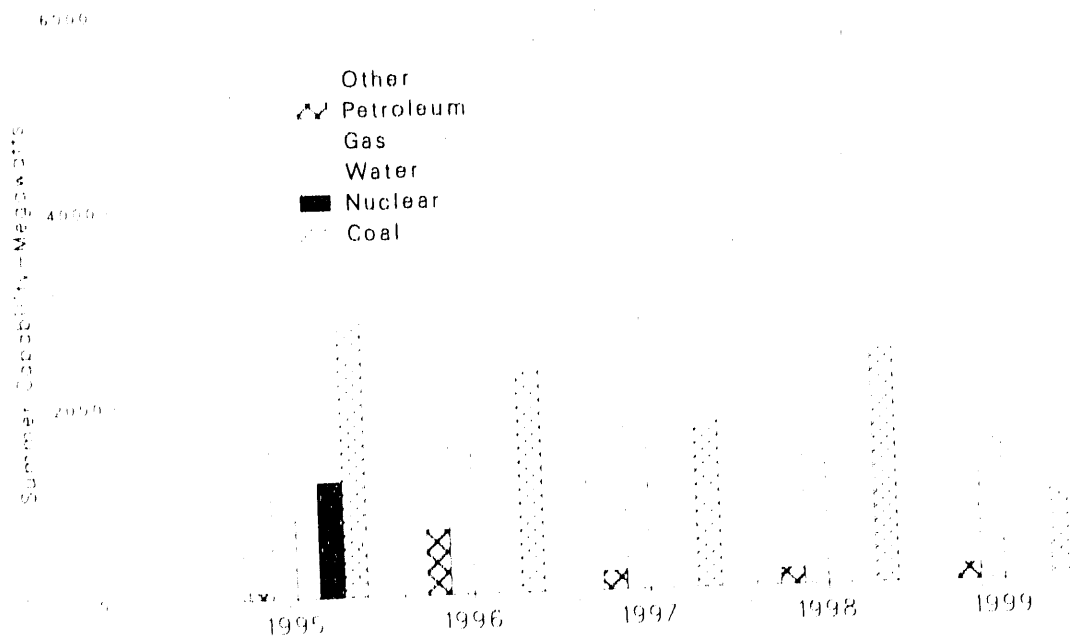
Today's options for new capacity do include advanced technologies that could expand the use of our Nation's most abundant energy resource. Although coal is the nation's most abundant energy resource, it has been a challenge for utilities to burn it in an efficient, economic manner while at the same time protecting the environment. Investments in environmental controls is expensive and the environmental controls themselves consume energy. Environmental controls, such as flue gas desulfurization equipment, produce sludge which in turn creates a costly disposal problem. With these drawbacks associated with the conventional use of coal as a boiler fuel, utilities are turning to "clean coal" technologies. Fluidized bed combustion and integrated coal gasification systems are the most popular of these technologies to be undertaken by utilities. These technologies could have lower capital requirements than conventional technologies, improve power plant efficiency, help clean the air, and allow greater use of high sulfur coal. Studies show that these technologies are a very attractive option to help satisfy the projected increases in the Nation's generating capacity requirements. Since fluidized bed combustion technology has primarily been proposed for implementation in retired or aging generating units of utilities, units that are proposed candidates for repowering with fluidized bed combustion are not included in the table of proposed new unit additions in this chapter. However, Table 21 does show several proposed integrated coal gasification systems in addition to the other new generating unit additions proposed by electric utilities.

**Figure 10. Projected Generating Capability Additions by Year and Energy Source, 1990-1994 (Megawatts)**



Note: Other includes solar and waste heat.  
 Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Figure 11. Projected Generating Capability Additions by Year and Energy Source, 1995-1999 (Megawatts)**



Note: Other is waste heat  
 Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1990-1999, as of December 31, 1989**

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Energy Source <sup>1</sup>	Unit Status
<b>Alabama</b>							
Alabama Electric Coop Inc							
Futuro Fossil (UNKNOWN)	1	Jun 98/Jun 95	125.0	125.0	ST	LIG	PL
McIntosh-CAES (Washington)	1	Jun 91/Jun 93	110.0	89.7	<sup>2</sup> GT	Nat Gas	CO
	2	Jun 98/Jun 94	110.0	89.7	<sup>2</sup> GT	Nat Gas	PL
McWilliams (Covington)	GT1	Jun 98/Jun 93	75.0	61.7	GT	Nat Gas	PL
	CT2	Jun 98/Jun 94	75.0	61.7	GT	Nat Gas	PL
	CT3	Jun 99/Jun 99	75.0	61.7	GT	Nat Gas	PL
	4	Jun 94/Jun 94	100.0	82.5	GT	Nat Gas	PL
Alabama Power Co							
James H Miller Jr (Jefferson)	4	Mar 91/Jun 81	705.5	667.0	ST	BIT	CO
<b>Alaska</b>							
Cordova Electric Coop Inc							
Humpback Creek (Valdez-Cordova)	1	Jun 90/Jan 88	.5	.5	HC	Water	CO
	2	Jun 90/Jan 88	.5	.5	HC	Water	CO
	3	Jun 90/Jan 88	.3	.2	HC	Water	CO
Pelican Utility Co							
Pelican (UNKNOWN)	IC5	Jun 90/Jun 90	.4	.4	IC	FO2	CO
<b>Arizona</b>							
Arizona Public Service Co							
Gila Bend (Maricopa)	GT1	Jun 97/May 92	75.0	61.7	GT	Nat Gas	PL
	GT2	Jun 97/Jun 97	75.0	61.7	GT	Nat Gas	PL
	GT3	Jun 99/Jun 99	75.0	61.7	GT	Nat Gas	PL
	GT4	Jun 99/Jun 99	75.0	61.7	GT	Nat Gas	PL
Bureau of Reclamation							
Waddell (Maricopa)	PS1	May 94/May 91	150.0	153.4	HR	Water	PL
Century Power Corp							
Springerville (Apache)	**0002	Mar 90/Jun 87	397.0	360.0	ST	SUB	CO
	3	Jun 95/Jun 90	397.0	360.0	ST	SUB	CO
Colorado River Indian Irr Proj							
Headgate Rock (UNKNOWN)	1	91/ 91	6.2	6.3	HC	Water	PL
	2	91/ 91	6.2	6.3	HC	Water	PL
	3	91/ 91	6.2	6.3	HC	Water	PL
<b>Arkansas</b>							
Arkansas Electric Coop Corp							
NA 1 (Conway)	1	May 93/May 93	10.8	11.2	HC	Water	PL
	2	Jun 93/Jun 93	10.8	11.2	HC	Water	PL
	3	Jul 93/Jul 93	10.8	11.2	HC	Water	PL
NA 2 (UNKNOWN)	1	Jun 99/Jun 99	100.0	82.5	GT	Nat Gas	PL
<b>California</b>							
California Dept-Wtr Resources							
Devil Canyon (San Bernardino)	3	Dec 91/Sep 91	78.4	87.8	HC	Water	CO
	4	Dec 91/Dec 91	78.4	87.8	HC	Water	CO
Mohave Siphon Power (San Bernardino)	1	Feb 94/Oct 93	10.8	11.2	HC	Water	PL
	2	May 94/Feb 94	10.8	11.2	HC	Water	PL
	3	Aug 94/Jun 94	10.8	11.2	HC	Water	PL
Los Angeles City of							
Harbor Gon Station (Los Angeles)	10	Jan 95/Jan 95	240.0	191.1	CW	WH	PL
Metropolitan Water District							
Etiwanda (San Bernardino)	1	Jul 93/Jun 86	26.5	28.5	HL	Water	PL
Pacific Gas & Electric Co							
PVUSA 2 (Yolo)	1	Jan 92/Jan 90	1.0	1.0	SP	Sun	PL
PVUSA 3 (San Luis Obispo)	1	Jan 92/Jan 91	1.0	1.0	SP	Sun	PL
Salt Springs Unit 1 (Amador)	HY3	Jun 94/Jan 87	6.0	6.1	HC	Water	PL

See footnotes at end of table

**Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1990-1999, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Energy Source <sup>1</sup>	Unit Status
<b>California</b>							
Pacific Gas & Electric Co	1	Jan 94/Jan 90	20.1	21.4	HC	Water	PL
Unit PG&E Hydro 94 (UNKNOWN)	NA1	Jan 98/Jan 91	2.1	2.1	HC	Water	PL
Unit PG&E Hydro 96 (UNKNOWN)	NA1	Jan 97/Jan 92	2.3	2.3	HC	Water	PL
Unit PG&E Hydro 97 (UNKNOWN)	2	Mar 91/Jan 87	7.0	7.2	HC	Water	PL
West Point (Amador)	NA1	Jan 98/Jan 95	3.0	3.0	HC	Water	PL
Wise 2 (Placer)							
Redding City of	1	Jul 90/Jul 99	4.0	4.0	HC	Water	PL
Lake Red Bluff (Tehama)	2	Jul 99/Jul 99	4.0	4.0	HC	Water	PL
			5.0	5.1	HC	Water	PL
Lake Redding (Shasta)	1	Jul 98/Jul 98	5.0	5.1	HC	Water	PL
	2	Jul 98/Jul 98	5.0	5.1	HC	Water	PL
	3	Jul 98/Jul 98	5.0	5.1	HR	Water	PL
Spring Creek (Shasta)	1	May 95/May 95	50.0	50.8	HR	Water	PL
	2	May 95/May 95	25.0	25.3	HR	Water	PL
	3	May 95/May 95	25.0	25.3	HR	Water	PL
<b>Colorado</b>							
Colorado Springs City of	1	Apr 99/Apr 99	75.0	61.7	GT	Nat Gas	PL
Nixon (UNKNOWN)	1	Sep 94/Sep 94	90.0	91.7	HR	Water	PL
Stanley Canyon (UNKNOWN)							
<b>Delaware</b>							
Delmarva Power & Light Co	3	May 93/May 93	100.0	82.5	CT	Nat Gas	PL
Hay Road (New Castle)	4	May 94/May 94	150.0	121.7	CW	WH	PL
<b>Florida</b>							
Florida Power & Light Co	1GT1	Dec 93/Dec 93	148.6	120.7	GT	Nat Gas	PL
Martin (Martin)	1GT2	Dec 93/Dec 93	148.6	120.7	GT	Nat Gas	PL
	1ST1	Dec 93/Dec 93	155.0	125.6	CW	WH	PL
	2GT1	Dec 94/Dec 94	148.6	120.7	GT	Nat Gas	PL
	2GT2	Dec 94/Dec 94	148.6	120.7	GT	Nat Gas	PL
	2ST1	Dec 94/Dec 94	155.0	125.6	CW	WH	PL
	3GT1	Dec 95/Dec 95	148.6	120.7	CT	SNG	PL
	3GT2	Dec 95/Dec 95	148.6	120.7	CT	SNG	PL
	3GT3	Dec 95/Dec 95	148.6	120.7	CT	SNG	PL
	3GT4	Dec 95/Dec 95	148.6	120.7	CT	SNG	PL
	3ST1	Dec 95/Dec 95	153.9	124.8	CW	WH	PL
	3ST2	Dec 95/Dec 98	153.9	124.8	CW	WH	PL
Florida Power Corp	10	Nov 92/Nov 92	84.0	68.9	GT	FO2	PL
Debarry (Volusia)	7	Nov 92/Nov 92	84.0	68.9	GT	FO2	PL
	8	Nov 92/Nov 92	84.0	68.9	GT	FO2	PL
	9	Nov 92/Nov 92	84.0	68.9	GT	FO2	PL
	10	Nov 93/Nov 93	84.0	68.9	GT	FO2	PL
Intercession City (Osceola)	7	Nov 93/Nov 93	84.0	68.9	GT	FO2	PL
	8	Nov 93/Nov 93	84.0	68.9	GT	FO2	PL
	9	Nov 93/Nov 93	84.0	68.9	GT	FO2	PL
NA 1 (UNKNOWN)	1	Nov 96/Nov 96	144.0	116.8	GT	FO2	PL
	2	Nov 96/Nov 96	144.0	116.8	GT	FO2	PL
	3	Nov 96/Nov 96	144.0	116.8	GT	FO2	PL
NA 2 (UNKNOWN)	1	Nov 97/Nov 97	216.4	173.1	CT	Nat Gas	PL
	3	Nov 99/Nov 99	216.4	173.1	CT	Nat Gas	PL
Gainesville Regional Utilities	NA1	Jun 98/Jan 98	35.0	29.3	GT	Nat Gas	PL
Deerhaven (Alachua)	NA2	Jun 99/Jan 99	35.0	29.3	GT	Nat Gas	PL
Gulf Power Co	1	May 94/May 95	126.0	102.4	GT	Nat Gas	PL
Caryville (Jackson)	2	May 97/May 97	126.0	102.4	GT	Nat Gas	PL

See footnotes at end of table.



**Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1990-1999, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Energy Source <sup>1</sup>	Unit Status
<b>Florida</b>							
Homestead City of G W Ivoy (Dade)	22	Jan 91/Jan 91	6.5	6.0	IC	Nat Gas	PL
Kuy West City of Stock Island D 1 (Monroe)	NA1	Jan 91/Feb 90	9.8	9.2	IC	FO2	CO
Stock Island D 2 (Monroe)	NA2	Jan 91/Feb 90	9.8	9.2	IC	FO2	CO
Kissimmee Utility Authority NA 1 (UNKNOWN)	1	Jan 93/Jan 93	37.0	30.9	GT	Nat Gas	PL
	2	Jan 97/Jan 97	20.0	20.0	ST	BIT	PL
Lakeland City of NA 1 (Polk)	1	Jan 94/Jan 98	50.0	41.5	GT	Nat Gas	PL
NA 2 (Polk)	1	Jan 98/Jan 98	50.0	41.5	GT	Nat Gas	PL
Orlando Utilities Comm Indian River (Brevard)	C	Jun 93/Jan 93	75.0	61.7	GT	Nat Gas	PL
	D	Jul 93/Jul 93	75.0	61.7	GT	Nat Gas	PL
Stanton Energy (Orange)	2	Jun 96/Jan 96	464.6	438.0	ST	BIT	PL
Tampa Electric Co CT (UNKNOWN)	1	Jan 98/Jan 96	79.8	66.5	GT	F-O2	PL
	2	Jan 97/Jan 97	79.8	66.5	GT	F-O2	PL
	3	Jan 99/Jan 99	80.5	66.1	GT	FO2	PL
	4	Jan 98/Jan 98	71.0	59.4	CW	WH	PL
<b>Georgia</b>							
Oglethorpe Power Corp Rocky Mountain (Floyd)	1	Dec 95/Jan 78	282.6	290.1	HR	Water	PL
	2	May 95/Jan 78	282.6	290.1	HR	Water	PL
	3	May 95/Jun 78	282.6	290.1	HR	Water	PL
USCE-Savannah District Richard Russell (Elbert)	5	Mar 91/Feb 86	75.0	76.4	HR	Water	CO
	6	Jun 91/May 86	75.0	76.4	HR	Water	CO
	7	Sep 91/Aug 86	75.0	76.4	HR	Water	CO
	8	Dec 91/Nov 86	75.0	76.4	HR	Water	CO
<b>Idaho</b>							
Fall River Rural Elec Coop Inc Island Park (Fremont)	HY1	Dec 92/Dec 88	4.8	4.8	HC	Water	PL
Idaho Power Co Milnor (Cassia)	1	Oct 92/Oct 92	46.6	51.1	HC	Water	PL
	2	Oct 92/Oct 92	12.1	12.6	HC	Water	PL
	3	Oct 92/Oct 92	7	7	HC	Water	PL
Swan Falls (Ada)	P1	Feb 93/Jan 87	12.5	13.1	HC	Water	PL
	P2	Mar 93/Jan 87	12.5	13.1	HC	Water	PL
Twin Falls (Twin Falls)	P1	Jan 95/Jan 95	43.5	47.7	HC	Water	PL
<b>Illinois</b>							
Springfield City of Lakeside (Sangamon)	GT1	Jun 93/Jan 93	41.4	35.4	GT	SNG	PL
	GT2	Jun 99/Jan 93	41.4	35.4	GT	Nat Gas	PL
<b>Indiana</b>							
Indianapolis Power & Light Co NA 1 (UNKNOWN)	1	Apr 96/Apr 96	96.0	78.5	GT	Nat Gas	PL
	2	Apr 96/Apr 96	96.0	78.5	GT	Nat Gas	PL
	3	Apr 97/Apr 97	96.0	78.5	GT	Nat Gas	PL
	4	Apr 98/Apr 98	96.0	78.5	GT	Nat Gas	PL

See footnotes at end of table.

**Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1990-1999, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Energy Source <sup>1</sup>	Unit Status
<b>Indiana</b>							
Public Service Co of N Inc NA 1 (UNKNOWN)	1	Apr 95/Apr 95	130.0	105.0	GT	Nat Gas	PL
	2	Apr 95/Apr 95	130.0	105.0	GT	Nat Gas	PL
	3	Apr 95/Apr 95	130.0	105.0	GT	Nat Gas	PL
	4	Apr 97/Apr 97	130.0	105.0	GT	Nat Gas	PL
	5	Apr 99/Apr 99	130.0	105.0	GT	Nat Gas	PL
Southern Indiana Gas & Elec Co A B Brown (Posey)	4	Jun 91/Apr 91	88.2	72.3	GT	Nat Gas	CO
<b>Iowa</b>							
Graettinger City of Graettinger (Palo Alto)	5	May 90/May 90	1.1	1.0	IC	FO2	CO
Interstate Power Co Mason City (Cerro Gordo)	1	Jun 91/Jan 91	30.0	25.2	GT	FO2	CO
	2	Jun 91/Jan 91	30.0	25.2	GT	FO2	CO
Iowa Electric Light & Power Co Anamosa (Jones)	HC1	Apr 90/Sep 89	.3	.2	HC	Water	CO
Iowa Power Inc Pleasant Hill (Polk)	1	Jun 90/May 90	41.4	34.5	GT	FO2	CO
	2	Jun 90/May 90	41.4	34.5	GT	FO2	CO
Iowa Southern Utilities Co Ginnoli (Poweshiek)	1	Aug 90/Sep 89	22.3	18.8	GT	Nat Gas	CO
	2	Aug 90/Sep 89	22.3	18.8	GT	Nat Gas	CO
NA 1 (UNKNOWN)	1	May 93/May 93	50.0	41.5	GT	Nat Gas	PL
	2	May 97/May 97	50.0	41.5	GT	Nat Gas	PL
<b>Kansas</b>							
Kingman City of Kingman (Kingman)	9	Jun 91/May 90	6.0	5.6	IC	FO2	PL
Mulvane City of Mulvane (Sedgwick)	7	Jan 91/Jan 90	.6	.5	IC	FO2	CO
	8	Jan 91/Jan 90	.6	.5	IC	FO2	CO
Russell City of Russell (Russell)	11	Dec 90/Jan 90	3.8	3.4	IC	Nat Gas	CO
	12	Dec 90/Jan 90	3.6	3.4	IC	Nat Gas	CO
Sabetha City of Sabetha (Neosho)	IC10	Jun 90/Jun 90	2.5	2.3	IC	FO2	CO
Warno City of Warno (Pottawatomie)	NA1	Jun 94/Jun 91	2.4	2.2	IC	Nat Gas	PL
<b>Kentucky</b>							
Kentucky Utilities Co NA 1 (UNKNOWN)	1	Apr 93/Apr 93	156.0	126.3	GT	Nat Gas	PL
	2	Apr 95/Apr 95	156.0	126.3	GT	Nat Gas	PL
	3	Apr 96/Apr 96	156.0	126.3	GT	Nat Gas	PL
	4	Apr 98/Apr 98	156.0	126.3	GT	Nat Gas	PL
	5	Apr 99/Apr 99	156.0	126.3	GT	Nat Gas	PL
Louisville Gas & Electric Co Cano Run (Jefferson) Trimble County (Trimble)	12	Jul 97/Jul 97	75.0	61.7	GT	FO2	PL
	1	Oct 90/Aug 81	566.1	480.0	ST	BIT	CO
Vanceburg City of Moldahl Gen Station (Bracken)	1	Sep 92/Jun 89	23.4	25.1	HC	Water	PL

See footnotes at end of table

**Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1990-1999 as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Energy Source <sup>1</sup>	Unit Status
<b>Kentucky</b>							
Vanderburg City of							
	2	Sep 92/Jun 89	23.4	25.1	HC	Water	PL
	3	Sep 92/Jun 89	23.4	25.1	HC	Water	PL
<b>Maine</b>							
Bangor Hydro-Electric Co							
Bain Mills (Penobscot)							
	1	Apr 99/Nov 91	12.0	12.5	HC	Water	PL
	2	Apr 99/Jun 97	12.0	12.5	HC	Water	PL
	3	Apr 99/Apr 99	12.0	12.5	HC	Water	PL
	7	Jan 93/Jan 93	1.2	1.1	HC	Water	PL
	1	Apr 90/Nov 90	8.0	8.2	HC	Water	PL
Central Maine Power Co							
Charles E. Monty (Androscoggin)							
	NA1	Sep 90/Apr 87	12.5	13.1	HC	Water	CO
	NA2	Sep 90/Apr 87	12.5	13.1	HC	Water	CO
<b>Maryland</b>							
Baltimore Gas & Electric Co							
Brandon Shores (Anne Arundel)							
	2	Jun 91/Apr 85	685.1	640.0	ST	BIT	CO
Perryman (Harford)							
	51	Jun 95/Jun 96	170.0	137.3	GT	Nat Gas	PL
	52	Jun 96/Jun 97	170.0	137.3	GT	Nat Gas	PL
	61	Jun 97/Jun 97	170.0	137.3	GT	Nat Gas	PL
	62	Jun 98/Jun 98	170.0	137.3	GT	Nat Gas	PL
Delmarva Power & Light Co							
Nanticoke (Dorchester)							
	ST1	May 99/May 87	150.0	150.0	ST	BIT	PL
Eastern Utilities Comm							
Easton 2 (Talbot)							
	24	May 93/Dec 91	6.3	5.9	IC	FOB	PL
	24A	May 93/Dec 91	6.3	5.9	IC	FOB	PL
	25	May 96/Dec 95	15.0	14.1	IC	FOB	PL
	28	May 99/May 99	20.0	18.8	IC	FOB	PL
Polomac Electric Power Co							
Chalk Point (Prince Georges)							
	GT3	Jun 91/Jun 91	84.0	68.9	GT	Nat Gas	PL
	GT4	Jun 91/Jun 91	84.0	68.9	GT	Nat Gas	PL
	GT5	Jun 91/ 90	104.0	84.9	GT	FO2	PL
	GT6	Jun 91/Jun 91	104.0	84.9	GT	FO2	PL
Coal Gas CC 1 (Montgomery)							
	GT1	92/ 94	127.0	103.8	GT	FO2	PL
	GT2	93/ 95	127.0	103.8	GT	FO2	PL
Coal Gas CC 2 (Montgomery)							
	GT3	96/ 96	127.0	103.8	GT	FO2	PL
	GT4	98/ 97	127.0	103.8	GT	FO2	PL
SME CO GT (Prince Georges)							
	11	Jun 90/Jun 96	84.0	68.9	GT	FO2	CO
<b>Massachusetts</b>							
Plymouth City of							
Waters River (Essex)							
	2	Dec 90/Dec 90	36.4	30.4	GT	Nat Gas	PL
<b>Minnesota</b>							
Northern States Power Co							
Future Base (UNKNOWN)							
	1	May 98/May 98	400.0	400.0	ST	Coal	PL
	1	May 94/May 94	100.0	81.7	GT	Nat Gas	PL
	2	May 97/May 97	100.0	81.7	GT	Nat Gas	PL
<b>Mississippi</b>							
South Mississippi El Pwr Assn							
Moselle (Jones)							
	4	Jun 93/Jun 93	80.0	66.6	GT	Nat Gas	PL
	5	Jun 94/Jun 94	40.0	34.3	CW	WH	PL
	6	Jun 97/Jun 97	80.0	66.6	GT	Nat Gas	PL
	7	Jun 98/Jun 98	40.0	34.3	CW	WH	PL

See footnotes at end of table

**Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1990-1999, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Energy Source <sup>1</sup>	Unit Status	
<b>Missouri</b>								
Empire District Electric Co Empire Energy Center (Jasper)	NA2	Jun 96/ Jun 95	32.0	20.8	GT	Nat Gas	PL	
	NA3	Jun 99/ Jun 95	32.0	20.8	GT	Nat Gas	PL	
	3	Jun 95/ Jun 92	75.0	62.6	CA	Nat Gas	PL	
	4	Jun 97/ Jun 97	75.0	62.0	CA	Nat Gas	PL	
Kansas City Power & Light Co Combustion Turbine 1 (Jackson)	NA4	Jun 96/ Jun 90	105.0	85.7	GT	Nat Gas	PL	
	NA5	Jun 97/ Jun 97	105.0	85.7	GT	Nat Gas	PL	
	NA6	Jun 97/ Jun 97	105.0	85.7	GT	Nat Gas	PL	
	NA7	Jun 99/ Jun 99	105.0	85.7	GT	Nat Gas	PL	
	1	Jun 94/ Mar 90	105.0	85.7	GT	Nat Gas	PL	
	2	Jun 95/ Mar 90	105.0	85.7	GT	Nat Gas	PL	
	3	Mar 96/ Mar 98	105.0	85.7	GT	Nat Gas	PL	
Combustion Turbine 2 (Jackson)	2	Mar 90/ May 85	725.8	500.0	ST	SUB	PL	
Combustion Turbine 3 (Jackson)	2	Mar 90/ May 85	725.8	500.0	ST	SUB	PL	
Springfield City of James Horv (Greene)	GT2	May 92/ May 93	71.4	50.0	GT	Nat Gas	PL	
NA 1 (UNKNOWN)	1	Jun 97/ Jun 97	50.0	50.0	ST	Coal	PL	
St Joseph Light & Power Co Lake Road (Buchanan)	7	May 90/ May 90	18.0	15.8	JE	FO2	CO	
	8	May 95/ May 95	75.0	61.7	GT	Nat Gas	PL	
Union Electric Co NA 1 (UNKNOWN)	1	May 97/ May 97	75.0	61.7	GT	FO2	PL	
	2	May 98/ May 98	75.0	61.7	GT	FO2	PL	
	3	May 99/ May 99	75.0	61.7	GT	FO2	PL	
UtilCorp United Inc FG 1 & 2 (Cass)	1	Jun 92/ Jun 85	22.0	18.0	GT	Nat Gas	PL	
	2	Jun 96/ Jun 85	22.0	18.0	GT	Nat Gas	PL	
<b>Nebraska</b>								
Omaha Public Power District NA 1 (UNKNOWN)	NA1	May 95/ 96	106.0	86.5	GT	Nat Gas	PL	
	NA2	May 99/ May 99	106.0	86.5	GT	Nat Gas	PL	
<b>Nevada</b>								
Nevada Power Co Clark (Clark)	10	Jun 94/ Jun 91	90.0	74.6	CW	WH	PL	
	9	Jun 93/ Jun 90	90.0	74.6	CW	WH	PL	
	Harry Allen (Clark)	GT1	Jun 94/ Jun 93	78.0	64.1	GT	FO2	PL
		GT2	Jun 95/ Jun 94	78.0	64.1	GT	FO2	PL
		GT3	Jun 96/ Jun 96	78.0	64.1	GT	FO2	PL
		GT4	Jun 96/ Jun 90	78.0	64.1	GT	FO2	PL
		**1	Jun 97/ Jun 95	250.0	250.0	ST	BIT	PL
		**2	Jun 98/ Jun 98	250.0	250.0	ST	BIT	PL
	White Pine Station (White Pine)	**1	Jun 99/ Jun 99	250.0	250.0	ST	BIT	PL
		**2	Jun 94/ Jun 89	812.0	750.0	ST	BIT	PL
	**2	Jun 95/ Jun 90	812.0	750.0	ST	BIT	PL	
	<b>New Hampshire</b>							
	Public Service Co of NH Seabrook (Rockingham)	**1	Jan 90/ Nov 79	1,200.0	1,150.0	NP	Uranium	LP
	<b>New Jersey</b>							
Jersey Central Power & Light Co NA 1 (UNKNOWN)	1	Jun 94/ Jun 94	100.0	81.7	GT	FO2	PL	
	1	Jun 95/ Jun 96	200.0	161.0	GT	Nat Gas	PL	
	NA 2 (UNKNOWN)	1	Jun 97/ Jun 95	200.0	161.4	GT	Nat Gas	PL
	NA 3 (UNKNOWN)	1	Jun 97/ Jun 96	100.0	82.5	CA	Nat Gas	PL
	2	Jun 97/ Jun 96	100.0	82.5	CA	Nat Gas	PL	
	1	Jun 98/ Jun 97	300.0	239.4	GT	Nat Gas	PL	
NA 4 (UNKNOWN)	1	May 96/ May 96	200.0	160.4	GT	Nat Gas	PL	
NA 5 (UNKNOWN)	1	May 96/ May 96	200.0	160.4	GT	Nat Gas	PL	
2	May 96/ May 96	100.0	82.5	CA	Nat Gas	PL		

See footnotes at end of table

**Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1990-1999, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Energy Source <sup>1</sup>	Unit Status	
<b>New Jersey</b>								
Jersey Central Power & Light Co NA 6 (UNKNOWN)	1	May 99/May 99	200.0	100.4	GT	Nat Gas	PL	
	2	May 99/May 99	100.0	82.5	GA	Nat Gas	PL	
Vineland City of Butler (Cumberland)	1	Jun 94/Jun 93	35.0	30.1	GT	Nat Gas	PL	
	3	Jun 94/Jun 94	10.0	14.2	GW	WFI	PL	
	4	Jun 94/Jun 94	50.0	42.4	GT	Nat Gas	PL	
<b>New York</b>								
Niagara Mohawk Power Corp	High Dam (Oswego)	5	Dec 94/Nov 88	2.5	HC	Water	PL	
	Hudson Falls (Saratoga)	A	Dec 94/Nov 85	38.1	HC	Water	PL	
	Mechanicville (Saratoga)	N1	Dec 94/May 84	12.0	HC	Water	PL	
	Minetto (Oswego)	N1	Jan 98/Nov 89	1.8	HC	Water	PL	
	Oswego Falls West (Oswego)	6	Dec 94/Nov 87	1.9	HC	Water	PL	
		7	Dec 94/Nov 87	1.9	HC	Water	PL	
		8	Dec 94/Nov 87	1.9	HC	Water	PL	
	South Glens Falls (Saratoga)	N1	Dec 94/Nov 89	13.8	HC	Water	PL	
Varick (Oswego)	1	Jan 98/Nov 90	4.6	HC	Water	PL		
	3	Dec 94/Sep 93	1.0	1.0	HC	Water	PL	
Power Authority of State of NY	Crescent (Albany)	NA1	Jun 90/Jan 86	3.0	HC	Water	CO	
		NA2	Jun 90/Jan 86	3.0	HC	Water	CO	
	Lowton (Niagara)	13	Sep 96/Jul 90	30.0	HR	Water	PL	
		14	Nov 98/Jul 90	30.0	HR	Water	PL	
Vischur Ferry (Saratoga)	NA1	Oct 90/Apr 86	3.0	3.0	HC	Water	CO	
	NA2	Oct 90/Apr 86	3.0	3.0	HC	Water	CO	
<b>North Dakota</b>								
Northern States Power Co Dakotas (UNKNOWN)	1	May 96/May 96	480.0	423.0	ST	LIQ	PL	
<b>Ohio</b>								
Cincinnati Gas & Electric Co	W H Zimmer (Clermont)	**ST1	Apr 91/Jun 91	1300.0	1288.0	ST	BIT	CO
	Woodsdale (Butler)	GT1	Apr 92/Apr 92	75.0	61.7	GT	Nat Gas	PL
		GT10	Apr 96/Apr 96	75.0	61.7	GT	Nat Gas	PL
		GT11	Apr 96/Apr 96	75.0	61.7	GT	Nat Gas	PL
		GT12	Apr 96/Apr 96	75.0	61.7	GT	Nat Gas	PL
		GT2	Apr 92/Apr 92	75.0	61.7	GT	Nat Gas	PL
		GT3	Apr 92/Apr 92	75.0	61.7	GT	Nat Gas	PL
		GT4	Apr 92/Apr 92	75.0	61.7	GT	Nat Gas	PL
		GT5	Apr 92/Apr 92	75.0	61.7	GT	Nat Gas	PL
		GT6	Apr 93/Apr 93	75.0	61.7	GT	Nat Gas	PL
		GT7	Apr 94/Apr 94	75.0	61.7	GT	Nat Gas	PL
		GT8	Apr 96/Apr 96	75.0	61.7	GT	Nat Gas	PL
		GT9	Apr 96/Apr 96	75.0	61.7	GT	Nat Gas	PL
		Dover City of Dover (Luscarawas)	6	Aug 90/Jun 80	18.0	15.3	GT	Nat Gas
7	Oct 92/Jun 91		20.0	20.0	ST	BIT	PL	
Painesville City of Painesville (Lake)	7	Jan 90/Aug 89	22.0	24.2	ST	BIT	CO	
<b>Oklahoma</b>								
Oklahoma Gas & Electric Co	Gonoco (Kay)	1	Nov 90/Nov 90	26.0	21.9	GT	Nat Gas	CO
		2	Nov 90/Nov 90	26.0	21.9	GT	Nat Gas	CO
	NA 1 (UNKNOWN)	1	May 99/May 89	100.0	81.7	GT	Nat Gas	PL
		2	May 99/May 90	170.0	137.3	GT	Nat Gas	PL

See footnotes at end of table.

**Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1990-1999, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Energy Source <sup>1</sup>	Unit Status
<b>South Carolina</b>							
Duke Power Co	1	Apr 92/Apr 91	206.3	273.3	HR	Water	CO
Bad Creek (Oconee)	2	Apr 92/Apr 91	200.3	273.3	HR	Water	CO
	3	Jan 93/Apr 92	200.3	273.3	HR	Water	CO
	4	Apr 92/Apr 92	206.3	273.3	HR	Water	CO
South Carolina Electric & Gas Co	4	May 91/May 91	121.8	99.1	GT	Nat Gas	PL
Hagood (Charleston)	GT1	May 93/May 93	96.0	78.5	GT	Nat Gas	PL
NA 1 (UNKNOWN)	GT2	May 94/May 94	96.0	78.5	GT	Nat Gas	PL
NA 2 (UNKNOWN)	GT3	May 94/May 94	96.0	78.5	GT	Nat Gas	PL
NA 3 (UNKNOWN)	ST1	May 97/May 97	350.0	350.0	ST	BIT	PL
NA 4 (UNKNOWN)							
South Carolina Pub Serv Auth	1	Dec 95/May 85	550.2	520.0	ST	BIT	CO
Cross (Berkeley)							
Spartanburg City of	3	Jan 98/Jan 89	2.5	2.5	HC	Water	PL
Blalock (Spartanburg)							
<b>South Dakota</b>							
Black Hills Corp	5	Jul 94/Jul 94	40.0	33.3	GT	Nat Gas	PL
CT (UNKNOWN)							
Northwestern Public Service Co	2	May 91/May 91	21.2	17.9	GT	Nat Gas	PL
Huron (Beadle)	3	May 99/May 99	22.8	19.2	GT	FO2	PL
<b>Tennessee</b>							
Tennessee Valley Authority	1	Oct 91/Oct 76	1269.9	1170.0	NP	Uranium	CO
Watts Bar (Rhea)	2	Oct 95/Apr 77	1269.9	1170.0	NP	Uranium	CO
<b>Texas</b>							
Brazos Electric Power Coop Inc	1	Jan 98/Jan 98	300.0	236.7	CT	Nat Gas	PL
NA 1 (UNKNOWN)	2	Jan 98/Jan 98	300.0	236.7	CT	Nat Gas	PL
	4	Jan 93/Jan 93	100.0	81.7	GT	Nat Gas	PL
R W Miller (Palo Pinto)	5	Jan 95/Jan 95	100.0	81.7	GT	Nat Gas	PL
Denton City of	1	Mar 91/ 86	2.8	2.8	HC	Water	CO
Lewisville (Denton)	1	Mar 91/ 88	1.0	1.0	HC	Water	CO
Roberts (Denton)							
El Paso Electric Co	1	Jan 96/Jan 96	70.0	57.6	GT	Nat Gas	PL
Genomic Stat (UNKNOWN)	2	Jan 98/Jan 98	70.0	57.6	GT	Nat Gas	PL
Houston Lighting & Power Co	1	Dec 96/Mar 87	726.8	645.0	ST	LIG	PL
Malakoff (Henderson)	2	Dec 98/Mar 88	726.8	645.0	ST	LIG	PL
Lubbock City of	1	May 90/May 90	20.0	16.9	GT	Nat Gas	CO
LP&L Gogon Plant (Lubbock)							
San Antonio City of	1	Feb 98/Feb 98	70.0	57.6	GT	Nat Gas	PL
GT 98 (Boxar)	2	Feb 98/Feb 98	70.0	57.6	GT	Nat Gas	PL
	1	Feb 99/May 98	70.0	57.6	GT	Nat Gas	PL
GT 99 (Boxar)	2	Feb 99/May 98	70.0	57.6	GT	Nat Gas	PL
	3	Feb 99/May 99	70.0	57.6	GT	Nat Gas	PL
	1	May 92/May 92	546.0	498.0	ST	SUB	CO
J K Spruce (Boxar)	2	May 97/May 97	546.0	498.0	ST	SUB	PL

See footnotes at end of table.

**Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1990-1999, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Energy Source <sup>1</sup>	Unit Status
<b>Texas</b>							
San Miguel Electric Coop Inc San Miguel (Atascosa) .....	**2	Jun 97/Jan 89	450.0	400.0	ST	LIG	PL
Texas Municipal Power Agency NA 1 (UNKNOWN) .....	1	Apr 96/Apr 96	120.0	97.7	GT	Nat Gas	PL
	2	Jan 99/Jan 99	118.9	97.4	CT	Nat Gas	PL
Texas Utilities Generating Co Comanche Peak (Somervell) .....	**1	Feb 90/Jan 80	1215.0	1150.0	NP	Uranium	CO
	**2	Dec 91/Jan 82	1215.0	1150.0	NP	Uranium	CO
Forest Grove (Henderson) .....	1	Jan 98/Dec 78	795.8	750.0	ST	LIG	CO
NA 2 (UNKNOWN) .....	NA1	Feb 97/Jan 96	375.0	293.2	CT	Nat Gas	PL
Twin Oak (Robertson) .....	1	Jan 95/Jan 81	800.9	750.0	ST	LIG	CO
	2	Jan 96/May 81	800.9	750.0	ST	LIG	CO
Texas-New Mexico Power Co TNP ONE (Robertson) .....	1	Feb 90/Jun 90	194.0	142.0	ST	LIG	CO
	2	Jun 91/Jun 91	194.0	142.0	ST	LIG	CO
	3	Jun 97/Jun 92	194.0	142.0	ST	LIG	PL
	4	Jun 98/Jun 93	194.0	142.0	ST	LIG	PL
<b>Utah</b>							
Bountiful City City of East Canyon Dam (Morgan) .....	NA1	Jun 91/Jun 87	2.0	2.0	HC	Water	CO
	NA2	Jun 91/Jun 87	.5	.5	HC	Water	CO
Joes Valley Dam (Emery) .....	NA1	Oct 92/Oct 92	1.3	1.2	HC	Water	PL
	NA2	Oct 92/Oct 89	1.3	1.2	HC	Water	PL
	NA3	Oct 92/Oct 86	1.0	1.0	HC	Water	PL
Pine View Dam (Weber) .....	NA1	Sep 90/Mar 90	1.8	1.8	HC	Water	CO
Deseret Generation & Tran Coop Bonanza (Uintah) .....	2	Aug 95/Jan 97	400.0	400.0	ST	BIT	PL
Logan City City of Logan Diesel (Cache) .....	IC5A	May 90/May 90	1.0	.9	IC	FO2	CO
	IC5B	May 90/May 90	1.0	.9	IC	FO2	CO
Mt Pleasant City of Unit 3 (Sanpete) .....	1	Dec 91/Sep 89	.5	.5	HL	Water	PL
Unit 4 (Sanpete) .....	1	Dec 91/Sep 88	1.5	1.4	HL	Water	PL
Weber Basin Water Conserv Dist West Gateway (Davis) .....	1	Dec 92/Dec 88	4.0	4.0	HC	Water	PL
<b>Vermont</b>							
Morrisville Village of Garfield (Lamoille) .....	HC1	94/ 94	1.3	1.2	HC	Water	PL
	HC2	94/ 94	1.3	1.2	HC	Water	PL
Swanton Village of Highgate Falls (Franklin) .....	4	Apr 90/Mar 88	4.5	4.5	HC	Water	CO
<b>Virginia</b>							
Culpeper Town of Culpeper 2 (Culpeper) .....	1	Jan 95/Jan 95	2.0	1.8	IC	FO2	PL
	2	Jan 95/Jan 95	2.0	1.8	IC	FO2	PL
Virginia Electric & Power Co Chesterfield (Chesterfield) .....	7	Jun 90/Apr 92	72.0	60.2	CW	WH	CO
	7A	Jun 90/Apr 92	147.0	119.4	CT	Nat Gas	CO
	8A	Jun 92/Jun 92	147.0	119.4	CT	Nat Gas	PL
	8B	Jun 92/Jun 92	72.0	60.2	CW	WH	PL
Clover (Halifax) .....	**1	Dec 93/Dec 93	393.0	393.0	ST	Coal	PL
	**2	Dec 94/Dec 94	393.0	393.0	ST	Coal	PL
Darbytown (Henrico) .....	1	Nov 90/Nov 90	89.5	73.3	GT	FO2	CO

See footnotes at end of table.

**Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1990-1999, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Energy Source <sup>1</sup>	Unit Status
<b>Virginia</b>							
Virginia Electric & Power Co	2	Nov 90/Nov 90	89.5	73.3	GT	FO2	CO
	3	Nov 90/Nov 90	89.5	73.3	GT	FO2	CO
	4	Nov 90/Nov 90	89.5	73.3	GT	FO2	CO
<b>Washington</b>							
PUD No 1 of Pend Oreille Cnty Sullivan Creek (Pend Oreille)	1	Sep 95/Sep 89	8.0	8.2	HC	Water	PL
	2	Sep 95/Sep 89	8.0	8.2	HC	Water	PL
PUD No 2 of Grant County PEC Headworks (Grant)	**1	Apr 90/Apr 89	6.7	6.8	HC	Water	CO
Seattle City of South Fork Tolt (King)	1	94/Nov 85	15.0	15.8	HC	Water	PL
Tacoma City of Wynoochee (Grays Harbor)	1	Jan 92/Jun 91	7.5	7.7	HC	Water	PL
	2	Jan 92/Jun 91	3.3	3.3	HC	Water	PL
<b>Wisconsin</b>							
Madison Gas & Electric Co Combustion Turbine (Dane)	1	Jun 95/Jun 95	90.0	73.7	GT	Nat Gas	PL
	2	Jun 99/Jun 98	45.0	37.4	GT	Nat Gas	PL
Manitowoc City of Manitowoc (Manitowoc)	8	Dec 98/Dec 98	60.0	60.0	ST	BIT	PL
Marshfield City of NA (UNKNOWN)	1	Jun 92/Jun 92	15.0	12.8	GT	Nat Gas	PL
Wisconsin Electric Power Co Concord (Jefferson)	1	Jun 93/Jun 93	75.0	61.7	GT	Nat Gas	PL
	2	Jun 93/Jun 93	75.0	61.7	GT	Nat Gas	PL
	1	Jun 93/Jun 93	3.0	3.0	HC	Water	PL
	1	Jun 94/Jun 94	75.0	61.7	GT	Nat Gas	PL
	1	Jun 94/Jun 94	75.0	61.7	GT	Nat Gas	PL
	2	Jun 95/Jun 95	75.0	61.7	GT	Nat Gas	PL
	2	Jun 95/Jun 95	75.0	61.7	GT	Nat Gas	PL
	1	Jun 96/Jun 96	75.0	61.7	GT	Nat Gas	PL
	2	Jun 96/Jun 96	75.0	61.7	GT	Nat Gas	PL
	1	Jun 97/Jun 97	75.0	61.7	GT	Nat Gas	PL
2	Jun 97/Jun 97	75.0	61.7	GT	Nat Gas	PL	
Wisconsin Power & Light Co NA 1 (Fond Du Lac)	CT1	Mar 94/Mar 94	90.0	73.7	GT	Nat Gas	PL
	CT2	Mar 96/Mar 96	90.0	73.7	GT	Nat Gas	PL
	CT3	Mar 96/Mar 96	90.0	73.7	GT	Nat Gas	PL
	CT4	Mar 99/Mar 99	90.0	73.7	GT	Nat Gas	PL
Wisconsin Public Service Corp Rainbow (Oneida)	1	Mar 98/Mar 98	1.1	1.1	HC	Water	PL
	1	Mar 98/Mar 98	4.0	4.0	HC	Water	PL

<sup>1</sup> See Appendix B for definition of codes.

<sup>2</sup> Compressed Air Energy Storage.

\* Capacity less than 0.05 megawatts.

\*\* A jointly owned unit. See Appendix C for the list of owners.

Notes: The following units denoted in this table with unit type, CT, are the entire respective proposed combined cycle units, including the steam generator(s): Arkansas Electric Cooperative Corporation, NA 2, unit 1 - Florida Power Corporation, NA 2, units 1 and 2 - Brazos Electric Power Cooperative, NA 1, units 1 and 2 - Texas Municipal Power Agency, NA 1, unit 2. Each of the following denoted in this table represents multiple proposed generators: Jersey Central Power and Light Company, NA 2, unit 1, NA 3, unit 1, NA 4, unit 1, NA 5, unit 1, NA 6, unit 1 - Oklahoma Gas and Electric Company, NA 1, unit 2 - Texas Utilities Generating Company, NA 2, unit NA1.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."



# Appendix A

## Technical Notes

## Appendix A

# Technical Notes

### Sources of Data

A synopsis of the data collection system used to prepare *Inventory of Power Plants in the United States* is presented below.

### Form EIA-860, "Annual Electric Generator Report"

The Energy Information Administration provides for the annual data collection of information pertaining to existing power plants owned and operated by electric utilities and their 10-year plans for constructing new plants and for generating unit additions, modifications, and retirements of existing plants. Data on Form EIA-860 are collected from all electric utilities in the United States that operate power plants or plan to operate a power plant within 10 years of the reporting year.

**Instrument and Design History.** Form EIA-860 was implemented in January 1985 to collect data as of year-end 1984. The Federal Energy Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

**Data Processing.** Data on Form EIA-860 are submitted through mail by 870 respondents. The forms are mailed to the respondents in December to collect data as of the end of the preceding calendar year. The completed forms are due at the EIA on February 15. Data for each respondent are preprinted from the applicable data base. Respondents are instructed to verify all preprinted data and to supply missing data. Processing of the data on Form EIA-860 is the responsibility of Data Systems Branch, Electric Power Division of the Office of Coal, Nuclear, Electric and Alternate Fuels. The system used to process data reported on Form EIA-860 was designed by this office. The data are manually edited before being reduced for automatic data processing. Computer programs containing additional edit checks are run. Respondents are telephoned to obtain correction or clarification of reported data and to obtain missing data, as a result of the manual and automated editing process.

**Presentation.** Data from Form EIA-860 are summarized in the *Inventory of Power Plants in the United*

*States.* This report presents aggregate totals for electric utilities in the United States, the Federal regions, the North American Electric Reliability Council regions, the Census divisions, and within the States. The data are also used as input to publications and studies by other offices in the Department of Energy.

**Information Collected.** A summary of the five schedules contained in Form EIA-860 is presented below.

1. Schedule I - Identification and Certification: Respondent's mailing address; name and telephone number of contact person; and name and title of certifying official.
2. Schedule II - Power Plant Site Information
  - a. For each reported power plant, the following are specified: plant name; county location; State location; elevation; name of cooling water source or source of water for hydroelectric power; type of cooling; and indicator of plant usage for production of steam or hot water for nonutility use.
  - b. Specifically, for each reported hydroelectric power plant, the following are specified: hydroelectric project name; area of pools; drainage area; for normal full upper pool, maximum drawdown, usable storage, and elevation; gross head; design head; and kind of plant.
3. Schedule III - Generator Information
  - a. For each operable generator (active and inactive), the following are specified: plant name; generator identification; prime mover; nameplate rating; service type; first electricity date; date of initial commercial operation; start-up energy sources; energy sources used during the reporting year for the production of electricity; heat rate; net summer capability; and net winter capability.
  - b. For each generator scheduled for initial operation within 10 years, the following are specified: plant name; generator identification; prime mover; nameplate rating; dates scheduled for first electricity generation; reasons

for delays; proposed energy sources; and proposed net summer and net winter capabilities.

- c. Previously reported proposed generators that have been canceled during the reporting year are reported, along with the date of cancellation and reasons for cancellation.
  - d. Proposed generators that have been indefinitely postponed are reported, along with the date the decision was made to postpone and the reasons for postponement.
  - e. Generators that have been retired during the reporting year and their date of retirement are reported.
  - f. Generators that have been sold to a nonutility during the reporting year and their date of sale are reported.
  - g. Information is also reported for existing generators that, within the next 10 years, will be retired, will convert to another energy source, or will be modified for other reasons, such as prime mover change.
  - h. Previously reported retired generators that are planned for reactivation from retirement within the next 10 years and their proposed date of reactivation.
4. Schedule IV - Ownership of Generators Jointly Owned or Exclusively Owned by Others: For operable and planned generator additions that are jointly owned, or for any generator that the respondent operates, but has 100 percent ownership outside the operating company, the following are reported: plant name, generator identification, prime mover, each owner's name, and their percent ownership.
5. Schedule V - Coal-fired Steam Generators - Planning, Engineering, and Construction Milestones: For each coal-fired generator expected to start operation within 10 years, various planned and actual milestone dates are reported.

### Quality of Data

The Office of Coal, Nuclear, Electric and Alternate Fuels (CNEAF) is responsible for routine data improvement and quality assurance activities. All operations of CNEAF are done in accordance with formal standards established by the Energy Information Administration (EIA). These standards are the guidelines for ensuring quality statistics. Data improvement efforts include verification of data-keyed input by automated computerized methods, editing by subject matter specialists, and followup on submissions by nonrespondents. The CNEAF supports the quality assurance efforts of the data collectors by providing advisory reviews of information requirements, and of proposed designs for new and revised data collection forms and systems. The actual performance of working

data collection systems is validated once they are implemented. Respondents' computerized data files are checked to identify those who fail to respond to the survey. By law, nonrespondents may be fined or otherwise penalized for not filing an EIA data form as prescribed in the instructions. Before invoking the law, the EIA tries to obtain the required information by encouraging cooperation of nonrespondents.

Completed forms received by the CNEAF are sorted, screened for completeness of reported information, and keyed onto computer tapes for storage and transfer to data bases on random access storage devices for computer processing. The information coded on the computer tapes is spot-checked against the forms by hand to certify the accuracy of the tapes.

### Updating and Editing of Data

Automated systems used to edit data include both deterministic checks, in which records are checked for the presence of data in required fields, and statistical checks, in which the data are checked against a range of values based on historical data values and for logical or mathematical consistency with data elements reported in the source documents.

### Data Correction and Revision Procedures

The Office of Coal, Nuclear, Electric and Alternate Fuels has adopted the following policy with respect to the revision and correction of data published in energy data reports and made available in a machine format:

1. All data collected by this office (excluding secondary source data) will be published as preliminary data when first appearing in an energy data report.
2. The next publication of the data will be in final form when the data base is closed.
3. Revisions or corrections will be made only in the event that a substantial (greater than 1 percent) reporting change is received or a substantial (greater than 1 percent) error is discovered.
4. Revisions or corrections to published secondary source data will be made if and when the organization from which the data were received revises or corrects the data.
5. No revisions will be made without the approval of the Director, Office of Coal, Nuclear, Electric and Alternate Fuels.

Erroneous data published in the *Inventory of Power Plants in the United States 1988* was revised at the national and regional levels in the *Electric Power Annual 1988* (DOE/EIA-0348(88)). The plant-generator specific revision is included in this publication: Orlando

Utilities Commission's Stanton Energy, unit 1, in Florida, is a bituminous (BTF) coal-fired unit. In the 1988 edition, it was mistakenly presented as petroleum-fired (FO2). This revision represents a change of 0.1 percent for coal-fired capability and -0.6 percent for petroleum-fired capability at the national level as published in the *Inventory of Power Plants in the United States 1988*.

### Confidentiality of the Data

Data collected on Form EIA-860 are not confidential.

### Obtaining Copies of Data

Upon EIA approval of the *Inventory of Power Plants in the United States*, the data become available for public use in computer-generated reports. These reports may be obtained by submitting a written request, along with a check for \$25 (payable to the U.S. Treasury) to the following address:

Energy Information Administration, EI-541  
Forrestal Building  
1000 Independence Avenue, SW  
U.S. Department of Energy  
Washington, DC 20585

These data are also available on machine-readable tapes. Tapes may be purchased by using Visa, Mastercard, or American Express cards, as well as money orders or checks payable to the National Technical Information Service (NTIS). Purchasers may also use NTIS and Government Printing Office depository accounts. To place an order, contact:

National Technical Information Service  
Office of Data Base Services  
U.S. Department of Commerce  
5285 Port Royal Road  
Springfield, Virginia 22161  
(703) 487-4650

### Explanatory Notes

#### U.S. Aggregates

Data from Form EIA-860 are submitted at the generator level. These data are then aggregated to provide totals by energy source (coal, petroleum, gas, water, nuclear, other) and geographic area (State, NERC region, Federal region, Census division). Additionally, at the national level data are aggregated to provide totals by prime mover.

#### NERC Aggregates

Beginning with the 1986 edition of *Inventory of Power Plants in the United States*, NERC region totals are aggregates based on company ownership of electric generating unit/capacity within region. That is, for each electric generating unit that is owned jointly by companies that are associated with different NERC regions, the unit along with the share of capacity for each owner company has been allocated to the companies' respective NERC regions. In issues prior to 1986, NERC region totals are aggregates based on the assignment of units/capacity to the NERC region with which the utility operating the unit is associated.

#### Net Summer Capability and Net Winter Capability Estimates

Estimated values for net summer capability and net winter capability for electric generating units were developed by use of a regression formula, using year-end 1984 data on net summer capability, net winter capability, and generator nameplate capacity of units in commercial operation. In all formulas,

the symbol, \*, is an operator meaning multiplied by; the symbol, \*\*, is an operator meaning raised to the specified power (exponent).

For nonnuclear units,

$$\text{Net Summer Capability} = E^{**}(i + (\ln(\text{Generator Nameplate Capacity}) * e)),$$

where

E, the base of natural logarithms (ln), is approximately 2.71828,

Generator Nameplate Capacity is expressed in megawatts,

i is the intercept, e is the regression coefficient,  
i = 0.02564, e = 0.98423, for steam units (Unit Type, ST)

i = -0.10255, e = 0.97841, for gas-turbine units (Unit Types, GT, JE)

i = -0.00397, e = 0.95914, for combined-cycle units (Unit Types, CA, CS, CW, CT)

i = -0.08865, e = 1.00966, for internal combustion units (Unit Type, IC)

i = -0.04963, e = 1.03738, for conventional and pipeline hydroelectric units (Unit Types, HC, HL)

i = -0.00922, e = 1.00630, for pumped-storage hydroelectric units (Unit Type, HR)

i = -0.02604, e = 0.98289, for all other units (Unit Types, FC, GE, OC, SP, SS, WT)

Net Winter Capability =  $(E^{**i}) * (\text{Generator Nameplate Capacity}^{**c})$ ,

where

E, the base of natural logarithms (ln), is approximately 2.71828.

Generator Nameplate Capacity is expressed in megawatts, for conventional hydroelectric and pipeline hydroelectric units, and in kilowatts for all other unit types.

i is the intercept, c is the regression coefficient,

i = 0.1614, c = 0.98373, for steam units (Unit Type, ST)

i = 0.2249, c = 0.97881, for gas-turbine units (Unit Types, GT, JE)

i = 0.9626, c = 0.90413, for combined-cycle units (Unit Types, CA, CS, CW, CT)

i = -0.1378, c = 1.02501, for internal combustion units (Unit Type, IC)

i = -0.0608, c = 1.02560, for conventional and pipeline hydroelectric units (Unit Types, HC, HL)

i = -0.1167, c = 1.08540, for pumped-storage hydroelectric units (Unit Type, HR)

i = 0.2859, c = 0.96587, for all other units (Unit Types, FC, GE, OC, SP, SS, WT).

### Generator Nameplate Capacity Estimates

Estimated values for generator nameplate capacity for proposed new generators were obtained by using the average ratio that existed between the nameplate capacity and summer capability of specific types of operable generators as of year-end 1988. Proposed new generators with no reported nameplate capacity are simple cycle gas turbine, combined cycle gas turbine and combined cycle steam generators. In the formulas that follow,

the symbol, \*, is an operator meaning multiplied by.

Generator Nameplate Capacity = Summer Capability \* 1.20009, for gas turbine generators (Unit Type = GT)

Generator Nameplate Capacity = Summer Capability \* 1.18918, for combine cycle gas turbine generators (Unit Type = CT)

Generator Nameplate Capacity = Summer Capability \* 1.14827, for combine cycle steam generators (Unit Type = CW)

### Generator Nameplate Capacity Versus Generator Capability

Generator nameplate capacity is determined by the generator manufacturer under specified test conditions normally conducted at the factory. The manufacturer stamps the achieved test capacity on the metal nameplate attached to the generator. Generator capability, on the other hand, is determined by the utility operating the generator, and is based on historical performance of the generator and associated equipment. Generator nameplate capacity and generator capability generally differ from each other because the test conditions used to establish the nameplate rating differ from those normally encountered in daily power plant operations. Different steam working pressures and temperatures, capacity limitations of boilers, cooling systems, turbines, and environmental control equipment, different hydrogen pressures used to cool the generator, and reliability considerations cause discrepancies between nameplate and operating capacity.

Generator nameplate capacity reflects the capability of the generator to generate electricity without regard to electrical loads from associated equipment such as boilers, particulate collectors, flue gas desulfurization units, and plant lighting. Generator nameplate capacity is therefore the gross capacity of the equipment. Net capability refers to the ability of the generator to generate electric power, taking into consideration the electrical requirements of associated plant equipment. For example, the electricity to run flue gas desulfurization equipment comes from electricity generated at the plant. Net, therefore, refers to the electricity available to be sent offsite (for consumption) after plant electrical loads have been satisfied.

Net summer and net winter capability (the capacity of the generator that is generally achievable during the summer and winter months, respectively, after plant electrical requirements have been satisfied) is determined by the utility operating the generator on the basis of historical performance of the generator and associated equipment. The summer and winter figures are usually not the same because of the differences in ambient temperatures during each season. Power plant cooling capacity, an essential part of electric power generation, decreases as air and water temperatures increase. Summer capability is therefore generally lower than winter capability, because high summer temperatures can strain power plant cooling capacity to the extent that maximum electric power generation cannot be achieved. The statistics cited in the narrative in this publication are based on net summer capability, unless specified otherwise.

## Estimates of Date of Initial Operation

Prior to 1986, date of initial operation was not collected on Form EIA-860. For units that started operation prior to 1986 with date of initial operation unknown, estimates were made.

The following assumptions are used to determine date of initial operation based on the date of initial commercial operation. Gas-turbine and internal combustion units are available to provide power to the grid 1 month prior to the date they are declared in commercial operation; a hydroelectric unit is available 3 months prior to commercial operation. For nonnuclear steam-electric generating units, a unit that started commercial operation prior to 1961 was available to provide power to the grid 1 month prior to commercial operation; a unit that started commercial operation between 1961 and 1970 was available to provide power to the grid 2 months prior to commercial operation; a unit that started commercial operation between 1971 and 1979 was available to provide power to the grid 3 months prior to commercial operation; a unit that started commercial operation after 1979 was available 4 months prior to commercial operation. If the month of initial commercial operation is not known, the year of initial commercial operation is the estimated initial year of operation.

## 6. Definitions of Terms

### Operable Capacity/Operable Units

Capacity/units that are operable, including those that are on standby and those that are out of service for an indefinite period of time.

### Year of Initial Operation

The year the unit became available to provide power to the grid; for a nuclear unit, the year of initial operation is the year in which the Nuclear Regulatory Commission issued the Full Power Operating License for the reactor.

### Generator Nameplate Capacity

The rating assigned by the generator manufacturer and appearing on the generator's nameplate.

### Planned Additions/Additional Units

Capacity/units scheduled for initial operation within 10 years of the reporting period of the publication, unless otherwise specified.

## Scheduled Completion

Current/Original: For projected generating unit additions, the estimated date the unit is scheduled to start generating electricity to the electrical grid, both the current date and the original scheduled date.

## Status

Operable: Units in operation (either active or in extended shutdown status) as of the end of the reporting year of this publication.

Projected: Units proposed to start operation within 10 years of the reporting period of this publication.

Low Power Testing (L.P.): For nuclear electric generating units only; unit is being tested at less than Full Power and is not considered operable.

Planned (P.L.): Projected for initial operation within 10 years of the reporting period, but not yet under construction.

Under Construction (C.O.): Projected for initial operation within 10 years of the reporting period; ground breaking or site preparation has begun.

Testing (T.S.): Unit is operable, in testing phase, but not yet in commercial operation.

## Summer Capability

The steady hourly output which generating equipment is expected to supply to system load exclusive of auxiliary power, as demonstrated by testing at the time of summer peak demand.

## Winter Capability

The steady hourly output which generating equipment is expected to supply to system load exclusive of auxiliary power as demonstrated by testing at the time of winter peak demand.

## Rounding Rules for Data

Given an  $n$  digit number with  $r$  digits to the left of the decimal and  $d + t$  digits in the fraction part, with  $d$  being the place to which the number is to be rounded and  $t$  being the remaining digits which will be truncated, this number is rounded to  $r + d$  digits by adding 5 to the  $(r + d + 1)$ th digit when the number is positive or by subtracting 5 when the number is negative. The  $t$  digits are then truncated at the  $(r + d + 1)$ th digit. The symbol for a rounded number truncated to zero is (\*).

### ***Use of the Glossary***

The terms in the Glossary have been defined for general use. Restrictions on the definitions as used in these data collection systems are included in each definition

when necessary to define the terms as they are used in this report.

# Appendix B

## Definitions of Table Codes



## Appendix B

# Definitions of Table Codes

**Table B1. Definitions of Energy Source Codes**

Energy Source Code	Definition
ANI	Anthracite Coal
BFG	Blast-Furnace Gas
BIT	Bituminous Coal
COG	Coke-Oven Gas
Coal (COL)	Coal (general)
COM	Coal-Oil Mixture
CRU	Crude Oil
CWM	Coal-Water Mixture
FO1	No. 1 Fuel Oil
FO2	No. 2 Fuel Oil
FO4	No. 4 Fuel Oil
FO5	No. 5 Fuel Oil
FO6	No. 6 Fuel Oil
GAS	Gas (general)
GST	Geothermal Steam
Jet Fuel (JF)	Jet Fuel
KER	Kerosene
LIG	Lignite
LNG	Liquefied Natural Gas
LPG	Liquid Propane Gas
MF	Multifueled
MTH	Methanol
Nat Gas (NG)	Natural Gas
PC	Petroleum Coko
PET	Petroleum (general)
PL	Plutonium
REF	Refuse, Bagasse, or any other nonwood waste
RG	Refinery Gas
RRO	Re-refined Motor Oil
SNG	Synthetic Natural Gas
STM	Steam
SUB	Subbituminous Coal
SUN	Sun
TOP	Top Crude Oil
UR	Uranium
Water (WAT)	Water
WD	Wood or Wood Waste
WH	Waste Heat
WND	Wind

**Table B2. Definitions of Energy Source Codes Used in the Summary Statistics**

Definition	Energy Source Codes
Nuclear	Uranium (UR), PL
Water	Water (WAT)
Petroleum	HRO, FO1, FO2, FO4, FO5, FO6, CRU, Jet Fuel (JF), KER, TOP, PET, PC
Coal	COAL, BIT, SUB, ANI, LIG
Gas	LNG, GAS, Nat Gas (NG), SNG, RG, BFG, COG, LPG
Other	All other energy sources not specified above.

**Table B3. Definitions of Unit Type Codes**

Unit Type Code	Definition
CA	Combined Cycle Steam Turbine with Supplementary Firing
CT	Combined Cycle Combustion Turbine
CS	Combined Cycle - Single Shaft
CW	Combined Cycle Steam Turbine with Only Waste Heat Capability
FC	Fuel Cell
GE	Steam Turbine - Geothermal
GT	Combustion (gas) Turbine
HC	Hydraulic Turbine - Conventional
HL	Hydraulic Turbine - Pipeline
HH	Hydraulic Turbine - Reversible (pumped storage)
IC	Internal Combustion (diesel)
JE	Jet Engine
NB	Steam Turbine - Boiling Water Nuclear Reactor
NC	Steam Turbine - Graphite Nuclear Reactor
NH	Steam Turbine - High Temperature Gas Nuclear Reactor
NP	Steam Turbine - Pressurized Water Nuclear Reactor
OC	Ocean Thermal Turbine
SP	Photovoltaic
SS	Steam Turbine - Solar
ST	Steam Turbine - Boiler
WT	Wind Turbine

**Table B4. Definitions of Unit Status Codes**

Unit Status Code	Definition
CD	Proposed new unit under construction
LP	Proposed new nuclear unit in Low Power Testing
OP	In commercial operation (operating or temporarily out of service for less than 365 days)
OS	In commercial operation, but is out of service for a period exceeding 365 days
PL	Proposed new unit, not yet under construction
SB	In commercial operation, in stand-by status (not normally used but available for service)
SC	In commercial operation, in cold stand-by status (deactivated, in long-term storage)
TS	New unit in testing, generating power to the grid, but not yet in commercial operation

**Table B5. State, Federal Region, NERC Region, and Census Division Cross Reference**

State	Federal Region	NERC Region	Census Division
Alabama	4	SEHC	East South Central
Alaska	10	ASCC	Pacific
Arizona	9	WSCC	Mountain
Arkansas	6	SPP	West South Central
California	9	WSCC	Pacific
Colorado	8	WSCC	Mountain
Connecticut	1	NPCC	New England
Delaware	3	MAAC	South Atlantic
Dist. of Col. <sup>1</sup>	3	MAAC	South Atlantic
Florida	4	SEHC	South Atlantic
Georgia	4	SEHC	Pacific
Hawaii	9	HCCG	Mountain
Idaho	10	WSCC	Mountain
Illinois	5	MAIN	East North Central
Indiana	5	ECAR	East North Central
Iowa	5	ECAR	West North Central
Kansas	7	MAPP	West North Central
Kentucky	7	SPP	East South Central
Louisiana	4	ECAR, SEHC	West South Central
Maine	6	SPP	New England
Maryland	1	NPCC	South Atlantic
Massachusetts	3	MAAC, ECAR	New England
Michigan	1	NPCC	New England
Minnesota	5	ECAR, MAIN	East North Central
Mississippi	5	MAPP	West North Central
Missouri	4	SEHC, SPP	East South Central
Montana	7	MAIN, SPP	West North Central
Nebraska	7	WSCC, MAPP	Mountain
Nevada	8	MAPP, WSCC	West North Central
New Hampshire	9	WSCC	Mountain
New Jersey	1	NPCC	New England
New Mexico	2	MAAC	Middle Atlantic
New York	6	WSCC, SPP	Mountain
North Carolina	2	NPCC	Middle Atlantic
North Dakota	4	SEHC	South Atlantic
Ohio	8	MAPP	West North Central
Oklahoma	8	ECAR	East North Central
Oregon	5	SPP	West South Central
Pennsylvania	6	WSCC	Pacific
Rhode Island	10	MAAC, ECAR	Middle Atlantic
South Carolina	3	NPCC	New England
South Dakota	1	NPCC	New England
Tennessee	4	SEHC	South Atlantic
Texas	4	MAPP, WSCC	West North Central
Utah	8	SEHC	East South Central
Vermont	4	ERCOT, SPP, WSCC	West South Central
Virginia	6	WSCC	Mountain
Washington	8	WSCC	Mountain
West Virginia	1	NPCC	New England
Wisconsin	3	SEHC, ECAR	South Atlantic
Wyoming	3	WSCC	Pacific

<sup>1</sup> Treated as a State in this publication.

# Appendix C

## Jointly Owned Electric Generating Units

## Appendix C

# Jointly Owned Electric Generating Units

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>Alabama</b>								
Alabama Power Co	GT4	15.8	GT	FO2	OP	1970		
E C Gaston (Shelby) .....	ST4	266.0	ST	BIT	OP	1962		
	1	259.1	ST	BIT	OP	1960		
	2	262.8	ST	BIT	OP	1960		
	3	260.0	ST	BIT	OP	1961		
							Alabama Power Co Georgia Power Co	50.00 50.00
Greene County (Greene) .....	1	255.8	ST	BIT	OP	1965		
	2	256.2	ST	BIT	OP	1966		
							Alabama Power Co Mississippi Power Co	60.00 40.00
<b>Alaska</b>								
Alaska Electric G & T Coop Inc	GT1	37.9	GT	FO2	OP	1985		
Soldotna (Kenai Peninsula) .....							Homer Electric Assn Inc Matanuska Electric Assn Inc	50.00 50.00
Ketchikan City of	1	11.3	HC	Water	OP	1984		
Swan Lake Hydro (Ketchikan Gateway)	2	11.3	HC	Water	OP	1984		
Kodiak Electric Assn Inc	1	11.3	HC	Water	OP	1984		
Terror Lake (Kodiak Island) .....	2	11.3	HC	Water	OP	1984		
							Alaska Energy Authority	100.00
<b>Arizona</b>								
Arizona Public Service Co	1	1221.0	NP	Uranium	OP	1985		
Palo Verde (Maricopa) .....	2	1221.0	NP	Uranium	OP	1986		
	3	1221.0	NP	Uranium	OP	1987		
							Arizona Public Service Co Salt River Proj Ag I & P Dist Southern California Edison Co El Paso Electric Co Public Service Co of NM Southern California P P A Los Angeles City of	29.10 17.49 15.80 15.80 10.20 5.91 5.70
Yuma Axis (Yuma) .....	1	75.0	ST	Nat Gas	OP	1959		

See footnotes at end of table.

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>Arizona</b>								
Arizona Public Service Co								
							Arizona Public Service Co	33.34
							Southern California Edison Co	33.33
							Imperial Irrigation District	33.33
Century Power Corp								
Springerville (Apache)	0002	360.0	ST	SUB	CO	1990		
	1	360.0	ST	SUB	OP	1985	Tucson Electric Power Co	100.00
							Philip Morris Credit Corp	43.07
							U S West Financial Service Inc	14.14
							Chrysler Capital Lease Svc Inc	17.68
							Northern Leasing Co Inc	10.61
							Cilcorp Lease Management Inc	7.43
							lor Capital Inc	7.07
Salt River Proj Ag I & P Dist								
Coronado (Apache)	CO1	350.0	ST	BIT	OP	1979		
Navajo (Coconino)	NAV1	750.0	ST	SUB	OP	1974	Salt River Proj Ag I & P Dist	100.00
	NAV2	750.0	ST	SUB	OP	1975		
	NAV3	750.0	ST	SUB	OP	1976		
							Salt River Proj Ag I & P Dist	21.70
							Arizona Public Service Co	14.00
							Tucson Electric Power Co	7.50
							Los Angeles City of	21.20
							Nevada Power Co	11.30
							Bureau of Reclamation	24.30
<b>Arkansas</b>								
Arkansas Power & Light Co								
Independence (Independence)	1	836.0	ST	SUB	OP	1982		
	2	842.0	ST	SUB	OP	1984		
							Arkansas Electric Coop Corp	35.00
							Arkansas Power & Light Co	31.50
							Mississippi Power & Light Co	25.00
							Jonesboro Town of	5.00
							Conway Corp	2.00
							West Memphis City of	1.00
							Osceola City of	0.50
White Bluff (Jefferson)	1	815.0	ST	SIJB	OP	1980		
	2	844.0	ST	SUB	OP	1981		
							Arkansas Power & Light Co	57.00
							Arkansas Electric Coop Corp	35.00
							Jonesboro Town of	5.00
							Conway Corp	2.00
							West Memphis City of	1.00
Southwestern Electric Power Co								
Flint Creek (Benton)	1	480.0	ST	SUB	OP	1978		
							Southwestern Electric Power Co	50.00
							Arkansas Electric Coop Corp	50.00
<b>California</b>								
California Dept-Wtr Resources								
San Luis (Merced)	1	51.0	HR	Water	OP	1968		
	2	50.0	HR	Water	OP	1967		
	3	50.0	HR	Water	OP	1967		
	4	50.0	HR	Water	OP	1967		
	5	50.0	HR	Water	OP	1967		
	6	50.0	HR	Water	OP	1967		
	7	50.0	HR	Water	OP	1967		
	8	50.0	HR	Water	OP	1966		
							California Dept-Wtr Resources	55.00
							Bureau of Reclamation	45.00

See footnotes at end of table.

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>California</b>								
Modesto Irrigation District New Hogan (Calaveras)	NA1	2.0	HC	Water	OP	1986	Calaveras County Water Dist	100.00
	NA2	1.0	HC	Water	OP	1986		
Oakdale & South San Joaquin Sand Bar (Tuolumne)	1	16.2	HC	Water	OP	1986	Tri-Dam Power Authority	100.00
Sacramento Municipal Util Dist Camp Far West (Placer)	1	6.8	HC	Water	OP	1985	South Sutter Water District	100.00
Coldwater Creek (Sonoma)	GE1	59.0	GE	GST	OP	1988	Sacramento Municipal Util Dist Modesto Irrigation District Santa Clara City of	50.00
	GE2	59.0	GE	GST	OP	1988		40.00
Southern California Edison Co San Onofre (San Diego)	1	436.0	NP	Uranium	OP	1967	Southern California Edison Co San Diego Gas & Electric Co	80.00
								20.00
	2	1070.0	NP	Uranium	OP	1982	Southern California Edison Co San Diego Gas & Electric Co Anaheim City of Riverside City of	75.05
3	1080.0	NP	Uranium	OP	1983	20.00		
Turlock Irrigation District Don Pedro (Tuolumne)	1	55.0	HC	Water	OP	1970	Turlock Irrigation District Modesto Irrigation District	68.46
	2	55.0	HC	Water	OP	1971		
	3	55.0	HC	Water	OP	1971		
	4	38.2	HC	Water	OP	1989		
<b>Colorado</b>								
Contel Corp W N Clark (Fremont)	1	19.0	ST	BIT	OP	1955	Colorado-Ute Electric Assn Inc	100.00
Colorado-Ute Electric Assn Inc Craig (Moffat)	1	428.0	ST	BIT	OP	1980	Colorado-Ute Electric Assn Inc Salt River Proj Ag I & P Dist Tri-State G & T Assn Inc Platte River Power Authority	29.00
	2	428.0	ST	BIT	OP	1979		29.00
Hayden (Routt)	2	262.0	ST	BIT	OP	1976	Colorado-Ute Electric Assn Inc Salt River Proj Ag I & P Dist	50.00
								50.00
<b>Connecticut</b>								
Connecticut Yankee Atom Pwr Co Haddam Neck (Middlesex)	1	565.0	NP	Uranium	OP	1967	Connecticut Light & Power Co Public Service Co of NH New England Power Co Boston Edison Co United Illuminating Co Western Massachusetts Elec Co Central Maine Power Co Cambridge Electric Light Co Montaup Electric Co Central Vermont Pub Serv Corp	34.50 5.00 15.00 9.50 9.50 9.50 6.00 4.50 4.50 2.00

See footnotes at end of table.

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>Connecticut</b>								
Northeast Nuclear Energy Co Millstone (New London)	1	652.0	NB	Uranium	OP	1970		
	2	862.9	NP	Uranium	OP	1975		
	3	1137.0	NP	Uranium	OP	1996	Connecticut Light & Power Co Western Massachusetts Elec Co	81.00 19.00
							Connecticut Light & Power Co Western Massachusetts Elec Co New England Power Co Small Mun & Coop Massachusetts Mun Whls Elec Co Montaup Electric Co United Illuminating Co Public Service Co of NH Central Maine Power Co Central Vermont Pub Serv Corp	52.93 12.24 12.20 3.05 4.80 4.01 3.69 2.85 2.50 1.73
United Illuminating Co New Haven Harbor (New Haven)	1	447.0	ST	FO6	OP	1975	United Illuminating Co Fitchburg Gas & Elec Light Co Holyoke City of North Attleborough Town of Littleton Town of	93.71 4.50 1.12 0.45 0.22
<b>Florida</b>								
Florida Power & Light Co St Lucie (St Lucie)	2	839.0	NP	Uranium	OP	1983	Florida Power & Light Co Florida Municipal Power Agency Orlando City of	85.11 8.81 6.08
							Florida Power Corp Crystal River (Citrus)	3
Jacksonville Electric Auth St Johns River Power (Duval)	1	624.0	ST	BIT	OP	1986		
	2	624.0	ST	BIT	OP	1988	Jacksonville Electric Auth Florida Power & Light Co	50.00 50.00
Lakeland City of C. D. McIntosh Jr (Polk)	3	332.0	ST	BIT	OP	1982	Lakeland City of Orlando City of	60.00 40.00
Orlando Utilities Comm Indian River (Brevard)	CT1	38.3	GT	Nat Gas	OP	1989		
	CT2	38.3	GT	Nat Gas	OP	1989	Orlando Utilities Comm Florida Municipal Power Agency Kissimmee Utility Authority	48.80 39.00 12.20
Stanton Energy (Orange)	1	438.0	ST	BIT	OP	1987	Orlando Utilities Comm Florida Municipal Power Agency Kissimmee Utility Authority	68.55 26.63 4.82
Seminole Electric Coop Inc Seminole (Putnam)	2	615.0	ST	BIT	OP	1984	Connecticut Bank & Trust Co	100.00

See footnotes at end of table.



**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>Georgia</b>								
Georgia Power Co Edwin I Hatch (Appling) .....	1	759.2	NB	Uranium	OP	1974	Georgia Power Co Oglethorpe Power Corp Municipal Electric Authority Dalton City of	50.10
	2	770.5	NB	Uranium	OP	1978		30.00
Scherer (Monroe) .....	1	839.0	ST	BIT	OP	1981	Oglethorpe Power Corp Municipal Electric Authority Georgia Power Co Dalton City of	17.70
	2	844.4	ST	BIT	OP	1983		2.20
	3	848.1	ST	BIT	OP	1986		60.00
Vogtle (Burke) .....	1	1087.0	NP	Uranium	OP	1987	Georgia Power Co Oglethorpe Power Corp Municipal Electric Authority Dalton City of	30.20
	2	1086.3	NP	Uranium	OP	1989		8.40
Wansley (Heard) .....	1	849.3	ST	BIT	OP	1976	Georgia Power Co Oglethorpe Power Corp Municipal Electric Authority Dalton City of	1.40
	2	847.1	ST	BIT	OP	1978		75.00
	5A	42.6	GT	FO2	OP	1980		25.00
Fall River Rural Elec Coop Inc New Felt (Teton) .....	HC1	5.5	HC	Water	OP	1985	Cdm Hydroelectric Co	45.70
	HC2	0.0	HC	Water	OP	1985		30.00
<b>Illinois</b>								
Commonwealth Edison Co Quad Cities (Rock Island) .....	1	769.0	NB	Uranium	OP	1972	Commonwealth Edison Co Iowa-Illinois Gas&Electric Co	22.70
	2	769.0	NB	Uranium	OP	1972		1.60
Electric Energy Inc Joppa Steam (Massac) .....	1	1014.0	ST	BIT	OP	1953	Union Electric Co Illinois Power Co Kentucky Utilities Co Central Illinois Pub Serv Co	40.00
	2	0.0	ST	BIT	OP	1953		20.00
	3	0.0	ST	BIT	OP	1954		20.00
	4	0.0	ST	BIT	OP	1954		20.00
	5	0.0	ST	BIT	OP	1955		
	6	0.0	ST	BIT	OP	1955		
Illinois Power Co Clinton (De Witt) .....	1	930.0	NB	Uranium	OP	1987	Illinois Power Co Soyland Power Coop Inc	86.79 13.21
<b>Indiana</b>								
Indiana Michigan Power Co Rockport (Spencer) .....	1	1300.0	ST	BIT	OP	1984	AEP Generating Co	50.00
	2	1300.0	ST	BIT	OP	1989		

See footnotes at end of table.

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>Indiana</b>								
Indiana Michigan Power Co							Indiana Michigan Power Co Kentucky Power Co	35.00 15.00
Public Service Co of IN Inc Gibson (Gibson)	5	620.0	ST	BIT	OP	1982	Public Service Co of IN Inc Small Mun & Coop	50.10 49.90
Southern Indiana Gas & Elec Co Warrick (Warrick)	4	270.0	ST	BIT	OP	1970	Southern Indiana Gas & Elec Co Alcoa Generating Corp	50.00 50.00
<b>Iowa</b>								
Central Iowa Power Coop Fair Station (Muscatine)	1 2	23.5 41.5	ST ST	BIT BIT	OP OP	1959 1967	Eastern Iowa Light & Power Coop	100.00
Iowa Electric Light & Power Co Duano Arnold (Linn)	1	520.0	NB	Uranium	OP	1974	Iowa Electric Light & Power Co Central Iowa Power Coop Corn Belt Power Coop	70.00 20.00 10.00
Prairie Crook (Linn)	1 2 3	22.0 22.0 49.0	ST ST ST	Nat Gas Nat Gas BIT	OS OP OP	1950 1951 1958	Central Iowa Power Coop	100.00
Iowa Power Inc Council Bluffs (Pottawattamie)	3	675.0	ST	SUB	OP	1978	Iowa Power Inc. Iowa-Illinois Gas & Electric Co Central Iowa Power Coop Corn Belt Power Coop Cedar Falls City of Atlantic City of	46.70 32.40 11.50 3.80 3.10 2.50
Iowa Public Service Co George Neal (Woodbury)	3	515.0	ST	BIT	OP	1975	Iowa-Illinois Gas & Electric Co Iowa Southern Utilities Co Iowa Power Inc Iowa Public Service Co	29.00 28.00 23.00 20.00
	4	600.0	ST	BIT	OP	1979	Iowa Public Service Co Interstate Power Co Northwest Iowa Power Coop Northwestern Public Service Co Corn Belt Power Coop Algona City of Webster City City of Cedar Falls City of Spencer City of Small Mun & Coop	40.57 21.53 9.03 8.68 9.03 2.93 2.60 2.50 1.22 1.91
Iowa Southern Utilities Co Ottumwa (Wapello)	1	675.0	ST	SUB	OP	1981	Iowa Southern Utilities Co Iowa Public Service Co Iowa-Illinois Gas & Electric Co Iowa Power Inc Iowa Electric Light & Power Co	33.00 18.50 18.50 15.00 15.00

See footnotes at end of table.

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>Iowa</b>								
Iowa-Illinois Gas&Electric Co Loulisa (Loulisa)	1	650.0	ST	GUB	OP	1983	Iowa-Illinois Gas&Electric Co Iowa Power Inc Iowa Public Service Co Central Iowa Power Coop Interstate Power Co Waverly City of Small Mun & Coop	43.00 30.50 14.50 4.00 4.00 1.10 2.30
<b>Kansas</b>								
Kansas City Power & Light Co La Cygne (Linn)	1 2	686.0 640.0	ST ST	BIT SUB	OP OP	1973 1977	Kansas Gas & Electric Co Kansas City Power & Light Co	50.00 50.00
Kansas Power & Light Co Joffrey Energy Centr (Pottawatomio)	1 2 3	664.0 672.0 684.0	ST ST ST	SUB SUB SUB	OP OP OP	1978 1980 1983	Kansas Power & Light Co Kansas Gas & Electric Co UtilCorp United Inc Contel Corp	64.00 20.00 8.00 8.00
Wolf Creek Nuclear Oper Corp Wolf Creek (Coffey)	1	1135.0	NP	Uranium	OP	1985	Kansas Gas & Electric Co Kansas City Power & Light Co Small Mun & Coop	47.00 47.00 6.00
<b>Kentucky</b>								
Big Rivers Electric Corp HMP&L Station 2 (Henderson)	1 2	154.0 161.0	ST ST	BIT BIT	OP OP	1973 1974	Henderson City of	100.00
Cincinnati Gas & Electric Co East Bend (Boone)	2	600.0	ST	BIT	OP	1980	Cincinnati Gas & Electric Co Dayton Power & Light Co	69.00 31.00
<b>Louisiana</b>								
Cajun Electric Power Coop Inc Big Cajun 2 (Pointe Coupee)	3	540.0	ST	SUB	OP	1983	Cajun Electric Power Coop Inc Gulf States Utilities Co	58.00 42.00
Central Louisiana Elec Co Inc Dolel Hills (De Soto)	1	650.0	ST	LIG	OP	1985	Southwestern Electric Power Co Central Louisiana Elec Co Inc	50.00 50.00
Rodemacher (Rapides)	2	523.0	ST	SUB	OP	1982	Lafayette Public Power Auth Central Louisiana Elec Co Inc Louisiana Energy & Power Auth	50.00 30.00 20.00
Gulf States Utilities Co R S Nelson (Calcasieu)	1 2	100.0 100.0	ST ST	Nat Gas Nat Gas	OP OP	1959 1959	Citgo Petroleum Corp Conoco Inc Vista Chemical Co Gulf States Utilities Co	49.50 36.10 13.40 1.00
	6	570.0	ST	SUB	OP	1982		

See footnotes at end of table.

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>Louisiana</b>								
Gulf States Utilities Co								
River Bend (West Feliciana)	1	936.0	NB	Uranium	OP	1985	Gulf States Utilities Co Sam Rayburn G & T Inc Small Mun & Coop Gulf States Utilities Co Cajun Electric Power Coop Inc	70.00 10.00 20.00 70.00 30.00
<b>Maine</b>								
Central Maine Power Co William F Wyman (Cumberland)	4	614.5	ST	FOB	OP	1978	Central Maine Power Co Small Mun & Coop New England Power Co Bangor Hydro-Electric Co Boston Edison Co Maine Public Service Co Public Service Co of NH	59.15 10.87 9.27 8.33 5.89 3.35 3.14
<b>Maryland</b>								
Polomac Electric Power Co SMECO CF (Prince Georges)	1	68.9	GT	FO2	CO	1990	Southern Maryland El Coop Inc	100.00
<b>Massachusetts</b>								
Canal Electric Co Canal (Barnstable)	2	580.0	ST	FO6	OP	1976	Canal Electric Co Montaup Electric Co	50.00 50.00
Massachusetts Mun Whls Elec Co Story Brook (Hampden)	CT1 CW1	195.0 100.0	GT CW	FO2 WH	OP OP	1981 1981	Massachusetts Mun Whls Elec Co Green Mountain Power Corp Lyndonville Village of	90.76 8.80 0.44
Western Massachusetts Elec Co Northfield Mountain (Franklin)	1 2 3 4	270.0 270.0 270.0 270.0	HR HR HR HR	Water Water Water Water	OP OP OP OP	1972 1973 1973 1972	Connecticut Light & Power Co Western Massachusetts Elec Co	81.00 19.00
Yankee Atomic Electric Co Yankee Rowe (Franklin)	1	167.0	NP	Uranium	OP	1960	New England Power Co Connecticut Light & Power Co Public Service Co of NH Boston Edison Co Commonwealth Electric Co Western Massachusetts Elec Co Montaup Electric Co Central Maine Power Co Central Vermont Pub Serv Corp Cambridge Electric Light Co	30.00 24.50 7.00 9.50 2.50 7.00 4.50 9.50 3.50 2.00
<b>Michigan</b>								
Consumers Power Co J H Campbell (Ottawa)	3	787.0	ST	BIT	OP	1980	Consumers Power Co Michigan Public Power Agency Wolverine Pwr Supply Coop Inc	93.31 4.80 1.89
Ludington (Mason)	1	312.0	HR	Water	OP	1972		

See footnotes at end of table.

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>Michigan</b>								
Consumers Power Co	2	312.0	HR	Water	OP	1973	Consumers Power Co Detroit Edison Co	51.00 49.00
	3	312.0	HR	Water	OP	1973		
	4	312.0	HR	Water	OP	1973		
	5	312.0	HR	Water	OP	1973		
	6	312.0	HR	Water	OP	1973		
Detroit Edison Co Belle River (St Clair)	ST1	635.0	ST	SUB	OP	1984	Detroit Edison Co Michigan Public Power Agency	81.39 18.61
	ST2	645.0	ST	SUB	OP	1985		
Fermi (Monroe)	2	1093.0	NB	Uranium	OP	1985	Detroit Edison Co Wolverine Power Corp	80.00 20.00
Traverse City City of Elk Rapids (Antrim)	3	0.2	HC	Water	OP	1984	Antrim County	100.00
	4	0.2	HC	Water	OP	1984		
<b>Minnesota</b>								
Northern States Power Co Sherburne County (Sherburne)	3	855.0	ST	SUB	OP	1987	Northern States Power Co Small Mun & Coop	59.00 41.00
Owatonna City of Owatonna (Steele)	7	16.1	GT	Nat Gas	SB	1982	Owatonna City of	100.00
<b>Mississippi</b>								
Mississippi Power Co Victor J Daniel Jr (Jackson)	1	515.1	ST	BIT	OP	1977	Mississippi Power Co Gulf Power Co	50.00 50.00
	2	514.3	ST	BIT	OP	1981		
System Energy Resources Inc Grand Gulf (Claborne)	1	1142.0	NB	Uranium	OP	1984	System Energy Resources Inc South Mississippi El Pwr Assn	90.00 10.00
<b>Missouri</b>								
Kansas City Power & Light Co Iatan (Platte)	1	670.0	ST	SUB	OP	1980	Kansas City Power & Light Co St Joseph Light & Power Co Empire District Electric Co	70.00 18.00 12.00
<b>Montana</b>								
Montana Power Co Colstrip (Rosebud)	1	330.0	ST	BIT	OP	1975	Montana Power Co Puget Sound Power & Light Co Montana Power Co Puget Sound Power & Light Co Portland General Electric Co Washington Water Power Co Pacific Power & Light Co	50.00 50.00 30.00 25.00 20.00 15.00 10.00
	2	330.0	ST	BIT	OP	1976		
	3	700.0	ST	BIT	OP	1983		
	4	700.0	ST	BIT	OP	1985		

See footnotes at end of table.

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>Montana</b>								
Montana Power Co								
							Small Mun & Coop	30.00
							Paget Sound Power & Light Co	25.00
							Portland General Electric Co	20.00
							Washington Water Power Co	15.00
							Pacific Power & Light Co	10.00
<b>Nevada</b>								
Nevada Power Co								
Harry Allon (Clark)	1	250.0	ST	BIT	PL	1997		
	2	250.0	ST	BIT	PL	1998		
	3	250.0	ST	BIT	PL	1999		
							Nevada Power Co	50.00
Roid Gardner (Clark)	4	250.0	ST	BIT	OP	1983	Ownership Uncommitted	50.00
							California Dept-Wtr Resources	67.80
White Pine Station (White Pine)	1	750.0	ST	BIT	PL	1984	Nevada Power Co	32.20
	2	750.0	ST	BIT	PL	1995		
							Ownership Uncommitted	100.00
Sierra Pacific Power Co								
North Valmy (Humboldt)	1	258.0	ST	SUB	OP	1981		
	2	274.0	ST	SUB	OP	1985		
							Idaho Power Co	50.00
							Sierra Pacific Power Co	50.00
Southern California Edison Co								
Mohave (Clark)	1	790.0	ST	SUB	OP	1970		
	2	790.0	ST	SUB	OP	1971		
							Southern California Edison Co	58.00
							Los Angeles City of	20.00
							Nevada Power Co	14.00
							Salt River Proj Ag I & P Dist	10.00
<b>New Hampshire</b>								
Public Service Co of NH								
Seabrook (Rockingham)	1	1150.0	NP	Uranium	LP	1980		
							Public Service Co of NH	35.57
							United Illuminating Co	17.50
							Massachusetts Mun Whols Elec Co	11.59
							New England Power Co	9.98
							Connecticut Light & Power Co	4.08
							Canal Electric Co	3.52
							Montaup Electric Co	2.90
							Eastern Utilities Associates	12.13
							New Hampshire Elec Coop Inc	2.17
							Small Mun & Coop	0.59
<b>New Jersey</b>								
GPU Nuclear Corp								
Oyster Creek (Ocean)	1	620.0	NB	Uranium	OP	1969		
							Jersey Central Power&Light Co	100.00
Jersey Central Power&Light Co								
Yards Creek (Warren)	1	110.0	HR	Water	OP	1965		
	2	110.0	HR	Water	OP	1965		
	3	110.0	HR	Water	OP	1965		
							Jersey Central Power&Light Co	50.00
							Public Service Electric&Gas Co	50.00
Public Service Electric&Gas Co								
Hope Creek (Salem)	1	1031.0	NB	Uranium	OP	1986		
							Public Service Electric&Gas Co	95.00
Salem (Salem)	GT3	38.0	GT	FO2	OP	1971	Atlantic City Electric Co	5.00

See footnotes at end of table

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>New Jersey</b>								
Public Service Electric & Gas Co							Public Service Electric & Gas Co	42.50
							Philadelphia Electric Co	42.50
							Delmarva Power & Light Co	7.40
							Atlantic City Electric Co	7.41
	1	1108.0	NP	Uranium	OP	1970		
	2	1108.0	NP	Uranium	OP	1981		
							Public Service Electric & Gas Co	42.50
							Philadelphia Electric Co	42.50
							Delmarva Power & Light Co	7.41
							Atlantic City Electric Co	7.41
<b>New Mexico</b>								
Arizona Public Service Co Four Corner (San Juan)	4	739.0	ST	BIT	OP	1969		
	5	739.0	ST	BIT	OP	1970		
							Southern California Edison Co	48.00
							Arizona Public Service Co	15.00
							Public Service Co of NM	13.00
							Salt River Proj Ag I & P Dist	10.00
							El Paso Electric Co	7.00
							Tucson Electric Power Co	7.00
Public Service Co of NM San Juan (San Juan)	1	316.0	ST	BIT	OP	1976		
	2	312.0	ST	BIT	OP	1973		
							Public Service Co of NM	50.00
							Tucson Electric Power Co	50.00
	3	488.0	ST	BIT	OP	1979		
							Public Service Co of NM	50.00
							Century Power Corp	50.00
	4	498.0	ST	BIT	OP	1981		
							Public Service Co of NM	55.52
							Small Mun & Coop	28.80
							Farmington City of	8.48
							Los Alamos County	7.20

See footnotes at end of table.

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>New York</b>								
Central Hudson Gas & Elec Corp Roseton (Orange)	1	800.0	SI	FOB	OP	1974	Consolidated Edison Co-NY Inc Central Hudson Gas & Elec Corp Niagara Mohawk Power Corp	40.00 35.00 25.00
	2	800.0	SI	FOB	OP	1974		
Hydro Development Group Inc Coponhagon (Lewis)	1	1.5	HC	Water	OP	1984	Coponhagon Associates	100.00
	2	1.5	HC	Water	OP	1984		
	3	0.3	HC	Water	OP	1984		
Pyrilos 1 (St Lawrence) Pyrilos 2 (St Lawrence)	1	1.2	HC	Water	OP	1948	Pyrilos Associates	100.00
	2	3.5	HC	Water	OP	1985		
Niagara Mohawk Power Corp Booboo Island (Jefferson)	1	3.3	HC	Water	OP	1968	Hydra-co Enterprises Inc	100.00
	2	3.3	HC	Water	OP	1963		
Nine Mile Point (Oswego)	2	1072.0	NB	Uranium	OP	1987	Niagara Mohawk Power Corp New York State Elec & Gas Corp Long Island Lighting Co Rochester Gas & Electric Corp Central Hudson Gas & Elec Corp	41.00 18.00 18.00 14.00 9.00
						1987		
Oswego (Oswego)	SI6	850.0	SI	FOB	OP	1980	Niagara Mohawk Power Corp Rochester Gas & Electric Corp	70.00 24.00
						1980		
Orango & Rockland Utils Inc Bowling Point (Rockland)	1	605.0	SI	FOB	OP	1972	Consolidated Edison Co-NY Inc Orango & Rockland Utils Inc	07.00 33.00
	2	605.4	SI	FOB	OP	1974		
<b>North Carolina</b>								
Carolina Power & Light Co Brunswick (Brunswick)	1	790.0	NB	Uranium	OP	1976	Carolina Power & Light Co North Carolina Eastern M P A	81.87 18.33
	2	790.0	NB	Uranium	OP	1975		
Harris (Wake) Mayo (Person)	1	860.0	NP	Uranium	OP	1987	Carolina Power & Light Co North Carolina Eastern M P A	83.83 16.17
	1	745.0	SI	BIT	OP	1982		
Boxboro (Person)	4	700.0	SI	BIT	OP	1980	Carolina Power & Light Co North Carolina Eastern M P A	87.06 12.94
						1980		
<b>North Dakota</b>								
Coop Power Assn Coal Creek (McLean)	1	465.5	SI	LIG	OP	1979	United Power Assn Coop Power Assn	44.00 56.00
	2	465.5	SI	LIG	OP	1981		
Minnkota Power Coop Inc Milton R Young (Oliver)	2	408.0	SI	LIG	OP	1977	Minnesota Power & Light Co Minnkota Power Coop Inc	70.00 30.00
						1977		
Montana-Dakota Utilities Co Coyote (Morcot)	1	421.0	SI	LIG	OP	1981	Ollor Tail Power Co Minnkota Power Coop Inc	35.00 30.00
						1981		

See footnotes at end of table



**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>North Dakota</b>								
Montana-Dakota Utilities Co							Montana-Dakota Utilities Co	25.00
							Northwestern Public Service Co	10.00
<b>Ohio</b>								
Cardinal Operating Co Cardinal (Jefferson)	1	585.0	SI	BIT	OP	1966	Ohio Power Co	100.00
	2	585.0	SI	BIT	OP	1967		
	3	630.0	SI	BIT	OP	1977	Bluekovo Power Inc	100.00
Cincinnati Gas & Electric Co Miami Fort (Hamilton)	7	500.0	SI	BIT	OP	1975	Cincinnati Gas & Electric Co Dayton Power & Light Co	64.00 36.00
	8	500.0	SI	BIT	OP	1977		
W H Zimmer (Clermont)	SI1	1286.0	SI	BIT	CO	1991	Cincinnati Gas & Electric Co Dayton Power & Light Co Columbus Southern Power Co	46.50 28.10 25.40
Walter C Beckford (Clermont)	6	414.0	SI	BIT	OP	1969	Dayton Power & Light Co Cincinnati Gas & Electric Co Columbus Southern Power Co	50.00 37.50 12.50
Cleveland Electric Illum Co Eastlake (Lake)	5	646.0	SI	BIT	OP	1972	Cleveland Electric Illum Co Duquesne Light Co	68.80 31.20
Perry (Lake)	1	1185.0	NB	Uranium	OP	1986	Ohio Edison Co Cleveland Electric Illum Co Toledo Edison Co Duquesne Light Co	35.24 31.11 19.91 13.74
Columbus Southern Power Co Conesville (Coshocton)	4	780.0	SI	BIT	OP	1973	Columbus Southern Power Co Cincinnati Gas & Electric Co Dayton Power & Light Co	43.50 40.00 16.50
Dayton Power & Light Co J M Stuart (Adams)	IC1	2.8	IC	FO2	OP	1969	Cincinnati Gas & Electric Co Dayton Power & Light Co Columbus Southern Power Co	39.00 35.00 26.00
	IC2	2.8	IC	FO2	OP	1969		
	IC3	2.8	IC	FO2	OP	1969		
	IC4	2.8	IC	FO2	OP	1971		
	1	585.0	SI	BIT	OP	1970		
	2	585.0	SI	BIT	OP	1972		
	3	585.0	SI	BIT	OP	1972		
	4	585.0	SI	BIT	OP	1974		
Killon Station (Adams)	2	600.0	SI	BIT	OP	1982	Dayton Power & Light Co Cincinnati Gas & Electric Co	67.00 33.00
Ohio Edison Co Edgewater (Lorain)	G1A	19.0	GT	FO2	OP	1973	Ohio Edison Co Pennsylvania Power Co	86.00 14.00
	G1B	19.0	GT	FO2	OP	1973		
Mad River (Clark)	G1A	25.0	GT	FO2	OP	1972		
	G1B	25.0	GT	FO2	OP	1972		
Niles (Mahoning)	G1A	25.0	GT	FO2	OP	1972		
	A1	2.3	IC	FO2	OP	1972		
R F Burger (Holmont)	B1	2.3	IC	FO2	OP	1972		

See footnotes at end of table

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>Ohio</b>								
Ohio Edison Co								
W H Sammis (Jefferson)	B2	2.0	IC	FO2	OP	1972		
	A1	2.0	IC	FO2	OP	1972		
	B1	2.0	IC	FO2	OP	1972		
	B2	2.0	IC	FO2	OP	1972		
	B3	2.0	IC	FO2	OP	1972		
	B4	2.0	IC	FO2	OP	1972		
	7	800.0	ST	BIT	OP	1971	Ohio Edison Co Pennsylvania Power Co	85.60 14.40
West Lorain (Lorain)	1A	51.0	CT	FO2	SC	1983	Ohio Edison Co Duquesne Light Co Pennsylvania Power Co	48.00 31.20 20.80
	1B	51.0	CT	FO2	SC	1973		
	1C	64.0	CA	WH	SC	1974		
							Ohio Edison Co Pennsylvania Power Co	85.00 15.00
Toledo Edison Co Davis-Besse (Ottawa)	1	856.0	NP	Uranium	OP	1977		
							Cleveland Electric Illum Co Toledo Edison Co	51.38 48.62
<b>Oklahoma</b>								
Grand River Dam Authority GRDA (Mayes)	2	520.0	ST	BIT	OP	1986		
							Grand River Dam Authority KAMO Electric Coop Inc	62.00 38.00
<b>Oregon</b>								
Portland General Electric Co Boardman (Morrow)	1	530.0	ST	SUB	OP	1980		
							Portland General Electric Co Idaho Power Co Pacific Northwest Generatg Co General Electric Credit Corp	65.00 10.00 10.00 15.00
Trojan (Columbia)	1	1104.0	NP	Uranium	OP	1975		
							Portland General Electric Co Eugene City of Pacific Power & Light Co	67.50 30.00 2.50
<b>Pennsylvania</b>								
Duquesne Light Co Beaver Valley (Beaver)	1	810.0	NP	Uranium	OP	1976		
							Duquesne Light Co Ohio Edison Co Pennsylvania Power Co	47.50 35.00 17.50
	2	833.0	NP	Uranium	OP	1987		
							Ohio Edison Co Cleveland Electric Illum Co Toledo Edison Co Duquesne Light Co	41.88 24.47 19.91 13.74
GPU Nuclear Corp Three Mile Island (Dauphin)	1	808.0	NP	Uranium	OP	1974		
							Metropolitan Edison Co Pennsylvania Electric Co Jersey Central Power & Light Co	50.00 25.00 25.00
Pennsylvania Electric Co Conemaugh (Indiana)	A	2.7	IC	FO2	OP	1970		
	B	2.7	IC	FO2	OP	1970		
	C	2.7	IC	FO2	OP	1970		
	D	2.7	IC	FO2	OP	1970		
	1	850.0	ST	BIT	OP	1970		

See footnotes at end of table.

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>Pennsylvania</b>								
Pennsylvania Electric Co	2	850.0	ST	BIT	OP	1971	Public Service Electric&Gas Co	22.50
							Philadelphia Electric Co	20.72
							Metropolitan Edison Co	16.45
							Pennsylvania Power & Light Co	11.39
							Baltimore Gas & Electric Co	10.56
							Polomac Electric Power Co	9.72
							Atlantic City Electric Co	3.83
Delmarva Power & Light Co	3.72							
UGI Corp	1.11							
Homer City (Indiana)	1	620.0	ST	BIT	OP	1969		
	2	614.0	ST	BIT	OP	1969		
	3	650.0	ST	BIT	OP	1977	Pennsylvania Electric Co	50.00
							New York State Elec & Gas Corp	50.00
Keystone (Armstrong)	1	850.0	ST	BIT	OP	1967		
	2	850.0	ST	BIT	OP	1968		
	3	2.7	IC	FO2	OP	1968		
	4	2.7	IC	FO2	OP	1968		
	5	2.7	IC	FO2	OP	1968		
	6	2.7	IC	FO2	OP	1968		
							Public Service Electric&Gas Co	22.84
							Philadelphia Electric Co	20.99
							Baltimore Gas & Electric Co	20.99
							Jersey Central Power&Light Co	16.67
							Pennsylvania Power & Light Co	12.34
							Delmarva Power & Light Co	3.70
							Atlantic City Electric Co	2.47
Seneca (Warren)	1	175.0	HR	Water	OP	1969		
	2	175.0	HR	Water	OP	1969		
	3	30.0	HC	Water	OP	1969		
							Cleveland Electric Illum Co	80.00
							Pennsylvania Electric Co	20.00
Pennsylvania Power & Light Co Martins Creek (Northampton)	CT1	18.0	GT	FO2	OP	1971		
	CT2	18.0	GT	FO2	OP	1971		
	CT3	18.0	GT	FO2	OP	1971		
	CT4	18.0	GT	FO2	OP	1971		
	CT1	18.0	GT	FO2	OP	1971		
Sunbury (Snyder)	CT1	18.0	GT	FO2	OP	1971		
	CT2	18.0	GT	FO2	OP	1971		
							Mellon Bank	100.00
Susquehanna (Luzerne)	1	1050.0	NB	Uranium	OP	1982		
	2	1050.0	NB	Uranium	OP	1984		
							Pennsylvania Power & Light Co	90.00
							Allegheny Electric Coop Inc	10.00
Pennsylvania Power Co Bruce Mansfield (Beaver)	1	769.0	ST	BIT	OP	1975	Ohio Edison Co	60.00
							Duquesne Light Co	29.30
							Cleveland Electric Illum Co	6.50
							Pennsylvania Power Co	4.20
	2	769.0	ST	BIT	OP	1977	Ohio Edison Co	39.30
							Cleveland Electric Illum Co	28.60
							Toledo Edison Co	17.30
							Duquesne Light Co	8.00
							Pennsylvania Power Co	6.80
3	789.0	ST	BIT	OP	1980	Ohio Edison Co	35.00	
						Cleveland Electric Illum Co	24.47	
						Toledo Edison Co	19.91	
						Duquesne Light Co	13.74	
						Pennsylvania Power Co	6.28	
New Castle (Lawrence)	A	3.0	IC	FO2	OP	1968		
	B	3.0	IC	FO2	OP	1968		

See footnotes at end of table.

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capablity (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>Pennsylvania</b>								
Pennsylvania Power Co							Ohio Edison Co Pennsylvania Power Co	60.00 40.00
Philadelphia Electric Co Peach Bottom (York)	2 3	1051.0 1035.0	NB NB	Uranium Uranium	OP OP	1974 1974	Philadelphia Electric Co Public Service Electric & Gas Co Delmarva Power & Light Co Atlantic City Electric Co	42.49 42.49 7.51 7.51
West Penn Power Co Hatfields Ferry (Greene)	1 2 3	500.0 500.0 465.0	ST ST ST	BIT BIT BIT	OP OP OP	1969 1970 1971	West Penn Power Co Monongahela Power Co Potomac Edison Co	52.50 27.50 20.00
<b>South Carolina</b>								
Duke Power Co Catawba (York)	1	1129.0	NP	Uranium	OP	1985	North Carolina El Member Corp Duke Power Co Saluda River Electric Coop Inc	56.25 25.00 18.75
	2	1129.0	NP	Uranium	OP	1986	North Carolina Mun Power Agny Piedmont Municipal Power Agny	75.00 25.00
South Carolina Electric & Gas Co Summer (Fairfield)	1	885.0	NP	Uranium	OP	1982	South Carolina Electric & Gas Co South Carolina Pub Serv Auth	66.67 33.33
South Carolina Pub Serv Auth Dolphus M Grainger (Horry)	1 2	85.0 84.0	ST ST	BIT BIT	OP OP	1966 1966		
Hilton Head (Beaufort)	1	20.0	GT	FO2	OP	1973	Central Electric Pwr Coop Inc	100.00
St Stephens (Berkeley)	1 2 3	28.0 28.0 28.0	HC HC HC	Water Water Water	OP OP OP	1984 1984 1984	U S Army Corps of Engineers	100.00
<b>South Dakota</b>								
Otter Tail Power Co Big Stone (Grant)	1	438.0	ST	LIG	OP	1975	Otter Tail Power Co Northwestern Public Service Co Montana-Dakota Utilities Co	53.90 23.40 22.70
<b>Texas</b>								
Gulf States Utilities Co Toledo Bend (Newton)	1 2	40.5 40.5	HC HC	Water Water	OP OP	1968 1968	Sabine River Authority of Tx Sabine River Authority of LA	50.00 50.00
Houston Lighting & Power Co South Texas (Matagorda)	1 2	1250.6 1250.0	NP NP	Uranium Uranium	OP OP	1988 1989	Houston Lighting & Power Co San Antonio City of	30.80 28.00

See footnotes at end of table.

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>Texas</b>								
Houston Lighting & Power Co							Central Power & Light Co Austin City of	25.20 16.00
Lower Colorado River Authority Sam Seymour (Fayette)	1 2	590.0 565.0	ST ST	SUB SUF	OP OP	1979 1980	Lower Colorado River Authority Austin City of	50.00 50.00
San Miguel Electric Coop Inc San Miguel (Atascosa)	1 2	391.0 400.0	ST ST	LIG LIG	OP PL	1981 1997	Brazos Electric Power Coop Inc South Texas Electric Coop Inc	50.00 50.00
Southwestern Electric Power Co Pirkey (Harrison)	1	650.0	ST	LIG	OP	1984	Southwestern Electric Power Co Small Mun & Coop Oklahoma Mun Power Pool Auth	85.94 11.72 2.34
Texas Municipal Power Agency Gibbons Creek (Grimes)	1	405.0	ST	LIG	OP	1982	Bryan City of Denton City of Garland City of Greenville City of	19.64 22.59 47.11 10.66
Texas Utilities Generating Co Comanche Peak (Somervell)	1 2	1150.0 1150.0	NP NP	Uranium Uranium	CO CO	1990 1991	Texas Utilities Generating Co Tex-La Electric Coop-Texas Inc	97.83 2.17
West Texas Utilities Co Oklaunion (Wilbarger)	1	665.0	ST	BIT	OP	1986	West Texas Utilities Co Public Service Co of Oklahoma Central Power & Light Co Oklahoma Mun Power Pool Auth Brownsville Public Utils Board	54.69 15.62 7.81 11.72 10.16
<b>Utah</b>								
Deseret Generation & Tran Coop Bonanza (Uintah)	1	425.0	ST	BIT	OP	1986	Shell Leasing Corp Utah Municipal Power Agency	96.25 3.75
Los Angeles City of Intermountain (Millard)	1 2	800.0 800.0	ST ST	BIT BIT	OP OP	1986 1987	Intermountain Power Agency	100.00
PacificCorp Hunter (Emery) (Emery)	1 2	390.0 390.0	ST ST	BIT BIT	OP OP	1978 1980	Utah Power & Light Co Provo City Corp Utah Power & Light Co Small Mun & Coop	93.75 6.25 60.31 39.69
<b>Vermont</b>								
Burlington City of J C McNeil (Chittenden)	1	47.0	ST	WD	OP	1984	Burlington City of Central Vermont Pub Serv Corp	50.00 20.00

See footnotes at end of table

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>Vermont</b>								
Burlington City of								
							Green Mountain Power Corp	11.00
							Vermont Public Pwr Supply Auth	19.00
<b>Virginia</b>								
Virginia Electric & Power Co								
Bath County (Bath) .....								
	1	350.0	HR	Water	OP	1985		
	2	350.0	HR	Water	OP	1985		
	3	350.0	HR	Water	OP	1985		
	4	350.0	HR	Water	OP	1985		
	5	350.0	HR	Water	OP	1985		
	6	350.0	HR	Water	OP	1985		
							Virginia Electric & Power Co	60.00
							Allegheny Power System Inc	40.00
Clover (Halifax) .....								
	1	393.0	ST	Coal	PL	1993		
	2	393.0	ST	Coal	PL	1994		
North Anna (Louisa) .....								
	1	915.0	NP	Uranium	OP	1978	Virginia Electric & Power Co	50.00
							Old Dominion Electric Coop	50.00
	2	915.0	NP	Uranium	OP	1980	Virginia Electric & Power Co	88.40
							Small Mun & Coop	11.60
							Virginia Electric & Power Co	88.40
							Old Dominion Electric Coop	11.60
<b>Washington</b>								
PacifiCorp								
Centralia (Lewis) .....								
	1	638.0	ST	SUB	OP	1971		
	2	638.0	ST	SUB	OP	1972		
							Pacific Power & Light Co	47.50
							Washington Water Power Co	15.00
							Portland General Electric Co	2.50
							Seattle City of	8.00
							PUD No 1 of Snohomish County	8.00
							Puget Sound Power & Light Co	7.00
							PUD No 1 of Grays Harbor Cnty	4.00
							Tacoma City of	8.00
Swift 2 (Cowlitz) .....								
	21	38.4	HC	Water	OP	1959		
	22	38.4	HC	Water	OP	1958		
							PUD No 1 of Cowlitz County	100.00
PUD No 2 of Grant County								
PEC Headworks (Grant) .....								
	1	6.8	HC	Water	CO	1990		
Quincy Chute (Grant) .....								
	1	9.4	HC	Water	OP	1984		
							South Columbia Basin Irr Dist	33.33
							East Columbia Basin Irr Dist	33.33
							Quincy-columbia Basin Irr Dist	33.33
<b>West Virginia</b>								
Appalachian Power Co								
John E Amos (Putnam) .....								
	3	1300.0	ST	BIT	OP	1973		
							Ohio Power Co	66.70
							Appalachian Power Co	33.30
Monongahela Power Co								
Fort Martin (Monongalia) .....								
	1	552.0	ST	BIT	OP	1967		
							Duquesne Light Co	50.00
							Monongahela Power Co	25.00
							Potomac Edison Co	25.00
	2	555.0	ST	BIT	OP	1968		
							West Penn Power Co	50.00
							Potomac Edison Co	30.00
							Monongahela Power Co	20.00
Harrison (Harrison) .....								
	1	640.0	ST	BIT	OP	1972		
	2	640.0	ST	BIT	OP	1973		
	3	640.0	ST	BIT	OP	1974		

See footnotes at end of table.

**Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 31, 1989 (Continued)**

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type <sup>1</sup>	Primary Energy Source <sup>1</sup>	Status	Date	Owner Companies <sup>2</sup>	Percent Owned
<b>West Virginia</b>								
Monongahela Power Co							West Penn Power Co Potomac Edison Co Monongahela Power Co	42.24 32.76 25.00
Pleasants (Pleasants)	1	614.0	ST	BIT	OP	1978		
	2	614.0	ST	BIT	OP	1980	West Penn Power Co Potomac Edison Co Monongahela Power Co	45.00 30.00 25.00
<b>Wisconsin</b>								
Dairyland Power Coop Genoa (Vernon)	ST3	366.0	ST	BIT	OP	1969	Dairyland Power Coop Coop Power Assn	50.00 50.00
Wisconsin Power & Light Co Columbia (Columbia)	1	504.7	ST	SUB	OP	1975		
	2	502.1	ST	SUB	OP	1978	Wisconsin Power & Light Co Wisconsin Public Service Corp Madison Gas & Electric Co	46.20 31.80 22.00
Edgewater (Sheboygan)	4	329.4	ST	BIT	OP	1969	Wisconsin Power & Light Co Wisconsin Public Service Corp	68.20 31.80
	5	392.8	ST	BIT	OP	1984	Wisconsin Power & Light Co Wisconsin Electric Power Co	75.00 25.00
Wisconsin Public Service Corp Kewaunee (Kewaunee)	1	530.3	NP	Uranium	OP	1974	Wisconsin Public Service Corp Wisconsin Power & Light Co Madison Gas & Electric Co	41.20 41.00 17.80
<b>Wyoming</b>								
Basin Electric Power Coop Laramie River (Platte)	1	550.0	ST	SUB	OP	1980		
	2	550.0	ST	SUB	OP	1981		
	3	550.0	ST	SUB	OP	1982	Basin Electric Power Coop Tri-State G & T Assn Inc Missouri Basin Mun Power Agny Lincoln Electric System Heartland Consumers Power Dist Wyoming Municipal Power Agency	42.27 24.13 16.47 12.76 3.00 1.37
PacifiCorp Jim Bridger (Sweetwater)	1	485.0	ST	SUB	OP	1974		
	2	485.0	ST	SUB	OP	1975		
	3	485.0	ST	SUB	OP	1976		
	4	485.0	ST	SUB	OP	1979	Pacific Power & Light Co Idaho Power Co	66.67 33.33
Wyodak (Campbell)	1	315.0	ST	SUB	OP	1978	Pacific Power & Light Co Black Hills Corp	80.00 20.00

<sup>1</sup> See Appendix B for definitions of codes.

<sup>2</sup> Includes owners or proposed owners that have 100 percent ownership but are not the operators or proposed operators of the unit.

\* Capacity less than 0.05 megawatts.

Notes: For status, CO means under construction, OP means in commercial operation, active, OS means in commercial operation but out of service for an extended period, PL means planned but not under construction, SC means in commercial operation, in cold standby

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

# Appendix D

## Lists of Plants



# Appendix D

## Lists of Plants

Table D1. Alphabetical List of Plants, 1989

Plant Name	Utility Name	State
A B Brown	Southern Indiana Gas & Elec Co	Indiana
A B Paterson	New Orleans Public Service Inc	Louisiana
A G Wishon	Pacific Gas & Electric Co	California
Abbott TP 3	Guadalupe Blanco River Auth	Texas
Aberdeen	Northwestern Public Service Co	South Dakota
Abilene	Kansas Power & Light Co	Kansas
Abilene	West Texas Utilities Co	Texas
Acme	Toledo Edison Co	Ohio
Adrian	Adrian Public Utilities Comm	Minnesota
Advance	Wolverine Pwr Supply Coop Inc	Michigan
Agua Fria	Salt River Proj Ag I & P Dist	Arizona
Airport Diesels	Canal Electric Co	Massachusetts
Aitkin	Aitkin Public Utilities Comm	Minnesota
Alakanuk	Alaska Village Elec Coop Inc	Alaska
Alamitos	Southern California Edison Co	California
Alamo	California Dept-Wtr Resources	California
Alamosa	Public Service Co of Colorado	Colorado
Albany	Albany City of	Missouri
Albany	Niagara Mohav. Power Corp	New York
Albany Falls	USCE-Portland District	Idaho
Albright	Monongahela Power Co	West Virginia
Alcona	Consumers Power Co	Michigan
Alcova	Bureau of Reclamation	Wyoming
Alder	Tacoma City of	Washington
Alexander	Wisconsin Public Service Corp	Wisconsin
Alexandria	Alexandria City of	Minnesota
Algodones	Plains Elec Gen&Trans Coop Inc	New Mexico
Algona	Algona City of	Iowa
Allatoona	USCE-Mobile District	Georgia
Alleghen Dam	Consumers Power Co	Michigan
Allen	Tennessee Valley Authority	Tennessee
Allen S King	Northern States Power Co	Minnesota
Allens Falls	Niagara Mohawk Power Corp	New York
Allentown	Pennsylvania Power & Light Co	Pennsylvania
Alliance	Alliance City of	Nebraska
Alma	Dairyland Power Coop	Wisconsin
Alta	Alta City of	Iowa
Alta	Pacific Gas & Electric Co	California
Alta	Alaska Village Elec Coop Inc	Alaska
Ambler	Idaho Power Co	Idaho
American Falls	PacificCorp	Utah
American Fork	Ames City of	Iowa
Ames	Colorado-Ute Electric Assn Inc	Colorado
Ames	Iowa Electric Light & Power Co	Iowa
Ames	Ames City of	Iowa
Ames-GT	International Bound & Wtr Comm	Texas
Amistad Dam & Power	Public Service Co of NH	New Hampshire
Amoskeag	Western Farmers Elec Coop Inc	Oklahoma
Anadarko	Woodsfield City of	Ohio
Anadarko	Anchorage City of	Alaska
Anchorage 1	Florida Power Corp	Florida
Anclote	Bureau of Reclamation	Idaho
Anderson Ranch	Central Maine Power Co	Maine
Androscog Mill Lower	Central Maine Power Co	Maine
Androscog Mill Upper	Central Maine Power Co	Maine
Androscoggin 3	Pacific Gas & Electric Co	California
Angels	Aniak Light & Power Co Inc	Alaska
Aniak	Farmington City of	New Mexico
Animas	Anita City of	Iowa
Anita	Alaska Electric Light&Power Co	Alaska
Annex Creek		

**Table D1. Alphabetical List of Plants, 1989 (Continued)**

Plant Name	Utility Name	State
Ansley	Ansley City of	Nebraska
Antelope Valley	Basin Electric Power Coop	North Dakota
Anthony	Anthony City of	Kansas
Anvik	Alaska Village Elec Coop Inc	Alaska
Apache Station	Arizona Electric Pwr Coop Inc	Arizona
Apalachia	Tennessee Valley Authority	North Carolina
Apple River	Northern States Power Co	Wisconsin
Appleton	Wisconsin Electric Power Co	Wisconsin
Arapahoe	Public Service Co of Colorado	Colorado
Arbuckle	Oklahoma Gas & Electric Co	Oklahoma
Arcadia	Arcadia City of	Wisconsin
Arcanum	Arcanum City of	Ohio
Argyle	Argyle City of	Wisconsin
Arkansas Nuclear One	Arkansas Power & Light Co	Arkansas
Arkwright	Georgia Power Co	Georgia
Armour	Northwestern Public Service Co	South Dakota
Armstrong	West Penn Power Co	Pennsylvania
Arnold	Arnold Village of	Nebraska
Arnold Falls	Central Vermont Pub Serv Corp	Vermont
Arpin Dam	North Central Power Co Inc	Wisconsin
Arsenal Hill	Southwestern Electric Power Co	Louisiana
Arthur Kill	Consolidated Edison Co-NY Inc	New York
Arthur Mullergron	Centel Corp	Kansas
Arvah B Hopkins	Tallahassee City of	Florida
Asbury	Empire District Electric Co	Missouri
Ascotney	Central Vermont Pub Serv Corp	Vermont
Asheville	Carolina Power & Light Co	North Carolina
Ashland	Ashland City of	Kansas
Ashokan	Power Authority of State of NY	New York
Ashtabula	Cleveland Electric Illum Co	Ohio
Ashton	PacificCorp	Idaho
Astoria	Consolidated Edison Co-NY Inc	New York
Atkinson	Georgia Power Co	Georgia
Atlantic	Atlantic City of	Iowa
Attica	Attica City of	Kansas
Alwood	Midwest Energy Inc	Kansas
Auburn	Auburn City of	Nebraska
Austin	Lower Colorado River Authority	Texas
AuTrain	Upper Peninsula Power Co	Michigan
Avon Lake	Cleveland Electric Illum Co	Ohio
Avon Park	Florida Power Corp	Florida
Ayers Island	Public Service Co of NH	New Hampshire
Azusa	Pasadena City of	California
B C Cobb	Consumers Power Co	Michigan
B E Morrow	Consumers Power Co	Michigan
B L England	Atlantic City Electric Co	New Jersey
Bailly	Northern Indiana Pub Serv Co	Indiana
Bakers Falls	Niagara Mohawk Power Corp	New York
Balch 1	Pacific Gas & Electric Co	California
Balch 2	Pacific Gas & Electric Co	California
Baldwin	Baldwin City City of	Kansas
Baldwinville	Illinois Power Co	Illinois
Bancroft	Niagara Mohawk Power Corp	New York
Bankhead Dam	Bancroft City of	Iowa
Bantam	Alabama Power Co	Alabama
Bar Harbor	Connecticut Light & Power Co	Connecticut
Bar Mills	Bangor Hydro-Electric Co	Maine
Barkley	Central Maine Power Co	Maine
Barnett Shoals	USCF Nashville District	Kentucky
Barney M Davis	Georgia Power Co	Georgia
Barron	Central Power & Light Co	Texas
Barrow	Barron City of	Wisconsin
Barry	Barrow Utils & Elec Coop Inc	Alaska
Bartholomew	Alabama Power Co	Alabama
Bartlett's Ferry	Springville City of	Utah
Bates Mill Lower	Georgia Power Co	Georgia
Bates Mill Upper	Central Maine Power Co	Maine
Bath County	Central Maine Power Co	Maine
Battle Mountain	Virginia Electric & Power Co	Virginia
Baudette	Sierra Pacific Power Co	Nevada
Baxter Wilson	Baudette City of	Minnesota
Bay Front	Mississippi Power & Light Co	Mississippi
Bay Shore	Northern States Power Co	Wisconsin
Bayboro	Toledo Edison Co	Ohio
Bayonne	Florida Power Corp	Florida
Bayside	Public Service Electric & Gas Co	New Jersey
Bayview	Traverse City City of	Michigan
	Dalrnarva Power & Light Co	Virginia

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Beacon Heating	Detroit Edison Co	Michigan
Bear Creek	Nantahala Power & Light Co	North Carolina
Bear Swamp	New England Power Co	Massachusetts
Bear Valley	Escondido City of	California
Beardslee	Niagara Mohawk Power Corp	New York
Boardsley	Oakdale & South San Joaquin	California
Boavor	Portland General Electric Co	Oregon
Beaver	USCE-Little Rock District	Arkansas
Beaver Falls	Ketchikan City of	Alaska
Beaver Island	Wolverine Pwr Supply Coop Inc	Michigan
Beaver Lower	Beaver City Corp	Utah
Beaver Upper	Beaver City Corp	Utah
Beaver Valley	PacifiCorp	Utah
Boebee Holbrook	Duquesne Light Co	Pennsylvania
Boebee Island	Holyoke Water Power Co	Massachusetts
Beldon	Niagara Mohawk Power Corp	New York
Boldens	Pacific Gas & Electric Co	California
Bolows Creek	Vermont Marble Co	Vermont
Belfort	Duke Power Co	North Carolina
Belle River	Niagara Mohawk Power Corp	New York
Belleville	Detroit Edison Co	Michigan
Bellevue	Belleville City of	Kansas
Bellows Falls	Bellevue City of	Iowa
Beloit	New England Power Co	Vermont
Beluga	Beloit City of	Kansas
Bernadj	Chugach Electric Assn Inc	Alaska
Ben French	Otter Tail Power Co	Minnesota
Bend	Black Hills Corp	South Dakota
Benkelman	PacifiCorp	Oregon
Bennedale	Benkelman City of	Nebraska
Bonnets Bridge	South Mississippi Lt Pwr Assn	Mississippi
Bonning	Niagara Mohawk Power Corp	New York
Benson	Potomac Electric Power Co	District of Columbia
Benton	Benson City of	Minnesota
Benton	Benton City of	Arkansas
Bergen	Pennsylvania Electric Co	Pennsylvania
Berlin	Public Service Electric & Gas Co	New Jersey
Berlin 5	Berlin City of	Maryland
Bernice Lake	Green Mountain Power Corp	Vermont
Berrien Springs	Chugach Electric Assn Inc	Alaska
Bethany	Indiana Michigan Power Co	Michigan
Bothel	Bethany City of	Missouri
Bothel	Bothel Utilities Corp Inc	Alaska
Bottles Light & Pwr	Portland General Electric Co	Oregon
Big Bend	Bottles Light & Power Inc	Alaska
Big Bend	Tampa Electric Co	Florida
Big Brown	USCE-Missouri River District	South Dakota
Big Cajon 1	Texas Utilities Generating Co	Texas
Big Cajon 2	Cajon Electric Power Coop Inc	Louisiana
Big Cliff	Cajon Electric Power Coop Inc	Louisiana
Big Creek 1	USCE-Portland District	Oregon
Big Creek 2	Southern California Edison Co	California
Big Creek 2A	Southern California Edison Co	California
Big Creek 3	Southern California Edison Co	California
Big Creek 4	Southern California Edison Co	California
Big Creek 8	Southern California Edison Co	California
Big Falls	Northern States Power Co	Wisconsin
Big Fork	PacifiCorp	Montana
Big Pine	Key West City of	Florida
Big Pine	Los Angeles City of	California
Big Quinnesec 61	Wisconsin Electric Power Co	Michigan
Big Quinnesec 92	Wisconsin Electric Power Co	Michigan
Big Rock Point	Consumers Power Co	Michigan
Big Sandy	Kentucky Power Co	Kentucky
Big Stone	Otter Tail Power Co	South Dakota
Big Thompson	Bureau of Reclamation	Colorado
Bird City	Midwest Energy Inc	Kansas
Biron	Consolidated Water Power Co	Wisconsin
Bishop Creek 2	Southern California Edison Co	California
Bishop Creek 3	Southern California Edison Co	California
Bishop Creek 4	Southern California Edison Co	California
Bishop Creek 5	Southern California Edison Co	California
Bishop Creek 6	Southern California Edison Co	California
Black Brook Dam	Northwestern Wisconsin Elec Co	Wisconsin
Black Butte	Santa Clara City of	California
Black Canyon	Bureau of Reclamation	Idaho
Black Dog	Northern States Power Co	Minnesota

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Black Eagle	Montana Power Co	Montana
Black River	Niagara Mohawk Power Corp	New York
Black River Falls	Black River Falls City of	Wisconsin
Blackhawk	Wisconsin Power & Light Co	Wisconsin
Blackstone Street	Cambridge Electric Light Co	Massachusetts
Blako	Niagara Mohawk Power Corp	New York
Blakely Mountain	USCE-Vicksburg District	Arkansas
Blanchard	Minnesota Power & Light Co	Minnesota
Blonholm Gilboa	Power Authority of State of NY	New York
Blowell	Carolina Power & Light Co	North Carolina
Bliss	Idaho Power Co	Idaho
Block Island	Block Island Power Co	Rhode Island
Bloom	Commonwealth Edison Co	Illinois
Bloomfield	Bloomfield City of	Iowa
Blooming Prairie	Blooming Prairie City of	Minnesota
Blossburg	Pennsylvania Electric Co	Pennsylvania
Blount Street	Madison Gas & Electric Co	Wisconsin
Blue Earth	Blue Earth City of	Minnesota
Blue Lake	Northern States Power Co	Minnesota
Blue Lake	Sitka City of & Borough of	Alaska
Blue Mesa	Bureau of Reclamation	Colorado
Blue Ridge	Tennessee Valley Authority	Georgia
Blue Springs	Florida Public Utilities Co	Florida
Blue Valley	Independence City of	Missouri
Bluffton	Bluffton City of	Indiana
Blundell	PacifiCorp	Utah
Blythville	Arkansas Power & Light Co	Arkansas
Boardman	Portland General Electric Co	Oregon
Boardman	Traverse City City of	Michigan
Boatlock	Holyoke Water Power Co	Massachusetts
Boise River Div	Bureau of Reclamation	Idaho
Bolton Falls	Green Mountain Power Corp	Vermont
Bonanza	Deseret Generation & Tran Coop	Utah
Bonifacius	Coop Power Assn	Minnesota
Bonnors Ferry	Bonnors Ferry City of	Idaho
Bonnoville	USCE-Portland District	Oregon
Bonny Eagle	Central Maine Power Co	Maine
Boomer Lake	Stillwater Utilities Authority	Oklahoma
Boono	Tennessee Valley Authority	Tennessee
Borel	Southern California Edison Co	California
Bottle Rock	California Dept-Wtr Resources	California
Boulder	Garkane Power Assn Inc	Utah
Boulder	Public Service Co of Colorado	Colorado
Boulevard	Savannah Electric & Power Co	Georgia
Boundary	Seattle City of	Washington
Bountiful	Bountiful City City of	Utah
Bowen	Georgia Power Co	Georgia
Bowline Point	Orange & Rockland Utils Inc	New York
Bowman	Nevada Irrigation District	California
Box Canyon	PUD No 1 of Pond Oreille Cnty	Washington
Box Elder	Brigham City Corp	Utah
Boyd's Mill	Duke Power Co	South Carolina
Boysen	Bureau of Reclamation	Wyoming
Brady	Brady City of	Texas
Braidwood	Commonwealth Edison Co	Illinois
Brandon Shores	Baltimore Gas & Electric Co	Maryland
Branford	Connecticut Light & Power Co	Connecticut
Brassua	Central Maine Power Co	Maine
Brawley	Imperial Irrigation District	California
Brayton Point	New England Power Co	Massachusetts
Breed	Indiana Michigan Power Co	Indiana
Breese	Breese City of	Illinois
Bremo Bluff	Virginia Electric & Power Co	Virginia
Brevard	Cascade Power Co	North Carolina
Bridgeport Harbor	United Illuminating Co	Connecticut
Bridgewater	Duke Power Co	North Carolina
Brigham City	Brigham City Corp	Utah
Broadway	Pasadena City of	California
Broadway	Southern Indiana Gas & Elec Co	Indiana
Broken Bow	Broken Bow City of	Nebraska
Broken Bow	USCE-Tulsa District	Oklahoma
Brooklyn	Brooklyn City of	Iowa
Brown Bridge	Traverse City City of	Michigan
Brownfield	Brownfield City of	Texas
Brownlee	Idaho Power Co	Idaho
Browns Falls	Niagara Mohawk Power Corp	New York
Browns Ferry	Tennessee Valley Authority	Alabama
Bruce Mansfield	Pennsylvania Power Co	Pennsylvania

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Brulo	Wisconsin Electric Power Co	Michigan
Brunner Island	Pennsylvania Power & Light Co	Pennsylvania
Brunot Island	Duquesne Light Co	Pennsylvania
Brunswick	Carolina Power & Light Co	North Carolina
Brunswick	Central Maine Power Co	Maine
Brunswick	Sierra Pacific Power Co	Nevada
Brunswick	Bryan City of	Ohio
Bryan	Bryan City of	Texas
Bryan	Bryan City of	South Dakota
Bryant	Nantahala Power & Light Co	North Carolina
Bryson	Consolidated Edison Co NY Inc	New York
Buchanan	Indiana Michigan Power Co	Michigan
Buchanan	Lower Colorado River Authority	Texas
Buchanan	Appalachian Power Co	Virginia
Buck	Duke Power Co	North Carolina
Buck	Pacific Gas & Electric Co	California
Bucks Creek	USCE-Mobile District	Georgia
Buford	Buhl City of	Minnesota
Buhl	Portland General Electric Co	Oregon
Bull Run	Tennessee Valley Authority	Tennessee
Bull Run	USCE-Little Rock District	Arkansas
Bull Shoals	Connecticut Light & Power Co	Connecticut
Bulls Bridge	Louisiana Power & Light Co	Louisiana
Buras	Burlingame City of	Kansas
Burlingame	Burlington City of	Colorado
Burlington	Burlington City of	Kansas
Burlington	Iowa Southern Utilities Co	Iowa
Burlington	Public Service Electric & Gas Co	New Jersey
Burlington	In State G & F Assn Inc	Colorado
Burlington	Burlington City of	Vermont
Burlington G T	Georgia Power Co	Georgia
Burton	South Carolina Electric & Gas Co	South Carolina
Burton	Burwell City of	Nobraska
Burwell	Bushnell City of	Illinois
Bushnell	Butler City of	Missouri
Butler	Fayetteville Public Works Comm	North Carolina
Butler Warner Gen Pl	Pacific Gas & Electric Co	California
Bull Valley	Cape Hatteras Elec Member Corp	North Carolina
Buxton	Potomac Electric Power Co	District of Columbia
Buzzard Point	Duke Power Co	South Carolina
Buzzard Roost	Appalachian Power Co	Virginia
Byllesby 2	Commonwealth Edison Co	Illinois
Byron	Wolverine Pwr Supply Coop Inc	Michigan
C A Winder	Lakeland City of	Florida
C D McIntosh Jr	Garland City of	Texas
C E Newman	Idaho Power Co	Idaho
C J Strike	Baltimore Gas & Electric Co	Maryland
C P Crane	Niagara Mohawk Power Corp	New York
C R Huntley	Grand Island City of	Nebraska
C W Burdick	Consumers Power Co	Michigan
C W Tippy	Public Service Co of Colorado	Colorado
Cabin Creek	Washington Water Power Co	Idaho
Caenot Gorge	Western Massachusetts Elec Co	Massachusetts
Cabot	Holyoke Gas & Electric Co	Massachusetts
Cabot Holyoke	Morrisville Village of	Vermont
Cadys Falls	New York State Elec & Gas Corp	New York
Cadyville	Tapoco Inc	Tennessee
Calderwood	Wisconsin Public Service Corp	Wisconsin
Caldron Falls	PUD No 1 of Pond Oreille City	Washington
Calispot Creek	Galloway Village of	Nebraska
Callaway	Union Electric Co	Missouri
Callaway	Commonwealth Edison Co	Illinois
Calumet	Baltimore Gas & Electric Co	Maryland
Calvert Cliffs	East Bay Municipal Util Dist	California
Camanche	Cambridge City of	Nebraska
Cambridge	United Power Assn	Minnesota
Cambridge	Public Service Co of Colorado	Colorado
Cameo	Sacramento Municipal Util Dist	California
Camino	Sacramento Municipal Util Dist	California
Camp Far West	Sacramento Municipal Util Dist	Missouri
Campbell	Campbell City of	Nebraska
Campbell	Campbell Village of	Nebraska
Canaan	Public Service Co of NH	Vermont
Canaday	Central Nebraska Pub P&I Dist	Nebraska
Canadys Steam	South Carolina Electric & Gas Co	South Carolina
Canal	Canal Electric Co	Massachusetts
Canoe Run	Louisville Gas & Electric Co	Kentucky
Cannon Steel	Commonwealth Electric Co	Massachusetts
Canton	Union Electric Co	Missouri

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Canyon	Guadalupe Blanco River Auth	Texas
Canyon Ferry	Bureau of Reclamation	Montana
Cape Canaveral	Florida Power & Light Co	Florida
Cape Fear	Carolina Power & Light Co	North Carolina
Cape Gas Turbine	Central Maine Power Co	Maine
Carbon	PacificCorp	Utah
Cardinal	Cardinal Operating Co	Ohio
Caribou	Maine Public Service Co	Maine
Caribou 1	Pacific Gas & Electric Co	California
Caribou 2	Pacific Gas & Electric Co	California
Carl Dalloy	Arkansas Electric Coop Corp	Arkansas
Carlls Corner	Atlantic City Electric Co	New Jersey
Carlsbad	Southwestern Public Service Co	New Mexico
Carlyle	Carlyle City of	Illinois
Carmon Smith	Eugene City of	Oregon
Carmi	Carmi City of	Illinois
Caro	Thumb Electric Coop-Michigan	Michigan
Carpenter	Arkansas Power & Light Co	Arkansas
Carrollton	Carrollton Board of Public Wks	Missouri
Carrollton	USCE -Mobile District	Georgia
Carthage	Carthage City of	Missouri
Carver Falls	Central Vermont Pub Serv Corp	New York
Cascade	Cascade City of	Iowa
Cascade	Idaho Power Co	Idaho
Cascade Creek	Hochstetler Public Utilities	Minnesota
Cashlon	Cashlon Village of	Wisconsin
Castaic	Los Angeles City of	California
Cattle Rock	Wisconsin River Power Co	Wisconsin
Catalina Micro Hydro	Southern California Edison Co	California
Cataract	Central Maine Power Co	Maine
Cataract	Upper Peninsula Power Co	Michigan
Cataract W Channel	Central Maine Power Co	Maine
Catawba	Duke Power Co	South Carolina
Cavondish	Central Vermont Pub Serv Corp	Vermont
Cayuga	Public Service Co of IN Inc	Indiana
Cecil Lynch	Arkansas Power & Light Co	Arkansas
Cedar	Atlantic City Electric Co	New Jersey
Cedar Bayou	Precision Lighting & Power Co	Texas
Cedar Cliff	Nashville Power & Light Co	North Carolina
Cedar Creek	Duke Power Co	South Carolina
Cedar Falls	Northwestern States Power Co	Wisconsin
Cedar Falls	Seattle City of	Washington
Colanese	Southwestern Public Service Co	Texas
Centennial	Mottakatta Power & Light	Alaska
Center	Center City of	Colorado
Center Hill	City of Nashville District	Tennessee
Center Rutland	Vermont Marble Co	Vermont
Centerville	Iowa Southern Utilities Co	Iowa
Centerville	Pacific Gas & Electric Co	California
Central (Wright)	Offit Tail Power Co	Minnesota
Centraha	Centraha City of	Washington
Centraha	PacificCorp	Washington
Chalk Hill	Wisconsin Electric Power Co	Michigan
Chalk Point	Potomac Electric Power Co	Maryland
Chamberlain	Northwestern Public Service Co	South Dakota
Chamois	Central Electric Power Coop	Missouri
Chandler	Bureau of Reclamation	Washington
Chanute 1	Chanute City of	Kansas
Chanute 2	Chanute City of	Kansas
Chanute 3	Chanute City of	Kansas
Chappell	Chappell City of	Nebraska
Charles Poletti	Power Authority of State of NY	New York
Charles R Lowman	Alabama Electric Coop Inc	Alabama
Charleston	Citizens Utilities Co	Vermont
Chasm	Niagara Mohawk Power Corp	New York
Chatuge	Tennessee Valley Authority	North Carolina
Choatham	USCE -Nashville District	Tennessee
Cholan	PUD No 1 of Cholan County	Washington
Chemical	Holyoke Water Power Co	Massachusetts
Chena	Fairbanks City of	Alaska
Chooah	Tapoco Inc	North Carolina
Cherokee	Public Service Co of Colorado	Colorado
Cherokee	Tennessee Valley Authority	Tennessee
Cherokee	Western Farmers Elec Coop Inc	Oklahoma
Cherry Street	Hudson Town of	Massachusetts
Chesapeake	Virginia Electric & Power Co	Virginia
Chester	Philadelphia Electric Co	Pennsylvania
Chester Lake	Mottakatta Power & Light	Alaska

**Table D1. Alphabetical List of Plants, 1989 (Continued)**

Plant Name	Utility Name	State
Chostorfold	Virginia Electric & Power Co	Virginia
Chowick	Duquonne Light Co	Pennsylvania
Choyak	Alaska Village Elec. Coop. Inc.	Alaska
Chicago Park	Nevada Irrigation District	California
Chickamauga	Tennessee Valley Authority	Tennessee
Chickasaw	Alabama Power Co	Alabama
Chief Joseph	USCE - Portland District	Washington
Childs	Arizona Public Service Co	Arizona
Chilhowee	Tapeco Inc.	Tennessee
Chih Bar	Pacific Gas & Electric Co	California
Chillicothe	Chillicothe Municipal Utility	Missouri
Chippewa Falls	Northwestern States Power Co	Wisconsin
Cholla	Arizona Public Service Co	Arizona
Christiana	Delmarva Power & Light Co	Delaware
Charron River	Central Corp.	Kansas
City of Watertown	Watertown City of	New York
City Light Plant	Hornden City of	Kansas
City LI & Water	Bozovor City City of	Nebraska
City Power Plant	Idaho Falls City of	Idaho
Clam Falls Dam	Northwestern Wisconsin Elec. Co	Wisconsin
Clam River Dam	Northwestern Wisconsin Elec. Co	Wisconsin
Clarence Cannon	USCE - St. Louis District	Missouri
Clark	Nevada Power Co	Nevada
Clark	Northwestern Public Service Co	South Dakota
Clark Falls	Central Vermont Pub. Serv. Corp.	Vermont
Clark Street Plant	Greenville City of	Texas
Claudio Vandyko	Wolverine Pwr Supply Coop. Inc.	Michigan
Clay Boswell	Minnesota Power & Light Co	Minnesota
Clay Center	Clay Center City of	Kansas
Clayton	Appalachian Power Co	Virginia
Clear Lake	Idaho Power Co	Idaho
Clearwater 1	PacifiCorp	Oregon
Clearwater 2	PacifiCorp	Oregon
Cleary Flood	Taunton City of	Massachusetts
Cliffside	Duke Power Co	North Carolina
Clifton	Central Corp.	Kansas
Clifty Creek	Indiana-Kentucky Electric Corp.	Indiana
Clinch River	Appalachian Power Co	Virginia
Cline Falls	PacifiCorp	Oregon
Clinton	Clinton Village of	Michigan
Clinton	Illinois Power Co	Illinois
Coachella	Imperial Irrigation District	California
Coal Canyon	Pacific Gas & Electric Co	California
Coal Creek	Coop Power Assn.	North Dakota
Cobble Mountain	Western Massachusetts Elec. Co	Massachusetts
Cochran	Montana Power Co	Montana
Collom	Central Illinois Pub. Serv. Co	Illinois
Collinsville	Collinsville City of	Kansas
Cogeneration Plant	Santa Clara City of	California
Coggon	Coggon City of	Iowa
Coit G1	South Carolina Electric & Gas Co	South Carolina
Colbert	Tennessee Valley Authority	Alabama
Colby	Colby City of	Kansas
Colby	Midwest Energy Inc.	Kansas
Colchester 16	Green Mountain Power Corp.	Vermont
Coldwater	Coldwater Board of Public Util.	Michigan
Coldwater Creek	Sacramento Municipal Util. Dist.	California
Coleman	Big Rivers Electric Corp.	Kentucky
Coleman	Coleman City of	Texas
Coleman	Pacific Gas & Electric Co	California
Coleman	Central Power & Light Co	Texas
Colorado Creek	Detroit Edison Co	Michigan
Collax	Yuba County Water Agency	California
Colgate	Texas Utilities Generating Co	Texas
Collin	Commonwealth Edison Co	Illinois
Collins	Cleveland City of	Ohio
Collinwood	Montana Power Co	Montana
Costrup	Niagara Mohawk Power Corp.	New York
Collon	Columbia City of	Missouri
Columban	South Carolina Electric & Gas Co	South Carolina
Columbia	Wisconsin Power & Light Co	Wisconsin
Columbia	Nebraska Public Power District	Nebraska
Columbus	Public Service Co of Colorado	Colorado
Comanche	Public Service Co of Oklahoma	Oklahoma
Comanche	Nevada Irrigation District	California
Combe North	Nevada Irrigation District	California
Combe South	Kaukauna City of	Wisconsin
Combined Locks	New England Power Co	New Hampshire
Comorford		

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Commercial Street		
Concho	Marblehead City of	Massachusetts
Condit	West Texas Utilities Co	Texas
Conemaugh	PacifiCorp	Washington
Conesville	Pennsylvania Electric Co	Pennsylvania
Connors Creek	Columbus Southern Power Co	Ohio
Connorsville	Detroit Edison Co	Michigan
Conowingo	Public Service Co of NJ Inc	Indiana
Constantino	Philadelphia Electric Co	Maryland
Continental Mills	Michigan Power Co	Michigan
Contra Costa	Central Maine Power Co	Maine
Contra Costa Mobile	Pacific Gas & Electric Co	California
Control George	Pacific Gas & Electric Co	California
Cooke	Los Angeles City of	California
Cooke Cien Station	Consumers Power Co	Michigan
Cool Water	Manit Electric Co Ltd	Hawaii
Coolidge	Southern California Edison Co	California
Coon Rapids	U.S. Bureau of Indian Affairs	Arizona
Cooper	Coon Rapids City of	Iowa
Cooper Lake	East Kentucky Power Coop Inc	Kentucky
Cooper Station	Ghazal Electric Assn Inc	Alaska
Copeo 1	Nebraska Public Power District	Nebraska
Copeo 2	PacifiCorp	California
Coponhagen	PacifiCorp	California
Copper	Hydro Development Group Inc	New York
Coralville	El Paso Electric Co	Texas
Cordell Hull	Iowa-Illinois Gas & Electric Co	Iowa
Corlott	USCE Nashville District	Tennessee
Cornell	Ghoyenne Light Fuel & Power Co	Wyoming
Corning	Northorn States Power Co	Wisconsin
Corona	Corning City of	Iowa
Coronado	Metropolitan Water District	California
Cos Cob	Salt River Proj Ag 1 & P Dist	Arizona
Cottonwood	Connecticut Light & Power Co	Connecticut
Cougar	Los Angeles City of	California
Coughlin	USCE Portland District	Oregon
Council Bluffs	Central Louisiana Elec Co Inc	Louisiana
Covo	Iowa Power Inc	Iowa
Cow Creek	PacifiCorp	Idaho
Cowans Ford	Pacific Gas & Electric Co	California
Coyote	Duke Power Co	North Carolina
Coyote Creek	Montana-Dakota Utilities Co	North Dakota
Craig	Metropolitan Water District	California
Craig	Alaska Power & Telephone Co	Alaska
Crane Valley	Colorado Ute Electric Assn Inc	Colorado
Crawford	Pacific Gas & Electric Co	California
Crawfordsville	Commonwealth Edison Co	Illinois
Crescent	Crawfordsville Elec Lgt&Pwr Co	Indiana
Cresta	Power Authority of State of NY	New York
Crete Mun Power	Pacific Gas & Electric Co	California
Crisfield	Crete City of	Nebraska
Crisp	Delmarva Power & Light Co	Maryland
Crist	Crisp County Power Comm	Georgia
Cromby	Gulf Power Co	Florida
Cross	Philadelphia Electric Co	Pennsylvania
Crosscut	South Carolina Pub Serv Auth	South Carolina
Crotan	Salt River Proj Ag 1 & P Dist	Arizona
Croyden	Consumers Power Co	Michigan
Crystal	Philadelphia Electric Co	Pennsylvania
Crystal Falls	Bureau of Reclamation	Colorado
Crystal Mountain	Crystal Falls City of	Michigan
Crystal River	Puget Sound Power & Light Co	Washington
Cudjoe	Florida Power Corp	Florida
Culpeper	Key West City of	Florida
Cumberland	Culpeper Town of	Virginia
Cumberland	Cumberland City of	Wisconsin
Cunningham	Tennessee Valley Authority	Tennessee
Curtis	Southwestern Public Service Co	New Mexico
Cushaw	Curtis City of	Nebraska
Cushing	Virginia Electric & Power Co	Virginia
Cushman 1	Cushing City of	Oklahoma
Cushman 2	Lacoma City of	Washington
Cuttler	Lacoma City of	Washington
Cuttler	Florida Power & Light Co	Florida
D. B. Wilson	PacifiCorp	Utah
D. G. Hunter	Big Rivers Electric Corp	Kentucky
Dalton	Alexandria City of	Louisiana
Dalo	Gloverland Electric Coop	Michigan
	East Kentucky Power Coop Inc	Kentucky



Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Dale Hollow	USCE-Nashville District	Tennessee
Dallas	Texas Utilities Generating Co	Texas
Dalles	USCE-Portland District	Oregon
Dallman	Springfield City of	Illinois
Dam 4	Potomac Edison Co	West Virginia
Dam 5	Potomac Edison Co	West Virginia
Dan E. Karn	Consumers Power Co	Michigan
Dan River	Duke Power Co	North Carolina
Danbury Dam	Northwestern Wisconsin Elec Co	Wisconsin
Dansby	Bryan City of	Texas
Danskammer	Central Hudson Gas & Elec Corp	New York
Dardanelle	USCE-Little Rock District	Arkansas
Darlington County	Carolina Power & Light Co	South Carolina
Dashville	Central Hudson Gas & Elec Corp	New York
Dave Johnston	PacificCorp	Wyoming
David City Plant	Nebraska Public Power District	Nebraska
Davis	Bureau of Reclamation	Arizona
Davis-Besse	Tolado Edison Co	Ohio
Dayton	Dayton City of	Iowa
Dayton	Detroit Edison Co	Michigan
Dayton	Hydro-Op One Associates	Illinois
Dayton Hollow	Otter Tail Power Co	Minnesota
De Moss Petrie	Tucson Electric Power Co	Arizona
Dean H. Mitchell	Northern Indiana Pub Serv Co	Indiana
Dearborn	Duke Power Co	South Carolina
Debarry	Florida Power Corp	Florida
Decker Creek	Austin City of	Texas
Deep Creek	Pennsylvania Electric Co	Maryland
Deepwater	Atlantic City Electric Co	New Jersey
Deepwater	Houston Lighting & Power Co	Texas
Deer Creek	Bureau of Reclamation	Utah
Deer Creek	Pacific Gas & Electric Co	California
Deer Rips	Central Maine Power Co	Maine
Deerfield 2	New England Power Co	Massachusetts
Deerfield 3	New England Power Co	Massachusetts
Deerfield 4	New England Power Co	Massachusetts
Deerfield 5	New England Power Co	Massachusetts
Deerhaven	Gainesville Regional Utilities	Florida
Deferiet	Niagara Mohawk Power Corp	New York
Degray	USCE-Vickburg District	Arkansas
Delano	Delano City of	Minnesota
Delaware	Philadelphia Electric Co	Pennsylvania
Delaware City	Delmarva Power & Light Co	Delaware
Dells	Northern States Power Co	Wisconsin
Delta	Delta City of	Colorado
Delta	Mississippi Power & Light Co	Mississippi
Denison	Denison City of	Iowa
Denison	USCE-Tulsa District	Texas
Des Moines	Iowa Power Inc	Iowa
Deshler	Nebraska Public Power District	Nebraska
Detour	Cloverland Electric Coop	Michigan
Detroit	USCE-Portland District	Oregon
Detroit Lakes	Detroit Lakes City of	Minnesota
Devil Canyon	California Dept-Wtr Resources	California
Devon	Connecticut Light & Power Co	Connecticut
Dexter	Hydro Development Group Inc	New York
Dexter	USCE-Portland District	Oregon
DeCordova	Texas Utilities Generating Co	Texas
DeSabra	Pacific Gas & Electric Co	California
Diablo	Seattle City of	Washington
Diablo Canyon	Pacific Gas & Electric Co	California
Diamond Island	Hydro Development Group Inc	California
Dickerson	Potomac Electric Power Co	New York
Dicks Creek	Cincinnati Gas & Electric Co	Maryland
Diesel Plant	Grand Haven City of	Ohio
Diesel Plant	Sturgis City of	Michigan
Diesel Plant 1	Enosburg Falls Village of	Michigan
Dillingham	Nushagak Electric Coop Inc	Vermont
Dillon	Denver City & County of	Alaska
Dillsboro	Nantahala Power & Light Co	Colorado
Dion R. Holm	San Francisco City & County of	North Carolina
Division	San Diego Gas & Electric Co	California
Division Creek	Los Angeles City of	California
Dix Dam	Kentucky Utilities Co	California
Dixon	Commonwealth Edison Co	Kentucky
Doc Bonin	Lafayette City of	Illinois
Dolet Hills	Central Louisiana Elec Co Inc	Louisiana
Dolphus M. Grainger	South Carolina Pub Serv Auth	Louisiana
		South Carolina

**Table D1. Alphabetical List of Plants, 1989 (Continued)**

Plant Name	Utility Name	State
Don Henry	Hastings City of	Nebraska
Don Pedro	Turlock Irrigation District	California
Donald C Cook	Indiana Michigan Power Co	Michigan
Donnels	Oakdale & South San Joaquin	California
Doreen	Western Massachusetts Elec Co	Massachusetts
Dot Lake	Alaska Power & Telephone Co	Alaska
Double Weir	Imperial Irrigation District	California
Douglas	Arizona Public Service Co	Arizona
Douglas	Tennessee Valley Authority	Tennessee
Dover	Dover City of	Ohio
Dowagiac	Dowagiac City of	Michigan
Downieville	Pacific Gas & Electric Co	California
Dresden	Commonwealth Edison Co	Illinois
Drop No 2	USBIA-Wapato Irrigation Proj	Washington
Drop No 3	USBIA-Wapato Irrigation Proj	Washington
Drop No 5	Imperial Irrigation District	California
Drop 1	Imperial Irrigation District	California
Drop 2	Imperial Irrigation District	California
Drop 3	Imperial Irrigation District	California
Drop 4	Imperial Irrigation District	California
Drum 1	Pacific Gas & Electric Co	California
Drum 2	Pacific Gas & Electric Co	California
Du Bay	Consolidated Water Power Co	Wisconsin
Duane Arnold	Iowa Electric Light & Power Co	Iowa
Dubuque	Interstate Power Co	Iowa
Duck Creek	Central Illinois Light Co	Illinois
Dunkirk	Niagara Mohawk Power Corp	New York
Dunlap TP 1	Guadalupe Blanco River Auth	Texas
Durant	Durant City of	Iowa
Dutch Flat	Pacific Gas & Electric Co	California
Dutch Flat 2	Nevada Irrigation District	California
Dwight	Western Massachusetts Elec Co	Massachusetts
Dworshak	USCE-Portland District	Idaho
DAF 50 Wind Turbine	Southern California Edison Co	California
E C Gaston	Alabama Power Co	Alabama
E D Edwards	Central Illinois Light Co	Illinois
E F Barrett	Long Island Lighting Co	New York
E J West	Niagara Mohawk Power Corp	New York
E P Coleman	Sikeston City of	Missouri
E S Joslin	Central Power & Light Co	Texas
E W Brown	Kentucky Utilities Co	Kentucky
Eagle	Niagara Mohawk Power Corp	New York
Eagle Mountain	Texas Utilities Generating Co	Texas
Eagle Pass	Central Power & Light Co	Texas
Eagle Point	PacificCorp	Oregon
Eagle River	Wisconsin Public Service Corp	Wisconsin
Earl F Wisdom	Corn Belt Power Coop	Iowa
East Barnet	Central Vermont Pub Serv Corp	Vermont
East Bend	Cincinnati Gas & Electric Co	Kentucky
East Fork	North Central Power Co Inc	Wisconsin
East Hampton	Long Island Lighting Co	New York
East Highline	Imperial Irrigation District	California
East Hydro	Waverly City of	Iowa
East Norfolk	Niagara Mohawk Power Corp	New York
East Plant	Waverly City of	Iowa
East River	Consolidated Edison Co-NY Inc	New York
East Side	PacificCorp	Oregon
East 12th St	Winfield City of	Kansas
Eastlake	Cleveland Electric Illum Co	Ohio
Eastman Falls	Public Service Co of NH	New Hampshire
Easton	Easton Utilities Comm	Maryland
Easton 2	Easton Utilities Comm	Maryland
Eastport	Bangor Hydro-Electric Co	Maine
Eastsound	Orcas Power & Light Co	Washington
Eastwood	Southern California Edison Co	California
Eaton	Mississippi Power Co	Mississippi
Echo Dam	Bountiful City City of	Utah
Eckert Station	Lansing City of	Michigan
Eddystone	Philadelphia Electric Co	Pennsylvania
Edenville	Wolverine Power Corp	Michigan
Edgar	Boston Edison Co	Massachusetts
Edge Moor	Delmarva Power & Light Co	Delaware
Edgewater	Ohio Edison Co	Ohio
Edgewater	Wisconsin Power & Light Co	Wisconsin
Edison	Public Service Electric & Gas Co	New Jersey
Edison Sault	Edison Sault Electric Co	Michigan
Edward Hyatt	California Dept-Wtr Resources	California
Edwardsport	Public Service Co of IN Inc	Indiana

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Edwin I Hatch	Georgia Power Co	Georgia
Eek	Alaska Village Elec Coop Inc	Alaska
Eel Weir	Niagara Mohawk Power Corp	New York
Effley	Niagara Mohawk Power Corp	New York
Egegik	Egegik Light & Power Co	Alaska
Eklutna	Alaska Power Administration	Alaska
El Cajon	San Diego Gas & Electric Co	California
El Centro	Imperial Irrigation District	California
El Dorado	Pacific Gas & Electric Co	California
El Segundo	Southern California Edison Co	California
Eldred	Newport Electric Corp	Rhode Island
Electra	Electra City of	Texas
Electra	Pacific Gas & Electric Co	California
Electric Junction	Commonwealth Edison Co	Illinois
Electrifarm	Iowa Public Service Co	Iowa
Electron	Puget Sound Power & Light Co	Washington
Elephant Butte	Bureau of Reclamation	New Mexico
Elim	Alaska Village Elec Coop Inc	Alaska
Elk Rapids	Traverse City City of	Michigan
Elk River	Elk River City of	Minnesota
Elk River	United Power Assn	Minnesota
Elkhart	Indiana Michigan Power Co	Indiana
Elko	Sierra Pacific Power Co	Nevada
Ellinwood	Ellinwood City of	Kansas
Ellis	Midwest Energy Inc	Kansas
Ellis Hydroelectric	Arkansas Electric Coop Corp	Arkansas
Ellsworth	Bangor Hydro Electric Co	Maine
Ellwood	Southern California Edison Co	California
Elmer	Niagara Mohawk Power Corp	New York
Elmer Smith	Owensboro City of	Kentucky
Elmer W Stout	Indianapolis Power & Light Co	Indiana
Elrama	Duquesne Light Co	Pennsylvania
Elroy	Elroy City of	Wisconsin
Emerson	Emerson City of	Nebraska
Emmonak	Alaska Village Elec Coop Inc	Alaska
Empire Energy Center	Empire District Electric Co	Missouri
Encina	San Diego Gas & Electric Co	California
Endicott Generating	Michigan South Central Pwr Agcy	Michigan
English	United Illuminating Co	Connecticut
Enid	Oklahoma Gas & Electric Co	Oklahoma
Ephratah	Niagara Mohawk Power Corp	New York
Erickson	Lansing City of	Michigan
Erie	Erie City of	Kansas
Escalante	Plains Elec Gen&Trans Coop Inc	New Mexico
Escanaba	Upper Peninsula Power Co	Michigan
Essex	Public Service Electric&Gas Co	New Jersey
Essex Junction 19	Green Mountain Power Corp	Vermont
Estatoah	Georgia Power Co	Georgia
Estes	Bureau of Reclamation	Colorado
Estherville	Estherville City of	Iowa
Etiwanda	Southern California Edison Co	California
Eufaula	USCE-Tulsa District	Oklahoma
Exchequer	Merced Irrigation District	California
Eyak	Cordova Electric Coop Inc	Alaska
F B Culley	Southern Indiana Gas & Elec Co	Indiana
F J Gannon	Tampa Electric Co	Florida
F R Phillips	Duquesne Light Co	Pennsylvania
Faber Place	South Carolina Electric&Gas Co	South Carolina
Factory	Springfield City of	Illinois
Fair Station	Central Iowa Power Coop	Iowa
Fairbanks	Augusta City of	Arkansas
Fairbanks	Golden Valley Elec Assn Inc	Alaska
Fairbury	Fairbury City of	Nebraska
Fairfax	Fairfax City of	Minnesota
Fairfax Falls	Central Vermont Pub Serv Corp	Vermont
Fairfield	Fairfield City of	Illinois
Fairfield PS	South Carolina Electric&Gas Co	South Carolina
Fairmont	Fairmont Public Utilities Comm	Minnesota
Fairview	Fairview City of	Oklahoma
Falcon Dam & Power	International Bound & Wtr Comm	Texas
Fall Creek	PacifiCorp	California
Fallon	Sierra Pacific Power Co	Nevada
Falls	Philadelphia Electric Co	Pennsylvania
Falls	Yadkin Inc	North Carolina
Falls	Falls City City of	Nebraska
Falls City	Connecticut Light & Power Co	Connecticut
Falls Village	Long Island Lighting Co	New York
Far Rockaway	Sierra Pacific Power Co	California
Farad		

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Faraday	Portland General Electric Co	Oregon
Farmer City	Farmer City City of	Illinois
Faulton	Northwestern Public Service Co	South Dakota
Fayette	Fayette City of	Missouri
Foodor Dam	Niagara Mohawk Power Corp	New York
Felt	Fall River Rural Elec Coop Inc	Idaho
Fennimore	Fennimore City of	Wisconsin
Fermi	Detroit Edison Co	Michigan
Fife Brook	New England Power Co	Massachusetts
Fish Creek	PacifiCorp	Oregon
Fish Power	Yuba County Water Agency	California
Fishbach	Pennsylvania Power & Light Co	Pennsylvania
Fishers Island	Fishers Island Electric Corp	New York
Fishing Creek	Duke Power Co	South Carolina
Fisk	Commonwealth Edison Co	Illinois
Fitchburg	Fitchburg Gas & Elec Light Co	Massachusetts
Fitchburg	Madison Gas & Electric Co	Wisconsin
Five Channels	Consumers Power Co	Michigan
Five Falls	Niagara Mohawk Power Corp	New York
Flambeau	Dairyland Power Coop	Wisconsin
Flambeau	Northern States Power Co	Wisconsin
Flaming Gorge	Bureau of Reclamation	Utah
Flat Rock	Niagara Mohawk Power Corp	New York
Flatiron	Bureau of Reclamation	Colorado
Fleish	Sierra Pacific Power Co	Nevada
Flint Creek	Southwestern Electric Power Co	Arkansas
Flint River	Georgia Power Co	Georgia
Flos Inn	Maine Public Service Co	Maine
Floydada	Floydada City of	Texas
Folsom	Bureau of Reclamation	California
Fond Du Lac	Minnesota Power & Light Co	Minnesota
Fontana	Southern California Edison Co	California
Fontana	Tennessee Valley Authority	North Carolina
Fontenelle	Bureau of Reclamation	Wyoming
Footo	Consumers Power Co	Michigan
Foothill Feeder	Metropolitan Water District	California
Foothill Power	Los Angeles City of	California
Foothills	Denver City & County of	Colorado
Forbestown	Oroville-Wyandotte Irrig Dist	California
Forest City	Forest City City of	Iowa
Forked River	Jersey Central Power&Light Co	New Jersey
Fort Bend	Fort Bend Utilities Co Inc	Texas
Fort Calhoun	Omaha Public Power District	Nebraska
Fort Churchill	Sierra Pacific Power Co	Nevada
Fort Gibson	USCE-Tulsa District	Oklahoma
Fort Halifax	Central Maine Power Co	Maine
Fort Loudoun	Tennessee Valley Authority	Tennessee
Fort Lupton	Public Service Co of Colorado	Colorado
Fort Martin	McNongahela Power Co	West Virginia
Fort Myers	Florida Power & Light Co	Florida
Fort Patrick Henry	Tennessee Valley Authority	Tennessee
Fort Peck	USCE-Missouri River District	Montana
Fort Phantom	West Texas Utilities Co	Texas
Fort Randall	USCE-Missouri River District	South Dakota
Foster	USCE-Portland District	Oregon
Fountain Green	PacifiCorp	Utah
Four Corners	Arizona Public Service Co	New Mexico
Four Mile Dam	Apex Power Co	Michigan
Fourth Street	Indiana Michigan Power Co	Indiana
Fowler No 7 Mill	Hydro Development Group Inc	New York
Fox Lake	Interstate Power Co	Minnesota
Frammingham	Boston Edison Co	Massachusetts
Frank Bird	Montana Power Co	Montana
Frank E Ratts	Hoosier Energy R E C Inc	Indiana
Frank J Russell	Marquette City of	Michigan
Frank Jenkins	Portland City of	Michigan
Frank M Tait	Dayton Power & Light Co	Ohio
Franklin	Central Louisiana Elec Co Inc	Louisiana
Franklin	Franklin City of	Nebraska
Franklin	Los Angeles City of	California
Franklin	Nantahala Power & Light Co	North Carolina
Franklin Drive	Niagara Mohawk Power Corp	New York
Frederic Diesel	Connecticut Light & Power Co	Connecticut
Frederickson	Northwestern Wisconsin Elec Co	Wisconsin
Fredonia	Puget Sound Power & Light Co	Washington
Fredonia	Fredonia City of	Kansas
Freeburg	Puget Sound Power & Light Co	Washington
Freeburg	Freeburg Village of	Illinois

**Table D1. Alphabetical List of Plants, 1989 (Continued)**

Plant Name	Utility Name	State
Fremont Canyon	Bureau of Reclamation	Wyoming
French Island	Northern States Power Co	Wisconsin
French Meadows	Placer County Water Agency	California
Front Street	Pennsylvania Electric Co	Pennsylvania
Fruita	Public Service Co of Colorado	Colorado
Ft Stockton	West Texas Utilities Co	Texas
Fulton	Fulton City of	Missouri
Fulton	Niagara Mohawk Power Corp	New York
G E Turner	Florida Power Corp	Florida
G G Allen	Duke Power Co	North Carolina
G W Ivay	Homestead City of	Florida
Gabbs	Sierra Pacific Power Co	Nevada
Gadsby	PacifiCorp	Utah
Gadsden	Alabama Power Co	Alabama
Gage	Central Vermont Pub Serv Corp	Vermont
Gallatin	Gallatin City of	Missouri
Gallatin	Tennessee Valley Authority	Tennessee
Gambell	Alaska Village Elec Coop Inc	Alaska
Gantt	Alabama Electric Coop Inc	Alabama
Garden City	Sunflower Electric Power Corp	Kansas
Gardners Falls	Western Massachusetts Elec Co	Massachusetts
Garnett	Garnett City of	Kansas
Garrison	USCE-Missouri River District	North Dakota
Garvins Falls	Public Service Co of NH	New Hampshire
Gas Generation	Heber Light & Power Co	Utah
Gas Turbine	Cedar Falls City of	Iowa
Gas Turbine	Larned City of	Kansas
Gaston	Virginia Electric & Power Co	North Carolina
Gaston Shoals	Duke Power Co	South Carolina
Gateway	Weber Basin Water Conserv Dist	Utah
Gavins Point	USCE-Missouri River District	South Dakota
Gaylord	Consumers Power Co	Michigan
Gern State	Idaho Falls City of	Idaho
Gen J M Gavin	Ohio Power Co	Ohio
Genesee	Genesee City of	Illinois
Genoa	Dairyland Power Coop	Wisconsin
George Birdsall	Colorado Springs City of	Colorado
George Johnson	Wolverine Pwr Supply Coop Inc	Michigan
George M Sullivan	Anchorage City of	Alaska
George Neal	Iowa Public Service Co	Iowa
Georgetown	Public Service Co of Colorado	Colorado
Gerald Andrus	Mississippi Power & Light Co	Mississippi
Gerald Gentleman Sta	Nebraska Public Power District	Nebraska
Germantown	Wisconsin Electric Power Co	Wisconsin
Ghent	Kentucky Utilities Co	Kentucky
Gianera	Santa Clara City of	California
Gibbons Creek	Texas Municipal Power Agency	Texas
Gibson	Public Service Co of IN Inc	Indiana
Gilbert	Jersey Central Power&Light Co	New Jersey
Gilman	Gilman Brothers Co	Connecticut
Ginna	Hochester Gas & Electric Corp	New York
Girard	Girard City of	Kansas
Gladstone	Upper Peninsula Power Co	Michigan
Glen	Central Vermont Pub Serv Corp	Vermont
Glen Canyon	Bureau of Reclamation	Arizona
Glen Gardner	Jersey Central Power&Light Co	New Jersey
Glen Lyn	Appalachian Power Co	Virginia
Glenarm	Pasadena City of	California
Glencoe	Glencoe Light & Power Comm	Minnesota
Glencoe Road	New Smyrna Beach Utils Comm	Florida
Glendive	Montana-Dakota Utilities Co	Montana
Glendó	Bureau of Reclamation	Wyoming
Glennallen	Copper Valley Elec Assn Inc	Alaska
Glenwood	Long Island Lighting Co	New York
Glenwood	Niagara Mohawk Power Corp	New York
Gloucester	New England Power Co	Massachusetts
Goat Rock	Georgia Power Co	Georgia
Gold Creek	Alaska Electric Light&Power Co	Alaska
Goodland	Goodland City of	Kansas
Goodnews Bay	Alaska Village Elec Coop Inc	Alaska
Gordon	Dahlberg Light & Power Co	Wisconsin
Gordon Evans	Kansas Gas & Electric Co	Kansas
Gorgas	Alabama Power Co	Alabama
Gorge	Ohio Edison Co	Ohio
Gorge	Seattle City of	Washington
Gorge 18	Green Mountain Power Corp	Vermont
Gorham	Public Service Co of NH	New Hampshire
Gouday	New York State Elec & Gas Corp	New York

**Table D1. Alphabetical List of Plants, 1989 (Continued)**

Plant Name	Utility Name	State
Gould Street	Baltimore Gas & Electric Co	Maryland
Gouverneur	Gouverneur City of	New York
Gowanus	Consolidated Edison Co-NY Inc	New York
Gownie	Gownie City of	Iowa
Grace	PacifiCorp	Idaho
Graettinger	Graettinger City of	Iowa
Grafton	Grafton City of	North Dakota
Graham	Texas Utilities Generating Co	Texas
Graham Station	Bangor Hydro-Electric Co	Maine
Grahamsville	Orange & Rockland Utils Inc	New York
Granby	Niagara Mohawk Power Corp	New York
Grand Avenue	Kansas City Power & Light Co	Missouri
Grand Coulee	Bureau of Reclamation	Washington
Grand Forks	Minnkota Power Coop Inc	North Dakota
Grand Gulf	System Energy Resources Inc	Mississippi
Grand Junction	Grand Junction City of	Iowa
Grand Marais	Grand Marais City of	Minnesota
Grand Rapids	Wisconsin Public Service Corp	Michigan
Grand Tower	Central Illinois Pub Serv Co	Illinois
Grandfather Falls	Wisconsin Public Service Corp	Wisconsin
Granite	PacifiCorp	Utah
Granite City	Northern States Power Co	Minnesota
Granite Falls	Granite Falls Town of	Minnesota
Granite Shoals	Lower Colorado River Authority	Texas
Grantsburg Diesel	Northwestern Wisconsin Elec Co	Wisconsin
Gravel Neck	Virginia Electric & Power Co	Virginia
Graying	Alaska Village Elec Coop Inc	Alaska
Grayson	Glendale City of	California
Great Bend	Midwest Energy Inc	Kansas
Great Falls	Duke Power Co	South Carolina
Great Falls	Lyndonville Village of	Vermont
Great Falls	Tennessee Valley Authority	Tennessee
Green Forest	M & A Electric Power Coop	Missouri
Green Island	Niagara Mohawk Power Corp	New York
Green Lako	Sitka City of & Borough of	Alaska
Green Mountain	Bureau of Reclamation	Colorado
Green Peter	USCE-Portland District	Oregon
Green River	Kentucky Utilities Co	Kentucky
Green Springs	Bureau of Reclamation	Oregon
Greene County	Alabama Power Co	Alabama
Greenfield	Greenfield City of	Iowa
Greenidge	New York State Elec & Gas Corp	New York
Greenport	Greenport Village of	New York
Greens Bayou	Houston Lighting & Power Co	Texas
Greensburg	Greensburg City of	Kansas
Greenup Hydro	Hamilton City of	Ohio
Greenwood	Detroit Edison Co	Michigan
Greenwood Energy Ctr	UtiliCorp United Inc	Missouri
Greers Ferry Lak	USCE-Little Rock District	Arkansas
Greg Avonue	Metropolitan Water District	California
Gresham	Gresham Village of	Wisconsin
Grimh	North Central Power Co Inc	Wisconsin
Grundy Center	Grundy Center City of	Iowa
Guernsey	Bureau of Reclamation	Wyoming
Gulf Island	Central Maine Power Co	Maine
Gunlock	PacifiCorp	Utah
Gunlock Hydro	St George City of	Utah
Guntersville	Tennessee Valley Authority	Alabama
Gwitchyaa Zhee	Gwitchyaa Zhee Utility Co	Alaska
GRDA	Grand River Dam Authority	Oklahoma
H B Robinson	Carolina Power & Light Co	South Carolina
H L Spurlock	East Kentucky Power Coop Inc	Kentucky
H Neely Henry Dam	Alabama Power Co	Alabama
H T Pritchard	Indianapolis Power & Light Co	Indiana
H 4	Guadalupe Blanco River Auth	Texas
H 5	Guadalupe Blanco River Auth	Texas
Haas	Pacific Gas & Electric Co	California
Haddam Neck	Connecticut Yankee Atom Pwr Co	Connecticut
Hadley Falls	Holyoke Water Power Co	Massachusetts
Haefling	Kentucky Utilities Co	Kentucky
Hagerstown	Hagerstown City of	Maryland
Hagood	South Carolina Electric&Gas Co	South Carolina
Hailesboro No 3 Mill	Hydro Development Group Inc	New York
Hailesboro No 4 Mill	Hydro Development Group Inc	New York
Hailesboro No 6 Mill	Hydro Development Group Inc	New York
Haines	Haines Light & Power Co Inc	New York
Haiwee	Los Angeles City of	Alaska
Hale	PacifiCorp	California
		Utah

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Halbut Point	Sitka City of & Borough of	Alaska
Hallam Peaking	Nebraska Public Power District	Nebraska
Halsey	Pacific Gas & Electric Co	California
Halstad	Halstad City of	Minnesota
Hamilton	Hamilton City of	Ohio
Hamilton	Hamilton City of	Ohio
Hamilton	Metropolitan Edison Co	Pennsylvania
Hamilton Branch	Pacific Gas & Electric Co	California
Hamilton Moses	Arkansas Power & Light Co	Arkansas
Hammond	Georgia Power Co	Georgia
Hancock	Detroit Edison Co	Michigan
Handley	Texas Utilities Generating Co	Texas
Hanford Gen Project	Washington Pub Pwr Supply Sys	Washington
Hannawa	Niagara Mohawk Power Corp	New York
Hansel	Kissimmee Utility Authority	Florida
Harbor Beach	Detroit Edison Co	Michigan
Harbor Gen Station	Los Angeles City of	California
Hardeeville	South Carolina Electric & Gas Co	South Carolina
Hardwick	Hardwick Town of	Vermont
Hardy	Consumers Power Co	Michigan
Harlowe Branch	Georgia Power Co	Georgia
Harper's Ferry	Potomac Edison Co	West Virginia
Harriman	New England Power Co	Vermont
Harrington Station	Southwestern Public Service Co	Texas
Harris	Carolina Power & Light Co	North Carolina
Harris	Central Maine Power Co	Maine
Harris Dam	Alabama Power Co	Alabama
Harris Lake	New York State Elec & Gas Corp	New York
Harrisburg	Pennsylvania Power & Light Co	Pennsylvania
Harrison	Monongahela Power Co	West Virginia
Harry Truman	USCE-Kansas City District	Missouri
Hart	Hart Hydro City of	Michigan
Hart Hydro	Hart Hydro City of	Michigan
Hartley	Hartley City of	Iowa
Hartwell Lake	USCE-Savannah District	Georgia
Harvey Couch	Arkansas Power & Light Co	Arkansas
Harwood	Minnesota Power Coop Inc	North Dakota
Harwood	Pennsylvania Power & Light Co	Pennsylvania
Hastings Energy Ctr	Hastings City of	Nebraska
Hat Creek 1	Pacific Gas & Electric Co	California
Hat Creek 2	Pacific Gas & Electric Co	California
Hat Rapids	Wisconsin Public Service Corp	Wisconsin
Hatfield's Ferry	West Penn Power Co	Pennsylvania
Hauser Lake	Montana Power Co	Montana
Havana	Illinois Power Co	Illinois
Hawarden	Hawarden City of	Iowa
Hawley	Hawley Public Utilities Comm	Minnesota
Hawthorn	Kansas City Power & Light Co	Missouri
Haxtun	Haxtun Town of	Colorado
Hay Road	Delmarva Power & Light Co	Delaware
Hayden	Colorado-Ute Electric Assn Inc	Colorado
Haynes Gen Station	Los Angeles City of	California
Hays	Midwest Energy Inc	Kansas
Hayward	Northern States Power Co	Wisconsin
Healy	Golden Valley Elec Assn Inc	Alaska
Heart Mountain	Bureau of Reclamation	Wyoming
Heber	San Diego Gas & Electric Co	California
Hebron Peaking	Nebraska Public Power District	Nebraska
Hell Hole	Placer County Water Agency	California
Hellroaring Hydro	USBIA-Flathead Power Division	Montana
Hells Canyon	Idaho Power Co	Oregon
Helms	Pacific Gas & Electric Co	California
Hemlock Falls	Wisconsin Electric Power Co	Michigan
Henderson	Greenwood Utilities Comm	Mississippi
Henderson I	Henderson City of	Kentucky
Hennepin	Illinois Power Co	Illinois
Hennepin Island	Northern States Power Co	Minnesota
Henry D King	Fort Pierce Utilities Auth	Florida
Herbert A Wagner	Baltimore Gas & Electric Co	Maryland
Herrington	Herrington City of	Kansas
Herrings	Niagara Mohawk Power Corp	New York
Heuvelton	Niagara Mohawk Power Corp	New York
Hibbing	Hibbing Public Utilities Comm	Minnesota
Hickling	New York State Elec & Gas Corp	New York
Hickman	Turlock Irrigation District	California
Higgins	Florida Power Corp	Florida
Higginsville	Higginsville City of	Missouri
High Bridge	Northern States Power Co	Minnesota

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
High Dam	Niagara Mohawk Power Corp	New York
High Falls	Central Hudson Gas & Elec Corp	New York
High Falls	New York State Elec & Gas Corp	New York
High Falls	Niagara Mohawk Power Corp	New York
High Falls	Wisconsin Public Service Corp	New York
High Flock	Yadkin Inc	Wisconsin
Highgate Falls	Swanton Village of	North Carolina
Highgrove	Southern California Edison Co	Vermont
Highland	Highland City of	California
Highline	Santa Clara City of	Illinois
Highmore	Northwestern Public Service Co	California
Higley	Niagara Mohawk Power Corp	South Dakota
Hill City	Hill City City of	New York
Hill Mill	Central Maine Power Co	Kansas
Hillburn	Orange & Rockland Utils Inc	Maine
Hillman	Alpena Power Co	New York
Hills	Interstate Power Co	Michigan
Hills Creek	USCE-Portland District	Minnesota
Hillsdale	Hillsdale City of	Oregon
Hilton Head	South Carolina Pub Serv Auth	Michigan
Hiram	Central Maine Power Co	South Carolina
Hiram Clarke	Houston Lighting & Power Co	Maine
Hwassee	Tennessee Valley Authority	Texas
Hobble Creek	Springville City of	North Carolina
Hodenspyl	Consumers Power Co	Utah
Hogansburg	Niagara Mohawk Power Corp	Michigan
Hoisington	Hoisington City of	New York
Holst	Upper Peninsula Power Co	Kansas
Holcomb	Sunflower Electric Power Corp	Michigan
Holcombe	Northern States Power Co	Kansas
Holdrege	Holdrege City of	Wisconsin
Holland Wind	Northern States Power Co	Nebraska
Holidays Bridge	Duke Power Co	Minnesota
Holly	Holly City of	South Carolina
Holly Ave	Lubbock City of	Colorado
Holly Street	Austin City of	Texas
Holt Dam	Alabama Power Co	Texas
Holter	Montana Power Co	Alabama
Holton	Holton City of	Montana
Holtsville	Long Island Lighting Co	Kansas
Holtwood	Pennsylvania Power & Light Co	New York
Holy Cross	Alaska Village Elec Coop Inc	Pennsylvania
Holyoke	Holyoke City of	Alaska
Homer City	Pennsylvania Electric Co	Colorado
Honolulu	Hawaiian Electric Co Inc	Pennsylvania
Hookers Point	Tampa Electric Co	Hawaii
Hooksett	Public Service Co of NH	Florida
Hooper Bay	Alaska Village Elec Coop inc	New Hampshire
Hoot Lake	Otter Tail Power Co	Alaska
Hoover Dam Pwr Plant	Bureau of Reclamation	Minnesota
Hoover-AZ	Bureau of Reclamation	Nevada
Hope Creek	Public Service Electric & Gas Co	Arizona
Hopkinton	Hopkinton City of	New Jersey
Horse Mesa	Salt River Proj Ag I & P Dist	Iowa
Horseshoe Lake	Oklahoma Gas & Electric Co	Arizona
Houlton	Maine Public Service Co	Oklahoma
Houma	Terrebonne Parish Consol Gov't	Maine
Howard Bend	Union Electric Co	Louisiana
Howard Down	Vineland City of	Missouri
Howland	Bangor Hydro-Electric Co	New Jersey
Hoxie	Midwest Energy Inc	Maine
Hudson	Public Service Electric & Gas Co	Kansas
Hudson Avonue	Consolidated Edison Co-NY Inc	New Jersey
Hughes	Hughes Power & Light Co	New York
Hugo	Western Farmers Elec Coop Inc	Alaska
Hugoton 1	Hugoton City of	Oklahoma
Hugoton 2	Hugoton City of	Kansas
Humboldt	Corn Belt Power Coop	Kansas
Humboldt Bay	Pacific Gas & Electric Co	Iowa
Hungry Horse	Bureau of Reclamation	California
Hunlock Power	UGI Corp	Montana
Hunter (Emery)	PacificCorp	Pennsylvania
Hunters Point	Pacific Gas & Electric Co	Utah
Hunterstown	Metropolitan Edison Co	California
Huntington	PacificCorp	Pennsylvania
Huntington Beach	Southern California Edison Co	Utah
Huron	Northwestern Public Service Co	California
Huslia	Alaska Village Elec Coop Inc	South Dakota
		Alaska



Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Hutchinson	Kansas Power & Light Co	Kansas
Hudsonville	Central Illinois Pub Serv Co	Illinois
Hydaburg	Alaska Power & Telephone Co	Alaska
Hydraulic Place	Niagara Mohawk Power Corp	New York
Hydro Plant	Sturgis City of	Michigan
Hydro Plant No 3	Ephraim City of	Utah
Hydro Plant No 4	Ephraim City of	Utah
Hyrum	Hyrum City Corp	Utah
HMF&L Station 2	Big Rivers Electric Corp	Kentucky
I-N-N Electric	I-N-N Electric Coop Inc	Alaska
Iatan	Kansas City Power & Light Co	Missouri
Ico Harbor	USCE-Portland District	Washington
Idols	Duke Power Co	North Carolina
Imperial	Imperial City of	Nebraska
Independence	Arkansas Power & Light Co	Arkansas
Independence	Independence City of	Iowa
Indian Orchard	Western Massachusetts Elec Co	Massachusetts
Indian Point	Consolidated Edison Co-NY Inc	New York
Indian Point 2	Power Authority of State of NY	New York
Indian River	Delmarva Power & Light Co	Delaware
Indian River	Orlando Utilities Comm	Florida
Indian River	Sitka City of & Borough of	Alaska
Indianola	Indianola City of	Iowa
Inghams	Niagara Mohawk Power Corp	New York
Inks	Lower Colorado River Authority	Texas
Inskip	Pacific Gas & Electric Co	California
Intercession City	Florida Power Corp	Florida
Intermountain	Los Angeles City of	Utah
International	Chugach Electric Assn Inc	Alaska
Inver Hills	Northern States Power Co	Minnesota
Iola	Iola City of	Kansas
Iowa Falls	Iowa Electric Light & Power Co	Iowa
Ipswich	Ipswich Town of	Massachusetts
Iron Gate	PacifiCorp	California
Irving	Arizona Public Service Co	Arizona
Irvington	Tucson Electric Power Co	Arizona
Islesboro Diesel	Central Maine Power Co	Maine
J B Sims	Grand Haven City of	Michigan
J C McNeil	Burlington City of	Vermont
J C Weadock	Consumers Power Co	Michigan
J D Kennedy	Jacksonville Electric Auth	Florida
J E Coretta	Montana Power Co	Montana
J H Campbell	Consumers Power Co	Michigan
J L Bates	Central Power & Light Co	Texas
J M Stuart	Dayton Power & Light Co	Ohio
J P Madgett	Dairyland Power Coop	Wisconsin
J P Priest	USCE-Nashville District	Tennessee
J R Kelly	Gainesville Regional Utilities	Florida
J R Whiting	Consumers Power Co	Michigan
J Strom Thurmond	USCE-Savannah District	South Carolina
J T Doely	San Antonio City of	Texas
J Woodruff	USCE-Mobile District	Florida
Jack McDonough	Georgia Power Co	Georgia
Jack Watson	Mississippi Power Co	Mississippi
Jackman	Public Service Co of NH	New Hampshire
Jackson	Jackson City of	Missouri
Jackson Bluff	Tallahassee City of	Florida
Jackson Square	Independence City of	Missouri
James A FitzPatrick	Power Authority of State of NY	New York
James B Black	Pacific Gas & Electric Co	California
James De Young	Holland City of	Michigan
James H Miller Jr	Alabama Power Co	Alabama
James River	Springfield City of	Missouri
Jamestown	Otter Tail Power Co	North Dakota
Janesville	Janesville City of	Minnesota
Janesville	Wisconsin Power & Light Co	Wisconsin
Jarvis (Hinckley)	Power Authority of State of NY	New York
Jasper 2	Jasper City of	Indiana
Jaybird	Sacramento Municipal Util Dist	California
Jefferes	South Carolina Pub Serv Auth	South Carolina
Jefferson City	Union Electric Co	Missouri
Jeffrey	Central Nebraska Pub P&I Dist	Nebraska
Jeffrey Energy Centr	Kansas Power & Light Co	Kansas
Jenkins	Pennsylvania Power & Light Co	Pennsylvania
Joninson	New York State Elec & Gas Corp	New York
Jepson	Newport Electric Corp	Rhode Island
Jersey	Wisconsin Public Service Corp	Wisconsin
Jetmore	Jetmore City of	Kansas

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Jim Bridger	PacifiCorp	Wyoming
Jim Falls	Northern States Power Co	Wisconsin
Jocassoo	Duke Power Co	South Carolina
John C Boyle	PacifiCorp	Oregon
John Day	USCE-Portland District	Oregon
John E Amos	Appalachian Power Co	West Virginia
John H Kerr	USCE-Wilmington District	Virginia
John H Warden	Upper Peninsula Power Co	Michigan
John Seyler	Tennessee Valley Authority	Tennessee
Johnson	Johnson City of	Kansas
Johnson Falls	Wisconsin Public Service Corp	Wisconsin
Johnson 1	Central Nebraska Pub P&I Dist	Nebraska
Johnson 2	Central Nebraska Pub P&I Dist	Nebraska
Johnsonville	Niagara Mohawk Power Corp	New York
Johnsonville	Tennessee Valley Authority	Tennessee
Joliet 29	Commonwealth Edison Co	Illinois
Joliet 9	Commonwealth Edison Co	Illinois
Jones Bluff	USCE-Mobile District	Alabama
Jones Fork	Sacramento Municipal Util Dist	California
Jones Station	Southwestern Public Service Co	Texas
Jones Street	Omaha Public Power District	Nebraska
Joppa Steam	Electric Energy Inc	Illinois
Jordan Dam	Alabama Power Co	Alabama
Joseph M Farley	Alabama Power Co	Alabama
Judge F Carr	Bureau of Reclamation	California
Judson Largo	GenTel Corp	Kansas
Julesburg	Julesburg City of	Colorado
Junction	River Falls City of	Wisconsin
Kaha	Hawaiian Electric Co Inc	Hawaii
Kahoka	Kahoka City of	Missouri
Kahului	Maul Electric Co Ltd	Hawaii
Kailag	Alaska Village Elec Coop Inc	Alaska
Kamargo	Niagara Mohawk Power Corp	New York
Kammer	Ohio Power Co	West Virginia
Kanawha River	Appalachian Power Co	West Virginia
Kanoelehua	Hawai Electric Light Co Inc	Hawaii
Kansas City Intl	UtiliCorp United Inc	Missouri
Kaukauna	Kaukauna City of	Wisconsin
Kaukauna	Kaukauna City of	Wisconsin
Kaw	Kansas City City of	Kansas
Kaweah 1	Southern California Edison Co	California
Kaweah 2	Southern California Edison Co	California
Kaweah 3	Southern California Edison Co	California
Kaoholo	Hawai Electric Light Co Inc	California
Kearney	Hawaii	Hawaii
Kearny	Nebraska Public Power District	Nebraska
Kearny	Public Service Electric&Gas Co	New Jersey
Kelly Ridge	San Diego Gas & Electric Co	California
Kendall	Oroville-Wyandotte Irrig Dist	California
Kendall Square	Enesburg Falls Village of	Vermont
Kennett	Cambridge Electric Light Co	Massachusetts
Kensico	Kennett City of	Missouri
Kent Falls	Power Authority of State of NY	New York
Kentucky	New York State Elec & Gas Corp	New York
Kenyon Municipal	Tennessee Valley Authority	New York
Keokuk	Kenyon Municipal Utilities	Kentucky
Keowee	Union Electric Co	Minnesota
Kerckhoff	Duke Power Co	Iowa
Kerckhoff 2	Pacific Gas & Electric Co	South Carolina
Kern	Pacific Gas & Electric Co	California
Kern Canyon	Pacific Gas & Electric Co	California
Kern River 1	Pacific Gas & Electric Co	California
Kern River 3	Pacific Gas & Electric Co	California
Kerr	Southern California Edison Co	California
Keswick	Southern California Edison Co	California
Ketchikan	Montana Power Co	Montana
Kettle Falls	Bureau of Reclamation	California
Keuka	Ketchikan City of	Alaska
Kowaunoo	Washington Water Power Co	Washington
Kowaunoo Wind	New York State Elec & Gas Corp	New York
Koy City	Wisconsin Public Service Corp	Wisconsin
Key West	Wisconsin Public Service Corp	Wisconsin
Keystone	Northern States Power Co	Wisconsin
Keystone	Key West City of	Minnesota
Kiana	Pennsylvania Electric Co	Florida
Kilarc	USCE-Fulsa District	Pennsylvania
Kilbourn	Alaska Village Elec Coop Inc	Oklahoma
Killon Station	Pacific Gas & Electric Co	Alaska
	Wisconsin Power & Light Co	California
	Dayton Power & Light Co	Wisconsin
		Ohio

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Kimball	Kimball City of	Nobraska
Kimballton	Kimballton City of	Iowa
Kincaid	Commonwealth Edison Co	Illinois
Kingfisher	Kingfisher City of	Oklahoma
Kingman	Kingman City of	Kansas
Kings Beach	Sierra Pacific Power Co	California
Kings River	Pacific Gas & Electric Co	California
Kingsford	Wisconsin Electric Power Co	Michigan
Kingsley	Central Nebraska Pub P&L Dist	Nobraska
Kingston	Tennessee Valley Authority	Tennessee
Kirk	Black Hills Corp	South Dakota
Kirksville	Union Electric Co	Missouri
Kitty Hawk	Virginia Electric & Power Co	North Carolina
Kivalina	Alaska Village Elec Coop Inc	Alaska
Klubor	Wolverine Pwr Supply Coop Inc	Michigan
Knife Falls	Minnesota Power & Light Co	Minnesota
Knox Leo	Southwestern Electric Power Co	Texas
Kodiak	Kodiak Electric Assn Inc	Alaska
Kortos	Bureau of Reclamation	Wyoming
Kotzebue	Kotzebue Electric Assn Inc	Alaska
Koyuk	Alaska Village Elec Coop Inc	Alaska
Kyger Brook	Ohio Valley Electric Corp	Ohio
Kyrone	Salt River Proj Ag I & P Dist	Arizona
L Street	Boston Edison Co	Massachusetts
L V Sutton	Carolina Power & Light Co	North Carolina
La Crosse	La Crosse City of	Kansas
La Cygne	Kansas City Power & Light Co	Kansas
La Grando	Tacoma City of	Washington
La Grange	Turlock Irrigation District	California
La Junta	La Junta City of	Colorado
La Palma	Central Power & Light Co	Texas
La Plata	La Plata City of	Missouri
La Porte	La Porte City City of	Iowa
La Salle	Commonwealth Edison Co	Illinois
Labadie	Union Electric Co	Missouri
Ladysmith	Northern States Power Co	Wisconsin
Lahontan	Sierra Pacific Power Co	Nevada
Lake Cathlamet	Arkansas Power & Light Co	Arkansas
Lake Creek	Hoher Light & Power Co	Utah
Lake Creek	Champion International Corp	Montana
Lake Creek	Texas Utilities Generating Co	Texas
Lake Crystal	Lake Crystal City of	Minnesota
Lake Diesel	Montana Power Co	Wyoming
Lake Hubbard	Texas Utilities Generating Co	Texas
Lake Lure	Lake Lure Town of	North Carolina
Lake Lynn	West Penn Power Co	West Virginia
Lake Mathews	Metropolitan Water District	California
Lake Mills	Lake Mills City of	Iowa
Lake Park	Lake Park City of	Iowa
Lake Pauline	West Texas Utilities Co	Texas
Lake Preston	Utter Tail Power Co	South Dakota
Lake Road	Cleveland City of	Ohio
Lake Road	St Joseph Light & Power Co	Missouri
Lake Shore	Cleveland Electric Illum Co	Ohio
Lakosido	Springfield City of	Illinois
Lamar	Lamar City of	Colorado
Lamoni	Lamoni City of	Iowa
Lanesboro	Lanesboro Public Utility Comm	Minnesota
Langdale	Georgia Power Co	Georgia
Lansing	Interstate Power Co	Iowa
Laramie River	Basin Electric Power Coop	Wyoming
Laredo	Central Power & Light Co	Texas
Larned	Larned City of	Kansas
Larsen Memorial	Lakeland City of	Florida
Larson	Larson Bay City of	Alaska
Las Animas	Las Animas City of	Colorado
Las Vegas	Public Service Co of NM	New Mexico
Last Chance	Pacific Corp	Idaho
Lauderdale	Florida Power & Light Co	Florida
Laurel	Laurel City of	Nobraska
Laurel	USJE Nashville District	Kentucky
Laurens	Laurens City of	Iowa
Lawrence	Bowenock Mills & Power Co	Kansas
Lawrence	Kansas Power & Light Co	Kansas
Lay Dam	Alabama Power Co	Alabama
Le Sueur	Le Sueur City of	Minnesota
Lebanon	Eugene City of	Oregon
Lebanon	Lebanon City of	Ohio

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Leo	Carolina Power & Light Co	North Carolina
Loosville	Appalachian Power Co	Virginia
Loland Olds	Basin Electric Power Coop	North Dakota
Lomolo 1	PacifiCorp	Oregon
Lomolo 2	PacifiCorp	Oregon
Lomon Creek	Alaska Electric Light & Power Co	Alaska
Lenox	Lenox City of	Iowa
Leon Creek	San Antonio City of	Texas
Lorfald	Minnesota Power Coop Inc	North Dakota
Lowos	Lowos City of	Delaware
Lewis & Clark	Montana-Dakota Utilities Co	Montana
Lewis Creek	Gulf States Utilities Co	Texas
Lewis Smith Dam	Alabama Power Co	Alabama
Lowiston	Bureau of Reclamation	California
Lowiston	Power Authority of State of NY	New York
L'abby	Champion International Corp	Montana
Libby	USCE-Portland District	Montana
Lieberman	Southwestern Electric Power Co	Louisiana
Lighthouse Hill	Niagara Mohawk Power Corp	New York
Lime Saddle	Pacific Gas & Electric Co	California
Limerick	Philadelphia Electric Co	Pennsylvania
Limestone	Houston Lighting & Power Co	Texas
Lincoln	Lincoln Center City of	Kansas
Lincoln J Street	Lincoln Electric System	Nebraska
Linden	Public Service Electric & Gas Co	New Jersey
Lindsay	Lindsay City of	Oklahoma
Litchfield	Litchfield Public Utility Comm	Minnesota
Little Chute	Kaukauna City of	Wisconsin
Little Cottonwood	Murray City of	Utah
Little Falls	Minnesota Power & Light Co	Minnesota
Little Falls	Washington Water Power Co	Washington
Little Goose	USCE-Portland District	Washington
Little Gypsy	Louisiana Power & Light Co	Louisiana
Little Mountain	PacifiCorp	Utah
Livingston	Livingston City of	Montana
Lloyd Shoals	Georgia Power Co	Georgia
Lock Haven	Pennsylvania Power & Light Co	Pennsylvania
Lock 7	Kentucky Utilities Co	Kentucky
Lockhart	Lockhart Power Co	South Carolina
Lodgepole	Lodgepole City of	Nebraska
Logan Diesel	Logan City of	Utah
Logan Hydro	Logan City of	Utah
Logan Martin Dam	Alabama Power Co	Alabama
Logan 2	Logan City of	Utah
Logansport	Logansport City of	Indiana
Lombard	Commonwealth Edison Co	Illinois
Lon C Hill	Central Power & Light Co	Texas
Lon Wright	Fremont City of	Nebraska
London	Appalachian Power Co	West Virginia
Lone Star	Southwestern Electric Power Co	Texas
Long Beach	Southern California Edison Co	California
Long Lake	Washington Water Power Co	Washington
Longmont	Longmont City of	Colorado
Lookout Point	USCE-Portland District	Oregon
Lookout Shoals	Duke Power Co	North Carolina
Loon Lake	Sacramento Municipal Util Dist	California
Lordsburg	Texas-New Mexico Power Co	New Mexico
Lost Creek	USCE-Portland District	Oregon
Lost Nation	Public Service Co of NH	New Hampshire
Loud	Consumers Power Co	Michigan
Louisa	Iowa-Illinois Gas & Electric Co	Iowa
Louisiana 1	Gulf States Utilities Co	Louisiana
Louisiana 2	Gulf States Utilities Co	Louisiana
Lovett	Orange & Rockland Utils Inc	New York
Low Moor	Virginia Electric & Power Co	Virginia
Lowell	Lowell City of	Michigan
Lower	Monroe City City of	Utah
Lower	Mt Pleasant City of	Utah
Lower Baker	Puget Sound Power & Light Co	Washington
Lower Granite	USCE-Portland District	Washington
Lower Kalskag	Alaska Village Elec Coop Inc	Alaska
Lower Malad	Idaho Power Co	Idaho
Lower Middlebury	Central Vermont Pub Serv Corp	Vermont
Lower Molina	Bureau of Reclamation	Colorado
Lower Monumental	USCE-Portland District	Washington
Lower No 1	Idaho Falls City of	Idaho
Lower No 2	Idaho Falls City of	Idaho
Lower Paint	Wisconsin Electric Power Co	Michigan

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Lower Salmon	Idaho Power Co	Ideho
Lower Weed	Gresham Village of	Wisconsin
Ludington	Consumers Power Co	Michigan
Lundy	Southern California Edison Co	California
Luray	Potomac Edison Co	Virginia
Luverne	Luverne City of	Minnesota
Lyons Plant	Nebraska Public Power District	Nebraska
Lytle Creek	Southern California Edison Co	California
M L Hibbard	Minnesota Power & Light Co	Minnesota
Maalaea	Maui Electric Co Ltd	Hawaii
Mabelvale	Arkansas Power & Light Co	Arkansas
Macomb	Niagara Mohawk Power Corp	New York
Macon	Macon City of	Missouri
Mad River	Ohio Edison Co	Ohio
Maddox	Southwestern Public Service Co	New Mexico
Madelia	Madelia City of	Minnesota
Madison	Madison City of	Minnesota
Madison	Montana Power Co	Montana
Madison Plant	Nebraska Public Power District	Nebraska
Madison Street	Delmarva Power & Light Co	Delaware
Magnolia	Burbank City of	California
Main Street	Sebewaing City of	Michigan
Main Street	Springfield City of	Missouri
Maine Yankee	Maine Yankee Atomic Power Co	Maine
Malden	Malden City of	Missouri
Mammoth Pool	Southern California Edison Co	California
Manatee	Florida Power & Light Co	Florida
Manchester Street	New England Power Co	Rhode Island
Mandalay	Southern California Edison Co	California
Mangum	Mangum City of	Oklahoma
Manilla	Manilla Town of	Iowa
Manistique	Edison Saut. Electric Co	Michigan
Manitou	Colorado Springs City of	Colorado
Manitowoc	Manitowoc City of	Wisconsin
Manley	Manley Utility Co Inc	Alaska
Manning	Manning City of	Iowa
Manson	Iowa-Illinois Gas&Electric Co	Iowa
Manti Lower	Manti City of	Utah
Manti Upper	Manti City of	Utah
Maple Lake	United Power Assn	Minnesota
Maquoketa	Iowa Electric Light & Power Co	Iowa
Maquoketa	Maquoketa City of	Iowa
Marathon	Florida Keys El Coop Assn Inc	Florida
Marble Falls	Lower Colorado River Authority	Texas
Marion	Southern Illinois Power Coop	Illinois
Markham	Grand River Dam Authority	Oklahoma
Markland	Public Service Co of IN Inc	Indiana
Marmet	Appalachian Power Co	West Virginia
Marshall	Alaska Village Elec Coop Inc	Alaska
Marshall	Carolina Power & Light Co	North Carolina
Marshall	Duke Power Co	North Carolina
Marshall	Marshall City of	Michigan
Marshall	Marshall City of	Minnesota
Marshall	Marshall City of	Missouri
Marshall Ford	Lower Colorado River Authority	Texas
Marshalltown	Iowa Electric Light & Power Co	Iowa
Marshfield 6	Green Mountain Power Corp	Vermont
Martin	Florida Power & Light Co	Florida
Martin Dam	Alabama Power Co	Alabama
Martin Drake	Colorado Springs City of	Colorado
Martin Lake	Texas Utilities Generating Co	Texas
Martins Creek	Pennsylvania Power & Light Co	Pennsylvania
Martinsville	Martinsville City of	Virginia
Marys Lake	Bureau of Reclamation	Colorado
Marysville	Detroit Edison Co	Michigan
Mascoutah	Mascoutah City of	Illinois
Mason Steam	Central Maine Power Co	Maine
Matinicus	Matinicus Plantation Elec Co	Maine
Mayfield	Tacoma City of	Washington
Mayo	Carolina Power & Light Co	North Carolina
McClellan	Arkansas Electric Coop Corp	Arkansas
McClellan	Sacramento Municipal Util Dist	California
McClure	Modesto Irrigation District	California
McClure	Upper Peninsula Power Co	Michigan
McCook Peaking	Nebraska Public Power District	Nebraska
McGrath	McGrath Light & Power Co	Alaska
McGregor	McGregor City of	Iowa
McGuire	Duke Power Co	North Carolina

**Table D1. Alphabetical List of Plants, 1989 (Continued)**

Plant Name	Utility Name	State
McIndoes	New England Power Co	New Hampshire
McIntosh	Savannah Electric & Power Co	Georgia
McKee Run	Dover City of	Delaware
McLeansboro	McLeansboro City of	Illinois
McManus	Georgia Power Co	Georgia
McMeekin	South Carolina Electric & Gas Co	South Carolina
McNary	USCE-Portland District	Oregon
McPherson 1	McPherson City of	Kansas
McPherson 2	McPherson City of	Kansas
McSwain	Merced Irrigation District	California
McWilliams	Alabama Electric Coop Inc	Alabama
Meade	Meade City of	Kansas
Meadow Creek	Craig-Botetourt Electric Coop	Virginia
Mechanicville	New York State Elec & Gas Corp	New York
Mechanicville	Niagara Mohawk Power Corp	New York
Medway	Bangor Hydro-Electric Co	Maine
Mekoryuk	Alaska Village Elec Coop Inc	Alaska
Melrose	Melrose Public Utilities	Minnesota
Melton Hill	Tennessee Valley Authority	Tennessee
Memphis	Memphis City of	Missouri
Menasha	Menasha City of	Wisconsin
Menomonie	Northern States Power Co	Wisconsin
Meramec	Union Electric Co	Missouri
Merced Falls	Pacific Gas & Electric Co	California
Mercer	Public Service Electric & Gas Co	New Jersey
Meredosia	Central Illinois Pub Serv Co	Illinois
Merle Parr	Iowa Public Service Co	Iowa
Merom	Hoosier Energy R E C Inc	Indiana
Merrill	Wisconsin Public Service Corp	Wisconsin
Merrillan	Merrillan City of	Wisconsin
Merrimack	Public Service Co of NH	New Hampshire
Merwin	PacificCorp	Washington
Mesalonsk 2	Central Maine Power Co	Maine
Mesalonsk 3	Central Maine Power Co	Maine
Mesalonsk 4	Central Maine Power Co	Maine
Mesalonsk 5	Central Maine Power Co	Maine
Metalakatta	Metalakatta Power & Light	Alaska
Mexico	Union Electric Co	Missouri
Meyers Falls	Washington Water Power Co	Washington
Miami Fort	Cincinnati Gas & Electric Co	Ohio
Miami Wabash	Public Service Co of IN Inc	Indiana
Michigamme Falls	Wisconsin Electric Power Co	Michigan
Michigan City	Northern Indiana Pub Serv Co	Indiana
Michoud	New Orleans Public Service Inc	Louisiana
Mickleton	Atlantic City Electric Co	New Jersey
Middle	Atlantic City Electric Co	New Jersey
Middle Fork	Placer County Water Agency	California
Middle Gorge	Los Angeles City of	California
Middlesex 2	Green Mountain Power Corp	Vermont
Middletown	Connecticut Light & Power Co	Connecticut
Middleville	Mid-State Service Co	Michigan
Miles City Comb Trib	Montana-Dakota Utilities Co	Montana
Milford	Bangor Hydro-Electric Co	Maine
Milford	Milford City of	Iowa
Mill C	New York State Elec & Gas Corp	New York
Mill Creek	Louisville Gas & Electric Co	Kentucky
Mill Creek 1	Southern California Edison Co	California
Mill Creek 2	Southern California Edison Co	California
Mill Creek 3	Southern California Edison Co	California
Millers Ferry	USCE-Mobile District	Alabama
Milliken	New York State Elec & Gas Corp	New York
Mills Mills 172	Rochester Gas & Electric Corp	New York
Millstone	Northeast Nuclear Energy Co	Connecticut
Milltown	Montana Power Co	Montana
Milville	Potomac Edison Co	West Virginia
Milton	Central Vermont Pub Serv Corp	Vermont
Milton L Kapp	Interstate Power Co	Iowa
Milton R Young	Minnesota Power Coop Inc	North Dakota
Minden	Minden City of	Louisiana
Minetto	Niagara Mohawk Power Corp	New York
Minidoka	Bureau of Reclamation	Idaho
Minneapolis	Minneapolis City of	Kansas
Minnechadua	Nebraska Public Power District	Nebraska
Minnesota Valley	Northern States Power Co	Minnesota
Minto	Alaska Village Elec Coop Inc	Alaska
Minturn	Swans Island Electric Coop Inc	Maine
Mio	Consumers Power Co	Michigan
Miramar	San Diego Gas & Electric Co	California

**Table D1. Alphabetical List of Plants, 1989 (Continued)**

Plant Name	Utility Name	State
Mission	Nantahala Power & Light Co	North Carolina
Mission Road	San Antonio City of	Texas
Missouri Avenue	Atlantic City Electric Co	New Jersey
Missouri City	Independence City of	Missouri
Mistersky	Detroit City of	Michigan
Mitchell	Georgia Power Co	Georgia
Mitchell	Ohio Power Co	West Virginia
Mitchell Dam	West Penn Power Co	Pennsylvania
Moberly	Alabama Power Co	Alabama
Mobile	Union Electric Co	Missouri
Mobile	Nodak Rural Electric Coop Inc	North Dakota
Mobile	Nebraska Public Power District	Nebraska
Mobile	Northwestern Public Service Co	South Dakota
Moccasin	San Francisco City & County of	California
Moccasin Low Head	San Francisco City & County of	California
Mohave	Southern California Edison Co	Nevada
Moline	Iowa-Illinois Gas&Electric Co	Illinois
Mongaup	Orange & Rockland Utils Inc	New York
Monroe	Detroit Edison Co	Michigan
Monroe	Louisiana Power & Light Co	Louisiana
Monroe	Monroe City City of	Missouri
Monroe	Nebraska Public Power District	Nebraska
Monroe	Monroe City City of	Utah
Monroe Pumping Sta	Washington Water Power Co	Washington
Monroe Street	Long Island Lighting Co	New York
Montauk	Montezuma City of	Iowa
Montezuma	Interstate Power Co	Minnesota
Montgomery	Northern States Power Co	Minnesota
Monticello	Texas Utilities Generating Co	Texas
Monticello	Pennsylvania Power & Light Co	Pennsylvania
Montour	Kansas City Power & Light Co	Missouri
Montrose	Connecticut Light & Power Co	Connecticut
Montville	Dayton Power & Light Co	Ohio
Monument	Western Farmers Elec Coop Inc	Oklahoma
Mooreland	Lansing City of	Michigan
Moores Park	Moorhead City of	Minnesota
Moorhead	Moose Lake Water & Light Comm	Minnesota
Moose Lake	Mora City of	Minnesota
Mora	Niagara Mohawk Power Corp	New York
Moreau	Union Electric Co	Missouri
Moreau	Carolina Power & Light Co	North Carolina
Morehead	Morgan City City of	Louisiana
Morgan City	Texas Utilities Generating Co	Texas
Morgan Creek	Georgia Power Co	Georgia
Morgan Falls	Potomac Electric Power Co	Maryland
Morgantown	Salt River Proj Ag I & P Dist	Arizona
Mormon Flat	Montana Power Co	Montana
Morony	Brazos River Authority	Texas
Morris Sheppard	Morrisville Village of	Vermont
Morrisville	Pacific Gas & Electric Co	California
Morro Bay	Bureau of Reclamation	Colorado
Morrow Point	South Mississippi El Pwr Assn	Mississippi
Moselle	Philadelphia Electric Co	Pennsylvania
Moser	Power Authority of State of NY	New York
Moses Niagara	Power Authority of State of NY	New York
Moses Power Dam	Niagara Mohawk Power Corp	New York
Moshier	Pacific Gas & Electric Co	California
Moss Landing	Tacoma City of	Washington
Mossyrock	Michigan Power Co	Michigan
Mottville	Bureau of Reclamation	Colorado
Mount Elbert	Holyoke Water Power Co	Massachusetts
Mount Tom	Metropolitan Edison Co	Pennsylvania
Mountain	Texas Utilities Generating Co	Texas
Mountain Creek	Duke Power Co	North Carolina
Mountain Island	Mountain Lake City of	Minnesota
Mountain Lake	Alaska Village Elec Coop Inc	Alaska
Mountain Village	Appalachian Power Co	West Virginia
Mountaineer (1301)	Bonnors Ferry City of	Idaho
Moyle Springs	Rochester Gas & Electric Corp	New York
Mt Morris 160	Mt Pleasant City of	Iowa
Mt Pleasant	Virginia Electric & Power Co	West Virginia
Mt Storm	Philadelphia Electric Co	Pennsylvania
Muddy Run	Mullen Village of	Nebraska
Mullen	Mulvane City of	Kansas
Mulvane	Piggott City of	Arkansas
Municipal Light	Traer City of	Iowa
Municipal Ut	Pacific Gas & Electric Co	California
Murphys	North Little Rock City of	Arkansas
Murray		

**Table D1. Alphabetical List of Plants, 1989 (Continued)**

Plant Name	Utility Name	State
Murray Diesel	Murray City of	Utah
Murray Gill	Kansas Gas & Electric Co	Kansas
Muscatine	Muscatine City of	Iowa
Muscoda	Muscoda City of	Wisconsin
Muskingum River	Ohio Power Co	Ohio
Muskogee	Oklahoma Gas & Electric Co	Oklahoma
Mustang	Oklahoma Gas & Electric Co	Oklahoma
Myrtle Beach	South Carolina Pub Serv Auth	South Carolina
Mystic	Boston Edison Co	Massachusetts
Mystic Lake	Montana Power Co	Montana
Naches	PacifiCorp	Washington
Naches Drop	PacifiCorp	Washington
Nacoochee	Georgia Power Co	Georgia
Naknek	Naknek Electric Assn Inc	Alaska
Nancy	Dahlberg Light & Power Co	Wisconsin
Nantahala	Nantahala Power & Light Co	North Carolina
Nantucket	Nantucket Electric Co	Massachusetts
Narrows	Consolidated Edison Co-NY Inc	New York
Narrows	Pacific Gas & Electric Co	California
Narrows	USCE-Vickburg District	Arkansas
Natchez	Yadkin Inc	North Carolina
Natchitoches	Mississippi Power & Light Co	Mississippi
National Park	Natchitoches City of	Louisiana
Naughton	Public Service Electric&Gas Co	New Jersey
Navajo	PacifiCorp	Wyoming
Navajo	Farmington City of	New Mexico
Naval Station	Salt River Proj Ag I & P Dist	Arizona
Naval Training Ctr	San Diego Gas & Electric Co	California
Neal Shoals	San Diego Gas & Electric Co	California
Nearman Creek	South Carolina Electric&Gas Co	South Carolina
Nebraska City	Kansas City City of	Kansas
Nebraska City	Nebraska City City of	Nebraska
Neches	Omaha Public Power District	Nebraska
Neil Simpson	Gulf States Utilities Co	Texas
Nelson Dewey	Black Hills Corp	Wyoming
Neodesha	Wisconsin Power & Light Co	Wisconsin
Neosho	Neodesha City of	Kansas
Nevada	Kansas Gas & Electric Co	Kansas
Neversink	UtiliCorp United Inc	Kansas
New Albin	Central Hudson Gas & Elec Corp	Missouri
New Badger	Interstate Power Co	New York
New Boston	Kaukauna City of	Iowa
New Castle	Boston Edison Co	Wisconsin
New Felt	Pennsylvania Power Co	Massachusetts
New Hampton	Fall River Rural Elec Coop Inc	Pennsylvania
New Haven Harbor	New Hampton City of	Idaho
New Hogan	United Illuminating Co	Iowa
New Lisbon	Modesto Irrigation District	Connecticut
New Madrid	New Lisbon City of	California
New Melones	Associated Electric Coop Inc	Wisconsin
New Narrows	Bureau of Reclamation	Missouri
New Prague	Yuba County Water Agency	California
New Roads	New Prague Mun Utils Comm	California
New Stuyahok	New Roads City of	Minnesota
New Ulm	Alaska Village Elec Coop Inc	Louisiana
Newberry	New Ulm Public Utilities Comm	Alaska
Newburyport	Newberry City of	Minnesota
Newcastle	New England Power Co	Michigan
Newhalen	Pacific Gas & Electric Co	Massachusetts
Newington	Seattle City of	California
Newman	Public Service Co of NH	Washington
Newport	El Paso Electric Co	New Hampshire
Newport	Citizens Utilities Co	Texas
Newport Diesel	Potomac Edison Co	Vermont
Newton	Citizens Utilities Co	Virginia
Niagara	Central Illinois Pub Serv Co	Vermont
Niangua	Appalachian Power Co	Illinois
Nichols Station	Sho-Me Power Corp	Virginia
Nickajack	Southwestern Public Service Co	Missouri
Niles	Tennessee Valley Authority	Texas
Niles	Niles City of	Tennessee
Nimbus	Ohio Edison Co	Michigan
Nine Mile	Bureau of Reclamation	Ohio
Nine Mile Point	Washington Water Power Co	California
Nine Springs	Niagara Mohawk Power Corp	Washington
Ninomite Point	Madison Gas & Electric Co	New York
Ninth Street Dam	Louisiana Power & Light Co	Wisconsin
	Alpena Power Co	Louisiana
		Michigan



**Table D1. Alphabetical List of Plants, 1989 (Continued)**

Plant Name	Utility Name	State
No 1	Ephraim City of	Utah
No. Two Diesel	St George City of	Utah
Noatak	Alaska Village Elec Coop Inc	Alaska
Noblesville	Public Service Co of IN Inc	Indiana
Nolle	Cuadalupe Blanco River Auth	Texas
Nooksack	Puget Sound Power & Light Co	Washington
Noorvik	Alaska Village Elec Coop Inc	Alaska
Norfolk	Niagara Mohawk Power Corp	New York
Norfolk	USCE-Little Rock District	Arkansas
Norridgewick	Madison Town of	Maine
Norris	Tennessee Valley Authority	Tennessee
North Anna	Virginia Electric & Power Co	Virginia
North Branch	North Branch Water&Light Comm	Minnesota
North Causeway	New Smyrna Beach Utilis Comm	Florida
North Denver	Hastings City of	Nebraska
North Fork	Portland General Electric Co	Oregon
North Gorham	Central Maine Power Co	Maine
North Hartland	Vermont Electric Coop Inc	Vermont
North Highlands	Georgia Power Co	Georgia
North Island	San Diego Gas & Electric Co	California
North Lake	Texas Utilities Generating Co	Texas
North Lansing	Lansing City of	Michigan
North Loop	Tucson Electric Power Co	Arizona
North Lovington	Lea County Electric Coop Inc	New Mexico
North Main	Texas Utilities Generating Co	Texas
North Main Street	Norwich City of	Connecticut
North Ninth Street	Rocheille Municipal Utilities	Illinois
North Omaha	Omaha Public Power District	Nebraska
North Plant	Waverly City of	Iowa
North Platte	Nebraska Public Power District	Nebraska
North Pole	Golden Valley Elec Assn Inc	Alaska
North Texas	Brazos Electric Power Coop Inc	Texas
North Valmy	Sierra Pacific Power Co	Novada
Northeast	Detroit Edison Co	Michigan
Northeast	Kansas City Power & Light Co	Missouri
Northeast	Southern Indiana Gas & Elec Co	Indiana
Northeast	Washington Water Power Co	Washington
Northeast Station	Austin City of	Minnesota
Northeastern	Public Service Co of Oklahoma	Oklahoma
Northern Neck	Virginia Electric & Power Co	Virginia
Northfield Mountain	Western Massachusetts Elec Co	Massachusetts
Northport	Long Island Lighting Co	New York
Northside	Jacksonville Electric Auth	Florida
Northway	Northway Power & Light Inc	Alaska
Northwood	Northwood City of	North Dakota
Norton	Norton City of	Kansas
Norwalk Harbor	Connecticut Light & Power Co	Connecticut
Norway	Indiana Northern Indiana Pub Serv Co	Indiana
Norway	Norway City of	Michigan
Norway Point Dam	Alpena Power Co	Michigan
Norwood	Niagara Mohawk Power Corp	New York
Notch Cliff	Baltimore Gas & Electric Co	Maryland
Nottoly	Tennessee Valley Authority	North Carolina
Noxon Rapids	Washington Water Power Co	Montana
Nucla	Colorado-Ute Electric Assn Inc	Colorado
Nueces Bay	Central Power & Light Co	Texas
Nulato	Alaska Village Elec Coop Inc	Alaska
Nunapitchuk	Alaska Village Elec Coop Inc	Alaska
O H Hutchings	Dayton Power & Light Co	Ohio
O W Sommers	San Antonio City of	Texas
O'Neill	Bureau of Reclamation	California
Oahe	USCE-Missouri River District	South Dakota
Oak Bluffs	Commonwealth Electric Co	Massachusetts
Oak Creek	West Texas Utilities Co	Texas
Oak Flat	Pacific Gas & Electric Co	California
Oak Grove	Portland General Electric Co	Oregon
Oak Orchard	Niagara Mohawk Power Corp	New York
Oakdale	Northern Indiana Pub Serv Co	Indiana
Oakely	Oakley City of	Kansas
Oakland	Pacific Gas & Electric Co	California
Oberlin	Oberlin City of	Kansas
Oberlin	Oberlin City of	Ohio
Occum	Norwich City of	Connecticut
Ocoee 1	Tennessee Valley Authority	Tennessee
Ocoee 2	Tennessee Valley Authority	Tennessee
Ocoee 3	Tennessee Valley Authority	Tennessee
Oconee	Duke Power Co	South Carolina
Oconto Falls	Wisconsin Electric Power Co	Wisconsin

**Table D1. Alphabetical List of Plants, 1989 (Continued)**

Plant Name	Utility Name	State
Ocotillo	Arizona Public Service Co	Arizona
Ocracoke	Tideland Electric Member Corp	North Carolina
Odeessa	Odessa City of	Missouri
Ogden	Ogden City of	Iowa
Oglesby	Illinois Power Co	Illinois
Ohio Falls	Louisville Gas & Electric Co	Kentucky
Oklahoma	West Texas Utilities Co	Texas
Old Badger	Kaukauna City of	Wisconsin
Old Faithful	Montana Power Co	Wyoming
Old Harbor	Alaska Village Elec Coop Inc	Alaska
Old Hickory	USCE-Nashville District	Tennessee
Olive	Burbank City of	California
Oliver	Detroit Edison Co	Michigan
Oliver Dam	Georgia Power Co	Georgia
Olmstead	PacifiCorp	Utah
Onawa Mun Lt & Power	Onawa City of	Iowa
Oneida	PacifiCorp	Idaho
Ontario 1	Southern California Edison Co	California
Ontario 2	Southern California Edison Co	California
Opelousas	Opelousas City of	Louisiana
Orange City	Orange City City of	Iowa
Orca	Cordova Electric Coop Inc	Alaska
Ord Plant	Nebraska Public Power District	Nebraska
Ormond Beach	Southern California Edison Co	California
Orono	Bangor Hydro-Electric Co	Maine
Orrtanna	Metropolitan Edison Co	Pennsylvania
Orrville	Orrville City of	Ohio
Osage	Osage City of	Iowa
Osage	Union Electric Co	Missouri
Osage	Black Hills Corp	Wyoming
Osage City	Osage City City of	Kansas
Osawatomie	Osawatomie City of	Kansas
Osborne	Osborne City of	Kansas
Osceola	Osceola City of	Arkansas
Oswegatchie	Niagara Mohawk Power Corp	New York
Oswego	Niagara Mohawk Power Corp	New York
Oswego Falls East	Niagara Mohawk Power Corp	New York
Oswego Falls West	Niagara Mohawk Power Corp	New York
Ottawa	Ottawa City of	Kansas
Ottawa Street	Lansing City of	Michigan
Otter Rapids	Wisconsin Public Service Corp	Wisconsin
Ottumwa	Iowa Southern Utilities Co	Iowa
Ottumwa	Ottumwa City of	Iowa
Ouray	Colorado-Ute Electric Assn Inc	Colorado
Owatorna	Owatorna City of	Minnesota
Owensville	Owensville City of	Missouri
Oxbow	Idaho Power Co	Oregon
Oxbow	Placer County Water Agency	California
Oxford	Duke Power Co	North Carolina
Oxford	Oxford Village of	Nebraska
Oyster Creek	GPU Nuclear Corp	New Jersey
Ozark	USCE-Little Rock District	Arkansas
Ozark Beach	Empire District Electric Co	Missouri
P H Robinson	Houston Lighting & Power Co	Texas
P L Bartow	Florida Power Corp	Florida
Packwood	Washington Pub Pwr Supply Sys	Washington
Paddy's Run	Louisville Gas & Electric Co	Kentucky
Painesville	Painesville City of	Ohio
Paint Creek	West Texas Utilities Co	Texas
Palisade	Public Service Co of Colorado	Colorado
Palisade	Southwest Public Power Dist	Nebraska
Palisades	Bureau of Reclamation	Idaho
Palisades	Consumers Power Co	Michigan
Palmyra Municipal	Palmyra City of	Missouri
Palo Verde	Arizona Public Service Co	Arizona
Papazian	Merced Irrigation District	California
Paradise	Tennessee Valley Authority	Kentucky
Paragonah	Parowan City Corp	Utah
Paragould	Paragould City of	Arkansas
Pardoe	East Bay Municipal Util Dist	California
Paris	PacifiCorp	Idaho
Paris	Paris City of	Kentucky
Parishville	Niagara Mohawk Power Corp	New York
Park River	Park River City of	North Dakota
Parkdale	Texas Utilities Generating Co	Texas
Parker	Bureau of Reclamation	California
Parker	Merced Irrigation District	California
Parowari	Parowan City Corp	Utah

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Parr	South Carolina Electric & Gas Co	South Carolina
Parr Steam	South Carolina Electric & Gas Co	South Carolina
Passumpsic	Central Vermont Pub Serv Corp	Vermont
Patch	Central Vermont Pub Serv Corp	Vermont
Pathfinder	Northern States Power Co	South Dakota
Pattonsburg	Pattonsburg City of	Missouri
Paulding	South Mississippi E L Pwr Assn	Mississippi
Paulina	Paulina City of	Iowa
Pawhuska	Pawhuska City of	Oklahoma
Pawnee	Public Service Co of Colorado	Colorado
Payson	Strawberry Water Users Assn	Utah
Peach Bottom	Philadelphia Electric Co	Pennsylvania
Peaks Island Diesel	Central Maine Power Co	Maine
Peal Station	Soyland Power Coop Inc	Illinois
Pearsall	Modina Electric Coop Inc	Texas
Peavy Falls	Wisconsin Electric Power Co	Michigan
Pebbly Beach	Southern California Edison Co	California
Pelican	Pelican Utility Co	Alaska
Pella	Pella City of	Iowa
Pelton	Portland General Electric Co	Oregon
Pelton Re Regulation	Portland General Electric Co	Oregon
Pender	Pender City of	Nebraska
Pensacola	Grand River Dam Authority	Oklahoma
Pernian Basin	Texas Utilities Generating Co	Texas
Perris	Metropolitan Water District	California
Perry	Cleveland Electric Illum Co	Ohio
Perry E	Indianapolis Power & Light Co	Indiana
Perry W	Indianapolis Power & Light Co	Indiana
Perryman	Baltimore Gas & Electric Co	Maryland
Person	Public Service Co of NM	New Mexico
Peru	Peru City of	Indiana
Peru	Peru City of	Illinois
Peshigo	Wisconsin Public Service Corp	Wisconsin
Petonwell	Wisconsin River Power Co	Wisconsin
Petersburg	Indianapolis Power & Light Co	Louisiana
Petersburg	Petersburg City of	Alaska
Peterson	Central Vermont Pub Serv Corp	Vermont
Phil Spott	Central Operating Co	West Virginia
Philadelphia Road	Baltimore Gas & Electric Co	Maryland
Philpott Lake	USCE Wilmington District	Virginia
Phoenix	Pacific Gas & Electric Co	California
Pickwick	Tennessee Valley Authority	Tennessee
Picway	Columbus Southern Power Co	Ohio
Pierce	Wallington Town of	Connecticut
Pierce Mills	Central Vermont Pub Serv Corp	Vermont
Pierceland	Niagara Mohawk Power Corp	New York
Pilgrim	Boston Edison Co	Massachusetts
Pittager	Minnesota Power & Light Co	Minnesota
Pilot Bulle	Bureau of Reclamation	Wyoming
Pilot Knob	Imperial Irrigation District	California
Pilot Station	Alaska Village Elec Coop Inc	Alaska
Pine	Wisconsin Electric Power Co	Wisconsin
Pine Flat	Empire River Conservation Dist	California
Pine Street	Sebewaing City of	Michigan
Pineville	Kentucky Utilities Co	Kentucky
Piney	Pennsylvania Electric Co	Pennsylvania
Pinnacles	Danville City of	Virginia
Pioneer	Pacific Corp	Utah
Piqua	Piqua City of	Ohio
Pike	Southwestern Electric Power Co	Texas
Pike	Clear Lake Power Co	Minnesota
Pisgah	Pacific Gas & Electric Co	California
Pit 1	Pacific Gas & Electric Co	California
Pit 3	Pacific Gas & Electric Co	California
Pit 4	Pacific Gas & Electric Co	California
Pit 5	Pacific Gas & Electric Co	California
Pit 6	Pacific Gas & Electric Co	California
Pit 7	Pacific Gas & Electric Co	California
Pittsburg	Soyland Power Coop Inc	Illinois
Pittsfield	Central Vermont Pub Serv Corp	Vermont
Pittsford	Detroit Edison Co	Michigan
Plant 12	Plainsville City of	Nebraska
Plantview Mun Power	Marquette City of	Michigan
Plant Four	Augsburg City of	Michigan
Plant No 1	Freeport Village of Inc	Kansas
Plant No 1	Augsburg City of	New York
Plant No 2	Freeport Village of Inc	Kansas
Plant No 2	Marquette City of	New York
Plant Two	Marquette City of	Michigan

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Plant X	Southwestern Public Service Co	Texas
Plant 1	Hutchinson Utilities Comm	Minnesota
Plant 2	Hutchinson Utilities Comm	Minnesota
Plant 2	Lubbock City of	Texas
Plaquomine	Plaquomine City of	Louisiana
Platte	Grand Island City of	Nobraska
Ploasant Prairie	Wisconsin Electric Power Co	Wisconsin
Ploasant Valley	Los Angeles City of	California
Ploasants	Monongahola Power Co	West Virginia
Poo	Pacific Gas & Electric Co	California
Point A	Alabama Electric Coop Inc	Alabama
Point Beach	Wisconsin Electric Power Co	Wisconsin
Polo Hill	Bureau of Reclamation	Colorado
Ponca	Ponca City City of	Oklahoma
Ponca Diesel	Ponca City City of	Oklahoma
Poole	Southern California Edison Co	California
Port Allon	Citizens Utilities Co	Hawaii
Port Everglades	Florida Power & Light Co	Florida
Port Jefferson	Long Island Lighting Co	New York
Port Lions	Kodiak Electric Assn Inc	Alaska
Port St Joe	Florida Power Corp	Florida
Port Washington	Wisconsin Electric Power Co	Wisconsin
Port Wentworth	Sav. anal. Electric & Power Co	Georgia
Portable	Eastern Maine Electric Coop	Maine
Portable	Union Electric Co	Missouri
Portable	Wisconsin Power & Light Co	Wisconsin
Portable 148	Otter Tail Power Co	North Dakota
Portage	Upper Peninsula Power Co	Michigan
Portal	Southern California Edison Co	California
Portland	Alabama Electric Coop Inc	Florida
Portland	Metropolitan Edison Co	Pennsylvania
Portland	Portland City of	Michigan
Portola	Sierra Pacific Power Co	California
Possum Point	Virginia Electric & Power Co	Virginia
Post Falls	Washington Water Power Co	Idaho
Potato Rapids	Wisconsin Public Service Corp	Wisconsin
Potomac River	Potomac Electric Power Co	Virginia
Potrero	Pacific Gas & Electric Co	California
Potter Station 2	Braintree Town of	Massachusetts
Potter Valley	Pacific Gas & Electric Co	California
Powell Falls	River Falls City of	Wisconsin
Powderdale	PacifiCorp	Oregon
Powerlane Plant	Greenville City of	Texas
Powerton	Commonwealth Edison Co	Illinois
Prairie Creek	Iowa Electric Light & Power Co	Iowa
Prairie Du Sac	Wisconsin Power & Light Co	Wisconsin
Prairie Island	Northern States Power Co	Minnesota
Prairie River	Minnesota Power & Light Co	Minnesota
Pratt	Pratt City of	Kansas
Presidio	West Texas Utilities Co	Texas
Presque Isle	Wisconsin Electric Power Co	Michigan
Preston	Preston Public Utilities Comm	Minnesota
Puckett	Upper Peninsula Power Co	Michigan
Prost Rapids	PUD No 2 of Grant County	Washington
Pumghar	Pumghar City of	Iowa
Princeton	Princeton Public Utls Comm	Minnesota
Princeton	Princeton City of	Illinois
Proctor	Vermont Marble Co	Vermont
Prospect	Niagara Mohawk Power Corp	New York
Prospect 1	PacifiCorp	Oregon
Prospect 2	PacifiCorp	Oregon
Prospect 3	PacifiCorp	Oregon
Prospect 4	PacifiCorp	Oregon
Providence	Providence City of	Oregon
Provo	Provo City Corp	Rhode Island
Pueblo	Contel Corp	Utah
Pulliam	Wisconsin Public Service Corp	Colorado
Puna	Hawai Electric Light Co Inc	Wisconsin
Purple Lake	Mettakalla Power & Light	Hawaii
E-uharn	Detroit Edison Co	Alaska
E-uharn	Florida Power & Light Co	Michigan
Putts Bridge	Western Massachusetts Elec Co	Florida
Puueo	Hawai Electric Light Co Inc	Massachusetts
Pyrites 1	Hydro Development Group Inc	Hawaii
Pyrites 2	Hydro Development Group Inc	New York
PHP 1	Portland General Electric Co	New York
PHP 2	Portland General Electric Co	Oregon
PVUSA 1	Pacific Gas & Electric Co	Oregon
		California

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Quad Cities	Commonwealth Edison Co	Illinois
Queens Creek	Nantahala Power & Light Co	North Carolina
Quincy Chute	PUD No 2 of Grant County	Washington
Quindaro	Kansas City City of	Kansas
Quinhagak	Alaska Village Elec Coop Inc	Alaska
R B Simms	Spartanburg City of	South Carolina
R D Green	Big Rivers Electric Corp	Kentucky
R D Morrow	South Mississippi El Pwr Assn	Mississippi
R E Burger	Ohio Edison Co	Ohio
R Gallagher	Public Service Co of IN Inc	Indiana
R M Heskett	Montana Dakota Utilities Co	North Dakota
R M Schahfer	Northern Indiana Pub Serv Co	Indiana
R P Smith	Potomac Edison Co	Maryland
R S Nelson	Gulf States Utilities Co	Louisiana
R W Miller	Brazos Electric Power Coop Inc	Texas
Raccoon Mountain	Tennessee Valley Authority	Tennessee
Racine	Ohio Power Co	Ohio
Radford	Radford City of	Virginia
Rainbow	Farmington River Power Co	Connecticut
Rainbow	Montana Power Co	Montana
Rainbow Falls	New York State Elec & Gas Corp	New York
Rainbow Falls	Niagara Mohawk Power Corp	New York
Ralph Green	UtiliCorp United Inc	Missouri
Ralston	Placer County Water Agency	California
Rancho Seco	Sacramento Municipal Util Dist	California
Randolph Plant	Nebraska Public Power District	Nebraska
Rantoul	Rantoul Village of	Illinois
Rapide Croche	Kaukauna City of	Wisconsin
Raton	Raton Public Service Co	New Mexico
Ravenswood	Consolidated Edison Co-NY Inc	New York
Rawhide	Platte River Power Authority	Colorado
Ray D Nixon	Colorado Springs City of	Colorado
Ray Olinjet	Garland City of	Texas
Raymondville	Niagara Mohawk Power Corp	New York
Rayne	Rayno City of	Louisiana
Red Bridge	Western Massachusetts Elec Co	Massachusetts
Red Bud	Red Bud City of	Illinois
Red Cloud	Red Cloud City of	Nebraska
Red Mountain	Metropolitan Water District	California
Red Wing	Northern States Power Co	Minnesota
Redfield	Northwestern Public Service Co	South Dakota
Redlands	Redlands Water & Power Co	Colorado
Redondo Beach	Southern California Edison Co	California
Redwood Falls	Redwood Falls Public Util Comm	Minnesota
Reeves	Public Service Co of NM	New Mexico
Refuse & Coal	Columbus City of	Ohio
Reid Gardner	Nevada Power Co	Nevada
Remmel	Arkansas Power & Light Co	Arkansas
Remson	Remson City of	Iowa
Reno Valley Road	Sierra Pacific Power Co	Nevada
Rensselaer	Rensselaer City of	Indiana
Ronwick	Ronwick City of	Iowa
Reta	Merced Irrigation District	California
Reusens	Appalachian Power Co	Virginia
Rex Brown	Mississippi Power & Light Co	Mississippi
Reynolds	Springfield City of	Illinois
Rhodbiss	Duke Power Co	North Carolina
Rich Hill	Rich Hill City of	Missouri
Richard Russell	USCE Savannah District	Georgia
Richland	Toledo Edison Co	Ohio
Richmond	Philadelphia Electric Co	Pennsylvania
Riley	Union City City of	Michigan
Rincon Power	Escondido City of	California
Rio	Orange & Rockland Utils Inc	New York
Rio Grande	El Paso Electric Co	New Mexico
Rio Hondo	Metropolitan Water District	California
Rio Pecos	West Texas Utilities Co	Texas
Rio Pilar	Florida Power Corp	Florida
River Bend	Gulf States Utilities Co	Louisiana
River Crest	Texas Utilities Generating Co	Texas
River Hills	Iowa Power Inc	Iowa
River Mill	Portland General Electric Co	Oregon
River Rouge	Detroit Edison Co	Michigan
River Street	Eastern Maine Electric Coop	Maine
Riverwood	Duke Power Co	North Carolina
Riverview	Northern States Power Co	Wisconsin
Riverside	Baltimore Gas & Electric Co	Maryland
Riverside	Holyoke Water Power Co	Massachusetts

**Table D1. Alphabetical List of Plants, 1989 (Continued)**

Plant Name	Utility Name	State
Riverside	Iowa-Illinois Gas&Electric Co	Iowa
Riverside	Northern States Power Co	Minnesota
Riverside	Public Service Co of Oklahoma	Oklahoma
Riverside	Savannah Electric & Power Co	Georgia
Riverton	Empire District Electric Co	Kansas
Riverview	Georgia Power Co	Georgia
Riverview	Monongahela Power Co	West Virginia
Riverview	Florida Power & Light Co	Florida
Riviera	Virginia Electric & Power Co	North Carolina
Roanoke Rapids	Sacramento Municipal Util Dist	California
Robbs Peak	San Francisco City & County of	California
Robert C Kirkwood	USCE-Fort Worth District	Texas
Robert D Willis	Arkansas Power & Light Co	Arkansas
Robert E Ritchie	Big Rivers Electric Corp	Kentucky
Robert Field	USCE-Tulsa District	Oklahoma
Robert S Kerr	Denver City & County of	Colorado
Roberts Tunnel	Connecticut Light & Power Co	Connecticut
Robertsville	Robstown City of	Texas
Robstown	Rochester Public Utilities	Minnesota
Rochester Hydro	Rochester Gas & Electric Corp	New York
Rochester 2	Rochester Gas & Electric Corp	New York
Rochester 26	Rochester Gas & Electric Corp	New York
Rochester 3	Rochester Gas & Electric Corp	New York
Rochester 5	Rochester Gas & Electric Corp	New York
Rochester 7	Rochester Gas & Electric Corp	New York
Rochester 9	Rochester Gas & Electric Corp	New York
Rock Creek	Rochester Gas & Electric Corp	New York
Rock Creek	Oregon Trail El Cons Coop Inc	Oregon
Rock Island	Pacific Gas & Electric Co	California
Rock Lake	PUD No 1 of Chelan County	Washington
Rock Rapids	United Power Assn	Minnesota
Rock River	Rock Rapids City of	Iowa
Rockford	Wisconsin Power & Light Co	Wisconsin
Rockport	Rockford City of	Iowa
Rockport	Indiana Michigan Power Co	Indiana
Rockport	Rockport City of	Missouri
Rockton	South Beloit Water Gas&Elec Co	Illinois
Rockville	Rockville Centre Village of	New York
Rockwood	Imperial Irrigation District	California
Rocky Creek	Duke Power Co	South Carolina
Rocky Ford	Centel Corp	Colorado
Rocky Beach	PUD No 1 of Chelan County	Washington
Rocky River	Abbeville City of	South Carolina
Rocky River	Connecticut Light & Power Co	Connecticut
Rodemacher	Central Louisiana Elec Co Inc	Louisiana
Rodemacher	Lafayette City of	Louisiana
Rogers	Consumers Power Co	Michigan
Rokeby	Lincoln Electric System	Nebraska
Rollins	Nevada Irrigation District	California
Roosevelt	Salt River Proj Ag I & P Dist	Arizona
Roseau	Roseau City of	Minnesota
Roseton	Central Hudson Gas & Elec Corp	New York
Ross Beach	Midwest Energy Inc	Kansas
Ross Dam	Seattle City of	Washington
Rotterdam	Niagara Mohawk Power Corp	New York
Round Butte	Portland General Electric Co	Oregon
Roxboro	Carolina Power & Light Co	North Carolina
Roza	Bureau of Reclamation	Washington
Rush Creek	Southern California Edison Co	California
Rush Island	Union Electric Co	Missouri
Rushford	Interstate Power Co	Minnesota
Russell	Russell City of	Kansas
Russian Mission	Alaska Village Elec Coop Inc	Alaska
Ruston	Ruston City of	Louisiana
Rulland	Central Vermont Pub Serv Corp	Vermont
Ruxton	Colorado Springs City of	Colorado
Ryan	Montana Power Co	Montana
S A Carlson	Jamestown City of	New York
S C Moore	New England Power Co	Vermont
S O Purdom	Tallahassee City of	Florida
S W Bailey	Kotchikan City of	Alaska
Sabeltha	Sabeltha City of	Kansas
Sabin	Traverse City City of	Michigan
Sabine	Gulf States Utilities Co	Texas
Sabrooke	Commonwealth Edison Co	Illinois
Safe Harbor	Safe Harbor Water Power Corp	Pennsylvania
Saguaro	Arizona Public Service Co	Arizona
Saint Marys Falls	USCE-Detroit District	Michigan
Salem	Public Service Electric&Gas Co	New Jersey
Salem Harbor	New England Power Co	Massachusetts

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Salida 1	Public Service Co of Colorado	Colorado
Salida 2	Public Service Co of Colorado	Colorado
Salina	Grand River Dam Authority	Oklahoma
Salisbury	Central Vermont Pub Serv Corp	Vermont
Salmon	Idaho Power Co	Idaho
Salmon Crook 1	Alaska Electric Light&Power Co	Alaska
Salmon Crook 2	Alaska Electric Light&Power Co	Alaska
Salt Springs Unit 1	Pacific Gas & Electric Co	California
Saluda	Duke Power Co	South Carolina
Saluda	South Carolina Electric&Gas Co	South Carolina
San Bertron	Houston Lighting & Power Co	Texas
San Rayburn	South Texas Electric Coop Inc	Texas
San Hayburn	USGE Fort Worth District	Texas
San Soyourn	Lower Colorado River Authority	Texas
San Angelo	West Texas Utilities Co	Texas
San Bernardino	Southern California Edison Co	California
San Dimas	Metropolitan Water District	California
San Fernando	Los Angeles City of	California
San Francisco 1	Los Angeles City of	California
San Francisco 2	Los Angeles City of	California
San Geronimo 1	Southern California Edison Co	California
San Geronimo 2	Southern California Edison Co	California
San Joaquin 1A	Pacific Gas & Electric Co	California
San Joaquin 2	Pacific Gas & Electric Co	California
San Joaquin 3	Pacific Gas & Electric Co	California
San Juan	Public Service Co of NM	New Mexico
San Luis	California Dept Wtr Resources	California
San Miguel	San Miguel Electric Coop Inc	Texas
San Onofre	Southern California Edison Co	California
Sanborn	Sanborn City of	Iowa
Sand Bar	Oakdale & South San Joaquin	California
Sand Cove	PacifiCorp	Utah
Sandow	Texas Utilities Generating Co	Texas
Sandstone Rapids	Wisconsin Public Service Corp	Wisconsin
Sanford	Florida Power & Light Co	Florida
Sanford	Wolverine Power Corp	Michigan
Santa Ana 1	Southern California Edison Co	California
Santa Ana 2	Southern California Edison Co	California
Santa Ana 3	Southern California Edison Co	California
Santan	Salt River Proj Aq I & P Dist	Arizona
Santorullah	Tapco Inc	North Carolina
Sargent	Sargent City of	Nebraska
Sarpy	Omaha Public Power District	Nebraska
Savonoga	Alaska Village Elec Coop Inc	Alaska
Sawtelle	Los Angeles City of	California
Saxon Falls	Northern States Power Co	Wisconsin
Sayreville	Jersey Central Power&Light Co	New Jersey
Seaman Bay	Alaska Village Elec Coop Inc	Alaska
Seanton	Minnesota Power & Light Co	Minnesota
Scattergood Gen Sta	Los Angeles City of	California
Schaghticoke	Niagara Mohawk Power Corp	New York
Schorer	Georgia Power Co	Georgia
Schiller	Public Service Co of NH	New Hampshire
Scholz	Gulf Power Co	Florida
School Street	Niagara Mohawk Power Corp	New York
Schuyler Plant	Nebraska Public Power District	Nebraska
Schuylerville	Niagara Mohawk Power Corp	New York
Schuykill	Philadelphia Electric Co	Pennsylvania
Scotland Dam	Connecticut Light & Power Co	Connecticut
Scott Flat	Novada Irrigation District	California
Scottville	Wolverine Pwr Supply Coop Inc	Michigan
Seaford	Seaford City of	Delaware
Seabolt	Austin City of	Texas
Seaburg	New England Power Co	Vermont
Sebring Dinner	Sebring Utilities Comm	Florida
Sebring Park Street	Sebring Utilities Comm	Florida
Sebring Phillips	Sebring Utilities Comm	Florida
Second Street	Norwich City of	Connecticut
Secord	Wolverine Power Corp	Michigan
Sequin	Texas	Texas
Selawik	Sequin City of	Alaska
Seldovia	Alaska Village Elec Coop Inc	Alaska
Seminole	Horner Electric Assn Inc	Alaska
Seminole	Bureau of Reclamation	Wyoming
Seminole	Oklahoma Gas & Electric Co	Oklahoma
Seminole	Seminole Electric Coop Inc	Florida
Seneca	Pennsylvania Electric Co	Pennsylvania
Seneca	Seneca Hydroelectric Co Inc	New York
Seneca Falls	New York State Elec & Gas Corp	New York

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Sepulveda Canyon	Metropolitan Water District	California
Sequoyah	Tennessee Valley Authority	Tennessee
Sewalls	Niagara Mohawk Power Corp	New York
Soward	Pennsylvania Electric Co	Pennsylvania
Soward	Soward City of	Alaska
Sewarun	Public Service Electric & Gas Co	New Jersey
Shageluk	Alaska Village Elec Coop Inc	Alaska
Shaktolik	Alaska Village Elec Coop Inc	Alaska
Sharon Spring	Sharon Springs City of	Kansas
Sharp Falls	Blue Ridge Elec Member Corp	North Carolina
Shaasta	Bureau of Reclamation	California
Shawano	Wisconsin Power & Light Co	Wisconsin
Shawmut	Central Maine Power Co	Maine
Shawnoo	Metropolitan Edison Co	Pennsylvania
Shawnoo	Tennessee Valley Authority	Kentucky
Shawville	Pennsylvania Electric Co	Pennsylvania
Sheepskin	Wisconsin Power & Light Co	Wisconsin
Shelby Munic Lgt Plt	Shelby City of	Ohio
Sheldon	Nebraska Public Power District	Nebraska
Shenandoah	Potomac Edison Co	Virginia
Shepatug	Connecticut Light & Power Co	Connecticut
Shorburne County	Northern States Power Co	Minnesota
Sherman	New England Power Co	Massachusetts
Sherman Island	Niagara Mohawk Power Corp	New York
Shipman	Hawaii Electric Light Co Inc	Hawaii
Shiras	Marquette City of	Michigan
Shiahmarof	Alaska Village Elec Coop Inc	Alaska
Shoomaker	Orange & Rockland Utils Inc	New York
Shoreham	Long Island Lighting Co	New York
Shoshone	Public Service Co of Colorado	Colorado
Shoshone Falls	Idaho Power Co	Idaho
Shrewsbury	Shrewsbury Town of	Massachusetts
Shuffleton	Puget Sound Power & Light Co	Washington
Shungnak	Alaska Village Elec Coop Inc	Alaska
Si Flay	Brownsville Public Utils Board	Texas
Sibley	UtiliCorp United Inc	Missouri
Sibley No One	Sibley City of	Iowa
Sibley No Two	Sibley City of	Iowa
Sidney	Dayton Power & Light Co	Ohio
Sidney	Sidney City of	Nebraska
Sierra	Southern California Edison Co	California
Sikeston	Sikeston City of	Missouri
Silver Gate	San Diego Gas & Electric Co	California
Silver Lake	Central Vermont Pub Serv Corp	Vermont
Silver Lake	Hochester Public Utilities	Minnesota
Silver Lake	Western Massachusetts Elec Co	Massachusetts
Silvia	Ketchikan City of	Alaska
Sim Gideon	Lower Colorado River Authority	Texas
Sinclair Dam	Georgia Power Co	Georgia
Sioux	Union Electric Co	Missouri
Sioux Center	Sioux Center City of	Iowa
Sioux Falls	Sioux Falls City of	South Dakota
Sixth Street	Holland City of	Michigan
Sixth Street	Iowa Electric Light & Power Co	Iowa
Skagway	Alaska Power & Telephone Co	Alaska
Skaneateles	Skaneateles Village of	New York
Skellton	Central Maine Power Co	Maine
Skinner	Holyoke Water Power Co	Massachusetts
Slab Creek	Sacramento Municipal Util Dist	California
Sloopy Eye	Sloopy Eye Public Utility Comm	Minnesota
Slide Creek	PacifiCorp	Oregon
Slocum	Detroit Edison Co	Michigan
Sly Creek	Oroville-Wyandotte Irrig Dist	California
Smallwood	Wolverine Power Corp	Michigan
Smith	A & N Electric Coop	Maryland
Smith	Central Vermont Pub Serv Corp	Vermont
Smith	Gulf Power Co	Florida
Smith	Public Service Co of NH	New Hampshire
Smith Mountain	Appalachian Power Co	Virginia
Smith Street	New Smyrna Beach Utils Comm	Florida
Snudgeo	Sacramento Municipal Util Dist	California
Snake Creek	Heber Light & Power Co	Utah
Snake Creek	PacifiCorp	Utah
Snake River	Nemo Joint Utility Systems	Alaska
Snettisham	Alaska Power Administration	Alaska
Snoqualmie	Puget Sound Power & Light Co	Washington
Snowden	Bedford City of	Virginia
Snyder	Choyenne Light Fuel & Power Co	Wyoming



Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Soda	PacifiCorp	Idaho
Soda Springs	PacifiCorp	Oregon
Soda Springs No 1	Soda Springs City of	Idaho
Soda Springs No 2	Soda Springs City of	Idaho
Soft Maple	Niagara Mohawk Power Corp	New York
Solar	Sacramento Municipal Util Dist	California
Soldotna	Alaska Electric G & T Coop Inc	Alaska
Solomon Gulch	Copper Valley Elec Assn Inc	Alaska
Solon Diesel	Dahlberg Light & Power Co	Wisconsin
Somerset	Montaup Electric Co	Massachusetts
Somerset	New York State Elec & Gas Corp	New York
Sooner	Oklahoma Gas & Electric Co	Oklahoma
South	Pacific Gas & Electric Co	California
South Bay	San Diego Gas & Electric Co	California
South Cairo	Central Hudson Gas & Elec Corp	New York
South Colton	Niagara Mohawk Power Corp	New York
South Consolidated	Salt River Proj A, I & P Dist	Arizona
South Edwards	Niagara Mohawk Power Corp	New York
South Glenn Falls	Niagara Mohawk Power Corp	New York
South Hampton	Long Island Lighting Co	New York
South Holston	Tennessee Valley Authority	Tennessee
South Main Street	Hochelle Municipal Utilities	Illinois
South Meadow	Connecticut Light & Power Co	Connecticut
South Norwalk	South Norwalk City of	Connecticut
South Oak Creek	Wisconsin Electric Power Co	Wisconsin
South River Station	Northeast Missouri El Pwr Coop	Missouri
South Street	New England Power Co	Rhode Island
South Texas	Houston Lighting & Power Co	Texas
South Whitby	Puget Sound Power & Light Co	Washington
Southold	Long Island Lighting Co	New York
Southside	Jacksonville Electric Auth	Florida
Southwark	Philadelphia Electric Co	Pennsylvania
Southwest	Springfield City of	Missouri
Southwestern	Public Service Co of Oklahoma	Oklahoma
Spalding	Spalding Village of	Norbraska
Spanish Fork	Strawberry Water Users Assn	Utah
Spaulding 1	Pacific Gas & Electric Co	California
Spaulding 2	Pacific Gas & Electric Co	California
Spaulding 3	Pacific Gas & Electric Co	California
Spencer	Durton City of	Texas
Spencer	Nebraska Public Power District	Norbraska
Spencer	Spencer City of	Iowa
Spencer Mountain	Duke Power Co	North Carolina
Spir Falls	Niagara Mohawk Power Corp	New York
Spillway	South Carolina Pub Serv Auth	South Carolina
Spirit Mound	Basin Electric Power Coop	South Dakota
Spring Creek	Bureau of Reclamation	California
Spring Creek	Springville City of	Utah
Spring Gap	Pacific Gas & Electric Co	California
Spring Valley	Spring Valley Pub Utils Comm	Minnesota
Springdale	West Point Power Co	Pennsylvania
Springerville	Century Power Corp	Arizona
Springfield	Springfield City of	Colorado
Springfield	Springfield Public Utils Comm	Minnesota
Springville	Springville Village of	New York
Squa Pan	Maine Public Service Co	Maine
St Albans	Central Vermont Pub Serv Corp	Vermont
St Anthony	PacifiCorp	Idaho
St Clair	Detroit Edison Co	Michigan
St Cloud	St Cloud City of	Florida
St Cloud Falls	Northern States Power Co	Wisconsin
St Francis	St Francis City of	Kansas
St George	St George City of	Utah
St Ignace	Edison Sault Electric Co	Michigan
St Joe Dam	Fort Wayne City of	Indiana
St John	St John City of	Kansas
St Johns River Power	Jacksonville Electric Auth	Florida
St Louis	St Louis City of	Michigan
St Lucie	Florida Power & Light Co	Florida
St Mary's	Alaska Village Elec Coop Inc	Alaska
St Marys	St Marys City of	Ohio
St Michael	Alaska Village Elec Coop Inc	Alaska
St Stephens	South Carolina Pub Serv Auth	South Carolina
Stafford	Stafford City of	Kansas
Stair	PacifiCorp	Utah
Stalling	Illinois Power Co	Illinois
Stamper	Bureau of Reclamation	California
Stantberry	Stantberry City of	Missouri

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Standard Oil	Mississippi Power Co	Mississippi
Stanslaus	Pacific Gas & Electric Co	California
Stanton	United Power Assn	North Dakota
Stanton Energy	Orlando Utilities Comm	Florida
Stark	Niagara Mohawk Power Corp	New York
Starko	Starko City of	Florida
State Center	State Center City of	Florida
State Line	Commonwealth Edison Co IN Inc	Iowa
Station B	San Diego Gas & Electric Co	Indiana
Station H	Independence City of	California
Station I	Independence City of	Missouri
Stayton	PacifiCorp	Missouri
Stebbins	Alaska Village Elec Coop Inc	Oregon
Steel Point	United Illuminating Co	Alaska
Sterling	Sterling City of	Connecticut
Sterling Avenue	Central Illinois Light Co	Kansas
Sterlington	Louisiana Power & Light Co	Illinois
Stevens Creek	South Carolina Electric&Gas Co	Louisiana
Stevens Point	Consolidated Water Power Co	Georgia
Stevenson	Connecticut Light & Power Co	Wisconsin
Stewart Mountain	Salt River Proj Ag I & P Dist	Connecticut
Stewarts Bridge	Niagara Mohawk Power Corp	Arizona
Stico Shoals	Duke Power Co	New York
Stiles	Oconto Electric Coop	North Carolina
Stillwater	Bangor Hydro-Electric Co	Wisconsin
Stock Island	Key West City of	Maine
Stockton	Stockton City of	Florida
Stockton	USCE-Kansas City District	Kansas
Stone Drop	Modesto Irrigation District	Missouri
Stoneman	Dairyland Power Coop	California
Stony Brook	Massachusetts Mun Whls Elec Co	Wisconsin
Stony George	Santa Clara City of	Massachusetts
Story City	Story City City of	California
Straits	Consumers Power Co	Iowa
Strawberry Creek	Lower Valley Power & Light Inc	Michigan
Strawberry Point	Strawberry Point City of	Wyoming
Stroeter Station	Cedar Falls City of	Iowa
Strontia Springs	Denver City & County of	Iowa
Stryker	Tolodo Edison Co	Colorado
Stryker Creek	Texas Utilities Generating Co	Ohio
Stuart	Stuart City of	Texas
Stuart	Stuart City of	Nebraska
Sturgeon	Wisconsin Electric Power Co	Iowa
Sturgeon Pool	Central Hudson Gas & Elec Corp	Michigan
Stuyvesant Falls	Niagara Mohawk Power Corp	New York
Sugar Island	Niagara Mohawk Power Corp	New York
Sullivan	Sullivan City of	New York
Summer	South Carolina Electric&Gas Co	Illinois
Summit	Portland General Electric Co	South Carolina
Summit Lake	Central Iowa Power Coop	Oregon
Summer	Summer City of	Iowa
Sunbury	Pennsylvania Power & Light Co	Iowa
Sunrise	Nevada Power Co	Pennsylvania
Superior	Detroit Edison Co	Novada
Superior Falls	Northern States Power Co	Michigan
Surry	Virginia Electric & Power Co	Michigan
Susquehanna	Pennsylvania Power & Light Co	Virginia
Sutherland	Iowa Electric Light & Power Co	Pennsylvania
Sutherland Plant	Nebraska Public Power District	Iowa
Suwannee River	Florida Power Corp	Nebraska
Swan Falls	Idaho Power Co	Florida
Swan Lake Hydro	Ketchikan City of	Idaho
Swans Falls	Public Service Co of NH	Alaska
Sweatt	Mississippi Power Co	Maine
Swift 1	PacifiCorp	Mississippi
Swift 2	PacifiCorp	Washington
Swinging Bridge 1	Orange & Rockland Utils Inc	Washington
Swinging Bridge 2	Orange & Rockland Utils Inc	New York
Sycamore	Iowa Power Inc	New York
Sycamore	Madison Gas & Electric Co	Iowa
Syl Laskin	Minnesota Power & Light Co	Wisconsin
Sylvan	Minnesota Power & Light Co	Minnesota
Syracuse	Nebraska City City of	Minnesota
T C Ferguson	Lower Colorado River Authority	Nebraska
T H Wharton	Houston Lighting & Power Co	Texas
T W Sullivan	Portland General Electric Co	Texas
Table Rock	USCE-Little Rock District	Oregon
Tacoma	Colorado-Ute Electric Assn Inc	Missouri
		Colorado

**Table D1. Alphabetical List of Plants, 1989 (Continued)**

Plant Name	Utility Name	State
Taftsville	Central Vermont Pub Serv Corp	Vermont
Taftville	Connecticut Light & Power Co	Connecticut
Tallassee Hydro Proj	Oglethorpe Power Corp	Georgia
Tallulah Falls	Georgia Power Co	Georgia
Tanger	A & N Electric Coop	Virginia
Tanners Creek	Indiana Michigan Power Co	Indiana
Taplin Gorge	Otter Tail Power Co	Minnesota
Taslev	Dulmarva Power & Light Co	Virginia
Taum Sauk	Union Electric Co	Missouri
Taylorville	Niagara Mohawk Power Corp	New York
Toche	Central Louisiana Elec Co Inc	Louisiana
Tecumseh	Kansas Power & Light Co	Kansas
Tecumseh	Tecumseh City of	Nebraska
Temescal	Metropolitan Water District	California
Tenkiller Ferry	USCE-Tulsa District	Oklahoma
Tennessee Creek	Nantahala Power & Light Co	North Carolina
Tenth Street	Norwich City of	Connecticut
Terror Lake	Kodiak Electric Assn Inc	Alaska
Terrora	Georgia Power Co	Georgia
The Geysers	Pacific Gas & Electric Co	California
Theresa	Hydro Development Group Inc	New York
Thermalito	California Dept-Wtr Resources	California
Thermalito Diversion	California Dept-Wtr Resources	California
Thetford	Consumers Power Co	Michigan
Thibodaux	Louisiana Power & Light Co	Louisiana
Thief River Falls	Thief River Falls City of	Minnesota
Third Street	Clarksdale City of	Mississippi
Thomas Fitzhugh	Arkansas Electric Coop Corp	Arkansas
Thomas Hill	Associated Electric Coop Inc	Missouri
Thompson Falls	Montana Power Co	Montana
Thomson	Minnesota Power & Light Co	Minnesota
Thornapple	Northern States Power Co	Wisconsin
Thorpe	Nantahala Power & Light Co	North Carolina
Thousand Springs	Idaho Power Co	Idaho
Three Mile Island	GPU Nuclear Corp	Pennsylvania
Thurlow Dam	Alabama Power Co	Alabama
Tiger Creek	Pacific Gas & Electric Co	California
Tillery	Carolina Power & Light Co	North Carolina
Tims Ford	Tennessee Valley Authority	Tennessee
Tipton	Tipton City of	Iowa
Titus	Metropolitan Edison Co	Pennsylvania
Toadtown	Pacific Gas & Electric Co	California
Togiak	Alaska Village Elec Coop Inc	Alaska
Tok	Alaska Power & Telephone Co	Alaska
Tokete Falls	PacificCorp	Oregon
Toksook Bay	Alaska Village Elec Coop Inc	Alaska
Toledo Bend	Gulf States Utilities Co	Texas
Tolk Station	Southwestern Public Service Co	Texas
Toina	Metropolitan Edison Co	Pennsylvania
Tom G Smith	Lake Worth City of	Florida
Tomahawk	Wisconsin Public Service Corp	Wisconsin
Toronto	Ohio Edison Co	Ohio
Torrington	Connecticut Light & Power Co	Connecticut
Totem Bight	Ketchikan City of	Alaska
Tower	Wolverine Pwr Supply Coop Inc	Michigan
Tower	Wolverine Pwr Supply Coop Inc	Michigan
Tracy	Connecticut Light & Power Co	Connecticut
Tracy	Sierra Pacific Power Co	Nevada
Tradinghouse	Texas Utilities Generating Co	Texas
Trego	Northern States Power Co	Wisconsin
Trenton	Trenton City of	Nebraska
Trenton Channel	Delta Edison Co	Michigan
Trenton Diesel	Trenton City of	Missouri
Trenton Falls	Niagara Mohawk Power Corp	New York
Trenton Peaking	Trenton City of	Missouri
Trinidad	Texas Utilities Generating Co	Texas
Trinidad	Trinidad City of	Colorado
Trinity	Bureau of Reclamation	California
Trojan	Portland General Electric Co	Oregon
Troy	Citizens Utilities Co	Vermont
Truman	Truman Public Utilities Comm	Minnesota
Trving	Mid-State Service Co	Michigan
Tuckasegee	Nantahala Power & Light Co	North Carolina
Tuckertown	Yadkin Inc	North Carolina
Tucuman	Southwestern Public Service Co	New Mexico
Tugalo	Georgia Power Co	Georgia
Tule	Pacific Gas & Electric Co	California
Tule	Southern California Edison Co	California

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Tulia	Tulia City of	Texas
Tulloch	Oakdale & South San Joaquin	California
Tulsa	Public Service Co of Oklahoma	Oklahoma
Tunnel	Connecticut Light & Power Co	Connecticut
Tununak	Alaska Village Elec Coop Inc	Alaska
Turkey Point	Florida Power & Light Co	Florida
Turlock Lake	Turlock Irrigation District	California
Turner Shoals	Duke Power Co	North Carolina
Turners Falls	Western Massachusetts Elec Co	Massachusetts
Turnip	Imperial Irrigation District	California
Tuxedo	Duke Power Co	North Carolina
Twin Branch	Indiana Michigan Power Co	Indiana
Twin Falls	Idaho Power Co	Idaho
Twin Falls	Wisconsin Electric Power Co	Michigan
Two Harbors	Two Harbors City of	Minnesota
Tyndall	Tyndall City of	South Dakota
Tyrone	Kentucky Utilities Co	Kentucky
TA 3	U S ERDA-Los Alamos Area Off	New Mexico
TP 4	Guadalupe Blanco River Auth	Texas
Ubly	Thumb Electric Coop-Michigan	Michigan
Uintah	Moon Lake Electric Assn Inc	Utah
Unalakleet	Matanuska Electric Assn Inc	Alaska
Unalakleet-Wind	Matanuska Electric Assn Inc	Alaska
Union City	Union City City of	Michigan
Union Valley	Sacramento Municipal Util Dist	California
Unionville	Associated Electric Coop Inc	Missouri
Unionville	Unionville City of	Missouri
Upper	Monroe City City of	Utah
Upper Baker	Mt Pleasant City of	Utah
Upper Dawson	Puget Sound Power & Light Co	Washington
Upper Falls	Turlock Irrigation District	California
Upper Gorge	Washington Water Power Co	Washington
Upper Malad	Los Angeles City of	California
Upper Molina	Idaho Power Co	Idaho
Upper Power Plant	Bureau of Reclamation	Colorado
Upper Salmon Falls A	Idaho Falls City of	Idaho
Upper Salmon Falls B	Idaho Power Co	Idaho
Upper Weed	Idaho Power Co	Idaho
Urquhart	Gresham Village of	Idaho
Urquhart	Duke Power Co	Wisconsin
V H Braunig	South Carolina Electric&Gas Co	South Carolina
Vail	San Antonio City of	South Carolina
Valdez	Lyndonville Village of	Texas
Valencia	Copper Valley Elec Assn Inc	Vermont
Valley	Citizens Utilities Co	Alaska
Valley	Texas Utilities Generating Co	Arizona
Valley City	Wisconsin Electric Power Co	Texas
Valley Gen Station	Valley City City of	Wisconsin
Valley View	Los Angeles City of	North Dakota
Valmont	Metropolitan Water District	California
Vandalia	Public Service Co of Colorado	California
Varick	Vandalia City of	Colorado
Veazie A	Niagara Mohawk Power Corp	Missouri
Veazie B	Bangor Hydro-Electric Co	New York
Venice	Bangor Hydro-Electric Co	Maine
Venice	Metropolitan Water District	Maine
Verdi	Union Electric Co	California
Vergennes 9	Sierra Pacific Power Co	Illinois
Vermilion	Green Mountain Power Corp	Nevada
Vermillion	Illinois Power Co	Vermont
Vermont Yankee	Vermillion City of	Illinois
Vernon	Vermont Yankee Nucl Pwr Corp	South Dakota
Vernon	New England Power Co	Vermont
Vernon	New England Power Co	New Hampshire
Vernon	West Texas Utilities Co	New Hampshire
Vero Beach Municipal	Vero Beach City of	Texas
Vestaburg	Wolverine Pwr Supply Coop Inc	Florida
Veyo	PacifiCorp	Michigan
Viaduct	Union Electric Co	Utah
Victor J Daniel Jr	Mississippi Power Co	Missouri
Victoria	Central Power & Light Co	Mississippi
Victoria	Upper Peninsula Power Co	Texas
Vienna	Delmarva Power & Light Co	Michigan
Village Plant	Enosburg Falls Village of	Maryland
Villisca	Villisca City of	Vermont
Vinton	Vinton City of	Iowa
Viola	Viola City of	Iowa
Virginia	Virginia City of	Wisconsin
		Minnesota

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Vischer Ferry	Power Authority of State of NY	New York
Viva Naughton	PacifiCorp	Wyoming
Vogtle	Georgia Power Co	Georgia
Volta 1	Pacific Gas & Electric Co	California
Volta 2	Pacific Gas & Electric Co	California
W A Parish	Houston Lighting & Power Co	Texas
W B Tuttle	San Antonio City of	Texas
W F Swoope	New Smyrna Beach Utils Comm	Florida
W E Warno	California Dept-Wtr Resources	California
W H Hill	Hawaii Electric Light Co Inc	Hawaii
W H Sammis	Ohio Edison Co	Ohio
W H Weatherspoon	Carolina Power & Light Co	North Carolina
W K Sanders	Morrisville Village of	Vermont
W N Clark	Centel Corp	Colorado
W R Poage	Brazos Electric Power Coop Inc	Texas
W S Lee	Duke Power Co	South Carolina
Wabash River	Public Service Co of IN Inc	Indiana
Wading River	Long Island Lighting Co	New York
Wahoo	Wahoo City of	Nebraska
Waiau	Hawaii Electric Light Co Inc	Hawaii
Waiau	Hawaiian Electric Co Inc	Hawaii
Waimea	Hawaii Electric Light Co Inc	Hawaii
Wakeoney	Midwest Energy Inc	Kansas
Wakefield Plant	Nebraska Public Power District	Nebraska
Wales	Alaska Village Elec Coop Inc	Alaska
Wallace Dam	Georgia Power Co	Georgia
Wallenpaupack	Pennsylvania Power & Light Co	Pennsylvania
Wallowa Falls	PacifiCorp	Oregon
Wainut	Turlock Irrigation District	California
Walter Bouldin Dam	Alabama Power Co	Alabama
Walter C Bockjord	Cincinnati Gas & Electric Co	Ohio
Walter F George	USCE-Mobile District	Georgia
Walters	Carolina Power & Light Co	North Carolina
Walterville	Eugene City of	Oregon
Wamogo	Wamego City of	Kansas
Wanapum	PUD No 2 of Grant County	Washington
Wanship	Weber Basin Water Conserv Dist	Utah
Wansley	Georgia Power Co	Georgia
Warren	Pennsylvania Electric Co	Pennsylvania
Warren	Potomac Edison Co	Virginia
Warren	Warren City of	Minnesota
Warren Street	Peabody City of	Massachusetts
Warrick	Southern Indiana Gas & Elec Co	Indiana
Warwick	Crisp County Power Comm	Georgia
Washington	Washington City of	Kansas
Washington Island	Washington Island El Coop Inc	Wisconsin
Washon	Sierra Pacific Power Co	Nevada
Watauga	Tennessee Valley Authority	Tennessee
Waterbury 22	Green Mountain Power Corp	Vermont
Waterlee	Duke Power Co	South Carolina
Waterloo	South Carolina Electric & Gas Co	South Carolina
Waterford	Louisiana Power & Light Co	Louisiana
Waterford 1 & 2	Louisiana Power & Light Co	Louisiana
Waterloo	New York State Elec & Gas Corp	New York
Waterloo	Waterloo City of	Illinois
Waterport	Niagara Mohawk Power Corp	New York
Waters River	Peabody City of	Massachusetts
Waterside	Consolidated Edison Co-NY Inc	New York
Waterside	Louisville Gas & Electric Co	Kentucky
Watts Bar	Tennessee Valley Authority	Tennessee
Watts Bar	Tennessee Valley Authority	Tennessee
Wauchula	Wauchula City of	Florida
Waukegan	Commonwealth Edison Co	Illinois
Wausau	Wisconsin Public Service Corp	Wisconsin
Wautoma	North American Hydro Inc	Wisconsin
Way	Wisconsin Electric Power Co	Michigan
Wayne	Pennsylvania Electric Co	Pennsylvania
Wayne	Wayne City of	Nebraska
Weatherford	Weatherford Mun Utility System	Texas
Webber	Consumers Power Co	Michigan
Webbers Falls	USCE-Tulsa District	Oklahoma
Weber	PacifiCorp	Utah
Webster	Houston Lighting & Power Co	Texas
Webster	Northwestern Public Service Co	South Dakota
Webster	Webster City City of	Iowa
Webster City	Alabama Power Co	Alabama
Weiss Dam	Public Service Co of Oklahoma	Oklahoma
Welchka	Wellingtton City of	Kansas
Wellington		

**Table D1. Alphabetical List of Plants, 1989 (Continued)**

Plant Name	Utility Name	State
Walls	PUD No 1 of Douglas County	Washington
Walls	Walls City of	Minnesota
Walsh	Southwestern Electric Power Co	Texas
Walsh	Walsh Town of	Louisiana
Werner	Jersey Central Power&Light Co	New Jersey
West Babylon	Long Island Lighting Co	New York
West Bend	West Bend City of	Iowa
West Buxton	Central Maine Power Co	Maine
West Charleston	Barton Village Inc	Vermont
West Coxsackie	Central Hudson Gas & Elec Corp	New York
West Danville 15	Green Mountain Power Corp	Vermont
West Entfield	Bangor Hydro-Electric Co	Maine
West Faribault	Northern States Power Co	Minnesota
West Liberty	West Liberty City of	Iowa
West Lorain	Ohio Edison Co	Ohio
West Marinette	Wisconsin Public Service Corp	Wisconsin
West Modway	Boston Edison Co	Massachusetts
West Phoenix	Arizona Public Service Co	Arizona
West Point	Pacific Gas & Electric Co	California
West Point	USCE-Mobile District	Georgia
West Point Municipal	West Point City of	Nebraska
West Shore	Pennsylvania Power & Light Co	Pennsylvania
West Side	PacificCorp	Oregon
West Springfield	Western Massachusetts Elec Co	Massachusetts
West Station	Vinland City of	New Jersey
West Substation	Dulmarva Power & Light Co	Delaware
West Tisbury	Commonwealth Electric Co	Massachusetts
West 14th St	Winfield City of	Kansas
West 41st Street	Cleveland City of	Ohio
Westbrook	Westbrook City of	Minnesota
Weston	Central Maine Power Co	Maine
Weston	Wisconsin Public Service Corp	Wisconsin
Westport	Baltimore Gas & Electric Co	Maryland
Westside	Nevada Power Co	Nevada
Weyauwega	Wisconsin Electric Power Co	Wisconsin
Weybridge	Central Vermont Pub Serv Corp	Vermont
Wheaton	Northern States Power Co	Wisconsin
Wheeler	Tennessee Valley Authority	Alabama
Whiskeytown	Redding City of	California
White Bluff	Arkansas Power & Light Co	Arkansas
White Lake	Public Service Co of NH	New Hampshire
White Rapids	Wisconsin Electric Power Co	Michigan
White River	Northern States Power Co	Wisconsin
White River	Puget Sound Power & Light Co	Washington
White River	R V Light & Power Co	South Dakota
White Rock	Sacramento Municipal Util Dist	California
Whitehead	Springville City of	Utah
Whitehorn	Puget Sound Power & Light Co	Washington
Whitesboro	Whitesboro City of	Texas
Whitewater Valley	Richmond City of	Indiana
Whitney	USCE-Fort Worth District	Texas
Whittemore	Whittemore City of	Iowa
Wichita	Kansas Gas & Electric Co	Kansas
Widows Creek	Tennessee Valley Authority	Alabama
Wilber	Wilber City of	Nebraska
Wilbur	Tennessee Valley Authority	Tennessee
Wilder	New England Power Co	New Hampshire
Wilder	New England Power Co	Vermont
Wildwood	Marshfield City of	Wisconsin
Wilkes	Southwestern Electric Power Co	Texas
Wilkins	Clarksdale City of	Mississippi
Wilkins Station	Marblehead City of	Massachusetts
Will County	Commonwealth Edison Co	Illinois
Willamette	Eugene City of	Oregon
William F Wyman	Central Maine Power Co	Maine
William J Neal	Basin Electric Power Coop	North Dakota
Williams	Central Maine Power Co	Maine
Williams	South Carolina Genertg Co Inc	South Carolina
Williams Fork	Denver City & County of	Colorado
Williamsburg	Pennsylvania Electric Co	Pennsylvania
Williamsport	Pennsylvania Power & Light Co	Pennsylvania
Williston	Montana-Dakota Utilities Co	North Dakota
Willmar	Willmar Municipal Utis Comm	Minnesota
Willow Glen	Gulf States Utilities Co	Louisiana
Willow Island	Monongahola Power Co	West Virginia
Wilmarth	Northern States Power Co	Minnesota
Wilmot	Detroit Edison Co	Michigan
Wilson	Georgia Power Co	Georgia

Table D1. Alphabetical List of Plants, 1989 (Continued)

Plant Name	Utility Name	State
Wilson	Tennessee Valley Authority	Alabama
Wilson	USCE Kansas City District	Kansas
Wilton	Wilton City of	Iowa
Winchester	Soyland Power Coop Inc	Illinois
Windom	Windom City of	Minnesota
Winfield	Appalachian Power Co	West Virginia
Winnomucca	Sierra Pacific Power Co	Nevada
Winnoka	Winnoka Village of	Illinois
Winslow	Suponor Water Light&Power Co	Wisconsin
Wintersol	Wintersol City of	Iowa
Winton	Minnesota Power & Light Co	Minnesota
Winyah	South Carolina Pub Serv Auth	South Carolina
Wisconsin Rapids	Consolidated Water Power Co	Wisconsin
Wisconsin River Div	Consolidated Water Power Co	Wisconsin
Wiscov 170	Hochoster Gas & Electric Corp	New York
Wise	Pacific Gas & Electric Co	California
Wisnor	Wisnor City of	Nebraska
Wissota	Northern States Power Co	Wisconsin
Wm F Matson Gen Stat	Allegheny Electric Coop Inc	Pennsylvania
Wolcott	Hardwick Town of	Vermont
Wolf Creek	USCE Nashville District	Kentucky
Wolf Creek	Wolf Creek Nuclear Oper Corp	Kansas
Wood River	Idaho Power Co	Idaho
Wood River	Illinois Power Co	Illinois
Woodland Road	Western Massachusetts Elec Co	Massachusetts
Woodleaf	Croville-Wyandotte Irrig Dist	California
Woodward	Oklahoma Gas & Electric Co	Oklahoma
Woodward	Western Farmers Elec Coop Inc	Oklahoma
Wrangell	Wrangell City of	Alaska
Wright	Greenwood Utilities Comm	Mississippi
Wrightsville Hy Plnt	Washington Electric Coop Inc	Vermont
Wyandotte	Wyandotte Municipal Serv Comm	Michigan
Wyle	Duke Power Co	South Carolina
Wyman	Central Maine Power Co	Maine
Wyodak	PacificCorp	Wyoming
WNP	Washington Pub Pwr Supply Sys	Washington
Yakutat	Yakutat Power Inc	Alaska
Yale	PacificCorp	Washington
Yaleville	Niagara Mohawk Power Corp	New York
Yankee Rowe	Yankee Atomic Electric Co	Massachusetts
Yankee Street	Dayton Power & Light Co	Ohio
Yankton New	Northwestern Public Service Co	South Dakota
Yankton Old	Northwestern Public Service Co	South Dakota
Yards Creek	Jersey Central Power&Light Co	New Jersey
Yates	Georgia Power Co	Georgia
Yates Dam	Alabama Power Co	Alabama
Yazoo	Public Serv Comm of Yazoo City	Mississippi
Yellowstone	Moqn Lake Electric Assn Inc	Utah
Yellowtail	Bureau of Reclamation	Montana
Yonah	Georgia Power Co	Georgia
Yorba Linda	Metropolitan Water District	California
York Haven	Metropolitan Edison Co	Pennsylvania
Yorktown	Virginia Electric & Power Co	Virginia
Yuma	Yuma City of	Colorado
Yuma Axis	Arizona Public Service Co	Arizona
Yuma Axis (Pucca)	Arizona Public Service Co	Arizona
Zeeland	Zeeland City of	Michigan
Zion	Commonwealth Edison Co	Illinois
Zorn	Courtsville Gas & Electric Co	Kentucky
Zuni	Public Service Co of Colorado	Colorado
26 Foot Drop	Sierra Pacific Power Co	Nevada
59th Street	Consolidated Edison Co-NY Inc	New York
74th Street	Consolidated Edison Co-NY Inc	New York
99 Islands	Duke Power Co	South Carolina

Source: Energy Information Administration, Form EIA-860 "Annual Electric Generator Report"

**Table D2. List of Plants by State, 1989**

State / Plant Name	Utility Name	Plant Name	Utility Name
<b>Alabama</b>			
Bankhead Dam	Alabama Power Co	Harry	Alabama Power Co
Browns Ferry	Tennessee Valley Authority	Charles H Lowman	Alabama Electric Coop Inc
Chickasaw	Alabama Power Co	Colbert	Tennessee Valley Authority
E. C. Gaston	Alabama Power Co	Gadsden	Alabama Power Co
Grant	Alabama Electric Coop Inc	Gargas	Alabama Power Co
Greene County	Alabama Power Co	Guntersville	Tennessee Valley Authority
H Noely Henry Dam	Alabama Power Co	Harris Dam	Alabama Power Co
Holt Dam	Alabama Power Co	James H Miller Jr	Alabama Power Co
Jones Bluff	USGE Mobile District	Jordan Dam	Alabama Power Co
Joseph M Farley	Alabama Power Co	Lay Dam	Alabama Power Co
Lewis Smith Dam	Alabama Power Co	Loagan Martin Dam	Alabama Power Co
Martin Dam	Alabama Power Co	McWilliams	Alabama Electric Coop Inc
Millers Ferry	USGE Mobile District	Mitchell Dam	Alabama Power Co
Point A	Alabama Electric Coop Inc	Thudow Dam	Alabama Power Co
Wallor Bouldin Dam	Alabama Power Co	Weiss Dam	Alabama Power Co
Wheeler	Tennessee Valley Authority	Widows Creek	Tennessee Valley Authority
Wilson	Tennessee Valley Authority	Yates Dam	Alabama Power Co
<b>Alaska</b>			
Alakanuk	Alaska Village Elec Coop Inc	Ambler	Alaska Village Elec Coop Inc
Anchorage 1	Anchorage City of	Aniak	Aniak Light & Power Co Inc
Annex Creek	Alaska Electric Light&Power Co	Anvik	Alaska Village Elec Coop Inc
Barrow	Barrow Util & Elec Coop Inc	Boaver Falls	Ketchikan City of
Beluga	Chugach Electric Assn Inc	Bornico Lake	Chugach Electric Assn Inc
Bethel	Bethel Utilities Corp Inc	Bottles Light & Pwr	Bettles Light & Power Inc
Blue Lake	Sitka City of & Borough of	Centennial	Mottakalla Power & Light
Chena	Fairbanks City of	Chester Lake	Mottakalla Power & Light
Chevak	Alaska Village Elec Coop Inc	Cooper Lake	Chugach Electric Assn Inc
Craig	Alaska Power & Telephone Co	Dillingham	Nushagak Electric Coop Inc
Dot Lake	Alaska Power & Telephone Co	Eek	Alaska Village Elec Coop Inc
Egegik	Egegik Light & Power Co	Eklutna	Alaska Power Administration
Elim	Alaska Village Elec Coop Inc	Emmonak	Alaska Village Elec Coop Inc
Evak	Cordova Electric Coop Inc	Fairbanks	Golden Valley Elec Assn Inc
Gambell	Alaska Village Elec Coop Inc	George M Sullivan	Golden Valley Elec Assn Inc
Glenallen	Copper Valley Elec Assn Inc	Gold Creek	Anchorage City of
Goodnews Bay	Alaska Village Elec Coop Inc	Gravling	Alaska Electric Light&Power Co
Green Lake	Sitka City of & Borough of	Gwitchyaa Zoo	Alaska Village Elec Coop Inc
Haines	Haines Light & Power Co Inc	Hallbut Point	Gwitchyaa Zhee Utility Co
Hoaly	Golden Valley Elec Assn Inc	Holy Cross	Sitka City of & Borough of
Hooper Bay	Alaska Village Elec Coop Inc	Hughes	Alaska Village Elec Coop Inc
Huslia	Alaska Village Elec Coop Inc	Hydaburg	Hughes Power & Light Co
I-N-N Electric	I-N-N Electric Coop Inc	Indian River	Alaska Power & Telephone Co
International	Chugach Electric Assn Inc	Katag	Sitka City of & Borough of
Ketchikan	Ketchikan City of	Kiana	Alaska Village Elec Coop Inc
Kivalina	Alaska Village Elec Coop Inc	Kodiak	Alaska Village Elec Coop Inc
Kotzebue	Kotzebue Electric Assn Inc	Koyuk	Kodiak Electric Assn Inc
Larson	Larson Bay City of	Lomon Creek	Alaska Village Elec Coop Inc
Lower Kalsiak	Alaska Village Elec Coop Inc	Manley	Alaska Electric Light&Power Co
Marshall	Alaska Village Elec Coop Inc	McGrath	Manley Utility Co Inc
Mokoryuk	Alaska Village Elec Coop Inc	Metalakalla	McGrath Light & Power Co
Minto	Alaska Village Elec Coop Inc	Mountain Village	Mottakalla Power & Light
Naknek	Naknek Electric Assn Inc	Now Stuyahok	Alaska Village Elec Coop Inc
Noatak	Alaska Village Elec Coop Inc	Noorvik	Alaska Village Elec Coop Inc
North Pole	Golden Valley Elec Assn Inc	Northway	Alaska Village Elec Coop Inc
Nulato	Alaska Village Elec Coop Inc	Nunapitchuk	Northway Power & Light Inc
Old Harbor	Alaska Village Elec Coop Inc	Orca	Alaska Village Elec Coop Inc
Polican	Polican Utility Co	Petersburg	Cordova Electric Coop Inc
Pilot Station	Alaska Village Elec Coop Inc	Port Lions	Petersburg City of
Purple Lake	Mottakalla Power & Light	Qunbhagak	Kodiak Electric Assn Inc
Russian Mission	Alaska Village Elec Coop Inc	S W Bailey	Alaska Village Elec Coop Inc
Salmon Creek 1	Alaska Electric Light&Power Co	Salmon Creek 2	Ketchikan City of
Savoonga	Alaska Village Elec Coop Inc	Scammon Bay	Alaska Electric Light&Power Co
Solawik	Alaska Village Elec Coop Inc	Soldovia	Alaska Village Elec Coop Inc
Seward	Seward City of	Shageluk	Homor Electric Assn Inc
Shaktolik	Alaska Village Elec Coop Inc	Shishmaref	Alaska Village Elec Coop Inc
Shungnak	Alaska Village Elec Coop Inc	Silver	Alaska Village Elec Coop Inc
Skaqway	Alaska Power & Telephone Co	Snake River	Ketchikan City of
Snottisham	Alaska Power Administration	Soldotna	Nomo Joint Utility Systems
Solomon Gulch	Copper Valley Elec Assn Inc	St Mary's	Alaska Electric G & T Coop Inc
St Michael	Alaska Village Elec Coop Inc	Stebbins	Alaska Village Elec Coop Inc
Swan Lake Hydro	Ketchikan City of	Terror Lake	Alaska Village Elec Coop Inc
Togiak	Alaska Village Elec Coop Inc	Tok	Kodiak Electric Assn Inc
Toksook Bay	Alaska Village Elec Coop Inc	Totem Bight	Alaska Power & Telephone Co
Tununak	Alaska Village Elec Coop Inc	Unalakleet	Ketchikan City of
Unalakleet Wind	Matanuska Electric Assn Inc	Valdez	Matanuska Electric Assn Inc
Wales	Alaska Village Elec Coop Inc	Wrangell	Copper Valley Elec Assn Inc
Yakutat	Yakutat Power Inc		Wrangell City of
<b>Arizona</b>			



**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
Aqua Fria	Salt River Proj Ag I & P Dist	Apache Station	Arizona Electric Pwr Coop Inc
Chidls	Arizona Public Service Co	Cholla	Arizona Public Service Co
Coolidge	U.S. Bureau of Indian Affairs	Coronado	Salt River Proj Ag I & P Dist
Crosscut	Salt River Proj Ag I & P Dist	Davis	Bureau of Reclamation
De Moss Patino	Tucson Electric Power Co	Douglas	Arizona Public Service Co
Glen Canyon	Bureau of Reclamation	Hoover A2	Bureau of Reclamation
Horse Mesa	Salt River Proj Ag I & P Dist	Irving	Arizona Public Service Co
Irvington	Tucson Electric Power Co	Kyrone	Salt River Proj Ag I & P Dist
Mormon Flat	Salt River Proj Ag I & P Dist	Navajo	Salt River Proj Ag I & P Dist
North Loop	Tucson Electric Power Co	Ocotillo	Arizona Public Service Co
Palo Verde	Arizona Public Service Co	Housevill	Salt River Proj Ag I & P Dist
Saguaro	Arizona Public Service Co	Santlan	Salt River Proj Ag I & P Dist
South Consolidated	Salt River Proj Ag I & P Dist	Springerville	Century Power Corp
Stewart Mountain	Salt River Proj Ag I & P Dist	Valencia	Arizona Utilities Co
West Phoenix	Arizona Public Service Co	Yuma Axis	Arizona Public Service Co
Yuma Axis (rucca)	Arizona Public Service Co		
<b>Arkansas</b>			
Arkansas Nuclear One	Arkansas Power & Light Co	Boavor	USCE Little Rock District
Benton	Benton City of	Blakely Mountain	USCE Vicksburg District
Blytheville	Arkansas Power & Light Co	Bull Shoals	USCE Little Rock District
Carl Balley	Arkansas Electric Coop Corp	Carponter	Arkansas Power & Light Co
Cool Lynch	Arkansas Power & Light Co	Dardanallo	USCE Little Rock District
DeGray	USCE Vicksburg District	Elba Hydroelectric	Arkansas Electric Coop Corp
Fairbanks	Augusta City of	Elm Creek	Southwestern Electric Power Co
Greens Ferry Lake	USCE Little Rock District	Hamilton Mosos	Arkansas Power & Light Co
Harvey Couch	Arkansas Power & Light Co	Independence	Arkansas Power & Light Co
Lake Catherine	Arkansas Power & Light Co	Mabulvalo	Arkansas Power & Light Co
McJollian	Arkansas Electric Coop Corp	Municipal Light	Piggott City of
Murray	North Little Rock City of	Narrows	USCE Vicksburg District
Norfolk	USCE Little Rock District	Oscola	Oscola City of
Ozark	USCE Little Rock District	Paragould	Paragould City of
Remmel	Arkansas Power & Light Co	Robert E. Hitchco	Arkansas Power & Light Co
Thomas Fitzhugh	Arkansas Electric Coop Corp	White Bluff	Arkansas Power & Light Co
<b>California</b>			
A G Wishon	Pacific Gas & Electric Co	Alamitos	Southern California Edison Co
Alamo	California Dept Wtr Resources	Alta	Pacific Gas & Electric Co
Angels	Pacific Gas & Electric Co	Azusa	Pasadena City of
Balch 1	Pacific Gas & Electric Co	Balch 2	Pacific Gas & Electric Co
Boar Valley	Escondido City of	Boardsloy	Oakdale & South San Joaquin
Bolden	Pacific Gas & Electric Co	Big Creek 1	Southern California Edison Co
Big Creek 2	Southern California Edison Co	Big Creek 2A	Southern California Edison Co
Big Creek 3	Southern California Edison Co	Big Creek 4	Southern California Edison Co
Big Creek 8	Southern California Edison Co	Big Pine	Los Angeles City of
Bishop Creek 2	Southern California Edison Co	Bishop Creek 3	Southern California Edison Co
Bishop Creek 4	Southern California Edison Co	Bishop Creek 5	Southern California Edison Co
Bishop Creek 6	Southern California Edison Co	Black Butte	Santa Clara City of
Borel	Nevada Irrigation District	Bottle Rock	California Dept Wtr Resources
Bowman	Nevada Irrigation District	Brawley	Imperial Irrigation District
Broadway	Pasadena City of	Bucks Creek	Pacific Gas & Electric Co
Butt Valley	Pacific Gas & Electric Co	Camanche	East Bay Municipal Util Dist
Carnine	Sacramento Municipal Util Dist	Camp Far West	Sacramento Municipal Util Dist
Caribou 1	Pacific Gas & Electric Co	Caribou 2	Pacific Gas & Electric Co
Caslec	Pacific Gas & Electric Co	Catalina Micro Hydro	Southern California Edison Co
Centerville	Pacific Gas & Electric Co	Chicago Park	Nevada Irrigation District
Chili Bar	Pacific Gas & Electric Co	Coachella	Imperial Irrigation District
Coal Canyon	Pacific Gas & Electric Co	Cogeneration Plant	Santa Clara City of
Coldwater Creek	Sacramento Municipal Util Dist	Coloman	Pacific Gas & Electric Co
Colgate	Yuba County Water Agency	Combo North	Nevada Irrigation District
Combie South	Nevada Irrigation District	Contra Costa	Pacific Gas & Electric Co
Contra Costa Mobile	Pacific Gas & Electric Co	Control Group	Los Angeles City of
Cool Water	Southern California Edison Co	Copeo 1	Pacific Corp
Copeo 2	Pacific Corp	Corona	Metropolitan Water District
Cottonwood	Los Angeles City of	Cow Creek	Pacific Gas & Electric Co
Coyote Creek	Metropolitan Water District	Cranio Valley	Pacific Gas & Electric Co
Crusta	Pacific Gas & Electric Co	Deer Creek	Pacific Gas & Electric Co
Devil Canyon	California Dept Wtr Resources	DeSable	Pacific Gas & Electric Co
Diablo Canyon	Pacific Gas & Electric Co	Dion R Holm	San Francisco City & County of
Division	San Diego Gas & Electric Co	Division Creek	Los Angeles City of
Don Pedro	Turlock Irrigation District	Donnells	Oakdale & South San Joaquin
Double Warr	Imperial Irrigation District	Downsville	Pacific Gas & Electric Co
Drop No 5	Imperial Irrigation District	Drop 1	Imperial Irrigation District
Drop 2	Imperial Irrigation District	Drop 3	Imperial Irrigation District
Drop 4	Imperial Irrigation District	Drum 1	Pacific Gas & Electric Co
Drum 2	Pacific Gas & Electric Co	Dutch Flat	Pacific Gas & Electric Co
Dutch Flat 2	Nevada Irrigation District	DAF 50 Wind Turbine	Southern California Edison Co
East Highline	Imperial Irrigation District	Eastwood	Southern California Edison Co
Edward Hyatt	California Dept Wtr Resources	El Cajon	San Diego Gas & Electric Co
El Centro	Imperial Irrigation District	El Dorado	Pacific Gas & Electric Co

**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
El Segundo	Southern California Edison Co	Electra	Pacific Gas & Electric Co
Elwood	Southern California Edison Co	Encha	San Diego Gas & Electric Co
Elwanda	Southern California Edison Co	Exchequer	Merced Irrigation District
Fall Creek	PacifiCorp	Farad	Sierra Pacific Power Co
Fish Power	Yuba County Water Agency	Folsom	Bureau of Reclamation
Fontana	Southern California Edison Co	Foothill Leader	Motropolitan Water District
Foothill Power	Los Angeles City of	Forbostown	Oroville-Wyandotte Irrig Dist
Franklin	Los Angeles City of	French Meadows	Placer County Water Agency
Glanora	Santa Clara City of	Glenarm	Pasadena City of
Grayson	Glendale City of	Groy Avonue	Motropolitan Water District
Haas	Pacific Gas & Electric Co	Haiwoo	Los Angeles City of
Halsey	Pacific Gas & Electric Co	Hamilton Branch	Pacific Gas & Electric Co
Harbor Gen Station	Los Angeles City of	Hat Creek 1	Pacific Gas & Electric Co
Hat Creek 2	Pacific Gas & Electric Co	Haynes Gen Station	Los Angeles City of
Heber	San Diego Gas & Electric Co	Hell Hole	Placer County Water Agency
Holms	Pacific Gas & Electric Co	Hickman	Turlock Irrigation District
Highgrove	Southern California Edison Co	Higblino	Santa Clara City of
Humboldt Bay	Pacific Gas & Electric Co	Hortlers Point	Pacific Gas & Electric Co
Huntington Beach	Southern California Edison Co	Inskip	Pacific Gas & Electric Co
Iron Gate	PacifiCorp	James B Black	Pacific Gas & Electric Co
Jaybird	Sacramento Municipal Util Dist	Jones Fork	Sacramento Municipal Util Dist
Judge E Carr	Bureau of Reclamation	Kaweah 1	Southern California Edison Co
Kaweah 2	Southern California Edison Co	Kaweah 3	Southern California Edison Co
Keamy	San Diego Gas & Electric Co	Kelly Ridge	Oroville-Wyandotte Irrig Dist
Korckhoff	Pacific Gas & Electric Co	Korckhoff 2	Pacific Gas & Electric Co
Korn	Pacific Gas & Electric Co	Korn Canyon	Pacific Gas & Electric Co
Korn River 1	Southern California Edison Co	Korn River 3	Southern California Edison Co
Keswick	Bureau of Reclamation	Kilarc	Pacific Gas & Electric Co
Kings Beach	Sierra Pacific Power Co	Kings River	Pacific Gas & Electric Co
La Grange	Turlock Irrigation District	Lake Mathews	Pacific Gas & Electric Co
Lewiston	Bureau of Reclamation	Limo Saddle	Motropolitan Water District
Long Beach	Southern California Edison Co	Loon Lake	Pacific Gas & Electric Co
Lundy	Southern California Edison Co	Lytlo Creek	Sacramento Municipal Util Dist
Magnolia	Burbank City of	Mammoth Pool	Southern California Edison Co
Mandalay	Southern California Edison Co	McClellon	Southern California Edison Co
McClure	Modesto Irrigation District	McSwain	Sacramento Municipal Util Dist
Morood Falls	Pacific Gas & Electric Co	Middle Fork	Merced Irrigation District
Middle Gorge	Los Angeles City of	Mill Creek 1	Placer County Water Agency
Mill Creek 2	Southern California Edison Co	Mill Creek 3	Southern California Edison Co
Miramar	San Diego Gas & Electric Co	Moccasin	Southern California Edison Co
Moccasin Low Head	San Francisco City & County of	Morro Bay	San Francisco City & County of
Moss Landing	Pacific Gas & Electric Co	Murphys	Pacific Gas & Electric Co
Narrows	Pacific Gas & Electric Co	Naval Station	Pacific Gas & Electric Co
Naval Training Ctr	San Diego Gas & Electric Co	Now Hogan	San Diego Gas & Electric Co
Now Molones	Bureau of Reclamation	New Narrows	Modesto Irrigation District
Newcastle	Pacific Gas & Electric Co	Nimbus	Yuba County Water Agency
North Island	San Diego Gas & Electric Co	O'Neill	Bureau of Reclamation
Oak Flat	Pacific Gas & Electric Co	Oakland	Bureau of Reclamation
Olive	Burbank City of	Ontano 1	Pacific Gas & Electric Co
Ontano 2	Southern California Edison Co	Ormond Beach	Southern California Edison Co
Oxbow	Placer County Water Agency	Papazian	Southern California Edison Co
Pardoo	East Bay Municipal Util Dist	Parker	Merced Irrigation District
Parker	Merced Irrigation District	Pobbly Beach	Bureau of Reclamation
Porns	Motropolitan Water District	Phoenix	Southern California Edison Co
Pilot Knob	Imperial Irrigation District	Pine Flat	Pacific Gas & Electric Co
Pit 1	Pacific Gas & Electric Co	Pit 3	Kings River Conservation Dist
Pit 4	Pacific Gas & Electric Co	Pit 5	Pacific Gas & Electric Co
Pit 6	Pacific Gas & Electric Co	Pit 7	Pacific Gas & Electric Co
Pittsburg	Pacific Gas & Electric Co	Pleasant Valley	Pacific Gas & Electric Co
Poe	Pacific Gas & Electric Co	Poolo	Los Angeles City of
Portal	Southern California Edison Co	Portola	Southern California Edison Co
Potrero	Pacific Gas & Electric Co	Potter Valley	Sierra Pacific Power Co
PVUSA 1	Pacific Gas & Electric Co	Ralston	Pacific Gas & Electric Co
Rancho Seco	Sacramento Municipal Util Dist	Rod Mountain	Placer County Water Agency
Rafondo Beach	Southern California Edison Co	Rota	Motropolitan Water District
Rincon Power	Escondido City of	Rio Hondo	Merced Irrigation District
Robbs Peak	Sacramento Municipal Util Dist	Robert C Kirkwood	Motropolitan Water District
Rock Creek	Pacific Gas & Electric Co	Rockwood	San Francisco City & County of
Rollins	Nevada Irrigation District	Rush Creek	Imperial Irrigation District
Salt Springs Unit 1	Pacific Gas & Electric Co	San Bernardino	Southern California Edison Co
San Dimas	Motropolitan Water District	San Fernando	Southern California Edison Co
San Franciscoquito 1	Los Angeles City of	San Franciscoquito 2	Los Angeles City of
San Geronimo 1	Southern California Edison Co	San Geronimo 2	Los Angeles City of
San Joaquin 1A	Pacific Gas & Electric Co	San Joaquin 2	Southern California Edison Co
San Joaquin 3	Pacific Gas & Electric Co	San Luis	Pacific Gas & Electric Co
San Onofre	Southern California Edison Co	Sand Bar	California Dept Wtr Resources
Santa Ana 1	Southern California Edison Co	Santa Ana 2	Oakdale & South San Joaquin
Santa Ana 3	Southern California Edison Co	Sawtelle	Southern California Edison Co
			Los Angeles City of

**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
Scattergood Glen Sta	Los Angeles City of	Scott Flat	Nevada Irrigation District
Sopulveda Canyon	Metropolitan Water District	Shasta	Bureau of Reclamation
Sierra	Southern California Edison Co	Silver Gate	San Diego Gas & Electric Co
Slab Creek	Sacramento Municipal Util Dist	Sly Creek	Oroville-Wyandotte Irrig Dist
Smudge	Sacramento Municipal Util Dist	Solar	Sacramento Municipal Util Dist
South	Pacific Gas & Electric Co	South Bay	San Diego Gas & Electric Co
Spaulding 1	Pacific Gas & Electric Co	Spaulding 2	Pacific Gas & Electric Co
Spaulding 3	Pacific Gas & Electric Co	Spring Creek	Bureau of Reclamation
Spring Gap	Pacific Gas & Electric Co	Stampede	Bureau of Reclamation
Stanislaus	Pacific Gas & Electric Co	Station B	San Diego Gas & Electric Co
Stone Drop	Modesto Irrigation District	Stony Gorge	Santa Clara City of
Tomescal	Metropolitan Water District	The Geysers	Pacific Gas & Electric Co
Thermalito	California Dept-Wtr Resources	Thermalito Diversion	California Dept Wtr Resources
Tiger Creek	Pacific Gas & Electric Co	Toadtown	Pacific Gas & Electric Co
Trinity	Bureau of Reclamation	Tule	Pacific Gas & Electric Co
Tule	Southern California Edison Co	Tulloch	Oakdale & South San Joaquin
Turlock Lake	Turlock Irrigation District	Turnip	Imperial Irrigation District
Union Valley	Sacramento Municipal Util Dist	Upper Dawson	Turlock Irrigation District
Upper Gorge	Los Angeles City of	Valley Gun Station	Los Angeles City of
Valley View	Metropolitan Water District	Venice	Metropolitan Water District
Volta 1	Pacific Gas & Electric Co	Volta 2	Pacific Gas & Electric Co
W E Warner	California Dept-Wtr Resources	Walnut	Turlock Irrigation District
West Point	Pacific Gas & Electric Co	Whiskeytown	Hodding City of
White Rock	Sacramento Municipal Util Dist	Wise	Pacific Gas & Electric Co
Woodleaf	Oroville-Wyandotte Irrig Dist	Yorba Linda	Metropolitan Water District
<b>Colorado</b>			
Alamosa	Public Service Co of Colorado	Amos	Colorado-Ute Electric Assn Inc
Arapahoe	Public Service Co of Colorado	Big Thompson	Bureau of Reclamation
Blue Mesa	Bureau of Reclamation	Boulder	Public Service Co of Colorado
Burlington	Burlington City of	Burlington	In-State G & T Assn Inc
Cabin Creek	Public Service Co of Colorado	Cameo	Public Service Co of Colorado
Center	Center City of	Cherokee	Colorado Ute Electric Assn Inc
Comanche	Public Service Co of Colorado	Craig	Dolla City of
Crystal	Bureau of Reclamation	Dolla	Bureau of Reclamation
Dillon	Denver City & County of	Estes	Denver City & County of
Flatiron	Bureau of Reclamation	Footfalls	Public Service Co of Colorado
Fort Lupton	Public Service Co of Colorado	Fruita	Public Service Co of Colorado
George Birdsell	Colorado Springs City of	Georgetown	Haxton Town of
Green Mountain	Bureau of Reclamation	Haxton	Holly City of
Hayden	Colorado-Ute Electric Assn Inc	Holly	Julesburg City of
Holyoke	Holyoke City of	Julesburg	Lamar City of
La Junta	La Junta City of	Lamar	Longmont City of
Las Animas	Las Animas City of	Longmont	Colorado Springs City of
Lower Molina	Bureau of Reclamation	Manitou	Bureau of Reclamation
Martin Drake	Colorado Springs City of	Marys Lake	Bureau of Reclamation
Morrow Point	Bureau of Reclamation	Mount Elbert	Colorado-Ute Electric Assn Inc
Nuclea	Colorado-Ute Electric Assn Inc	Ouray	Public Service Co of Colorado
Palisade	Public Service Co of Colorado	Pawnee	Contel Corp
Pole Hill	Bureau of Reclamation	Pueblo	Colorado Springs City of
Rawhide	Platte River Power Authority	Hay D Nixon	Denver City & County of
Redlands	Hedlands Water & Power Co	Roberts Tunnel	Colorado Springs City of
Rocky Ford	Contel Corp	Ruxton	Public Service Co of Colorado
Salida 1	Public Service Co of Colorado	Salida 2	Springfield City of
Shoshone	Public Service Co of Colorado	Springfield	Colorado-Ute Electric Assn Inc
Strontia Springs	Denver City & County of	Tacoma	Bureau of Reclamation
Trinidad	Trinidad City of	Upper Molina	Contel Corp
Valmont	Public Service Co of Colorado	W N Clark	Yuma City of
Williams Fork	Denver City & County of	Yuma	
Zuni	Public Service Co of Colorado		
<b>Connecticut</b>			
Bantam	Connecticut Light & Power Co	Branford	Connecticut Light & Power Co
Bridgeport Harbor	United Illuminating Co	Bulls Bridge	Connecticut Light & Power Co
Cos Cob	Connecticut Light & Power Co	Devon	Connecticut Light & Power Co
English	United Illuminating Co	Falls Village	Connecticut Light & Power Co
Franklin Drive	Connecticut Light & Power Co	Gilman	Gilman Brothers Co
Haddam Neck	Connecticut Yankee Atom Pwr Co	Middletown	Connecticut Light & Power Co
Millstone	Northeast Nuclear Energy Co	Montville	Connecticut Light & Power Co
New Haven Harbor	United Illuminating Co	North Main Street	Norwich City of
Norwalk Harbor	Connecticut Light & Power Co	Occum	Norwich City of
Pierce	Wallingford Town of	Rainbow	Farmington River Power Co
Robertsville	Connecticut Light & Power Co	Rocky River	Connecticut Light & Power Co
Scotland Dam	Connecticut Light & Power Co	Second Street	Norwich City of
Shopaug	Connecticut Light & Power Co	South Meadow	Connecticut Light & Power Co
South Norwalk	South Norwalk City of	Steel Point	United Illuminating Co
Stevenson	Connecticut Light & Power Co	Taffville	Connecticut Light & Power Co
Tenth Street	Norwich City of	Torrington	Connecticut Light & Power Co
Tracy	Connecticut Light & Power Co	Tunnel	Connecticut Light & Power Co
<b>Delaware</b>			

**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
Christiana	Delmarva Power & Light Co	Delaware City	Delmarva Power & Light Co
Edge Moor	Delmarva Power & Light Co	Hay Road	Delmarva Power & Light Co
Indian River	Delmarva Power & Light Co	Lowen	Lowen City of
Madison Street	Delmarva Power & Light Co	Mekoo Run	Dover City of
Seaford	Delmarva Power & Light Co	West Substation	Dover City of
<b>District of Columbia</b>			
Benning	Potomac Electric Power Co	Buzzard Point	Potomac Electric Power Co
<b>Florida</b>			
Aracole	Florida Power Corp	Arwah B Hopkins	Tallahassee City of
Avon Park	Florida Power Corp	Bayboro	Florida Power Corp
Big Bend	Tampa Electric Co	Big Pine	Key West City of
Blue Springs	Florida Public Utilities Co	C D McIntosh Jr	Lakeland City of
Capo Canaveral	Florida Power & Light Co	Cast	Gulf Power Co
Crystal River	Florida Power Corp	Godjoe	Key West City of
Cutter	Florida Power & Light Co	Debarv	Florida Power Corp
Deerhaven	Gainesville Regional Utilities	E J Gannon	Tampa Electric Co
Fort Myers	Florida Power & Light Co	G E Turner	Florida Power Corp
G W Ivoy	Homestead City of	Glencoe Road	New Smyrna Beach Utils Comm
Hansel	Kissimmee Utility Authority	Henry D King	Fort Pierce Utilities Auth
Higgins	Florida Power Corp	Hookers Point	Tampa Electric Co
Indian River	Orlando Utilities Comm	Intercession City	Florida Power Corp
J D Kennedy	Jacksonville Electric Auth	J H Kelly	Gainesville Regional Utilities
J Woodruff	USCE Mobile District	Jackson Bluff	Tallahassee City of
Key West	Key West City of	Lanon Memorial	Lakeland City of
Lauderdale	Florida Power & Light Co	Manatee	Florida Power & Light Co
Marathon	Florida Keys LI Coop Assn Inc	Marlin	Florida Power & Light Co
North Causeway	New Smyrna Beach Utils Comm	Northside	Florida Power & Light Co
P L Bartow	Florida Power Corp	Port Everglades	Jacksonville Electric Auth
Port St Joe	Florida Power Corp	Portland	Florida Power & Light Co
Pulman	Florida Power & Light Co	Rio Pinar	Alabama Electric Coop Inc
Riviera	Florida Power & Light Co	S O Purdom	Florida Power Corp
Sanford	Florida Power & Light Co	Scholz	Tallahassee City of
Sebring Dinner	Sebring Utilities Comm	Sebring Park Street	Gulf Power Co
Sebring Phillips	Sebring Utilities Comm	Seminole	Sebring Utilities Comm
Smith	Gulf Power Co	Smith Street	Seminole Electric Coop Inc
Southside	Jacksonville Electric Auth	St Cloud	New Smyrna Beach Utils Comm
St Johns River Power	Jacksonville Electric Auth	St Lucie	St Cloud City of
Stanton Energy	Orlando Utilities Comm	Starko	Florida Power & Light Co
Stock Island	Key West City of	Suwannee River	Starko City of
Tom G Smith	Lake Worth City of	Turkey Point	Florida Power Corp
Vero Beach Municipal	Vero Beach City of	W E Swoopo	Florida Power & Light Co
Wauchula	Wauchula City of		New Smyrna Beach Utils Comm
<b>Georgia</b>			
Allatoona	USCE Mobile District	Arkwright	Georgia Power Co
Atkinson	Georgia Power Co	Barnett Shoals	Georgia Power Co
Bartletts Ferry	Georgia Power Co	Blue Ridge	Tennessee Valley Authority
Boulevard	Savannah Electric & Power Co	Bowen	Georgia Power Co
Bulford	USCE Mobile District	Burton	Georgia Power Co
Carters	USCE Mobile District	Crisp	Crisp County Power Comm
Edwin F Hatch	Georgia Power Co	E Staloah	Georgia Power Co
Flint River	Georgia Power Co	Goat Rock	Georgia Power Co
Hammond	Georgia Power Co	Harlow Branch	Georgia Power Co
Hartwell Lake	USCE Savannah District	Jack McDonough	Georgia Power Co
Langdale	Georgia Power Co	Lloyd Shoals	Georgia Power Co
McIntosh	Savannah Electric & Power Co	McManus	Georgia Power Co
Mitchell	Georgia Power Co	Morgan Falls	Georgia Power Co
Blacoochoe	Georgia Power Co	North Highlands	Georgia Power Co
Olyer Dam	Georgia Power Co	Port Wentworth	Georgia Power Co
Richard Russell	USCE Savannah District	Riverside	Savannah Electric & Power Co
Riverview	Georgia Power Co	Schorer	Savannah Electric & Power Co
Sinclair Dam	Georgia Power Co	Slovens Creek	Georgia Power Co
Tallahassee Hydro Proj	Oglethorpe Power Corp	Tallahah Falls	South Carolina Electric & Gas Co
Torrora	Georgia Power Co	Tugalo	Georgia Power Co
Vogtle	Georgia Power Co	Wallace Dam	Georgia Power Co
Walter F George	USCE Mobile District	Wansloy	Georgia Power Co
Warwick	Crisp County Power Comm	West Point	Georgia Power Co
Wilson	Georgia Power Co	Yates	USCE Mobile District
Yonah	Georgia Power Co		Georgia Power Co
<b>Hawaii</b>			
Cooke Gon Station	Mau Electric Co Ltd	Honolulu	Hawaiian Electric Co Inc
Kahe	Hawaiian Electric Co Inc	Kahului	Mau Electric Co Ltd
Kanoelohua	Hawaiian Electric Light Co Inc	Koahalo	Hawaiian Electric Light Co Inc
Maalaea	Mau Electric Co Ltd	Port Allen	Citizens Utilities Co
Puna	Hawaiian Electric Light Co Inc	Puulo	Hawaiian Electric Light Co Inc
Shipman	Hawaiian Electric Light Co Inc	W H Eild	Hawaiian Electric Light Co Inc
Waiau	Hawaiian Electric Light Co Inc	Waiau	Hawaiian Electric Light Co Inc
Waimea	Hawaiian Electric Light Co Inc		
<b>Idaho</b>			

Table D2. List of Plants by State, 1989 (Continued)

State / Plant Name	Utility Name	Plant Name	Utility Name
Albion Falls	USCE Portland District	American Falls	Idaho Power Co
Anderson Ranch	Bureau of Reclamation	Ashton	Pacificorp
Black Canyon	Bureau of Reclamation	Bism	Idaho Power Co
Boise River Div	Bureau of Reclamation	Bonners Ferry	Bonners Ferry City of
Brownlee	Idaho Power Co	C. J. Binko	Idaho Power Co
Cahoon George	Washington Water Power Co	Cascade	Idaho Power Co
City Power Plant	Idaho Falls City of	Clout Lake	Idaho Power Co
Cove	PacificCorp	Dwornhak	USA Portland District
Fell	Fall River Rural Elec Coop Inc	Gony State	Idaho Falls City of
Grace	PacificCorp	East Chance	PacificCorp
Lower Malad	Idaho Power Co	Lower No 1	Idaho Falls City of
Lower No 2	Idaho Falls City of	Lower Salmon	Idaho Power Co
Mindoka	Bureau of Reclamation	Moxie Springs	Bonners Ferry City of
New Fell	Fall River Rural Elec Coop Inc	Onida	PacificCorp
Palmades	Bureau of Reclamation	Paris	PacificCorp
Post Falls	Washington Water Power Co	Salmon	Idaho Power Co
Shoshone Falls	Idaho Power Co	Soda	PacificCorp
Soda Springs No 1	Soda Springs City of	Soda Springs No 2	Soda Springs City of
St Anthony	PacificCorp	Swan Falls	Idaho Power Co
Thousand Springs	Idaho Power Co	Twin Falls	Idaho Falls City of
Upper Malad	Idaho Power Co	Upper Power Plant	Idaho Power Co
Upper Salmon Falls A	Idaho Power Co	Upper Salmon Falls B	
Wood River	Idaho Power Co		
<b>Illinois</b>			
Baldwin	Illinois Power Co	Bloom	Commonwealth Edison Co
Bradwood	Commonwealth Edison Co	Brown	Commonwealth Edison Co
Bushnell	Bushnell City of	Byron	Commonwealth Edison Co
Calumet	Commonwealth Edison Co	Carlyle	Carlyle City of
Carmi	Carmi City of	Clinton	Illinois Power Co
Carleboon	Central Illinois Pub Serv Co	Collins	Commonwealth Edison Co
Crawford	Commonwealth Edison Co	Dullman	Springfield City of
Dayton	Hydro Op One Associates	Dixon	Commonwealth Edison Co
Dresden	Commonwealth Edison Co	Duck Creek	Central Illinois Light Co
E. D. Edwards	Central Illinois Light Co	Electric Junction	Commonwealth Edison Co
Factory	Springfield City of	Fairfield	Fairfield City of
Farmer City	Farmor City City of	Fisk	Commonwealth Edison Co
Fariburg	Fariburg Village of	Gonosso	Gonosso City of
Grand Tower	Central Illinois Pub Serv Co	Hayana	Illinois Power Co
Hennopo	Illinois Power Co	Highland	Highland City of
Hutsonville	Central Illinois Pub Serv Co	Johel 29	Commonwealth Edison Co
Johel 4	Commonwealth Edison Co	Joppa Steam	Electric Energy Inc
Kincard	Commonwealth Edison Co	La Salle	Commonwealth Edison Co
Lakeside	Springfield City of	Lombard	Commonwealth Edison Co
Marion	Southern Illinois Power Coop	Mascoutah	Mascoutah City of
McLeansboro	McLeansboro City of	Maradonia	Central Illinois Pub Serv Co
Molino	Iowa Illinois Gas & Electric Co	Newton	Central Illinois Pub Serv Co
North Ninth Street	Hochelle Municipal Utilities	Oglosby	Illinois Power Co
Peart Station	Soyland Power Coop Inc	Peru	Peru City of
Pittsfield	Soyland Power Coop Inc	Powerton	Commonwealth Edison Co
Princeton	Princeton City of	Quad Cities	Commonwealth Edison Co
Rantoul	Rantoul Village of	Rod Bud	Rod Bud City of
Reynolds	Springfield City of	Rockton	South Bolot Water Gas & Elec Co
Sabrooke	Commonwealth Edison Co	South Main Street	Hochelle Municipal Utilities
Stallings	Illinois Power Co	Stirling Avenue	Central Illinois Light Co
Sullivan	Sullivan City of	Yorko	Union Electric Co
Vermilion	Illinois Power Co	Watadoo	Waterloo City of
Waukegan	Commonwealth Edison Co	Will County	Commonwealth Edison Co
Winchester	Soyland Power Coop Inc	Winnoka	Winnoka Village of
Wood River	Illinois Power Co	Zion	Commonwealth Edison Co
<b>Indiana</b>			
A. B. Brown	Southern Indiana Gas & Elec Co	Bally	Northern Indiana Pub Serv Co
Bluffton	Bluffton City of	Breed	Indiana Michigan Power Co
Broadway	Southern Indiana Gas & Elec Co	Cayuga	Public Service Co of IN Inc
Clifty Creek	Indiana Kentucky Electric Corp	Connersville	Public Service Co of IN Inc
Crawfordsville	Crawfordsville Elec Lgt & Pwr Co	Doan H. Mitchell	Northern Indiana Pub Serv Co
Edwardsport	Public Service Co of IN Inc	Elkhart	Indiana Michigan Power Co
Elmer W. Stout	Indianapolis Power & Light Co	F. B. Gulloy	Southern Indiana Gas & Elec Co
Fourth Street	Indiana Michigan Power Co	Frank F. Halls	Hosier Energy R. E. C. Inc
Gibson	Public Service Co of IN Inc	H. T. Pritchard	Indianapolis Power & Light Co
Jasper 2	Jasper City of	Loganport	Loganport City of
Marland	Public Service Co of IN Inc	Merom	Hosier Energy R. E. C. Inc
Miami Wabash	Public Service Co of IN Inc	Michigan City	Northern Indiana Pub Serv Co
Noblesville	Public Service Co of IN Inc	Northeast	Southern Indiana Gas & Elec Co
Norway	Northern Indiana Pub Serv Co	Oakdale	Northern Indiana Pub Serv Co
Perry E.	Indianapolis Power & Light Co	Perry W.	Indianapolis Power & Light Co
Peru	Peru City of	Petersburg	Indianapolis Power & Light Co
R. Gallagher	Public Service Co of IN Inc	H. M. Schaefer	Northern Indiana Pub Serv Co
Honsselaer	Honsselaer City of	Rockport	Indiana Michigan Power Co

**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
St. Joe Dam	Fort Wayne City of	State Line	Commonwealth Edison Co. Ill. Inc.
Tanner, Capok	Indiana Michigan Power Co.	Two Branch	Indiana Michigan Power Co.
Walpole River	Public Service Co. of Ill. Inc.	Warwick	Southern Indiana Gas & Elec. Co.
Whitewater Valley	Richmond City of		
<b>Iowa</b>			
Algona	Algona City of	Alla	Alla City of
Ames	Ames City of	Amos	Iowa Electric Light & Power Co.
Ames (1)	Amos City of	Anita	Anita City of
Atlantic	Atlantic City of	Babcock	Barnett City of
Bellevue	Bellevue City of	Bloomfield	Bloomfield City of
Brooklyn	Brooklyn City of	Burlington	Iowa Southern Utilities Co.
Cascade	Cascade City of	Castroville	Iowa Southern Utilities Co.
Coggon	Coggon City of	Coon Rapids	Coon Rapids City of
Conroyville	Iowa Illinois Gas&Electric Co.	Corning	Corning City of
Council Bluffs	Iowa Power Inc.	Dayton	Dayton City of
Demson	Demson City of	Des Moines	Iowa Power Inc.
Duane Arnold	Iowa Electric Light & Power Co.	Dubuque	Interstate Power Co.
Durant	Durant City of	Earl J. Wisdom	Corn Belt Power Coop.
East Hydro	Waverly City of	East Plant	Waverly City of
Electroform	Iowa Public Service Co.	Easthoro	Easthoro City of
Ear Station	Central Iowa Power Coop.	Forest City	Forest City City of
Gas Turbine	Cedar Falls City of	George Nood	Iowa Public Service Co.
Gowno	Gowno City of	Gradinger	Gradinger City of
Grand Junction	Grand Junction City of	Greenfield	Greenfield City of
Grandy Center	Grandy Center City of	Hartley	Hartley City of
Hawarden	Hawarden City of	Hopkinton	Hopkinton City of
Humboldt	Corn Belt Power Coop.	Independence	Independence City of
Indianola	Indianola City of	Iowa Falls	Iowa Electric Light & Power Co.
Keokuk	Union Electric Co.	Kimballton	Kimballton City of
La Porte	La Porte City City of	Lake Mills	Lake Mills City of
Lake Park	Lake Park City of	Lamon	Lamon City of
Lansing	Interstate Power Co.	Laurons	Laurons City of
Lenox	Lenox City of	Lousa	Iowa Illinois Gas&Electric Co.
Manilla	Manilla Town of	Manning	Manning City of
Manson	Iowa Illinois Gas&Electric Co.	Maquoketa	Iowa Electric Light & Power Co.
Maquoketa	Maquoketa City of	Marshalltown	Iowa Electric Light & Power Co.
McCrogor	McCrogor City of	Merle Parr	Iowa Public Service Co.
Milford	Milford City of	Milton E. Kapp	Interstate Power Co.
Montezuma	Montezuma City of	Mt Pleasant	Mt Pleasant City of
Municipal 01	Traor City of	Muscatine	Muscatine City of
Now Albion	Interstate Power Co.	Now Hampton	Now Hampton City of
North Plant	Waverly City of	Ogdon	Ogdon City of
Onawa Mun. 11 & Power	Onawa City of	Orange City	Orange City City of
Osage	Osage City of	Ottumwa	Iowa Southern Utilities Co.
Ottumwa	Ottumwa City of	Paulina	Paulina City of
Polka	Polka City of	Prairie Creek	Iowa Electric Light & Power Co.
Prairiehar	Prairiehar City of	Romson	Romson City of
Ronwick	Ronwick City of	River Falls	Iowa Power Inc.
Riverside	Iowa Illinois Gas&Electric Co.	Rock Rapids	Rock Rapids City of
Hockford	Hockford City of	Sarborn	Sarborn City of
Sibley No. One	Sibley City of	Sibley No. Two	Sibley City of
Sears Center	Sears Center City of	Sixth Street	Iowa Electric Light & Power Co.
Spencer	Spencer City of	Stalo Center	Stalo Center City of
Story City	Story City City of	Strawberry Point	Strawberry Point City of
Streator Station	Cedar Falls City of	Stuart	Stuart City of
Summit Lake	Central Iowa Power Coop.	Sumner	Sumner City of
Sutherland	Iowa Electric Light & Power Co.	Sycamore	Iowa Power Inc.
Tipton	Tipton City of	Vilisca	Vilisca City of
Vinton	Vinton City of	Webster City	Webster City City of
West Bond	West Bond City of	West Liberty	West Liberty City of
Whittemore	Whittemore City of	Wilson	Wilson City of
Winterset	Winterset City of		
<b>Kansas</b>			
Abilene	Kansas Power & Light Co.	Anthony	Anthony City of
Arthur Mullergron	Central Corp.	Ashland	Ashland City of
Atlea	Atlea City of	Atwood	Midwest Energy Inc.
Baldwin	Baldwin City City of	Belloville	Belloville City of
Belcat	Belcat City of	Bird City	Midwest Energy Inc.
Burlingame	Burlingame City of	Burlington	Burlington City of
Chanute 1	Chanute City of	Chanute 2	Chanute City of
Chanute 4	Chanute City of	Camerton River	Central Corp.
City Light Plant	Hendon City of	Clay Center	Clay Center City of
Clifton	Central Corp.	Colleyville	Colleyville City of
Colby	Colby City of	Colby	Midwest Energy Inc.
East 4th St	Winhold City of	Ellinwood	Ellinwood City of
Ellis	Midwest Energy Inc.	Eno	Eno City of
Frederica	Frederica City of	Garden City	Sunflower Electric Power Corp.
Garnett	Garnett City of	Gas Turbine	Lanard City of

**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
<b>Arizona</b>	Chirard City of	Goodland	Goodland City of
Gordon Evans	Kansas Gas & Electric Co	Great Bend	Midwest Energy Inc
Greensburg	Greensburg City of	Hays	Midwest Energy Inc
Horsington	Horsington City of	Hill City	Hill City City of
Horsington	Horsington City of	Halecomb	Supply Electric Power Corp
Holton	Holton City of	Hoxo	Midwest Energy Inc
Hugoton 1	Hugoton City of	Hugoton 2	Hugoton City of
Hutchinson	Kansas Power & Light Co	Iola	Iola City of
Jeffrey Energy Contr	Kansas Power & Light Co	Jolimore	Jolimore City of
Johnson	Johnson City of	Judson Large	Contel Corp
Kaw	Kansas City City of	Kangman	Kangman City of
La Crosse	La Crosse City of	La Cygne	Kansas City Power & Light Co
Larbid	Larned City of	Lawrence	Bowersock Mills & Power Co
Lawrence	Kansas Power & Light Co	Lincoln	Lincoln Generator City of
McPherson 1	McPherson City of	McPherson 2	McPherson City of
Moado	Moado City of	Minneapolis	Minneapolis City of
Mulvane	Mulvane City of	Murray Hill	Kansas Gas & Electric Co
Newman Creek	Kansas City City of	Noodin	Noodin City of
Nincho	Kansas Gas & Electric Co	Norton	Norton City of
Oakley	Oakley City of	Oberlin	Oberlin City of
Osage City	Osage City City of	Osawatimie	Osawatimie City of
Osborne	Osborne City of	Ottawa	Ottawa City of
Plant No 1	Augusta City of	Plant No 2	Augusta City of
Prall	Prall City of	Quindaro	Kansas City City of
Riverton	Empire District Electric Co	Ross Beach	Midwest Energy Inc
Russell	Russell City of	Sabolha	Sabolha City of
Sharon Spring	Sharon Springs City of	St Francis	St Francis City of
St John	St John City of	Stafford	Stafford City of
Sterling	Sterling City of	Stockton	Stockton City of
Tocumson	Kansas Power & Light Co	Wakarusa	Midwest Energy Inc
Wamego	Wamego City of	Washington	Washington City of
Wollington	Wollington City of	West 14th St	Winhold City of
Wichita	Kansas Gas & Electric Co	Wilson	USGE - Kansas City District
Wolf Creek	Wolf Creek Nuclear Oper Corp		
<b>Kentucky</b>	USGE - Nashville District	Big Sandy	Kentucky Power Co
Barkley	Louisville Gas & Electric Co	Coloman	Big Rivers Electric Corp
Cano Run	East Kentucky Power Coop Inc	D B Wilson	Big Rivers Electric Corp
Cooper	East Kentucky Power Coop Inc	Dix Dam	Kentucky Utilities Co
Dale	Kentucky Utilities Co	East Bend	Glenhath Gas & Electric Co
E W Brown	Owensboro City of	Ghent	Kentucky Utilities Co
Elmer Smith	Kentucky Utilities Co	H E Spurlock	East Kentucky Power Coop Inc
Green River	Kentucky Utilities Co	Heiderson 1	Henderson City of
Hawling	Big Rivers Electric Corp	Kentucky	Tennessee Valley Authority
HMP&L Station 2	USGE - Nashville District	Lock 7	Kentucky Utilities Co
Laurel	Louisville Gas & Electric Co	Ohio Falls	Louisville Gas & Electric Co
Mill Creek	Louisville Gas & Electric Co	Paradise	Tennessee Valley Authority
Paddy's Run	Louisville Gas & Electric Co	Pineville	Kentucky Utilities Co
Pans	Pans City of	Robert Reid	Big Rivers Electric Corp
R D Caron	Big Rivers Electric Corp	Tyrone	Kentucky Utilities Co
Shawnee	Tennessee Valley Authority	Wolf Creek	USGE - Nashville District
Waterside	Louisville Gas & Electric Co		
Zorn	Louisville Gas & Electric Co		
<b>Louisiana</b>	New Orleans Public Service Inc	Arnaud Hill	Southwestern Electric Power Co
A B Paterson	Cajun Electric Power Coop Inc	Big Cajun 2	Cajun Electric Power Coop Inc
Big Cajun 1	Louisiana Power & Light Co	Coughlin	Central Louisiana Elec Co Inc
Buras	Alexandria City of	Doc Bonin	Lafayette City of
D G Hunter	Central Louisiana Elec Co Inc	Franklin	Central Louisiana Elec Co Inc
Dolet Hills	Terrebonne Parish Consol Gov	Lieberman	Southwestern Electric Power Co
Houma	Louisiana Power & Light Co	Louisiana 1	Gulf States Utilities Co
Little Gypsy	Gulf States Utilities Co	Michoud	New Orleans Public Service Inc
Louisiana 2	Minden City of	Monroe	Louisiana Power & Light Co
Minden	Morgan City City of	Natchitoches	Natchitoches City of
Morgan City	New Roads City of	Ninomi Point	Louisiana Power & Light Co
New Roads	Opalousas City of	Plaquemine	Plaquemine City of
Opalousas	Gulf States Utilities Co	Rayne	Rayne City of
R S Nelson	Gulf States Utilities Co	Rodomacher	Central Louisiana Elec Co Inc
Ryer Bond	Lafayette City of	Huston	Huston City of
Rodomacher	Louisiana Power & Light Co	Teche	Central Louisiana Elec Co Inc
Stirlington	Louisiana Power & Light Co	Waterford	Louisiana Power & Light Co
Thibodaux	Louisiana Power & Light Co	Welsh	Welsh Town of
Waterford 1 & 2	Gulf States Utilities Co		
Willow Glen			
<b>Maine</b>	Central Maine Power Co	Androscog Mill Upper	Central Maine Power Co
Androscog Mill Lower	Central Maine Power Co	Bar Harbor	Bangor Hydro-Electric Co
Androscog Mill 1	Central Maine Power Co	Bates Mill Lower	Central Maine Power Co
Bar Mills	Central Maine Power Co	Bonny Eagle	Central Maine Power Co
Bates Mill Upper	Central Maine Power Co	Brunswick	Central Maine Power Co
Brassau	Central Maine Power Co		

**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
Cape Gas Turbine	Central Maine Power Co	Caribou	Maine Public Service Co
Catawact	Central Maine Power Co	Catawact W Channel	Central Maine Power Co
Continental Mills	Central Maine Power Co	Deer Hills	Central Maine Power Co
Eastport	Bangor Hydro Electric Co	Ellsworth	Bangor Hydro Electric Co
Flew Inn	Maine Public Service Co	Fort Halifax	Central Maine Power Co
Graham Station	Bangor Hydro Electric Co	Gulf Island	Central Maine Power Co
Harris	Central Maine Power Co	Hill Mill	Central Maine Power Co
Hiram	Central Maine Power Co	Houlton	Maine Public Service Co
Howland	Bangor Hydro Electric Co	Islesboro Diesel	Central Maine Power Co
Maine Yankee	Maine Yankee Atomic Power Co	Mason Steam	Central Maine Power Co
Matineus	Matineus Plantation Elec Co	Medway	Bangor Hydro Electric Co
Mosalsensk 2	Central Maine Power Co	Mosalsensk 1	Central Maine Power Co
Mosalsensk 3	Central Maine Power Co	Mosalsensk 5	Central Maine Power Co
Milford	Bangor Hydro Electric Co	Minturn	Swans Island Electric Coop Inc
Northowick	Madison Town of	North Gorham	Central Maine Power Co
Orono	Bangor Hydro Electric Co	Peaks Island Diesel	Central Maine Power Co
Portable	Eastern Maine Electric Coop	River Street	Central Maine Power Co
Shawmut	Central Maine Power Co	Skelton	Eastern Maine Electric Coop
Squa Pao	Maine Public Service Co	Stillwater	Central Maine Power Co
Swans Falls	Public Service Co of NH	Venue A	Bangor Hydro Electric Co
Veazie B	Bangor Hydro Electric Co	West Boston	Bangor Hydro Electric Co
West Field	Bangor Hydro Electric Co	Weston	Central Maine Power Co
William F Wyman	Central Maine Power Co	Williams	Central Maine Power Co
Wyman	Central Maine Power Co		
<b>Maryland</b>			
Berlin	Berlin City of	Brandon Shores	Baltimore Gas & Electric Co
C P Crane	Baltimore Gas & Electric Co	Calvert Cliffs	Baltimore Gas & Electric Co
Chalk Point	Potomac Electric Power Co	Conowingo	Philadelphia Electric Co
Croftfield	Dolmarva Power & Light Co	Deep Creek	Pennsylvania Electric Co
Dickerson	Potomac Electric Power Co	Easton	Eastern Utilities Comm
Easton 2	Eastern Utilities Comm	Gould Street	Baltimore Gas & Electric Co
Hagerstown	Hagerstown City of	Herbert & Wagner	Baltimore Gas & Electric Co
Morgantown	Potomac Electric Power Co	Notch Cliff	Baltimore Gas & Electric Co
Perryman	Baltimore Gas & Electric Co	Philadelphia Road	Baltimore Gas & Electric Co
R P Smith	Potomac Edison Co	Riverside	Baltimore Gas & Electric Co
Smith	A & N Electric Coop	Vienna 1	Dolmarva Power & Light Co
Westport	Baltimore Gas & Electric Co		
<b>Massachusetts</b>			
Airport Diesels	Canal Electric Co	Bear Swamp	New England Power Co
Boabe Holbrook	Holyoke Water Power Co	Blackstone Street	Cambridge Electric Light Co
Boalock	Holyoke Water Power Co	Brayton Point	New England Power Co
Cabot	Western Massachusetts Elec Co	Cabot/Holyoke	Holyoke Gas & Electric Co
Canal	Canal Electric Co	Cannon Street	Commonwealth Electric Co
Chemical	Holyoke Water Power Co	Cherry Street	Hudson Town of
Cleary Flood	Taunton City of	Cobble Mountain	Western Massachusetts Elec Co
Commercial Street	Marblehead City of	Deerfield 2	New England Power Co
Deerfield 3	New England Power Co	Deerfield 4	New England Power Co
Deerfield 5	New England Power Co	Dorson	Western Massachusetts Elec Co
Dwight	Western Massachusetts Elec Co	Edgar	Boston Edison Co
Fife Brook	New England Power Co	Fitchburg	Fitchburg Gas & Elec Light Co
Framingham	Boston Edison Co	Southers Falls	Western Massachusetts Elec Co
Gaoucesler	New England Power Co	Hadley Falls	Holyoke Water Power Co
Indian Orchard	Western Massachusetts Elec Co	Ipswich	Ipswich Town of
Kendall Square	Cambridge Electric Light Co	U Street	Boston Edison Co
Mount Tom	Holyoke Water Power Co	Mystic	Boston Edison Co
Nantucket	Nantucket Electric Co	New Boston	Boston Edison Co
Newburyport	New England Power Co	Northfield Mountain	Western Massachusetts Elec Co
Oak Bluffs	Commonwealth Electric Co	Pilgrim	Boston Edison Co
Potter Station 2	Brantree Town of	Pitts Bridge	Western Massachusetts Elec Co
Red Bridge	Western Massachusetts Elec Co	Riverside	Holyoke Water Power Co
Salem Harbor	New England Power Co	Shorman	New England Power Co
Shrewsbury	Shrewsbury Town of	Silver Lake	Western Massachusetts Elec Co
Skinner	Holyoke Water Power Co	Somerset	Montaup Electric Co
Stony Brook	Massachusetts Mun Whis Elec Co	Tanners Falls	Western Massachusetts Elec Co
Warren Site 1	Peabody City of	Waters River	Western Massachusetts Elec Co
West Midway	Boston Edison Co	West Springfield	Peabody City of
Westbury	Commonwealth Electric Co	Wilkins Station	Western Massachusetts Elec Co
Woodland Road	Western Massachusetts Elec Co	Yankee Howe	Marblehead City of
			Yankee Atomic Electric Co
<b>Michigan</b>			
Advance	Wolverine Pwr Supply Coop Inc	Alcona	Consumers Power Co
Alagan Dam	Consumers Power Co	Antrim	Upper Peninsula Power Co
B C Cobb	Consumers Power Co	B E Morrow	Consumers Power Co
Bayside	Traverse City City of	Beacon Heating	Detroit Edison Co
Beaver Island	Wolverine Pwr Supply Coop Inc	Belle River	Detroit Edison Co
Berrien Springs	Indiana Michigan Power Co	Big Gunnesoc 61	Wisconsin Electric Power Co
Big Gunnesoc 92	Wisconsin Electric Power Co	Big Rock Point	Consumers Power Co
Boardman	Traverse City City of	Brown Bridge	Traverse City City of
Brule	Wisconsin Electric Power Co	Buchanan	Indiana Michigan Power Co



**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
C A Windor	Wolverine Pwr Supply Coop Inc	C W Tippy	Consumers Power Co
Caro	Thumb Electric Coop-Michigan	Cataract	Upper Peninsula Power Co
Chalk Hill	Wisconsin Electric Power Co	Claude Vandyke	Wolverine Pwr Supply Coop Inc
Clinton	Clinton Village of	Coldwater	Coldwater Board of Public Util
Colfax	Detroit Edison Co	Conners Creek	Detroit Edison Co
Constantine	Michigan Power Co	Cooke	Consumers Power Co
Croton	Consumers Power Co	Crystal Falls	Crystal Falls City of
Daffer	Cloverland Electric Coop	Dan E Karn	Consumers Power Co
Dayton	Detroit Edison Co	Detour	Cloverland Electric Coop
Diesel Plant	Grand Haven City of	Diesel Plant	Sturgis City of
Donald C Cook	Indiana Michigan Power Co	Dowagiac	Dowagiac City of
Eckert Station	Lansing City of	Edenville	Wolverine Power Corp
Edison Sault	Edison Sault Electric Co	Elk Rapids	Traverse City City of
Endicott Generating	Michigan South Central Pwr Agy	Erickson	Lansing City of
Escanaba	Upper Peninsula Power Co	Fermi	Detroit Edison Co
Five Channels	Consumers Power Co	Foote	Consumers Power Co
Four Mile Dam	Alpena Power Co	Frank J Russell	Marquette City of
Frank Jenkins	Portland City of	Gaylord	Consumers Power Co
George Johnson	Wolverine Pwr Supply Coop Inc	Gladstone	Upper Peninsula Power Co
Grand Rapids	Wisconsin Public Service Corp	Greenwood	Detroit Edison Co
Hancock	Detroit Edison Co	Harbor Beach	Detroit Edison Co
Hardy	Consumers Power Co	Hart	Hart Hydro City of
Hart Hydro	Hart Hydro City of	Hemlock Falls	Wisconsin Electric Power Co
Hillman	Alpena Power Co	Hillsdale	Hillsdale City of
Hodenpyl	Consumers Power Co	Holst	Upper Peninsula Power Co
Hydro Plant	Sturgis City of	J B Sims	Grand Haven City of
J C Weadock	Consumers Power Co	J H Campbell	Consumers Power Co
J R Whiting	Consumers Power Co	James De Young	Holland City of
John H Warden	Upper Peninsula Power Co	Kingsford	Wisconsin Electric Power Co
Kleber	Wolverine Pwr Supply Coop Inc	Loud	Consumers Power Co
Lowell	Lowell City of	Lower Paint	Wisconsin Electric Power Co
Ludington	Consumers Power Co	Main Street	Sebewaing City of
Manistique	Edison Sault Electric Co	Marshall	Marshall City of
Marysville	Detroit Edison Co	McClure	Upper Peninsula Power Co
Michigamme Falls	Wisconsin Electric Power Co	Middleville	Mid-State Service Co
Mio	Consumers Power Co	Mistersky	Detroit City of
Monroe	Detroit Edison Co	Moore's Park	Lansing City of
Mottville	Michigan Power Co	Newberry	Newberry City of
Niles	Niles City of	Ninth Street Dam	Alpena Power Co
North Lansing	Lansing City of	Northeast	Detroit Edison Co
Norway	Norway City of	Norway Point Dam	Alpena Power Co
Oliver	Detroit Edison Co	Ottawa Street	Lansing City of
Palisades	Consumers Power Co	Peavy Falls	Wisconsin Electric Power Co
Pine Street	Sebewaing City of	Placid 12	Detroit Edison Co
Plant Four	Marquette City of	Plant Two	Marquette City of
Portage	Upper Peninsula Power Co	Portland	Portland City of
Presque Isle	Wisconsin Electric Power Co	Prickett	Upper Peninsula Power Co
Putnam	Detroit Edison Co	Riley	Union City City of
River Rouge	Detroit Edison Co	Rogers	Consumers Power Co
Sabin	Traverse City City of	Saint Marys Falls	USCF-Detroit District
Sanford	Wolverine Power Corp	Scottville	Wolverine Pwr Supply Coop Inc
Secord	Wolverine Power Corp	Shiras	Marquette City of
Sixth Street	Holland City of	Slocum	Detroit Edison Co
Smallwood	Wolverine Power Corp	St Clair	Detroit Edison Co
St Ignace	Edison Sault Electric Co	St Louis	St Louis City of
Straits	Consumers Power Co	Sturgeon	Wisconsin Electric Power Co
Superior	Detroit Edison Co	Superior Falls	Northern States Power Co
Thetford	Consumers Power Co	Tower	Wolverine Pwr Supply Coop Inc
Tower	Wolverine Pwr Supply Coop Inc	Trenton Channel	Detroit Edison Co
Trving	Mid-State Service Co	Twin Falls	Wisconsin Electric Power Co
Ubyl	Thumb Electric Coop-Michigan	Union City	Union City City of
Vestaburg	Wolverine Pwr Supply Coop Inc	Victoria	Upper Peninsula Power Co
Way	Wisconsin Electric Power Co	Webber	Consumers Power Co
White Rapids	Wisconsin Electric Power Co	Wilmot	Detroit Edison Co
Wyandotte	Wyandotte Municipal Serv Comm	Zeeland	Zeeland City of
<b>Minnesota</b>			
Adrian	Adrian Public Utilities Comm	Atkin	Atkin Public Utilities Comm
Alexandria	Alexandria City of	Allen S King	Northern States Power Co
Baudette	Baudette City of	Bemidji	Otter Tail Power Co
Benson	Benson City of	Black Dog	Northern States Power Co
Blanchard	Minnesota Power & Light Co	Blooming Prairie	Blooming Prairie City of
Blue Earth	Blue Earth City of	Blue Lake	Northern States Power Co
Bonifacius	Coop Power Assn	Buhl	Buhl City of
Cambridge	United Power Assn	Cascade Creek	Rochester Public Utilities
Central (Wright)	Otter Tail Power Co	Clay Boswell	Minnesota Power & Light Co
Dayton Hollow	Otter Tail Power Co	Delano	Delano City of
Detroit Lakes	Detroit Lakes City of	Elk River	Elk River City of
Elk River	United Power Assn	Fairfax	Fairfax City of

**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
Fairmont	Fairmont Public Utilities Comm	Fond Du Lac	Minnesota Power & Light Co
Fox Lake	Interstate Power Co	Glencoe	Glencoe Light & Power Comm
Grand Marais	Grand Marais City of	Granite City	Northern States Power Co
Granite Falls	Granite Falls Town of	Halstad	Halstad City of
Hawley	Hawley Public Utilities Comm	Honnepin Island	Northern States Power Co
Hibbing	Hibbing Public Utilities Comm	High Bridge	Northern States Power Co
Hills	Interstate Power Co	Holland Wind	Northern States Power Co
Hoot Lake	Otter Tail Power Co	Inver Hills	Northern States Power Co
Janosville	Janesville City of	Kenyon Municipal	Northern States Power Co
Key City	Northern States Power Co	Knife Falls	Kenyon Municipal Utilities
Lake Crystal	Lake Crystal City of	Lanesboro	Minnesota Power & Light Co
Le Sueur	Le Sueur City of	Litchfield	Lanesboro Public Utility Comm
Little Falls	Minnesota Power & Light Co	Luverne	Litchfield Public Utility Comm
M L Hibbard	Minnesota Power & Light Co	Madelia	Luverne City of
Madison	Madison City of	Maple Lake	Madelia City of
Marshall	Marshall City of	Melrose	United Power Assn
Minnesota Valley	Northern States Power Co	Montgomery	Melrose Public Utilities
Monticello	Northern States Power Co	Moorhead	Interstate Power Co
Moose Lake	Moose Lake Water & Light Comm	Mora	Moorhead City of
Mountain Lake	Mountain Lake City of	New Prague	Mora City of
New Ulm	New Ulm Public Utilities Comm	North Branch	New Prague Mun Utils Comm
Northeast Station	Austin City of	North Branch	North Branch Water&Light Comm
Pillager	Minnesota Power & Light Co	Owatonna	Owatonna City of
Plant 1	Hutchinson Utilities Comm	Pisgah	Otter Tail Power Co
Prairie Island	Northern States Power Co	Plant 2	Hutchinson Utilities Comm
Preston	Preston Public Utilities Comm	Prairie River	Minnesota Power & Light Co
Red Wing	Northern States Power Co	Princeton	Princeton Public Utils Comm
Riverside	Northern States Power Co	Redwood Falls	Redwood Falls Public Util Comm
Rock Lake	United Power Assn	Rochester Hydro	Rochester Public Utilities
Rushford	Interstate Power Co	Roseau	Roseau City of
Sherburne County	Northern States Power Co	Scanlon	Minnesota Power & Light Co
Sleepy Eye	Sleepy Eye Public Utility Comm	Silver Lake	Rochester Public Utilities
Springfield	Springfield Public Utils Comm	Spring Valley	Spring Valley Pub Utils Comm
Sylvan	Minnesota Power & Light Co	Syl Laskin	Minnesota Power & Light Co
Thief River Falls	Thief River Falls City of	Taplin Gorge	Otter Tail Power Co
Truman	Truman Public Utilities Comm	Thomson	Minnesota Power & Light Co
Virginia	Virginia City of	Two Harbors	Two Harbors City of
Wells	Wells City of	Warren	Warren City of
Westbrook	Westbrook City of	West Faribault	Northern States Power Co
Wilmarth	Northern States Power Co	Willmar	Willmar Municipal Utils Comm
Winton	Minnesota Power & Light Co	Windom	Windom City of
<b>Mississippi</b>			
Baxter Wilson	Mississippi Power & Light Co	Benndale	South Mississippi El Pwr Assn
Delta	Mississippi Power & Light Co	Eaton	Mississippi Power Co
Gerald Andrus	Mississippi Power & Light Co	Grand Gulf	System Energy Resources Inc
Henderson	Greenwood Utilities Comm	Jack Watson	Mississippi Power Co
Moselle	South Mississippi El Pwr Assn	Natchez	Mississippi Power & Light Co
Paulding	South Mississippi El Pwr Assn	R D Morrow	South Mississippi El Pwr Assn
Rex Brown	Mississippi Power & Light Co	Standard Oil	Mississippi Power Co
Sweatt	Mississippi Power Co	Third Street	Mississippi Power Co
Victor J Daniel Jr	Mississippi Power Co	Wilkins	Clarksdale City of
Wright	Greenwood Utilities Comm	Yazoo	Clarksdale City of
<b>Missouri</b>			Public Serv Comm of Yazoo City
Albany	Albany City of	Asbury	Empire District Electric Co
Bethany	Bethany City of	Blue Valley	Independence City of
Butler	Butler City of	Callaway	Union Electric Co
Campbell	Campbell City of	Canton	Union Electric Co
Carrollton	Carrollton Board of Public Wks	Carthage	Carthage City of
Chamois	Central Electric Power Coop	Chillicothe	Chillicothe Municipal Utils
Clarence Cannon	USCE-St Louis District	Columbia	Columbia City of
E P Coleman	Sikeston City of	Empire Energy Center	Empire District Electric Co
Fayette	Fayette City of	Fulton	Fulton City of
Gallatin	Gallatin City of	Grand Avenue	Kansas City Power & Light Co
Green Forest	M & A Electric Power Coop	Greenwood Energy Ctr	UtiliCorp United Inc
Harry Truman	USCE-Kansas City District	Hawthorn	Kansas City Power & Light Co
Higginsville	Higginsville City of	Howard Bend	Union Electric Co
Iatan	Kansas City Power & Light Co	Jackson	Jackson City of
Jackson Square	Independence City of	James River	Springfield City of
Jefferson City	Union Electric Co	Kahoka	Kahoka City of
Kansas City Intl	UtiliCorp United Inc	Kennott	Kennott City of
Kirksville	Union Electric Co	La Plata	La Plata City of
Labadie	Union Electric Co	Lake Road	St Joseph Light & Power Co
Macon	Macon City of	Main Street	Springfield City of
Malden	Malden City of	Marshall	Marshall City of
Memphis	Memphis City of	Meramec	Union Electric Co
Mexico	Union Electric Co	Missouri City	Independence City of
Moberly	Union Electric Co	Monroe	Monroe City City of
Montrose	Kansas City Power & Light Co	Moreau	Union Electric Co

**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
Nevada	UtillCorp United Inc	New Madrid	Associated Electric Coop Inc
Niangua	Sho-Me Power Corp	Northeast	Kansas City Power & Light Co
Odessa	Odessa City of	Osage	Union Electric Co
Owensville	Owensville City of	Ozark Beach	Empire District Electric Co
Palmyra Municipal	Palmyra City of	Pattonsburg	Pattonsburg City of
Portable	Union Electric Co	Ralph Green	UtillCorp United Inc
Rich Hill	Rich Hill City of	Rockport	Rockport City of
Rush Island	Union Electric Co	Sibley	UtillCorp United Inc
Sikeston	Sikeston City of	Sioux	Union Electric Co
South River Station	Northeast Missouri El Pwr Coop	Southwest	Springfield City of
Stanberry	Stanberry City of	Station H	Independence City of
Station I	Independence City of	Stockton	USCE-Kansas City District
Table Rock	USCE-Little Rock District	Taum Sauk	Union Electric Co
Thomas Hill	Associated Electric Coop Inc	Trenton Diesel	Trenton City of
Trenton Peaking	Trenton City of	Unionville	Associated Electric Coop Inc
Unionville	Unionville City of	Vandalia	Vandalia City of
Viaduct	Union Electric Co		
<b>Montana</b>			
Big Fork	PacifiCorp	Black Eagle	Montana Power Co
Canyon Ferry	Bureau of Reclamation	Cochrane	Montana Power Co
Colstrip	Montana Power Co	Fort Peck	USCE-Missouri River District
Frank Bird	Montana Power Co	Grandive	Montana-Dakota Utilities Co
Hauser Lake	Montana Power Co	Heilroaring Hydro	USBIA-Flathead Power Division
Holter	Montana Power Co	Hungry Horse	Bureau of Reclamation
J E Corette	Montana Power Co	Kerr	Montana Power Co
Lake Creek	Champion International Corp	Lewis & Clark	Montana-Dakota Utilities Co
Libby	Champion International Corp	Libby	USCE-Portland District
Livingston	Livingston City of	Madison	Montana Power Co
Miles City Comb Turb	Montana-Dakota Utilities Co	Milltown	Montana Power Co
Morony	Montana Power Co	Mystic Lake	Montana Power Co
Noxon Rapids	Washington Water Power Co	Rainbow	Montana Power Co
Ryan	Montana Power Co	Thompson Falls	Montana Power Co
Yellowtail	Bureau of Reclamation		
<b>Nebraska</b>			
Alliance	Alliance City of	Ansley	Ansley City of
Arnold	Arnold Village of	Auburn	Auburn City of
Benkelman	Benkelman City of	Broken Bow	Broken Bow City of
Burwell	Burwell City of	C W Burdick	Grand Island City of
Callaway	Callaway Village of	Cambridge	Cambridge City of
Campbell	Campbell Village of	Canaday	Central Nebraska Pub P&I Dist
Chappell	Chappell City of	City Lt & Water	Beaver City City of
Columbus	Nebraska Public Power District	Cooper Station	Nebraska Public Power District
Crete Mun Power	Crete City of	Curtis	Curtis City of
David City Plant	Nebraska Public Power District	Deshler	Nebraska Public Power District
Don Henry	Hastings City of	Emerson	Emerson City of
Fairbury	Fairbury City of	Falls City	Falls City City of
Fort Calhoun	Omaha Public Power District	Franklin	Franklin City of
Gerald Gentleman Sta	Nebraska Public Power District	Hallam Peaking	Nebraska Public Power District
Hastings Energy Ctr	Hastings City of	Hebron Peaking	Nebraska Public Power District
Holdrege	Holdrege City of	Imperial	Imperial City of
Jeffrey	Central Nebraska Pub P&I Dist	Johnson 1	Central Nebraska Pub P&I Dist
Johnson 2	Central Nebraska Pub P&I Dist	Jones Street	Omaha Public Power District
Kearney	Nebraska Public Power District	Kimball	Kimball City of
Kingsley	Central Nebraska Pub P&I Dist	Laurel	Laurel City of
Lincoln J Street	Lincoln Electric System	Lodgepole	Lodgepole City of
Lon Wright	Fremont City of	Lyons Plant	Nebraska Public Power District
Madison Plant	Nebraska Public Power District	McCook Peaking	Nebraska Public Power District
Minnechaduza	Nebraska Public Power District	Mobile	Nebraska Public Power District
Monroe	Nebraska Public Power District	Mullen	Mullen Village of
Nebraska City	Nebraska City City of	Nebraska City	Omaha Public Power District
North Denver	Hastings City of	North Omaha	Omaha Public Power District
North Platte	Nebraska Public Power District	Ord Plant	Nebraska Public Power District
Oxford	Oxford Village of	Palisade	Southwest Public Power Dist
Pender	Pender City of	Plainview Mun Power	Plainview City of
Platte	Grand Island City of	Randolph Plant	Nebraska Public Power District
Red Cloud	Red Cloud City of	Rokeby	Lincoln Electric System
Sargent	Sargent City of	Sarpy	Omaha Public Power District
Schuyler Plant	Nebraska Public Power District	Sheldon	Nebraska Public Power District
Sidney	Sidney City of	Spalding	Spalding Village of
Spencer	Nebraska Public Power District	Stuart	Stuart City of
Sutherland Plant	Nebraska Public Power District	Syracuse	Nebraska City City of
Tecumseh	Tecumseh City of	Trenton	Trenton City of
Wahoo	Wahoo City of	Wakefield Plant	Nebraska Public Power District
Wayne	Wayne City of	West Point Municipal	West Point City of
Wilber	Wilber City of	Wisner	Wisner City of
<b>Nevada</b>			
Battle Mountain	Sierra Pacific Power Co	Brunswick	Sierra Pacific Power Co
Clark	Nevada Power Co	Elko	

**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
Fallon	Sierra Pacific Power Co	Floish	Sierra Pacific Power Co
Fort Churchill	Sierra Pacific Power Co	Gabbs	Sierra Pacific Power Co
Hoover Dam Pwr Plant	Bureau of Reclamation	Lahontan	Sierra Pacific Power Co
Mohave	Southern California Edison Co	North Valmy	Sierra Pacific Power Co
Roid Gardner	Nevada Power Co	Reno Valley Road	Sierra Pacific Power Co
Sunrise	Nevada Power Co	Tracy	Sierra Pacific Power Co
Verdi	Sierra Pacific Power Co	Washoe	Sierra Pacific Power Co
Westside	Nevada Power Co	Winnemucca	Sierra Pacific Power Co
26 Foot Drop	Sierra Pacific Power Co		Sierra Pacific Power Co
<b>New Hampshire</b>			
Amoskoag	Public Service Co of NH	Ayers Island	Public Service Co of NH
Comerford	New England Power Co	Eastman Falls	Public Service Co of NH
Garvins Falls	Public Service Co of NH	Gorham	Public Service Co of NH
Hooksett	Public Service Co of NH	Jackman	Public Service Co of NH
Lost Nation	Public Service Co of NH	McIndoes	New England Power Co
Merrimack	Public Service Co of NH	Newington	Public Service Co of NH
Schiller	Public Service Co of NH	Smith	Public Service Co of NH
Vernon	New England Power Co	Vernon	New England Power Co
White Lake	Public Service Co of NH	Wilder	New England Power Co
<b>New Jersey</b>			
B L England	Atlantic City Electric Co	Bayonne	Public Service Electric&Gas Co
Bergen	Public Service Electric&Gas Co	Burlington	Public Service Electric&Gas Co
Carlis Corner	Atlantic City Electric Co	Cedar	Atlantic City Electric Co
Deepwater	Atlantic City Electric Co	Edison	Public Service Electric&Gas Co
Essex	Public Service Electric&Gas Co	Forked River	Jersey Central Power&Light Co
Gilbert	Jersey Central Power&Light Co	Glen Gardner	Jersey Central Power&Light Co
Hope Creek	Public Service Electric&Gas Co	Howard Down	Jersey Central Power&Light Co
Hudson	Public Service Electric&Gas Co	Kearny	Vineland City of
Linden	Public Service Electric&Gas Co	Morcer	Public Service Electric&Gas Co
Mickleton	Atlantic City Electric Co	Middle	Public Service Electric&Gas Co
Missouri Avenue	Atlantic City Electric Co	National Park	Atlantic City Electric Co
Oyster Creek	GPU Nuclear Corp	Salem	Public Service Electric&Gas Co
Sayreville	Jersey Central Power&Light Co	Sewaren	Public Service Electric&Gas Co
Werner	Jersey Central Power&Light Co	West Station	Public Service Electric&Gas Co
Yards Creek	Jersey Central Power&Light Co		Vineland City of
<b>New Mexico</b>			
Algodones	Plains Elec Gen&Trans Coop Inc	Animas	Farmington City of
Carlsbad	Southwestern Public Service Co	Cunningham	Southwestern Public Service Co
Elophant Butte	Bureau of Reclamation	Escalante	Plains Elec Gen&Trans Coop Inc
Four Corners	Arizona Public Service Co	Las Vegas	Public Service Co of NM
Lordsburg	Texas-New Mexico Power Co	Maddox	Southwestern Public Service Co
Navajo	Farmington City of	North Lovington	Lea County Electric Coop Inc
Person	Public Service Co of NM	Raton	Raton Public Service Co
Reeves	Public Service Co of NM	Rio Grande	El Paso Electric Co
San Juan	Public Service Co of NM	Tucumcari	Southwestern Public Service Co
TA 3	U S ERDA-Los Alamos Area Off		
<b>New York</b>			
Albany	Niagara Mohawk Power Corp	Allens Falls	Niagara Mohawk Power Corp
Arthur Kill	Consolidated Edison Co-NY Inc	Ashokan	Power Authority of State of NY
Astoria	Consolidated Edison Co-NY Inc	Bakers Falls	Niagara Mohawk Power Corp
Baldwinsville	Niagara Mohawk Power Corp	Boardslee	Niagara Mohawk Power Corp
Beebee Island	Niagara Mohawk Power Corp	Bellfort	Niagara Mohawk Power Corp
Bennetts Bridge	Niagara Mohawk Power Corp	Black River	Niagara Mohawk Power Corp
Blake	Niagara Mohawk Power Corp	Blenheim-Gilboa	Niagara Mohawk Power Corp
Bowline Point	Orange & Rockland Utils Inc	Browns Falls	Power Authority of State of NY
Buchanan	Consolidated Edison Co-NY Inc	C R Huntley	Niagara Mohawk Power Corp
Cadyville	New York State Elec & Gas Corp	Carver Falls	Niagara Mohawk Power Corp
Charles Poletti	Power Authority of State of NY	Chasm	Central Vermont Pub Serv Corp
City of Watertown	Watertown City of	Colton	Niagara Mohawk Power Corp
Copenhagen	Hydro Development Group Inc	Crescent	Niagara Mohawk Power Corp
Danskammer	Central Hudson Gas & Elec Corp	Dashville	Power Authority of State of NY
Deferiet	Niagara Mohawk Power Corp	Dexter	Central Hudson Gas & Elec Corp
Diamond Island	Hydro Development Group Inc	Dunkirk	Hydro Development Group Inc
E F Barrett	Long Island Lighting Co	E J West	Niagara Mohawk Power Corp
Eagle	Niagara Mohawk Power Corp	East Hampton	Niagara Mohawk Power Corp
East Norfolk	Niagara Mohawk Power Corp	East River	Long Island Lighting Co
Eel Weir	Niagara Mohawk Power Corp	Efley	Consolidated Edison Co-NY Inc
Elmer	Niagara Mohawk Power Corp	Ephratah	Niagara Mohawk Power Corp
Far Rockaway	Long Island Lighting Co	Feeder Dam	Niagara Mohawk Power Corp
Fishers Island	Fishers Island Electric Corp	Five Falls	Niagara Mohawk Power Corp
Flat Rock	Niagara Mohawk Power Corp	Fowler No 7 Mill	Niagara Mohawk Power Corp
Franklin	Niagara Mohawk Power Corp	Fullton	Hydro Development Group Inc
Ginna	Rochester Gas & Electric Corp	Glenwood	Niagara Mohawk Power Corp
Glenwood	Niagara Mohawk Power Corp	Goudey	Long Island Lighting Co
Gouverneur	Gouverneur City of	Gowanus	New York State Elec & Gas Corp
Grahamsville	Orange & Rockland Utils Inc	Granby	Consolidated Edison Co-NY Inc
Green Island	Niagara Mohawk Power Corp	Greenidge	Niagara Mohawk Power Corp
Greenport	Greenport Village of	Halesboro No 3 Mill	New York State Elec & Gas Corp
			Hydro Development Group Inc

**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
Halesboro No 4 Mill	Hydro Development Group Inc	Halesboro No 6 Mill	Hydro Development Group Inc
Hannawa	Niagara Mohawk Power Corp	Harris Lake	New York State Elec & Gas Corp
Horrings	Niagara Mohawk Power Corp	Houvolton	Niagara Mohawk Power Corp
Hickling	New York State Elec & Gas Corp	High Dam	Niagara Mohawk Power Corp
High Falls	Central Hudson Gas & Elec Corp	High Falls	New York State Elec & Gas Corp
High Falls	Niagara Mohawk Power Corp	Higley	Niagara Mohawk Power Corp
Hillburn	Orange & Rockland Utils Inc	Hogansburg	Niagara Mohawk Power Corp
Holtsville	Long Island Lighting Co	Hudson Avonue	Consolidated Edison Co-NY Inc
Hydraulic Race	Niagara Mohawk Power Corp	Indian Point	Consolidated Edison Co-NY Inc
Indian Point 3	Power Authority of State of NY	Inghams	Niagara Mohawk Power Corp
James A FitzPatrick	Power Authority of State of NY	Jarvis (Hickley)	Power Authority of State of NY
Jennison	New York State Elec & Gas Corp	Johnsonville	Niagara Mohawk Power Corp
Kamargo	Niagara Mohawk Power Corp	Kensico	Power Authority of State of NY
Kort Falls	New York State Elec & Gas Corp	Kouka	New York State Elec & Gas Corp
Lewisston	New York State Elec & Gas Corp	Lighthouse Hill	Niagara Mohawk Power Corp
Lovett	Power Authority of State of NY	Macomb	Niagara Mohawk Power Corp
Mechanicville	Orange & Rockland Utils Inc	Mechanicville	Niagara Mohawk Power Corp
Mill C	New York State Elec & Gas Corp	Milliken	New York State Elec & Gas Corp
Mills Mills 172	New York State Elec & Gas Corp	Minetto	Niagara Mohawk Power Corp
Mongaup	Rochester Gas & Electric Corp	Montauk	Long Island Lighting Co
Moroau	Orange & Rockland Utils Inc	Moses Niagara	Power Authority of State of NY
Moses Power Dam	Niagara Mohawk Power Corp	Moshier	Niagara Mohawk Power Corp
Mt Morris 160	Power Authority of State of NY	Narrows	Consolidated Edison Co-NY Inc
Neversink	Rochester Gas & Electric Corp	Nine Mile Point	Niagara Mohawk Power Corp
Norfolk	Central Hudson Gas & Elec Corp	Northport	Long Island Lighting Co
Norwood	Niagara Mohawk Power Corp	Oak Orchard	Niagara Mohawk Power Corp
Oswegatchie	Niagara Mohawk Power Corp	Oswego	Niagara Mohawk Power Corp
Oswego Falls East	Niagara Mohawk Power Corp	Oswego Falls West	Niagara Mohawk Power Corp
Parishville	Niagara Mohawk Power Corp	Piercefild	Niagara Mohawk Power Corp
Plant No 1	Freeport Village of Inc	Plant No 2	Freeport Village of Inc
Port Jofferson	Long Island Lighting Co	Prospect	Hydro Development Group Inc
Pyrites 1	Hydro Development Group Inc	Pyrites 2	Niagara Mohawk Power Corp
Rainbow Falls	New York State Elec & Gas Corp	Rainbow Falls	Niagara Mohawk Power Corp
Ravenswood	Consolidated Edison Co-NY Inc	Raymondville	Niagara Mohawk Power Corp
Rio	Orange & Rockland Utils Inc	Rochester 2	Rochester Gas & Electric Corp
Rochester 26	Rochester Gas & Electric Corp	Rochester 3	Rochester Gas & Electric Corp
Rochester 5	Rochester Gas & Electric Corp	Rochester 7	Rochester Gas & Electric Corp
Rochester 9	Rochester Gas & Electric Corp	Rockville	Rochester Gas & Electric Corp
Roseton	Central Hudson Gas & Elec Corp	Rockville Contra Village of	Niagara Mohawk Power Corp
S A Carlson	Jamestown City of	Rottorham	Niagara Mohawk Power Corp
School Street	Niagara Mohawk Power Corp	Schaghticoke	Niagara Mohawk Power Corp
Seneca	Seneca Hydroelectric Co Inc	Schuylerville	New York State Elec & Gas Corp
Sewalls	Niagara Mohawk Power Corp	Sonoca Falls	Niagara Mohawk Power Corp
Shoemaker	Orange & Rockland Utils Inc	Shorman Island	Long Island Lighting Co
Skaneateles	Skaneateles Village of	Shoreham	Niagara Mohawk Power Corp
Somerset	New York State Elec & Gas Corp	Soft Maple	Central Hudson Gas & Elec Corp
South Colton	Niagara Mohawk Power Corp	South Cairo	Niagara Mohawk Power Corp
South Glens Falls	Niagara Mohawk Power Corp	South Edwards	Long Island Lighting Co
Southold	Long Island Lighting Co	South Hampton	Niagara Mohawk Power Corp
Springville	Springville Village of	Spirer Falls	Niagara Mohawk Power Corp
Stewarts Bridge	Niagara Mohawk Power Corp	Stark	Central Hudson Gas & Elec Corp
Stuyvesant Falls	Niagara Mohawk Power Corp	Sturgeon Pool	Niagara Mohawk Power Corp
Swinging Bridge 1	Orange & Rockland Utils Inc	Sugar Island	Orange & Rockland Utils Inc
Taylorville	Niagara Mohawk Power Corp	Swinging Bridge 2	Hydro Development Group Inc
Trenton Falls	Niagara Mohawk Power Corp	Theresa	Niagara Mohawk Power Corp
Vischer Ferry	Niagara Mohawk Power Corp	Varick	Long Island Lighting Co
Waterloo	Power Authority of State of NY	Wading River	Niagara Mohawk Power Corp
Waterside	New York State Elec & Gas Corp	Waterport	Long Island Lighting Co
West Coxsackie	Consolidated Edison Co-NY Inc	West Babylon	Long Island Lighting Co
Yaleville	Central Hudson Gas & Elec Corp	Wiscony 170	Rochester Gas & Electric Corp
74th Street	Niagara Mohawk Power Corp	59th Street	Consolidated Edison Co-NY Inc
<b>North Carolina</b>			
Apalachia	Tennessee Valley Authority	Ashoville	Carolina Power & Light Co
Bear Creek	Nantahala Power & Light Co	Bolews Crook	Duke Power Co
Blowell	Carolina Power & Light Co	Brevard	Cascade Power Co
Bridgewater	Duke Power Co	Brunswick	Carolina Power & Light Co
Bryson	Nantahala Power & Light Co	Buck	Duke Power Co
Butler Warner Gon Pl	Fayetteville Public Works Comm	Buxton	Capo Hatteras Elec Member Corp
Cape Fear	Carolina Power & Light Co	Cedar Cliff	Nantahala Power & Light Co
Chatuge	Tennessee Valley Authority	Chocah	Tapoco Inc
Cliffside	Duke Power Co	Cowans Ford	Duke Power Co
Dan River	Duke Power Co	Dillsboro	Nantahala Power & Light Co
Falls	Yadkin Inc	Fontana	Tennessee Valley Authority
Franklin	Nantahala Power & Light Co	G G Allen	Duke Power Co
Gaston	Virginia Electric & Power Co	Harris	Carolina Power & Light Co
High Rock	Yadkin Inc	Hwassee	Tennessee Valley Authority
Idols	Duke Power Co	Kitty Hawk	Virginia Electric & Power Co
L V Sutton	Carolina Power & Light Co	Lake Lure	Lake Lure Town of

**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
Lee	Carolina Power & Light Co	Lookout Shoals	Duke Power Co
Marshall	Carolina Power & Light Co	Marshall	Duke Power Co
Mayo	Carolina Power & Light Co	McGuire	Duke Power Co
Mission	Nantahala Power & Light Co	Merohead	Carolina Power & Light Co
Mountain Island	Duke Power Co	Nantahala	Nantahala Power & Light Co
Narrows	Yadkin Inc	Nottely	Tennessee Valley Authority
Ocracoke	Ideland Electric Member Corp	Oxford	Duke Power Co
Queens Creek	Nantahala Power & Light Co	Rhodhiss	Duke Power Co
Riverbend	Duke Power Co	Roanoke Rapids	Virginia Electric & Power Co
Roxboro	Carolina Power & Light Co	Santeetlah	Tapoco Inc
Sharp Falls	Blue Ridge Elec Member Corp	Sponsor Mountain	Duke Power Co
Slice Shoals	Duke Power Co	Tennessee Creek	Nantahala Power & Light Co
Thotpe	Nantahala Power & Light Co	Tillery	Carolina Power & Light Co
Tuckasogee	Nantahala Power & Light Co	Tuckertown	Yadkin Inc
Turner Shoals	Duke Power Co	Tuxedo	Duke Power Co
W H Weatherspoon	Carolina Power & Light Co	Walters	Carolina Power & Light Co
<b>North Dakota</b>			
Antelope Valley	Basin Electric Power Coop	Coal Creek	Coop Power Assn
Coyote	Montana Dakota Utilities Co	Garrison	USCE Missouri River District
Grafton	Grafton City of	Grand Forks	Minnkota Power Coop Inc
Harwood	Minnkota Power Coop Inc	Jamestown	Otter Tail Power Co
Leland Olds	Basin Electric Power Coop	Lorfeld	Minnkota Power Coop Inc
Milton R Young	Minnkota Power Coop Inc	Mobile	Nodak Rural Electric Coop Inc
Northwood	Northwood City of	Park River	Park River City of
Portable 14B	Otter Tail Power Co	R M Hoskell	Montana-Dakota Utilities Co
Stanton	United Power Assn	Valley City	Valley City City of
William J Neal	Basin Electric Power Coop	Williston	Montana-Dakota Utilities Co
<b>Ohio</b>			
Acme	Toledo Edison Co	Anadarko	Woodsfield City of
Arcanum	Arcanum City of	Ashtabula	Cleveland Electric Illum Co
Avon Lake	Cleveland Electric Illum Co	Bay Shore	Toledo Edison Co
Bryan	Bryan City of	Cardinal	Cardinal Operating Co
Collinwood	Cleveland City of	Conesville	Columbus Southern Power Co
Davis-Bosse	Toledo Edison Co	Dicks Creek	Cincinnati Gas & Electric Co
Dover	Dover City of	Eastlake	Cleveland Electric Illum Co
Edgewater	Ohio Edison Co	Frank M Tait	Dayton Power & Light Co
Gen J M Gavin	Ohio Power Co	Gorge	Ohio Edison Co
Greenup Hydro	Hamilton City of	Hamilton	Hamilton City of
Hamilton	Hamilton City of	J M Stuart	Dayton Power & Light Co
Killen Station	Dayton Power & Light Co	Kyger Creek	Ohio Valley Electric Corp
Lake Road	Cleveland City of	Lake Shore	Cleveland Electric Illum Co
Lebanon	Lebanon City of	Mad River	Ohio Edison Co
Miami Fort	Cincinnati Gas & Electric Co	Monument	Dayton Power & Light Co
Muskingum River	Ohio Power Co	Niles	Ohio Edison Co
O R Hutchings	Dayton Power & Light Co	Oborlin	Oborlin City of
Orrville	Orrville City of	Painesville	Painesville City of
Perry	Cleveland Electric Illum Co	Picway	Columbus Southern Power Co
Piqua	Piqua City of	R E Burger	Ohio Edison Co
Racine	Ohio Power Co	Refuse & Coal	Columbus City of
Richland	Toledo Edison Co	Shelby Munic Lgt Plt	Shelby City of
Sidney	Dayton Power & Light Co	St Marys	St Marys City of
Stryker	Toledo Edison Co	Toronto	Ohio Edison Co
W H Sammis	Ohio Edison Co	Walter C Beckjord	Cincinnati Gas & Electric Co
West Lorain	Ohio Edison Co	West 41st Street	Cleveland City of
Yankee Street	Dayton Power & Light Co		
<b>Oklahoma</b>			
Anadarko	Western Farmers Elec Coop Inc	Arbuckle	Oklahoma Gas & Electric Co
Boomer Lake	Stillwater Utilities Authority	Broken Bow	USCE Tulsa District
Cherokee	Western Farmers Elec Coop Inc	Comanche	Public Service Co of Oklahoma
Cushing	Cushing City of	Enid	Oklahoma Gas & Electric Co
Eufaula	USCE Tulsa District	Fairview	Fairview City of
Fort Gibson	USCE Tulsa District	GRDA	Grand River Dam Authority
Horseshoe Lake	Oklahoma Gas & Electric Co	Hugo	Western Farmers Elec Coop Inc
Keystone	USCE Tulsa District	Kingfisher	Kingfisher City of
Lindsay	Lindsay City of	Mangum	Mangum City of
Markham	Grand River Dam Authority	Mooreland	Western Farmers Elec Coop Inc
Muskogee	Oklahoma Gas & Electric Co	Mustang	Oklahoma Gas & Electric Co
Northeastern	Public Service Co of Oklahoma	Pawhuska	Pawhuska City of
Ponca City	Grand River Dam Authority	Ponca	Ponca City City of
Ponca Diesel	Ponca City City of	Riverside	Public Service Co of Oklahoma
Robert S Kerr	USCE Tulsa District	Sabina	Grand River Dam Authority
Seminole	Oklahoma Gas & Electric Co	Sooner	Oklahoma Gas & Electric Co
Southwestern	Public Service Co of Oklahoma	Tonkiller Ferry	USCE Tulsa District
Tulsa	Public Service Co of Oklahoma	Webbers Falls	USCE Tulsa District
Woleetka	Public Service Co of Oklahoma	Woodward	Oklahoma Gas & Electric Co
Woodward	Western Farmers Elec Coop Inc		
<b>Oregon</b>			
Boaver	Portland General Electric Co	Bond	Pacificorp

**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
Bothol	Portland General Electric Co	Big Cliff	USCE-Portland District
Boardman	Portland General Electric Co	Bonneville	USCE-Portland District
Bull Run	Portland General Electric Co	Carmon Smith	Eugene City of
Clearwater 1	PacifiCorp	Clearwater 2	PacifiCorp
Cline Falls	PacifiCorp	Cougar	USCE-Portland District
Dallos	USCE-Portland District	Detroit	USCE-Portland District
Dexter	USCE-Portland District	Eagle Point	PacifiCorp
East Side	PacifiCorp	Faraday	Portland General Electric Co
Fish Creek	PacifiCorp	Foster	USCE-Portland District
Green Potor	USCE-Portland District	Groon Springs	Bureau of Reclamation
Hells Canyon	Idaho Power Co	Hills Creek	USCE-Portland District
John C Boyle	PacifiCorp	John Day	USCE-Portland District
Loaburg	Eugene City of	Lomolo 1	PacifiCorp
Lomolo 2	PacifiCorp	Lookout Point	USCE-Portland District
Lost Creek	USCE-Portland District	McNary	USCE-Portland District
North Fork	Portland General Electric Co	Oak Grove	Portland General Electric Co
Oxbow	Idaho Power Co	Polton	Portland General Electric Co
Polton Re-Regulation	Portland General Electric Co	Powerdale	PacifiCorp
Prospect 1	PacifiCorp	Prospect 2	PacifiCorp
Prospect 3	PacifiCorp	Prospect 4	PacifiCorp
PHP 1	Portland General Electric Co	PHP 2	Portland General Electric Co
River Mill	Portland General Electric Co	Rock Creek	Oregon Trail El Cons Coop Inc
Round Butte	Portland General Electric Co	Slide Creek	PacifiCorp
Soda Springs	PacifiCorp	Stayton	PacifiCorp
Summit	Portland General Electric Co	T W Sullivan	Portland General Electric Co
Toketoo Falls	PacifiCorp	Trojan	Portland General Electric Co
Wallowa Falls	PacifiCorp	Waltorville	Eugene City of
West Side	PacifiCorp	Williamette	Eugene City of
<b>Pennsylvania</b>			
Allentown	Pennsylvania Power & Light Co	Armstrong	West Penn Power Co
Beaver Valley	Duquesne Light Co	Benton	Pennsylvania Electric Co
Blossburg	Pennsylvania Electric Co	Bruce Mansfield	Pennsylvania Power Co
Brunner Island	Pennsylvania Power & Light Co	Brunot Island	Duquesne Light Co
Chester	Philadelphia Electric Co	Cheswick	Duquesne Light Co
Conemaugh	Pennsylvania Electric Co	Cromby	Philadelphia Electric Co
Croydon	Philadelphia Electric Co	Delaware	Philadelphia Electric Co
Eddystone	Philadelphia Electric Co	Etrama	Duquesne Light Co
F R Phillips	Duquesne Light Co	Falls	Philadelphia Electric Co
Fishbach	Pennsylvania Power & Light Co	Front Street	Pennsylvania Electric Co
Hamilton	Metropolitan Edison Co	Harrisburg	Pennsylvania Power & Light Co
Harwood	Pennsylvania Power & Light Co	Hatfield's Ferry	West Penn Power Co
Hollywood	Pennsylvania Power & Light Co	Homer City	Pennsylvania Electric Co
Hunlock Power	UGI Corp	Hunterstown	Metropolitan Edison Co
Jenkins	Pennsylvania Power & Light Co	Koystone	Pennsylvania Electric Co
Limerick	Philadelphia Electric Co	Lock Haven	Pennsylvania Power & Light Co
Martins Creek	Pennsylvania Power & Light Co	Mitchell	West Penn Power Co
Montour	Pennsylvania Power & Light Co	Moser	Philadelphia Electric Co
Mountain	Metropolitan Edison Co	Muddy Run	Philadelphia Electric Co
New Castle	Pennsylvania Power Co	Orrtanna	Metropolitan Edison Co
Peach Bottom	Philadelphia Electric Co	Pinney	Pennsylvania Electric Co
Portland	Metropolitan Edison Co	Richmond	Philadelphia Electric Co
Safe Harbor	Safe Harbor Water Power Corp	Schuykill	Philadelphia Electric Co
Seneca	Pennsylvania Electric Co	Seward	Pennsylvania Electric Co
Shawnee	Metropolitan Edison Co	Shawville	Pennsylvania Electric Co
Southwark	Philadelphia Electric Co	Springdale	West Penn Power Co
Sunbury	Pennsylvania Power & Light Co	Susquehanna	Pennsylvania Power & Light Co
Three Mile Island	GE Nuclear Corp	Titus	Metropolitan Edison Co
Tolna	Metropolitan Edison Co	Wallenpaupack	Pennsylvania Power & Light Co
Warren	Pennsylvania Electric Co	Wayne	Pennsylvania Electric Co
West Shore	Pennsylvania Power & Light Co	Williamsburg	Pennsylvania Electric Co
Williamsport	Pennsylvania Power & Light Co	Wm F Matson Gen Stat	Allegheny Electric Coop Inc
York Haven	Metropolitan Edison Co		
<b>Rhode Island</b>			
Block Island	Block Island Power Co	Eldred	Newport Electric Corp
Jopson	Newport Electric Corp	Manchester Street	New England Power Co
Providence	Providence City of	South Street	New England Power Co
<b>South Carolina</b>			
Boyd's Mill	Duke Power Co	Burton	South Carolina Electric&Gas Co
Buzzard Roost	Duke Power Co	Canadys Steam	South Carolina Electric&Gas Co
Catawba	Duke Power Co	Cedar Creek	Duke Power Co
Coit GT	South Carolina Electric&Gas Co	Columbia	South Carolina Electric&Gas Co
Cross	South Carolina Pub Serv Auth	Darlington County	Carolina Power & Light Co
Dearborn	Duke Power Co	Dolphus M Grainger	South Carolina Pub Serv Auth
Faber Place	South Carolina Electric&Gas Co	Fairfield PS	South Carolina Electric&Gas Co
Fishing Creek	Duke Power Co	Gaston Shoals	Duke Power Co
Great Falls	Duke Power Co	H B Robinson	Carolina Power & Light Co
Hagood	South Carolina Electric&Gas Co	Hardeeville	South Carolina Electric&Gas Co
Hilton Head	South Carolina Pub Serv Auth	Holidays Bridge	Duke Power Co

**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
J Strom Thurmond	USCE Savannah District	Joffones	South Carolina Pub Serv Auth
Jocassee	Duke Power Co	Koowoo	Duke Power Co
Lockhart	Lockhart Power Co	McMookin	South Carolina Electric&Gas Co
Myrtle Beach	South Carolina Pub Serv Auth	Noal Shoals	South Carolina Electric&Gas Co
Oconee	Duke Power Co	Par	South Carolina Electric&Gas Co
Par Steam	South Carolina Electric&Gas Co	R B Simms	South Carolina Electric&Gas Co
Rocky Creek	Duke Power Co	Rocky River	Spartanburg City of
Saluda	Duke Power Co	Saluda	Abbeyville City of
Spillway	South Carolina Pub Serv Auth	St Stephens	South Carolina Electric&Gas Co
Summer	South Carolina Electric&Gas Co	Urquhart	South Carolina Pub Serv Auth
Urquhart	South Carolina Electric&Gas Co	W S Leo	Duke Power Co
Waterco	Duke Power Co	Waterco	Duke Power Co
Williams	South Carolina Genertg Co Inc	Winyah	South Carolina Electric&Gas Co
Wylie	Duke Power Co	99 Islands	South Carolina Pub Serv Auth
<b>South Dakota</b>			Duke Power Co
Abiodon	Northwestern Public Service Co	Amour	Northwestern Public Service Co
Ben French	Black Hills Corp	Big Bend	USCE-Missouri River District
Big Stone	Otter Tail Power Co	Bryant	Bryant City of
Chamberlain	Northwestern Public Service Co	Clark	Northwestern Public Service Co
Faulton	Northwestern Public Service Co	Fort Randall	USCE-Missouri River District
Gayns Point	USCE-Missouri River District	Highmore	Northwestern Public Service Co
Huron	Northwestern Public Service Co	Kirk	Black Hills Corp
Lake Preston	Otter Tail Power Co	Mobile	Northwestern Public Service Co
Oahe	USCE-Missouri River District	Pathfinder	Northern States Power Co
Redfield	Northwestern Public Service Co	Sioux Falls	Sioux Falls City of
Spirit Mound	Basin Electric Power Coop	Tyndall	Tyndall City of
Vermillion	Vermillion City of	Wobster	Northwestern Public Service Co
White River	R V Light & Power Co	Yankton Now	Northwestern Public Service Co
Yankton Old	Northwestern Public Service Co		
<b>Tennessee</b>			
Allon	Tennessee Valley Authority	Boono	Tennessee Valley Authority
Bull Run	Tennessee Valley Authority	Caldorwood	Tapoco Inc
Center Hill	USCE-Nashville District	Choatham	USCE-Nashville District
Chorokoo	Tennessee Valley Authority	Chickamauga	Tennessee Valley Authority
Chilhowee	Tapoco Inc	Cordell Hull	USCE-Nashville District
Cumberland	Tennessee Valley Authority	Dale Hollow	USCE-Nashville District
Douglas	Tennessee Valley Authority	Fort Loudoun	Tennessee Valley Authority
Fort Patrick Henry	Tennessee Valley Authority	Gallatin	Tennessee Valley Authority
Groat Falls	Tennessee Valley Authority	J P Priest	USCE-Nashville District
John Sevier	Tennessee Valley Authority	Johnsonville	Tennessee Valley Authority
Kingston	Tennessee Valley Authority	Molton Hill	Tennessee Valley Authority
Nickajack	Tennessee Valley Authority	Norris	Tennessee Valley Authority
Ocoee 1	Tennessee Valley Authority	Ocoee 2	Tennessee Valley Authority
Ocoee 3	Tennessee Valley Authority	Old Hickory	USCE-Nashville District
Pickwick	Tennessee Valley Authority	Raccoon Mountain	Tennessee Valley Authority
Sequoyah	Tennessee Valley Authority	South Holston	Tennessee Valley Authority
Tims Ford	Tennessee Valley Authority	Watauga	Tennessee Valley Authority
Watts Bar	Tennessee Valley Authority	Watts Bar	Tennessee Valley Authority
Wilbur	Tennessee Valley Authority		
<b>Texas</b>			
Abbott TP 3	Guadalupe Blanco River Auth	Abilene	West Texas Utilities Co
Amistad Dam & Power	International Bound & Wtr Comm	Austin	Lower Colorado River Authority
Barney M Davis	Central Power & Light Co	Big Brown	Texas Utilities Generating Co
Brady	Brady City of	Brownfield	Brownfield City of
Bryan	Bryan City of	Buchanan	Lower Colorado River Authority
C E Newman	Garland City of	Canyon	Guadalupe Blanco River Auth
Cedar Bayou	Houston Lighting & Power Co	Colanoso	Southwestern Public Service Co
Clark Street Plant	Greenville City of	Coloman	Coloman City of
Coloto Creek	Central Power & Light Co	Collin	Texas Utilities Generating Co
Concho	West Texas Utilities Co	Copper	El Paso Electric Co
Dallas	Texas Utilities Generating Co	Dansby	Bryan City of
Docker Creek	Austin City of	Deepwater	Houston Lighting & Power Co
Denison	USCE-Tulsa District	DoCordova	Texas Utilities Generating Co
Dunlap TP 1	Guadalupe Blanco River Auth	E S Joslin	Central Power & Light Co
Eagle Mountain	Texas Utilities Generating Co	Eagle Pass	Central Power & Light Co
Electra	Electra City of	Falcon Dam & Power	International Bound & Wtr Comm
Floydada	Floydada City of	Fort Bond	Fort Bond Utilities Co Inc
Fort Phantom	West Texas Utilities Co	Fl Stockton	West Texas Utilities Co
Gibbons Creek	Texas Municipal Power Agency	Graham	Texas Utilities Generating Co
Granite Shoals	Lower Colorado River Authority	Greens Bayou	Houston Lighting & Power Co
H 4	Guadalupe Blanco River Auth	H 5	Guadalupe Blanco River Auth
Hardloy	Texas Utilities Generating Co	Harrington Station	Southwestern Public Service Co
Hiram Clarke	Houston Lighting & Power Co	Holly Ave	Lubbock City of
Holly Street	Austin City of	Inks	Lower Colorado River Authority
J L Bates	Central Power & Light Co	J I Dooley	San Antonio City of
Jones Station	Southwestern Public Service Co	Knox Lee	Southwestern Electric Power Co
La Palma	Central Power & Light Co	Lake Creek	Texas Utilities Generating Co
Lake Hubbard	Texas Utilities Generating Co	Lake Pauline	West Texas Utilities Co



**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
Laredo	Central Power & Light Co	Loon Creek	San Antonio City of
Lewis Creek	Gulf States Utilities Co	Limestone	Houston Lighting & Power Co
Lon C Hill	Central Power & Light Co	Lone Star	Southwestern Electric Power Co
Marble Falls	Lower Colorado River Authority	Marshall Ford	Lower Colorado River Authority
Martin Lake	Texas Utilities Generating Co	Mission Flood	San Antonio City of
Monticello	Texas Utilities Generating Co	Morgan Creek	Texas Utilities Generating Co
Morris Shoppard	Brazos River Authority	Mountain Creek	Texas Utilities Generating Co
Nechos	Gulf States Utilities Co	Nowman	El Paso Electric Co
Nichols Station	Southwestern Public Service Co	Nolto	Guadalupe Blanco River Auth
North Lake	Texas Utilities Generating Co	North Main	Texas Utilities Generating Co
North Texas	Brazos Electric Power Coop Inc	Nueces Bay	Central Power & Light Co
O W Sommers	San Antonio City of	Oak Creek	West Texas Utilities Co
Oklahoma	West Texas Utilities Co	P H Robinson	Houston Lighting & Power Co
Paint Creek	West Texas Utilities Co	Parkdale	Texas Utilities Generating Co
Pearsall	Modina Electric Coop Inc	Porman Basin	Texas Utilities Generating Co
Pirkoy	Southwestern Electric Power Co	Plant X	Southwestern Public Service Co
Plant 2	Lubbock City of	Powderano Plant	Groesville City of
Presidio	West Texas Utilities Co	H W Miller	Brazos Electric Power Coop Inc
Ray Olinger	Garland City of	Rio Pecos	West Texas Utilities Co
River Crest	Texas Utilities Generating Co	Robert D Willis	USCE-Fort Worth District
Robstown	Robstown City of	Sabino	Gulf States Utilities Co
Sam Bertron	Houston Lighting & Power Co	Sam Rayburn	South Texas Electric Coop Inc
Sam Rayburn	USCE-Fort Worth District	Sam Seymour	Lower Colorado River Authority
San Angelo	West Texas Utilities Co	San Miguel	San Miguel Electric Coop Inc
Sandow	Texas Utilities Generating Co	Seaholm	Austin City of
Seguin	Seguin City of	St Ray	Brownsville Public Util Board
Sim Gideon	Lower Colorado River Authority	South Texas	Houston Lighting & Power Co
Sponcer	Denton City of	Stryker Creek	Texas Utilities Generating Co
T C Ferguson	Lower Colorado River Authority	T H Wharton	Houston Lighting & Power Co
Toloco Bend	Gulf States Utilities Co	Toik Station	Southwestern Public Service Co
Tradinghouse	Texas Utilities Generating Co	Trinidad	Texas Utilities Generating Co
Tulia	Tulia City of	TP 4	Guadalupe Blanco River Auth
V H Braunig	San Antonio City of	Valley	Texas Utilities Generating Co
Vernon	West Texas Utilities Co	Victoria	Central Power & Light Co
W A Parish	Houston Lighting & Power Co	W B Tuttle	San Antonio City of
W R Poage	Brazos Electric Power Coop Inc	Weatherford	Weatherford Mun Utility System
Webster	Houston Lighting & Power Co	Welsh	Southwestern Electric Power Co
Whitesboro	Whitesboro City of	Whitney	USCE-Fort Worth District
Wilkes	Southwestern Electric Power Co		
<b>Utah</b>		Bartholomew	Springville City of
American Fork	PacifiCorp	Beaver Upper	Beaver City Corp
Beaver Lower	Beaver City Corp	Blundell	PacifiCorp
Beaver Upper	PacifiCorp	Boulder	Garkano Power Assn Inc
Bonanza	Deseret Generation & Tran Coop	Box Elder	Brigham City Corp
Bountiful	Bountiful City City of	Carbon	PacifiCorp
Brigham City	Brigham City Corp	Deer Creek	Bureau of Reclamation
Cutler	PacifiCorp	Flaming Gorge	Bureau of Reclamation
Echo Dam	Bountiful City City of	Gadsby	PacifiCorp
Fountain Green	PacifiCorp	Gateway	Weber Basin Water Conserv Dist
Gas Generation	Hobor Light & Power Co	Gunlock	PacifiCorp
Granite	PacifiCorp	Hale	PacifiCorp
Gunlock Hydro	St George City of	Hunter (Emery)	PacifiCorp
Hobble Creek	Springville City of	Hydro Plant No 3	Ephraim City of
Huntington	PacifiCorp	Hyrum	Hyrum City Corp
Hydro Plant No 4	Ephraim City of	Lake Creek	Hobor Light & Power Co
Intermountain	Los Angeles City of	Little Mountain	PacifiCorp
Little Cottonwood	Murray City of	Logan Hydro	Logan City of
Logan Diesel	Logan City of	Lower	Monroe City City of
Logan 2	Logan City of	Manti Lower	Manti City of
Lower	Mt Pleasant City of	Monroe Pumping Sta	Monroe City City of
Manti Upper	Manti City of	No 1	Ephraim City of
Murray Diesel	Murray City of	Olmstead	PacifiCorp
No. Two Diesel	St George City of	Parowan	Parowan City Corp
Paragonah	Parowan City Corp	Pioneer	PacifiCorp
Payson	Strawberry Water Users Assn	Sand Cove	PacifiCorp
Provo	Provo City Corp	Snake Creek	PacifiCorp
Snake Creek	Hobor Light & Power Co	Spring Creek	Springville City of
Spanish Fork	Strawberry Water Users Assn	Stairs	PacifiCorp
St George	St George City of	Upper	Monroe City City of
Uintah	Moon Lake Electric Assn Inc	Voyo	PacifiCorp
Upper	Mt Pleasant City of	Weber	PacifiCorp
Wanship	Weber Basin Water Conserv Dist	Yellowstone	Moon Lake Electric Assn Inc
Whitehead	Springville City of		
<b>Vermont</b>		Ascotney	Central Vermont Pub Serv Corp
Arnold Falls	Central Vermont Pub Serv Corp	Bolows Falls	New England Power Co
Baldons	Vermont Marble Co	Bolton Falls	Green Mountain Power Corp
Berlin 5	Green Mountain Power Corp	Carlys Falls	Morrisville Village of
Burlington G 1	Burlington City of		

**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
Canaan	Public Service Co of NH	Gavendish	Central Vermont Pub Serv Corp
Conter Rutland	Vermont Marble Co	Charlton	Citizens Utilities Co
Clark Falls	Central Vermont Pub Serv Corp	Colchester 10	Green Mountain Power Corp
Diesel Plant 1	Enosburg Falls Village of	East Barnet	Central Vermont Pub Serv Corp
Essex Junction 10	Green Mountain Power Corp	Fairfax Falls	Central Vermont Pub Serv Corp
Clago	Central Vermont Pub Serv Corp	Glen	Central Vermont Pub Serv Corp
George 18	Green Mountain Power Corp	Great Falls	Lyndonville Village of
Hardwick	Hardwick Town of	Harriman	Now England Power Co
Highgate Falls	Swanton Village of	J C McNeil	Hurlington City of
Kondall	Enosburg Falls Village of	Lower Middlebury	Central Vermont Pub Serv Corp
Marshfield 6	Green Mountain Power Corp	Middlesex 2	Green Mountain Power Corp
Milton	Central Vermont Pub Serv Corp	Morrisville	Morrisville Village of
Newport	Citizens Utilities Co	Nowport Diesel	Citizens Utilities Co
North Hartland	Vermont Electric Coop Inc	Pasadenapac	Central Vermont Pub Serv Corp
Patch	Central Vermont Pub Serv Corp	Peterston	Central Vermont Pub Serv Corp
Pierce Mills	Central Vermont Pub Serv Corp	Pittsford	Central Vermont Pub Serv Corp
Proctor	Vermont Marble Co	Rutland	Central Vermont Pub Serv Corp
S C Moore	Now England Power Co	Salisbury	Central Vermont Pub Serv Corp
Searsburg	Now England Power Co	Silver Lake	Central Vermont Pub Serv Corp
Smith	Central Vermont Pub Serv Corp	St Albans	Central Vermont Pub Serv Corp
Taftsville	Central Vermont Pub Serv Corp	Troy	Citizens Utilities Co
Vail	Lyndonville Village of	Vergennes 9	Green Mountain Power Corp
Vermont Yankee	Vermont Yankee Nucl Pwr Corp	Village Plant	Enosburg Falls Village of
W K Sanders	Morrisville Village of	Waterbury 22	Green Mountain Power Corp
West Charleston	Barton Village Inc	West Danville 15	Green Mountain Power Corp
Weybridge	Central Vermont Pub Serv Corp	Wilder	Now England Power Co
Wolcott	Hardwick Town of	Wrightsville Fly Plant	Washington Electric Coop Inc
<b>Virginia</b>			
Bath County	Virginia Electric & Power Co	Bayview	Dalmarva Power & Light Co
Bromo Bluff	Virginia Electric & Power Co	Buck	Appalachian Power Co
Byllosby 1	Appalachian Power Co	Chosapeake	Virginia Electric & Power Co
Chesterfield	Virginia Electric & Power Co	Claylor	Appalachian Power Co
Clinch River	Appalachian Power Co	Culpeper	Culpeper Town of
Cushaw	Virginia Electric & Power Co	Glen Lyn	Appalachian Power Co
Gravel Neck	Virginia Electric & Power Co	John H Kerr	USCE-Wilmington District
Loosville	Appalachian Power Co	Low Moor	Virginia Electric & Power Co
Luray	Potomac Edison Co	Martinsville	Martinsville City of
Meadow Creek	Craig-Bototourt Electric Coop	Nowport	Potomac Edison Co
Niagara	Appalachian Power Co	North Anna	Virginia Electric & Power Co
Northern Neck	Virginia Electric & Power Co	Philpott Lake	USCE-Wilmington District
Pinnacles	Danville City of	Possum Point	Virginia Electric & Power Co
Potomac River	Potomac Electric Power Co	Radford	Radford City of
Rousons	Appalachian Power Co	Shenandoah	Potomac Edison Co
Smith Mountain	Appalachian Power Co	Snowdon	Bedford City of
Surry	Virginia Electric & Power Co	Tanglor	A & N Electric Coop
Tasley	Dalmarva Power & Light Co	Warron	Potomac Edison Co
Yorktown	Virginia Electric & Power Co		
<b>Washington</b>			
Alder	Tacoma City of	Boundary	Seattle City of
Box Canyon	PUD No 1 of Pond Oroillo Cnty	Calispel Creek	PUD No 1 of Pond Oroillo Cnty
Cedar Falls	Seattle City of	Centralia	Centralia City of
Centralia	PacifiCorp	Chandler	Bureau of Reclamation
Cholan	PUD No 1 of Cholan County	Chief Joseph	USCE-Portland District
Condit	PacifiCorp	Crystal Mountain	Puget Sound Power & Light Co
Cushman 1	Tacoma City of	Cushman 2	Tacoma City of
Diablo	Seattle City of	Drop No 2	USBIA-Wapato Irrigation Proj
Drop No 3	USBIA-Wapato Irrigation Proj	Eastsound	Orcas Power & Light Co
Electron	Puget Sound Power & Light Co	Frederickson	Puget Sound Power & Light Co
Erdonia	Puget Sound Power & Light Co	Gorge	Seattle City of
Grand Coulee	Bureau of Reclamation	Hanford Con Project	Washington Pub Pwr Supply Sys
Ico Harbor	USCE-Portland District	Kettle Falls	Washington Water Power Co
La Grande	Tacoma City of	Little Falls	Washington Water Power Co
Little Goose	USCE-Portland District	Long Lake	Washington Water Power Co
Lower Baker	Puget Sound Power & Light Co	Lower Granite	USCE-Portland District
Lower Monumental	USCE-Portland District	Mayfield	Tacoma City of
Merwin	PacifiCorp	Moyers Falls	Washington Water Power Co
Monroe Street	Washington Water Power Co	Mossyrock	Tacoma City of
Naches	PacifiCorp	Nachos Drop	PacifiCorp
Nowhalom	Seattle City of	Nino Mile	Washington Water Power Co
Nooksack	Puget Sound Power & Light Co	Northeast	Washington Water Power Co
Packwood	Washington Pub Pwr Supply Sys	Priest Rapids	PUD No 2 of Grant County
Quincy Chute	PUD No 2 of Grant County	Rook Island	PUD No 1 of Cholan County
Rocky Reach	PUD No 1 of Cholan County	Ross Dam	Bureau of Reclamation
Roza	Bureau of Reclamation	Shuffleton	Puget Sound Power & Light Co
Snoqualmie	Puget Sound Power & Light Co	South Whidbey	PacifiCorp
Swift 1	PacifiCorp	Swift 2	Puget Sound Power & Light Co
Upper Baker	Puget Sound Power & Light Co	Upper Falls	Washington Water Power Co
Wanapum	PUD No 2 of Grant County	Wells	PUD No 1 of Douglas County

**Table D2. List of Plants by State, 1989 (Continued)**

State / Plant Name	Utility Name	Plant Name	Utility Name
White River WNP	Puget Sound Power & Light Co Washington Pub Pwr Supply Sys	Whitehorn Yule	Puget Sound Power & Light Co PacificCorp
<b>West Virginia</b>			
Albright	Monongahela Power Co	Dam 4	Potomac Edison Co
Dam 5	Potomac Edison Co	Fort Martin	Monongahela Power Co
Harper's Ferry	Potomac Edison Co	Harrison	Monongahela Power Co
John F. Amos	Appalachian Power Co	Kammer	Ohio Power Co
Kanawha River	Appalachian Power Co	Lake Lynn	West Penn Power Co
London	Appalachian Power Co	Marmot	Appalachian Power Co
Millville	Potomac Edison Co	Mitchell	Ohio Power Co
Mountaineer (1301)	Appalachian Power Co	MT Storm	Virginia Electric & Power Co
Phil Sporn	Central Operating Co	Pleasants	Monongahela Power Co
Fivosville	Monongahela Power Co	Willow Island	Monongahela Power Co
Winfield	Appalachian Power Co		
<b>Wisconsin</b>			
Alexander	Wisconsin Public Service Corp	Alma	Dairyland Power Coop
Apple River	Northern States Power Co	Appleton	Wisconsin Electric Power Co
Arcadia	Arcadia City of	Argyle	Argyle City of
Arpin Dam	North Central Power Co Inc	Barton	Barton City of
Bay Front	Northern States Power Co	Big Falls	Northern States Power Co
Biron	Consolidated Water Power Co	Black Brook Dam	Northwestern Wisconsin Elec Co
Black River Falls	Black River Falls City of	Blackhawk	Wisconsin Power & Light Co
Blount Street	Madison Gas & Electric Co	Caldron Falls	Wisconsin Public Service Corp
Cashlon	Cashlon Village of	Castile Hook	Wisconsin River Power Co
Cedar Falls	Northern States Power Co	Chippewa Falls	Northern States Power Co
Glam Falls Dam	Northwestern Wisconsin Elec Co	Glam River Dam	Northwestern Wisconsin Elec Co
Columbia	Wisconsin Power & Light Co	Combined Locks	Kaukauna City of
Cornell	Northern States Power Co	Cumberland	Cumberland City of
Danbury Dam	Northwestern Wisconsin Elec Co	Dells	Northern States Power Co
Du Bay	Consolidated Water Power Co	Edgwater	Wisconsin Public Service Corp
East Fork	North Central Power Co Inc	Fennimore	Wisconsin Power & Light Co
Elroy	Elroy City of	Fennimore City of	Fennimore City of
Fitchburg	Madison Gas & Electric Co	Dairyland Power Coop	Dairyland Power Coop
Flambeau	Northern States Power Co	Northwestern Wisconsin Elec Co	Northwestern Wisconsin Elec Co
French Island	Northern States Power Co	Dairyland Power Coop	Dairyland Power Coop
Germantown	Wisconsin Electric Power Co	Dahlberg Light & Power Co	Dahlberg Light & Power Co
Grandfather Falls	Wisconsin Public Service Corp	Northwestern Wisconsin Elec Co	Northwestern Wisconsin Elec Co
Grosham	Grosham Village of	North Central Power Co Inc	North Central Power Co Inc
Hal Rapids	Wisconsin Public Service Corp	Northern States Power Co	Northern States Power Co
High Falls	Wisconsin Public Service Corp	Northern States Power Co	Northern States Power Co
J P Madgett	Dairyland Power Coop	Wisconsin Power & Light Co	Wisconsin Power & Light Co
Jersey	Wisconsin Public Service Corp	Northern States Power Co	Northern States Power Co
Johnson Falls	Wisconsin Public Service Corp	River Falls City of	River Falls City of
Kaukauna	Kaukauna City of	Kaukauna City of	Kaukauna City of
Kowawnee	Wisconsin Public Service Corp	Kowawnee Wind	Wisconsin Public Service Corp
Kilbourn	Wisconsin Power & Light Co	Northwestern States Power Co	Northwestern States Power Co
Little Chute	Kaukauna City of	Northwestern States Power Co	Northwestern States Power Co
Manitowoc	Manitowoc City of	Wisconsin Public Service Corp	Wisconsin Public Service Corp
Menomonie	Northern States Power Co	Wisconsin Power & Light Co	Wisconsin Power & Light Co
Merrill	Merrill City of	Wisconsin Electric Power Co	Wisconsin Electric Power Co
Nancy	Dahlberg Light & Power Co	Wisconsin Public Service Corp	Wisconsin Public Service Corp
Now Ladger	Kaukauna City of	Wisconsin Electric Power Co	Wisconsin Electric Power Co
Nino Springs	Madison Gas & Electric Co	Wisconsin Electric Power Co	Wisconsin Electric Power Co
Old Ladger	Kaukauna City of	Wisconsin Power & Light Co	Wisconsin Power & Light Co
Peshigo	Wisconsin Public Service Corp	River Falls City of	River Falls City of
Pine	Wisconsin Electric Power Co	Wisconsin Public Service Corp	Wisconsin Public Service Corp
Point Beach	Wisconsin Electric Power Co	Northern States Power Co	Northern States Power Co
Portable	Wisconsin Power & Light Co	Wisconsin Public Service Corp	Wisconsin Public Service Corp
Powell Falls	River Falls City of	Wisconsin Power & Light Co	Wisconsin Power & Light Co
Pulliam	Wisconsin Public Service Corp	Wisconsin Electric Power Co	Wisconsin Electric Power Co
Rivordale	Northern States Power Co	Wisconsin Public Service Corp	Wisconsin Public Service Corp
Sandstone Rapids	Wisconsin Public Service Corp	Wisconsin Power & Light Co	Wisconsin Power & Light Co
Shawano	Wisconsin Power & Light Co	Dahlberg Light & Power Co	Dahlberg Light & Power Co
Solon Diesel	Northwestern States Power Co	Northwestern States Power Co	Northwestern States Power Co
St Croix Falls	Oconto Electric Coop	Oconto Electric Coop	Oconto Electric Coop
Sibley	Madison Gas & Electric Co	Wisconsin Public Service Corp	Wisconsin Public Service Corp
Sycamore	Wisconsin Public Service Corp	Grosham Village of	Grosham Village of
Tomahawk	Grosham Village of	Viola City of	Viola City of
Upper Wood	Wisconsin Public Service Corp	Wisconsin Public Service Corp	Wisconsin Public Service Corp
Viola	Wisconsin Public Service Corp	Wisconsin Public Service Corp	Wisconsin Public Service Corp
Wausau	Wisconsin Public Service Corp	Wisconsin Electric Power Co	Wisconsin Electric Power Co
West Mannoette	Wisconsin Electric Power Co	Northern States Power Co	Northern States Power Co
Woyawoga	Northern States Power Co	Superior Water Light & Power Co	Superior Water Light & Power Co
White River	Consolidated Water Power Co	Consolidated Water Power Co	Consolidated Water Power Co
Winslow			
Wisconsin River Div			
<b>Wyoming</b>			
Alcova	Bureau of Reclamation	Boysen	Bureau of Reclamation

**Table D3. List of Plants by Utility, 1989**

Utility / Plant Name	State	Plant Name	State
<b>A &amp; N Electric Coop</b>			
Smith	Maryland	Tangler	Virginia
<b>Abbeville City of</b>			
Rocky River	South Carolina		
<b>Adrian Public Utilities Comm</b>			
Adrian	Minnesota		
<b>Aitkin Public Utilities Comm</b>			
Aitkin	Minnesota		
<b>Alabama Electric Coop Inc</b>			
Charles H Lowman	Alabama	Grant	Alabama
McWilliams	Alabama	Point A	Alabama
Portland	Florida		
<b>Alabama Power Co</b>			
Bankhead Dam	Alabama	Harry	Alabama
Chickasaw	Alabama	E C Gaston	Alabama
Clatsden	Alabama	George	Alabama
Greene County	Alabama	H Nooly Henry Dam	Alabama
Harris Dam	Alabama	Holt Dam	Alabama
James H Miller Jr	Alabama	Jordan Dam	Alabama
Joseph M Farley	Alabama	Lay Dam	Alabama
Louis Smith Dam	Alabama	Logan Martin Dam	Alabama
Marlin Dam	Alabama	Mitchell Dam	Alabama
Thurlow Dam	Alabama	Walter Bouldin Dam	Alabama
Wiss Dam	Alabama	Yates Dam	Alabama
<b>Alaska Electric G &amp; T Coop Inc</b>			
Soldotna	Alaska		
<b>Alaska Electric Light &amp; Power Co</b>			
Annex Creek	Alaska	Gold Creek	Alaska
Lemon Creek	Alaska	Salmon Creek 1	Alaska
Salmon Creek 2	Alaska		
<b>Alaska Power &amp; Telephone Co</b>			
Craig	Alaska	Dot Lake	Alaska
Hydaburg	Alaska	Skeyway	Alaska
Tok	Alaska		
<b>Alaska Power Administration</b>			
Etahna	Alaska	Snodisham	Alaska
<b>Alaska Village Elec Coop Inc</b>			
Alakanuk	Alaska	Ambler	Alaska
Anvik	Alaska	Chovak	Alaska
Eek	Alaska	Elim	Alaska
Emmonak	Alaska	Gambell	Alaska
Goodnews Bay	Alaska	Grayling	Alaska
Holy Cross	Alaska	Healy Bay	Alaska
Huslia	Alaska	Kasag	Alaska
Kiana	Alaska	Kivalina	Alaska
Koyuk	Alaska	Lower Kalskag	Alaska
Marshall	Alaska	Mokoryuk	Alaska
Minto	Alaska	Mountain Village	Alaska
New Stuyahok	Alaska	Nootak	Alaska
Noorvik	Alaska	Nulato	Alaska
Humapikook	Alaska	Old Harbor	Alaska
Pilot Station	Alaska	Qunihagak	Alaska
Etusagah Mecon	Alaska	Savoonga	Alaska
Scammon Bay	Alaska	Selawik	Alaska
Shaqoluk	Alaska	Shaktolik	Alaska
Shishmarek	Alaska	Shungnak	Alaska
St Mary's	Alaska	St Michael	Alaska
Stobbins	Alaska	Toqiak	Alaska
Toksok Bay	Alaska	Tununak	Alaska
Wales	Alaska		
<b>Albany City of</b>			
Albany	Missouri		
<b>Alexandria City of</b>			
Alexandria	Minnesota	D G Hunter	Louisiana
<b>Algona City of</b>			
Algona	Iowa		
<b>Allegheny Electric Coop Inc</b>			
Wm F Mattson Gen Stat	Pennsylvania		
<b>Alliance City of</b>			
Alliance	Nebraska		
<b>Alpena Power Co</b>			
Four Mile Dam	Michigan	Hillman	Michigan
Ninth Street Dam	Michigan	Norway Point Dam	Michigan
<b>Alta City of</b>			
Alta	Iowa		
<b>Ames City of</b>			
Ames	Iowa	Ames GT	Iowa
<b>Anchorage City of</b>			

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Anchorage 1	Alaska	George M Sullivan	Alaska
Aniak Light & Power Co Inc	Alaska		
Aniak	Alaska		
Anita City of	Iowa		
Anita	Iowa		
Ansel City of	Nebraska		
Ansel	Nebraska		
Anthony City of	Kansas		
Anthony	Kansas		
Appalachian Power Co	Virginia	Dyllesby 2'	Virginia
Buck	Virginia	Clinch River	Virginia
Claytor	Virginia	John E. Amos	West Virginia
Clon Lyn	Virginia	Loosville	Virginia
Kanawha River	West Virginia	Marmot	West Virginia
London	West Virginia	Nagara	Virginia
Mountainport (1301)	West Virginia	Smith Mountain	Virginia
Flourens	Virginia		
Winfield	West Virginia		
Arcadia City of	Wisconsin		
Arcadia	Wisconsin		
Arcanum City of	Ohio		
Arcanum	Ohio		
Argyle City of	Wisconsin		
Argyle	Wisconsin		
Arizona Electric Pwr Coop Inc	Arizona		
Apache Station	Arizona		
Arizona Public Service Co	Arizona	Cholla	Arizona
Childs	Arizona	Four Corners	New Mexico
Douglas	Arizona	Ocotillo	Arizona
Iving	Arizona	Saguaro	Arizona
Palo Verde	Arizona	Yuma Axis	Arizona
West Phoenix	Arizona		
Yuma Axis (Yucca)	Arizona		
Arkansas Electric Coop Corp	Arkansas	Ellis Hydroelectric	Arkansas
Carl Bailey	Arkansas	Thomas Fitzhugh	Arkansas
McClollan	Arkansas		
Arkansas Power & Light Co	Arkansas	Blytheville	Arkansas
Arkansas Nuclear One	Arkansas	Cecil Lynch	Arkansas
Carpoint	Arkansas	Harvey Couch	Arkansas
Hamilton Moses	Arkansas	Lake Catharine	Arkansas
Independence	Arkansas	Rommel	Arkansas
Mabelvale	Arkansas	White Bluff	Arkansas
Hobert E. Ritchie	Arkansas		
Arnold Village of	Nebraska		
Arnold	Nebraska		
Ashland City of	Kansas		
Ashland	Kansas		
Associated Electric Coop Inc	Missouri	Thomas Hill	Missouri
Now Madrid	Missouri		
Unionville	Missouri		
Atlantic City of	Iowa		
Atlantic	Iowa		
Atlantic City Electric Co	New Jersey	Carls Corner	New Jersey
B. I. England	New Jersey	Deepwater	New Jersey
Cedar	New Jersey	Middle	New Jersey
Mickleton	New Jersey		
Missouri Avenue	New Jersey		
Attea City of	Kansas		
Attea	Kansas		
Auburn City of	Nebraska		
Auburn	Nebraska		
Augusta City of	Arkansas	Plant No 1	Kansas
Fairbanks	Arkansas		
Plant No 2	Kansas		
Austin City of	Texas	Holly Street	Texas
Docker Creek	Minnesota	Soaholm	Texas
Northeast Station	Minnesota		
Baldwin City City of	Kansas		
Baldwin	Kansas		
Baltimore Gas & Electric Co	Maryland	C. P. Crano	Maryland
Brandon Shores	Maryland	Goold Street	Maryland
Calvert Cliffs	Maryland	Notch Cliff	Maryland
Herbert A. Wagner	Maryland	Philadelphia Road	Maryland
Perryman	Maryland	Westport	Maryland
Riverside	Maryland		
Bancroft City of	Iowa		
Bancroft	Iowa		
Bangor Hydro-Electric Co	Iowa		

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Bar Harbor	Maine	Eastport	Maine
Ellsworth	Maine	Craham Station	Maine
Howland	Maine	Medway	Maine
Millford	Maine	Orono	Maine
Stillwater	Maine	Voazio A	Maine
Voazio B	Maine	West Enfield	Maine
<b>Barron City of</b>			
Barron	Wisconsin		
<b>Barrow Utils &amp; Elec Coop Inc</b>			
Barrow	Alaska		
<b>Barton Village Inc</b>			
West Charleston	Vermont		
<b>Basin Electric Power Coop</b>			
Antelope Valley	North Dakota	Laramie River	Wyoming
Loland Olds	North Dakota	Spirit Mound	South Dakota
William J Noal	North Dakota		
<b>Baudette City of</b>			
Baudette	Minnesota		
<b>Beaver City City of</b>			
City Lt & Water	Nebraska		
<b>Beaver City Corp</b>			
Beaver Lower	Utah	Beaver Upper	Utah
<b>Bedford City of</b>			
Snowdon	Virginia		
<b>Belleville City of</b>			
Belleville	Kansas		
<b>Bellevue City of</b>			
Bellevue	Iowa		
<b>Beloit City of</b>			
Beloit	Kansas		
<b>Benkelman City of</b>			
Benkelman	Nebraska		
<b>Benson City of</b>			
Benson	Minnesota		
<b>Benton City of</b>			
Benton	Arkansas		
<b>Berlin City of</b>			
Berlin	Maryland		
<b>Bethany City of</b>			
Bethany	Missouri		
<b>Bethel Utilities Corp Inc</b>			
Bethel	Alaska		
<b>Bettles Light &amp; Power Inc</b>			
Bettles Light & Pwr	Alaska		
<b>Big Rivers Electric Corp</b>			
Coleman	Kentucky	D B Wilson	Kentucky
HMP&L Station 2	Kentucky	R D Green	Kentucky
Robert Reid	Kentucky		
<b>Black Hills Corp</b>			
Ben French	South Dakota	Kirk	South Dakota
Neil Simpson	Wyoming	Osago	Wyoming
<b>Black River Falls City of</b>			
Black River Falls	Wisconsin		
<b>Block Island Power Co</b>			
Block Island	Rhode Island		
<b>Bloomfield City of</b>			
Bloomfield	Iowa		
<b>Blooming Prairie City of</b>			
Blooming Prairie	Minnesota		
<b>Blue Earth City of</b>			
Blue Earth	Minnesota		
<b>Blue Ridge Elec Member Corp</b>			
Sharp Falls	North Carolina		
<b>Bluffton City of</b>			
Bluffton	Indiana		
<b>Bonnara Ferry City of</b>			
Bonnara Ferry	Idaho	Moyie Springs	Idaho
<b>Boston Edison Co</b>			
Edgar	Massachusetts	Framingham	Massachusetts
L Street	Massachusetts	Mystic	Massachusetts
New Boston	Massachusetts	Pilgrim	Massachusetts
West Medway	Massachusetts		
<b>Bountiful City of</b>			
Bountiful	Utah	Echo Dam	Utah
<b>Bowersock Mills &amp; Power Co</b>			
Lawrence	Kansas		
<b>Brady City of</b>			
Brady	Texas		

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Braintree Town of Potter Station 2	Massachusetts		
Brazos Electric Power Coop Inc North Texas	Texas	R W Miller	Texas
W R Poage	Texas		
Brazos River Authority Morris Sheppard	Texas		
Breese City of Breese	Illinois		
Brigham City Corp Box Elder	Utah	Brigham City	Utah
Broken Bow City of Broken Bow	Nebraska		
Brooklyn City of Brooklyn	Iowa		
Brownfield City of Brownfield	Texas		
Brownsville Public Utills Board Si Ray	Texas		
Bryan City of Bryan	Ohio	Bryan	Texas
Dansby	Texas		
Bryant City of Bryant	South Dakota		
Buhl City of Buhl	Minnesota		
Burbank City of Magnolia	California	Olive	California
Bureau of Reclamation Alcova	Wyoming	Anderson Ranch	Idaho
Big Thompson	Colorado	Black Canyon	Idaho
Blue Mesa	Colorado	Boise River Div	Idaho
Boysen	Wyoming	Canyon Ferry	Montana
Chandler	Washington	Crystal	Colorado
Davis	Arizona	Deer Creek	Utah
Elephant Butte	New Mexico	Estes	Colorado
Flaming Gorge	Utah	Flatiron	Colorado
Folsom	California	Fontenelle	Wyoming
Fremont Canyon	Wyoming	Glen Canyon	Arizona
Glendo	Wyoming	Grand Coulee	Washington
Green Mountain	Colorado	Green Springs	Oregon
Guernsey	Wyoming	Heart Mountain	Wyoming
Hoover Dam Pwr Plant	Nevada	Hoover-AZ	Arizona
Hungry Horse	Montana	Judge F Carr	California
Keswick	California	Kortes	Wyoming
Lewiston	California	Lower Molina	Colorado
Marys Lake	Colorado	Minidoka	Idaho
Morrow Point	Colorado	Mount Elbert	Colorado
New Melones	California	Nimbus	California
O'Neill	California	Palisades	Idaho
Parker	California	Pilot Butte	Wyoming
Pole Hill	Colorado	Roza	Washington
Seminole	Wyoming	Shasta	California
Spring Creek	California	Stampede	California
Trinity	California	Upper Molina	Colorado
Yellowtail	Montana		
Burlingame City of Burlingame	Kansas		
Burlington City of Burlington	Colorado	Burlington	Kansas
Burlington G T	Vermont	J C McNeil	Vermont
Burwell City of Burwell	Nebraska		
Bushnell City of Bushnell	Illinois		
Butler City of Butler	Missouri		
Cajun Electric Power Coop Inc Big Cajun 1	Louisiana	Big Cajun 2	Louisiana
California Dept-Wtr Resources Alamo	California	Bottle Rock	California
Devil Canyon	California	Edward Hyatt	California
San Luis	California	Thermalito	California
Thermalito Diversion	California	W E Warne	California
Callaway Village of Callaway	Nebraska		
Cambridge City of Cambridge	Nebraska		

**Table D3: List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Cambridge Electric Light Co Blackstone Street	Massachusetts	Kendall Square	Massachusetts
Campbell City of Campbell	Missouri		
Campbell Village of Campbell	Nebraska		
Canal Electric Co Airport Diesels	Massachusetts	Canal	Massachusetts
Cape Hatteras Elec Member Corp Buxton	North Carolina		
Cardinal Operating Co Cardinal	Ohio		
Carlyle City of Carlyle	Illinois		
Carmi City of Carmi	Illinois		
Carolina Power & Light Co Asheville	North Carolina	Blewett	North Carolina
Brunswick	North Carolina	Cape Fear	North Carolina
Darlington County	South Carolina	H B Robinson	South Carolina
Harris	North Carolina	L V Sutton	North Carolina
Lee	North Carolina	Marshall	North Carolina
Mayo	North Carolina	Morehead	North Carolina
Hoxboro	North Carolina	Tillery	North Carolina
W H Weatherspoon	North Carolina	Walters	North Carolina
Carrollton Board of Public Wks Carrollton	Missouri		
Carthage City of Carthage	Missouri		
Cascade City of Cascade	Iowa		
Cascade Power Co Brevard	North Carolina		
Cashton Village of Cashton	Wisconsin		
Cedar Falls City of Gas Turbine	Iowa	Streeter Station	Iowa
Centel Corp Arthur Mullergren	Kansas	Cimarron River	Kansas
Clifton	Kansas	Judson Large	Kansas
Pueblo	Colorado	Rocky Ford	Colorado
W N Clark	Colorado		
Center City of Center	Colorado		
Central Electric Power Coop Chamois	Missouri		
Central Hudson Gas & Elec Corp Danskammer	New York	Dashville	New York
High Falls	New York	Neversink	New York
Roseton	New York	South Cairo	New York
Sturgeon Pool	New York	West Coxsackie	New York
Central Illinois Light Co Duck Creek	Illinois	E D Edwards	Illinois
Sterling Avenue	Illinois		
Central Illinois Pub Serv Co Coffee	Illinois	Grand Tower	Illinois
Hutsonville	Illinois	Meredosia	Illinois
Newton	Illinois		
Central Iowa Power Coop Fair Station	Iowa	Summit Lake	Iowa
Central Louisiana Elec Co Inc Coughlin	Louisiana	Dolet Hills	Louisiana
Franklin	Louisiana	Rodemacher	Louisiana
Teche	Louisiana		
Central Maine Power Co Androscog Mill Lower	Maine	Androscog Mill Upper	Maine
Androscoggin 3	Maine	Bar Mills	Maine
Bates Mill Lower	Maine	Bates Mill Upper	Maine
Bonny Eagle	Maine	Brassua	Maine
Brunswick	Maine	Cape Gas Turbine	Maine
Cataract	Maine	Cataract W Channel	Maine
Continental Mills	Maine	Deer Rips	Maine
Fort Halifax	Maine	Gulf Island	Maine
Harris	Maine	Hill Mill	Maine
Hiram	Maine	Islesboro Diesel	Maine
Mason Stearn	Maine	Mesalonsk 2	Maine
Mesalonsk 3	Maine	Mesalonsk 4	Maine
Mesalonsk 5	Maine	North Gorham	Maine



**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Peaks Island Diesel	Maine	Shawmut	Maine
Skellon	Maine	West Buxton	Maine
Weston	Maine	William F Wyman	Maine
Williams	Maine	Wyman	Maine
<b>Central Nebraska Pub P&amp;I Dist</b>			
Canaday	Nebraska	Jeffrey	Nebraska
Johnson 1	Nebraska	Johnson 2	Nebraska
Kingsley	Nebraska		
<b>Central Operating Co</b>	West Virginia		
Phil Sporn			
<b>Central Power &amp; Light Co</b>			
Barney M Davis	Texas	Coletto Creek	Texas
E S Joslin	Texas	Eagle Pass	Texas
J L Bates	Texas	La Palma	Texas
Laredo	Texas	Lon C Hill	Texas
Nueces Bay	Texas	Victoria	Texas
<b>Central Vermont Pub Serv Corp</b>			
Arnold Falls	Vermont	Ascutney	Vermont
Carver Falls	New York	Cavendish	Vermont
Clark Falls	Vermont	East Barnet	Vermont
Fairfax Falls	Vermont	Gage	Vermont
Glen	Vermont	Lower Middlebury	Vermont
Milton	Vermont	Passumpsic	Vermont
Patch	Vermont	Peterson	Vermont
Pierce Mills	Vermont	Pittsford	Vermont
Rutland	Vermont	Sallsbury	Vermont
Silver Lake	Vermont	Smith	Vermont
St Albans	Vermont	Taftsville	Vermont
Weybridge	Vermont		
<b>Centralia City of</b>	Washington		
Centralia			
<b>Century Power Corp</b>	Arizona		
Springerville			
<b>Champion International Corp</b>	Montana	Libby	Montana
Lake Creek			
<b>Chanute City of</b>	Kansas	Chanute 2	Kansas
Chanute 1	Kansas		
Chanute 3			
<b>Chappell City of</b>	Nebraska		
Chappell			
<b>Cheyenne Light Fuel &amp; Power Co</b>	Wyoming	Snyder	Wyoming
Corlett			
<b>Chillicothe Municipal Utilis</b>	Missouri		
Chillicothe			
<b>Chugach Electric Assn Inc</b>	Alaska	Bernice Lake	Alaska
Beluga	Alaska	International	Alaska
Cooper Lake			
<b>Cincinnati Gas &amp; Electric Co</b>	Ohio	East Bend	Kentucky
Dicks Creek	Ohio	Walter C Beckjord	Ohio
Miami Fort			
<b>Citizens Utilities Co</b>	Vermont	Newport	Vermont
Charleston	Vermont	Port Allen	Hawaii
Newport Diesel	Vermont	Valencia	Arizona
Troy			
<b>Clarksdale City of</b>	Mississippi	Wilkins	Mississippi
Third Street			
<b>Clay Center City of</b>	Kansas		
Clay Center			
<b>Cleveland City of</b>	Ohio	Lake Road	Ohio
Collinwood	Ohio		
West 41st Street			
<b>Cleveland Electric Illum Co</b>	Ohio	Avon Lake	Ohio
Ashtabula	Ohio	Lake Shore	Ohio
Eastlake	Ohio		
Perry	Ohio		
<b>Clinton Village of</b>	Michigan		
Clinton			
<b>Cloverland Electric Coop</b>	Michigan	Detour	Michigan
Dafter			
<b>Coffeyville City of</b>	Kansas		
Coffeyville			
<b>Coggon City of</b>	Iowa		
Coggon			
<b>Colby City of</b>	Kansas		
Colby			
<b>Coldwater Board of Public Util</b>	Michigan		
Coldwater			
<b>Coleman City of</b>			

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Coleman	Texas		
<b>Colorado Springs City of</b>			
George Birdsall	Colorado		
Martin Drake	Colorado	Manitou	Colorado
Ruxton	Colorado	Ray D Nixon	Colorado
<b>Colorado-Ute Electric Assn Inc</b>			
Ames	Colorado		
Hayden	Colorado	Craig	Colorado
Ouray	Colorado	Nucla	Colorado
		Tacoma	Colorado
<b>Columbia City of</b>			
Columbia	Missouri		
<b>Columbus City of</b>			
Refuse & Coal	Ohio		
<b>Columbus Southern Power Co</b>			
Conesville	Ohio		
<b>Commonwealth Edison Co</b>		Picway	Ohio
Bloom	Illinois		
Byron	Illinois	Braidwood	Illinois
Collins	Illinois	Calumet	Illinois
Dixon	Illinois	Crawford	Illinois
Electric Junction	Illinois	Dresden	Illinois
Joliet 29	Illinois	Fisk	Illinois
Kincaid	Illinois	Joliet 9	Illinois
Lombard	Illinois	La Salle	Illinois
Quad Cities	Illinois	Powerton	Illinois
Waukegan	Illinois	Sabrooke	Illinois
Zion	Illinois	Will County	Illinois
<b>Commonwealth Edison Co IN Inc</b>			
State Line	Indiana		
<b>Commonwealth Electric Co</b>			
Cannon Street	Massachusetts		
West Tisbury	Massachusetts	Oak Bluffs	Massachusetts
<b>Connecticut Light &amp; Power Co</b>			
Bantam	Connecticut		
Bulls Bridge	Connecticut	Branford	Connecticut
Devon	Connecticut	Cos Cob	Connecticut
Franklin Drive	Connecticut	Falls Village	Connecticut
Montville	Connecticut	Middletown	Connecticut
Robertsville	Connecticut	Norwalk Harbor	Connecticut
Scotland Dam	Connecticut	Rocky River	Connecticut
South Meadow	Connecticut	Shepaug	Connecticut
Taltville	Connecticut	Stevenson	Connecticut
Tracy	Connecticut	Torrington	Connecticut
		Tunnel	Connecticut
<b>Connecticut Yankee Atom Pwr Co</b>			
Haddam Neck	Connecticut		
<b>Consolidated Edison Co-NY Inc</b>			
Arthur Kill	New York	Astoria	New York
Buchanan	New York	East River	New York
Gowanus	New York	Hudson Avenue	New York
Indian Point	New York	Narrows	New York
Flavenswood	New York	Waterside	New York
59th Street	New York	74th Street	New York
<b>Consolidated Water Power Co</b>			
Biron	Wisconsin	Du Bay	Wisconsin
Stevens Point	Wisconsin	Wisconsin Rapids	Wisconsin
Wisconsin River Div	Wisconsin		
<b>Consumers Power Co</b>			
Alcona	Michigan	Allegan Dam	Michigan
B C Cobb	Michigan	B E Morrow	Michigan
Big Rock Point	Michigan	C W Tippy	Michigan
Cooke	Michigan	Croton	Michigan
Dan E Karn	Michigan	Five Channels	Michigan
Foote	Michigan	Gaylor	Michigan
Hardy	Michigan	Hodenpyl	Michigan
J C Woodcock	Michigan	J H Campbell	Michigan
J R Whiting	Michigan	Loud	Michigan
Ludington	Michigan	Mio	Michigan
Palisades	Michigan	Rogers	Michigan
Straits	Michigan	Thelford	Michigan
Webber	Michigan		
<b>Coon Rapids City of</b>			
Coon Rapids	Iowa		
<b>Coop Power Assn</b>			
Bonifacius	Minnesota		
<b>Copper Valley Elec Assn Inc</b>		Coal Creek	North Dakota
Glennallen	Alaska		
Valdez	Alaska	Solomon Gulch	Alaska
<b>Cordova Electric Coop Inc</b>			

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Eyak	Alaska	Orca	Alaska
<b>Corn Belt Power Coop</b> Earl F. Wisdom	Iowa	Humboldt	Iowa
<b>Corning City of</b> Corning	Iowa		
<b>Craig-Botetourt Electric Coop</b> Meadow Creek	Virginia		
<b>Crawfordsville Elec Lgt&amp;Pwr Co</b> Crawfordsville	Indiana		
<b>Crete City of</b> Crete Mun Power	Nebraska		
<b>Crisp County Power Comm</b> Crisp	Georgia	Warwick	Georgia
<b>Crystal Falls City of</b> Crystal Falls	Michigan		
<b>Culpeper Town of</b> Culpeper	Virginia		
<b>Cumberland City of</b> Cumberland	Wisconsin		
<b>Curtis City of</b> Curtis	Nebraska		
<b>Cushing City of</b> Cushing	Oklahoma		
<b>Dahlberg Light &amp; Power Co</b> Gordon Solon Diesel	Wisconsin Wisconsin	Nancy	Wisconsin
<b>Dairyland Power Coop</b> Alma Genoa Stoneman	Wisconsin Wisconsin Wisconsin	Flamboau J P Madgett	Wisconsin Wisconsin
<b>Danville City of</b> Pinnacles	Virginia		
<b>Dayton City of</b> Dayton	Iowa		
<b>Dayton Power &amp; Light Co</b> Frank M Tail Killen Station O H Hutchings Yankoe Street	Ohio Ohio Ohio Ohio	J M Stuart Monument Sidney	Ohio Ohio Ohio
<b>Delano City of</b> Delano	Minnesota		
<b>Delmarva Power &amp; Light Co</b> Bayview Crisfield Edge Moor Indian River Tasley West Substation	Virginia Maryland Delaware Delaware Virginia Delaware	Christiana Delaware City Hay Road Madison Street Vienna	Delaware Delaware Delaware Delaware Maryland
<b>Delta City of</b> Delta	Colorado		
<b>Denison City of</b> Denison	Iowa		
<b>Denton City of</b> Spencer	Texas		
<b>Denver City &amp; County of</b> Dillon Roberts Tunnel Williams Fork	Colorado Colorado Colorado	Foothills Strontia Springs	Colorado Colorado
<b>Deseret Generation &amp; Tran Coop</b> Bonanza	Utah		
<b>Detroit City of</b> Mistersky	Michigan		
<b>Detroit Edison Co</b> Beacon Heating Collfax Dayton Greenwood Harbor Beach Monroe Oliver Putnam Slocum Superior Wilmot	Michigan Michigan Michigan Michigan Michigan Michigan Michigan Michigan Michigan Michigan Michigan Michigan	Belle River Conners Creek Fermi Hancock Marysville Northeast Placid 12 River Rouge St Clair Trenton Channel	Michigan Michigan Michigan Michigan Michigan Michigan Michigan Michigan Michigan
<b>Detroit Lakes City of</b> Detroit Lakes	Minnesota		
<b>Dover City of</b> Dover	Ohio	McKoe Run	Delaware

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
<b>Dowagiac City of</b> Dowagiac	Michigan		
<b>Duke Power Co</b> Bolows Creek	North Carolina	Boyd's Mill	South Carolina
Bridgewater	North Carolina	Buck	North Carolina
Buzzard Roost	South Carolina	Catawba	South Carolina
Cedar Creek	South Carolina	Cliffside	North Carolina
Cowans Ford	North Carolina	Dan River	North Carolina
Dearborn	South Carolina	Fishing Creek	South Carolina
G G Allen	North Carolina	Gaston Shoals	South Carolina
Great Falls	South Carolina	Holidays Bridge	South Carolina
Idols	North Carolina	Jocassee	South Carolina
Kocwooc	South Carolina	Lookout Shoals	North Carolina
Marshall	North Carolina	McGuire	North Carolina
Mountain Island	North Carolina	Oconee	South Carolina
Oxford	North Carolina	Rhodhiss	North Carolina
Riverbend	North Carolina	Rocky Creek	South Carolina
Saluda	South Carolina	Sponcor Mountain	North Carolina
Slico Shoals	North Carolina	Turner Shoals	North Carolina
Tuxedo	North Carolina	Urquhart	South Carolina
W S Lee	South Carolina	Wateree	South Carolina
Wylie	South Carolina	99 Islands	South Carolina
<b>Duquesne Light Co</b> Beaver Valley	Pennsylvania	Brunot Island	Pennsylvania
Cheswick	Pennsylvania	Elrama	Pennsylvania
F R Phillips	Pennsylvania		
<b>Durant City of</b> Durant	Iowa		
<b>East Bay Municipal Util Dist</b> Camancho	California	Pardee	California
<b>East Kentucky Power Coop Inc</b> Cooper	Kentucky	Dale	Kentucky
H L Spurlock	Kentucky		
<b>Eastern Maine Electric Coop</b> Portable	Maine	River Street	Maine
<b>Easton Utilities Comm</b> Easton	Maryland	Easton 2	Maryland
<b>Edison Sault Electric Co</b> Edison Sault	Michigan	Manistique	Michigan
St Ignace	Michigan		
<b>Egegik Light &amp; Power Co</b> Egegik	Alaska		
<b>El Paso Electric Co</b> Copper	Texas	Newman	Texas
Rio Grande	New Mexico		
<b>Electra City of</b> Electra	Texas		
<b>Electric Energy Inc</b> Joppa Steam	Illinois		
<b>Elk River City of</b> Elk River	Minnesota		
<b>Ellinwood City of</b> Ellinwood	Kansas		
<b>Elroy City of</b> Elroy	Wisconsin		
<b>Emerson City of</b> Emerson	Nebraska		
<b>Empire District Electric Co</b> Asbury	Missouri	Empire Energy Center	Missouri
Ozark Beach	Missouri	Riverton	Kansas
<b>Enosburg Falls Village of</b> Diesel Plant 1	Vermont	Kendall	Vermont
Village Plant	Vermont		
<b>Ephraim City of</b> Hydro Plant No 3	Utah	Hydro Plant No 4	Utah
No 1	Utah		
<b>Erie City of</b> Erie	Kansas		
<b>Escondido City of</b> Bear Valley	California	Rincon Power	California
<b>Estherville City of</b> Estherville	Iowa		
<b>Eugene City of</b> Carmen Smith	Oregon	Leaburg	Oregon
Walterville	Oregon	Willamette	Oregon
<b>Fairbanks City of</b> Chena	Alaska		
<b>Fairbury City of</b>			

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Fairbury	Nebraska		
Fairfax City of	Minnesota		
Fairfax			
Fairfield City of	Illinois		
Fairfield			
Fairmont Public Utilities Comm	Minnesota		
Fairmont			
Fairview City of	Oklahoma		
Fairview			
Fall River Rural Elec Coop Inc	Idaho	New Fall	Idaho
Fall			
Falls City City of	Nebraska		
Falls City			
Farmer City City of	Illinois		
Farmer City			
Farmington City of	New Mexico	Navajo	New Mexico
Animas			
Farmington River Power Co	Connecticut		
Rainbow			
Fayette City of	Missouri		
Fayette			
Fayetteville Public Works Comm	North Carolina		
Butler Warner Gon Pl			
Fennimore City of	Wisconsin		
Fennimore			
Fishers Island Electric Corp	New York		
Fishers Island			
Fitchburg Gas & Elec Light Co	Massachusetts		
Fitchburg			
Florida Keys El Coop Assn Inc	Florida		
Marathon			
Florida Power & Light Co	Florida	Cutler	Florida
Cape Canaveral	Florida	Lauderdale	Florida
Fort Myers	Florida	Marlin	Florida
Manatee	Florida	Putnam	Florida
Port Everglades	Florida	Sanford	Florida
Riviera	Florida	Turkey Point	Florida
St Lucie			
Florida Power Corp	Florida	Avon Park	Florida
Anclote	Florida	Crystal River	Florida
Bayboro	Florida	G E Turner	Florida
Dohary	Florida	Intercession City	Florida
Higgins	Florida	Port St Joe	Florida
P L Bartow	Florida	Suwannee River	Florida
Rio Pinar			
Florida Public Utilities Co	Florida		
Blue Springs			
Floydada City of	Texas		
Floydada			
Forest City City of	Iowa		
Forest City			
Fort Bend Utilities Co Inc	Texas		
Fort Bend			
Fort Pierce Utilities Auth	Florida		
Henry D King			
Fort Wayne City of	Indiana		
St Joe Dam			
Franklin City of	Nebraska		
Franklin			
Fredonia City of	Kansas		
Fredonia			
Freeburg Village of	Illinois		
Freeburg			
Freeport Village of Inc	New York	Plant No 2	New York
Plant No 1			
Fremont City of	Nebraska		
Lon Wright			
Fulton City of	Missouri		
Fulton			
Gainesville Regional Utilities	Florida	J R Kelly	Florida
Daerhaven			
Gallatin City of	Missouri		
Gallatin			
Garkane Power Assn Inc	Utah		
Boulder			
Garland City of	Texas	Ray Olinger	Texas
C E Newman			
Garnett City of			

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Garnett	Kansas		
<b>Geneseo City of</b>			
Geneseo	Illinois		
<b>Georgia Power Co</b>			
Arkwright	Georgia	Atkinson	Georgia
Barnett Shoals	Georgia	Bartolts Ferry	Georgia
Bowen	Georgia	Burton	Georgia
Edwin Hatch	Georgia	Estatoah	Georgia
Flint River	Georgia	Goat Rock	Georgia
Hammond	Georgia	Harlow Branch	Georgia
Jack McDonough	Georgia	Langdale	Georgia
Lloyd Shoals	Georgia	McManus	Georgia
Mitchell	Georgia	Morgan Falls	Georgia
Nacoochee	Georgia	North Highlands	Georgia
Oliver Dam	Georgia	Riverview	Georgia
Schorer	Georgia	Sinclair Dam	Georgia
Tallulah Falls	Georgia	Terrora	Georgia
Tugalo	Georgia	Vogtle	Georgia
Wallace Dam	Georgia	Wansley	Georgia
Wilson	Georgia	Yates	Georgia
Yonah	Georgia		
<b>Gilman Brothers Co</b>			
Gilman	Connecticut		
<b>Girard City of</b>			
Girard	Kansas		
<b>Glencoe Light &amp; Power Comm</b>			
Glencoe	Minnesota		
<b>Glendale City of</b>			
Grayson	California		
<b>Golden Valley Elec Assn Inc</b>			
Fairbanks	Alaska		
North Pole	Alaska	Hoaly	Alaska
<b>Goodland City of</b>			
Goodland	Kansas		
<b>Gouverneur City of</b>			
Gouverneur	New York		
<b>Gowrie City of</b>			
Gowrie	Iowa		
<b>Graettinger City of</b>			
Graettinger	Iowa		
<b>Grafton City of</b>			
Grafton	North Dakota		
<b>Grand Haven City of</b>			
Diesel Plant	Michigan	J B Sims	Michigan
<b>Grand Island City of</b>			
C W Burdick	Nebraska	Platto	Nebraska
<b>Grand Junction City of</b>			
Grand Junction	Iowa		
<b>Grand Marais City of</b>			
Grand Marais	Minnesota		
<b>Grand River Dam Authority</b>			
GRDA	Oklahoma	Markham	Oklahoma
Pensacola	Oklahoma	Salina	Oklahoma
<b>Granite Falls Town of</b>			
Granite Falls	Minnesota		
<b>Green Mountain Power Corp</b>			
Berlin 5	Vermont	Bolton Falls	Vermont
Colchester 16	Vermont	Essex Junction 19	Vermont
Gorge 18	Vermont	Marshfield 6	Vermont
Middlesex 2	Vermont	Vergennes 9	Vermont
Waterbury 22	Vermont	West Danville 15	Vermont
<b>Greenfield City of</b>			
Greenfield	Iowa		
<b>Greenport Village of</b>			
Greenport	New York		
<b>Greensburg City of</b>			
Greensburg	Kansas		
<b>Greenville City of</b>			
Clark Street Plant	Texas	Powerlane Plant	Texas
<b>Greenwood Utilities Comm</b>			
Henderson	Mississippi	Wright	Mississippi
<b>Gresham Village of</b>			
Gresham	Wisconsin	Lower Wood	Wisconsin
Upper Wood	Wisconsin		
<b>Grundy Center City of</b>			
Grundy Center	Iowa		
<b>Guadalupe Blanco River Auth</b>			
Abbott TP 3	Texas	Canyon	Texas

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Durlap TP 1	Texas	H 4	Texas
H 5	Texas	Nolto	Texas
TP 4	Texas		
<b>Gulf Power Co</b>		Scholz	Florida
Crist	Florida		
Smith	Florida		
<b>Gulf States Utilities Co</b>		Louisiana 1	Louisiana
Lewis Crook	Texas	Nueces	Texas
Louisiana 2	Louisiana	River Bend	Louisiana
R S Nelson	Louisiana	Toledo Bend	Texas
Sabine	Texas		
Willow Glen	Louisiana		
<b>Gwitchyaa Zhee Utility Co</b>			
Gwitchyaa Zhee	Alaska		
<b>GPU Nuclear Corp</b>		Three Mile Island	Pennsylvania
Oyster Crook	New Jersey		
<b>Hagerstown City of</b>			
Hagerstown	Maryland		
<b>Haines Light &amp; Power Co Inc</b>			
Haines	Alaska		
<b>Halstad City of</b>			
Halstad	Minnesota		
<b>Hamilton City of</b>		Hamilton	Ohio
Greenup Hydro	Ohio		
Hamilton	Ohio		
<b>Hardwick Town of</b>		Wolcott	Vermont
Hardwick	Vermont		
<b>Hart Hydro City of</b>		Hart Hydro	Michigan
Hart	Michigan		
<b>Hartley City of</b>			
Hartley	Iowa		
<b>Hastings City of</b>		Hastings Energy Ctr	Nebraska
Don Henry	Nebraska		
North Donvor	Nebraska		
<b>Hawaii Electric Light Co Inc</b>		Keahole	Hawaii
Kanoelohua	Hawaii	Puueo	Hawaii
Puna	Hawaii	W H Hill	Hawaii
Shipman	Hawaii	Waimea	Hawaii
Waiau	Hawaii		
<b>Hawaiian Electric Co Inc</b>		Kaho	Hawaii
Honolulu	Hawaii		
Waiau	Hawaii		
<b>Hawarden City of</b>			
Hawarden	Iowa		
<b>Hawley Public Utilities Comm</b>			
Hawley	Minnesota		
<b>Haxtun Town of</b>			
Haxtun	Colorado		
<b>Heber Light &amp; Power Co</b>		Lake Crook	Utah
Gas Generation	Utah		
Snake Crook	Utah		
<b>Henderson City of</b>			
Henderson 1	Kentucky		
<b>Herington City of</b>			
Herington	Kansas		
<b>Herndon City of</b>			
City Light Plant	Kansas		
<b>Hibbing Public Utilities Comm</b>			
Hibbing	Minnesota		
<b>Higginsville City of</b>			
Higginsville	Missouri		
<b>Highland City of</b>			
Highland	Illinois		
<b>Hill City City of</b>			
Hill City	Kansas		
<b>Hillsdale City of</b>			
Hillsdale	Michigan		
<b>Hoisington City of</b>			
Hoisington	Kansas		
<b>Holdrege City of</b>			
Holdrege	Nebraska		
<b>Holland City of</b>		Sixth Street	Michigan
James De Young	Michigan		
<b>Holly City of</b>			
Holly	Colorado		
<b>Holton City of</b>			
Holton	Kansas		
<b>Holyoke City of</b>			

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Holyoke	Colorado		
<b>Holyoke Gas &amp; Electric Co</b>			
Cabot-Holyoke	Massachusetts		
<b>Holyoke Water Power Co</b>			
Boebe Holbrook	Massachusetts	Boatlook	Massachusetts
Chemical	Massachusetts	Hadley Falls	Massachusetts
Mount Tom	Massachusetts	Riverside	Massachusetts
Skinner	Massachusetts		
<b>Homer Electric Assn Inc</b>			
Saldovia	Alaska		
<b>Homestead City of</b>			
G W Ivey	Florida		
<b>Hoosier Energy R E C Inc</b>			
Frank E Halls	Indiana		
<b>Hopkinton City of</b>			
Hopkinton	Iowa	Murom	Indiana
<b>Houston Lighting &amp; Power Co</b>			
Cedar Bayou	Texas	Deepwater	Texas
Groons Bayou	Texas	Hiram Clarke	Texas
Limestone	Texas	P H Robinson	Texas
Sam Borlton	Texas	South Texas	Texas
T H Wharton	Texas	W A Parish	Texas
Webster	Texas		
<b>Hudson Town of</b>			
Cherry Street	Massachusetts		
<b>Hughes Power &amp; Light Co</b>			
Hughes	Alaska		
<b>Hugoton City of</b>			
Hugoton 1	Kansas	Hugoton 2	Kansas
<b>Hutchinson Utilities Comm</b>			
Plant 1	Minnesota	Plant 2	Minnesota
<b>Hydro Development Group Inc</b>			
Copenhagen	New York	Doxter	New York
Diamond Island	New York	Fowler No 7 Mill	New York
Hallesboro No 3 Mill	New York	Hallesboro No 4 Mill	New York
Hallesboro No 8 Mill	New York	Pyrites 1	New York
Pyrites 2	New York	Theresa	New York
<b>Hydro-Op One Associates</b>			
Dayton	Illinois		
<b>Hyrum City Corp</b>			
Hyrum	Utah		
<b>I-N-N Electric Coop Inc</b>			
I-N-N Electric	Alaska		
<b>Idaho Falls City of</b>			
City Power Plant	Idaho	Gem State	Idaho
Lower No 1	Idaho	Lower No 2	Idaho
Upper Power Plant	Idaho		
<b>Idaho Power Co</b>			
American Falls	Idaho	Bliss	Idaho
Brownlee	Idaho	C J Striko	Idaho
Cascade	Idaho	Clear Lake	Idaho
Hells Canyon	Oregon	Lower Malad	Idaho
Lower Salmon	Idaho	Oxbow	Oregon
Salmon	Idaho	Shoshone Falls	Idaho
Swan Falls	Idaho	Thousand Springs	Idaho
Twin Falls	Idaho	Upper Malad	Idaho
Upper Salmon Falls A	Idaho	Upper Salmon Falls B	Idaho
Wood River	Idaho		
<b>Illinois Power Co</b>			
Baldwin	Illinois	Clinton	Illinois
Havana	Illinois	Hennepin	Illinois
Oglesby	Illinois	Stallings	Illinois
Vermilion	Illinois	Wood River	Illinois
<b>Imperial City of</b>			
Imperial	Nebraska		
<b>Imperial Irrigation District</b>			
Brawley	California	Coachella	California
Double Weir	California	Drop No 5	California
Drop 1	California	Drop 2	California
Drop 3	California	Drop 4	California
East Highline	California	El Centro	California
Pilot Knob	California	Rockwood	California
Turnip	California		
<b>Independence City of</b>			
Blue Valley	Missouri	Independence	Iowa
Jackson Square	Missouri	Missouri City	Missouri
Station 11	Missouri	Station 1	Missouri
<b>Indiana Michigan Power Co</b>			



**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Borren Springs	Michigan	Broad	Indiana
Buchanan	Michigan	Donald G. Cook	Michigan
Elkhart	Indiana	Fourth Street	Indiana
Hockport	Indiana	Lanners Creek	
Twin Branch			
Indiana-Kentucky Electric Corp			
Clifty Creek	Indiana		
Indianapolis Power & Light Co			
Elmer W Stout	Indiana	H T Pritchard	Indiana
Perry K	Indiana	Perry W	Indiana
Petersburg	Indiana		
Indiana City of			
Indiana	Iowa		
International Bound & Wtr Comm			
Amsted Dam & Power	Texas	Falcon Dam & Power	Texas
Interstate Power Co			
Dubuque	Iowa	Fox Lake	Minnesota
Hills	Minnesota	Lansing	Iowa
Milton E Kapp	Iowa	Montgomery	Minnesota
Now Arlin	Iowa	Rushford	Minnesota
Iola City of			
Iola	Kansas		
Iowa Electric Light & Power Co			
Amos	Iowa	Duane Arnold	Iowa
Iowa Falls	Iowa	Maquoketa	Iowa
Marshalltown	Iowa	Prairie Creek	Iowa
Sixth Street	Iowa	Sutherland	Iowa
Iowa Power Inc			
Council Bluffs	Iowa	Des Moines	Iowa
Favor Hills	Iowa	Sycamore	Iowa
Iowa Public Service Co			
Electrlarm	Iowa	George Neal	Iowa
Merle Parr	Iowa		
Iowa Southern Utilities Co			
Burlington	Iowa	Centerville	Iowa
Ottumwa	Iowa		
Iowa-Illinois Gas & Electric Co			
Coralville	Iowa	Louisa	Iowa
Manson	Iowa	Molino	Illinois
Riverside	Iowa		
Ipswich Town of			
Ipswich	Massachusetts		
Jackson City of			
Jackson	Missouri		
Jacksonville Electric Auth			
J D Kennedy	Florida	Northside	Florida
Southside	Florida	St Johns River Power	Florida
Jamestown City of			
S A Carlson	New York		
Janesville City of			
Janesville	Minnesota		
Jasper City of			
Jasper 2	Indiana		
Jersey Central Power & Light Co			
Forked River	New Jersey	Gilbert	New Jersey
Glen Gardner	New Jersey	Sayreville	New Jersey
Wormer	New Jersey	Yards Creek	New Jersey
Jetmore City of			
Jetmore	Kansas		
Johnson City of			
Johnson	Kansas		
Julesburg City of			
Julesburg	Colorado		
Kahoka City of			
Kahoka	Missouri		
Kansas City City of			
Kaw	Kansas	Hoarnan Creek	Kansas
Quindaro	Kansas		
Kansas City Power & Light Co			
Grand Avenue	Missouri	Hawthorn	Missouri
Jalan	Missouri	La Cygne	Kansas
Montrose	Missouri	Northeast	Missouri
Kansas Gas & Electric Co			
Gordon Evans	Kansas	Murray Gill	Kansas
Noosho	Kansas	Wichita	Kansas
Kansas Power & Light Co			
Abilene	Kansas	Hutchinson	Kansas
Joffroy Energy Contr	Kansas	Lawrence	Kansas

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Locusts	Kansas		
Kaukauna City of			
Combined Locks	Wisconsin		
Kaukauna	Wisconsin	Kaukauna	Wisconsin
New Badger	Wisconsin	Lillo Chute	Wisconsin
Rapid Croche	Wisconsin	Old Badger	Wisconsin
Kennett City of			
Kennett	Missouri		
Kentucky Power Co			
Big Sandy	Kentucky		
Kentucky Utilities Co			
Dix Dam	Kentucky	E. W. Brown	Kentucky
Ghent	Kentucky	Green River	Kentucky
Haelling	Kentucky	Lock 7	Kentucky
Pineville	Kentucky	Tyrone	Kentucky
Kenyon Municipal Utilities			
Kenyon Municipal	Minnesota		
Ketchikan City of			
Beaver Falls	Alaska	Ketchikan	Alaska
S W Bailey	Alaska	Silvis	Alaska
Swan Lake Hydro	Alaska	Totom Bight	Alaska
Key West City of			
Big Pine	Florida		
Key West	Florida	Gudjoo	Florida
Kimball City of			
Kimball	Nebraska	Stock Island	Florida
Kimballton City of			
Kimballton	Iowa		
Kingfisher City of			
Kingfisher	Oklahoma		
Kingman City of			
Kingman	Kansas		
Kings River Conservation Dist			
Pine Flat	California		
Klamath Utility Authority			
Hansel	Florida		
Kodiak Electric Assn Inc			
Kodiak	Alaska		
Terror Lake	Alaska	Port Lions	Alaska
Kotzebue Electric Assn Inc			
Kotzebue	Alaska		
La Crosse City of			
La Crosse	Kansas		
La Junta City of			
La Junta	Colorado		
La Plata City of			
La Plata	Missouri		
La Porte City of			
La Porte	Iowa		
Lafayette City of			
Doc Bonin	Louisiana	Hodometer	Louisiana
Lake Crystal City of			
Lake Crystal	Minnesota		
Lake Lure Town of			
Lake Lure	North Carolina		
Lake Mills City of			
Lake Mills	Iowa		
Lake Park City of			
Lake Park	Iowa		
Lake Worth City of			
Tom G. Smith	Florida		
Lakeland City of			
C. D. McIntosh Jr	Florida		
Lamar City of			
Lamar	Colorado	Larson Memorial	Florida
Lamoni City of			
Lamoni	Iowa		
Lanesboro Public Utility Comm			
Lanesboro	Minnesota		
Lansing City of			
Eckert Station	Michigan		
Mounts Park	Michigan	Lackson	Michigan
Ottawa Street	Michigan	North Lansing	Michigan
Larned City of			
Cass Tubb	Kansas	Larned	Kansas
Larson Bay City of			
Larson	Alaska		
Las Animas City of			

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Las Animas	Colorado		
Laurel City of	Nebraska		
Laurens City of	Iowa		
Le Sueur City of	Minnesota		
Lea County Electric Coop Inc	New Mexico		
Lebanon City of	Ohio		
Lenox City of	Iowa		
Lewes City of	Delaware		
Lincoln Center City of	Kansas		
Lincoln Electric System	Nebraska	Rokeby	Nebraska
Lindsay City of	Oklahoma		
Litchfield Public Utility Comm	Minnesota		
Livingston City of	Montana		
Lockhart Power Co	South Carolina		
Lodgepole City of	Nebraska		
Logan City of	Utah	Logan Hydro	Utah
Logansport City of	Indiana		
Long Island Lighting Co	New York	East Hampton	New York
	New York	Glenwood	New York
	New York	Montauk	New York
	New York	Port Jefferson	New York
	New York	South Hampton	New York
	New York	Wading River	New York
Longmont City of	Colorado		
Los Angeles City of	California	Castaic	California
	California	Coltonwood	California
	California	Foothill Power	California
	California	Hawee	California
	California	Haynes Gen Station	California
	Utah	Middle Gorge	California
	California	San Fernando	California
	California	San Francisco 2	California
	California	Scattergood Gen Sta	California
	California	Valley Gen Station	California
Louisiana Power & Light Co	Louisiana	Little Gypsy	Louisiana
	Louisiana	Ninemile Point	Louisiana
	Louisiana	Thibodaux	Louisiana
	Louisiana	Waterford 1 & 2	Louisiana
Louisville Gas & Electric Co	Kentucky	Mill Creek	Kentucky
	Kentucky	Paddy's Run	Kentucky
	Kentucky	Zorn	Kentucky
Lowell City of	Michigan		
Lower Colorado River Authority	Texas	Buchanan	Texas
	Texas	Inks	Texas
	Texas	Marshall Ford	Texas
	Texas	Sirn Oldoon	Texas
Lower Valley Power & Light Inc	Wyoming		
Lubbock City of	Texas	Plant 2	Texas
Luverne City of	Minnesota		

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Lyndonville Village of Great Falls	Vermont		
M & A Electric Power Coop Green Forest	Missouri	Vail	Vermont
Macon City of Macon	Missouri		
Madella City of Madella	Minnesota		
Madison City of Madison	Minnesota		
Madison Gas & Electric Co Blount Street	Wisconsin		
Nine Springs	Wisconsin	Fitchburg	Wisconsin
Madison Town of Norridgewick	Maine	Sycamore	Wisconsin
Maine Public Service Co Caribou	Maine		
Houlton	Maine	Fios Inn	Maine
Maine Yankee Atomic Power Co Maine Yankee	Maine	Squa Pan	Maine
Malden City of Malden	Missouri		
Mangum City of Mangum	Oklahoma		
Manilla Town of Manilla	Iowa		
Manitowoc City of Manitowoc	Wisconsin		
Manley Utility Co Inc Manley	Alaska		
Manning City of Manning	Iowa		
Manti City of Manti Lower	Utah		
Maquoketa City of Maquoketa	Iowa	Manti Upper	Utah
Marblehead City of Commercial Street	Massachusetts		
Marquette City of Frank J Husaoll	Michigan	Wilkins Station	Massachusetts
Plant Two	Michigan	Plant Four	Michigan
Marshall City of Marshall	Michigan	Shiras	Michigan
Marshall	Missouri	Marshall	Minnesota
Marshallfield City of Wildwood	Wisconsin		
Martinsville City of Martinsville	Virginia		
Mascoutah City of Mascoutah	Illinois		
Massachusetts Mun Whls Elec Co Stony Brook	Massachusetts		
Matanuska Electric Assn Inc Unalakleet	Alaska	Unalakleet-Wind	Alaska
Matineus Plantation Elec Co Matineus	Maine		
Maul Electric Co Ltd Cooke Gen Station	Hawaii		
Maalaea	Hawaii	Kahului	Hawaii
McGrath Light & Power Co McGrath	Alaska		
McGregor City of McGregor	Iowa		
McLeansboro City of McLeansboro	Illinois		
McPherson City of McPherson 1	Kansas		
Meade City of Meade	Kansas	McPherson 2	Kansas
Medina Electric Coop Inc Pearsall	Texas		
Melrose Public Utilities Melrose	Minnesota		
Memphis City of Memphis	Missouri		
Menasha City of Menasha	Wisconsin		
Merced Irrigation District			

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Exchequer	California	McSwain	California
Papazian	California	Parker	California
Reta	California		
<b>Merrillan City of</b>	Wisconsin		
Merrillan			
<b>Metlakatla Power &amp; Light</b>	Alaska	Chester Lake	Alaska
Centennial	Alaska	Purple Lake	Alaska
Metlakatla			
<b>Metropolitan Edison Co</b>	Pennsylvania	Hunterstown	Pennsylvania
Hamilton	Pennsylvania	Orrtania	Pennsylvania
Mountain	Pennsylvania	Shawnee	Pennsylvania
Portland	Pennsylvania	Tolna	Pennsylvania
Titus	Pennsylvania		
York Haven	Pennsylvania		
<b>Metropolitan Water District</b>	California	Coyote Creek	California
Corona	California	Greg Avenue	California
Foothill Feeder	California	Perris	California
Lake Mathews	California	Rio Hondo	California
Red Mountain	California	Sepulveda Canyon	California
San Dimas	California	Valley View	California
Temescal	California	Yorba Linda	California
Venice	California		
<b>Michigan Power Co</b>	Michigan	Mottville	Michigan
Constantine			
<b>Michigan South Central Pwr Agy</b>	Michigan		
Endicott Generating			
<b>Mid-State Service Co</b>	Michigan	Trving	Michigan
Middleville			
<b>Midwest Energy Inc</b>	Kansas	Bird City	Kansas
Atwood	Kansas	Ellis	Kansas
Colby	Kansas	Hays	Kansas
Great Bend	Kansas	Ross Beach	Kansas
Hoxie	Kansas		
Wakeeney	Kansas		
<b>Millford City of</b>	Iowa		
Millford			
<b>Minden City of</b>	Louisiana		
Minden			
<b>Minneapolis City of</b>	Kansas		
Minneapolis			
<b>Minnesota Power &amp; Light Co</b>	Minnesota	Clay Boswell	Minnesota
Blanchard	Minnesota	Knife Falls	Minnesota
Fond Du Lac	Minnesota	M L Hibbard	Minnesota
Little Falls	Minnesota	Prairie River	Minnesota
Pillager	Minnesota	Syl Laskin	Minnesota
Scanlon	Minnesota	Thomson	Minnesota
Sylvan	Minnesota		
Winton	Minnesota		
<b>Minnesota Power Coop Inc</b>	North Dakota	Harwood	North Dakota
Grand Forks	North Dakota	Milton R Young	North Dakota
Lerfald			
<b>Mississippi Power &amp; Light Co</b>	Mississippi	Delta	Mississippi
Baxter Wilson	Mississippi	Natchez	Mississippi
Gerald Andrus	Mississippi		
Rex Brown	Mississippi		
<b>Mississippi Power Co</b>	Mississippi	Jack Watson	Mississippi
Eaton	Mississippi	Sweatt	Mississippi
Standard Oil	Mississippi		
Victor J Daniel Jr	Mississippi		
<b>Modesto Irrigation District</b>	California	New Hogan	California
McClure	California		
Stone Drop	California		
<b>Monongahela Power Co</b>	West Virginia	Fort Martin	West Virginia
Albright	West Virginia	Pleasants	West Virginia
Harrison	West Virginia	Willow Island	West Virginia
Rivesville	West Virginia		
<b>Monroe City City of</b>	Utah	Monroe	Missouri
Lower	Utah	Upper	Utah
Monroe Pumping Sta			
<b>Montana Power Co</b>	Montana	Cochrane	Montana
Black Eagle	Montana	Frank Bird	Montana
Colstrip	Montana	Holler	Montana
Hauser Lake	Montana	Kerr	Montana
J E Corette	Wyoming	Madison	Montana
Lake Diesel	Montana	Morony	Montana
Milltown	Montana	Old Faithful	Wyoming
Mystic Lake	Montana	Ryan	Montana
Rainbow	Montana		

Table D3. List of Plants by Utility, 1989 (Continued)

Utility / Plant Name	State	Plant Name	State
Thompson Falls <b>Montana-Dakota Utilities Co</b>	Montana		
Coyote	North Dakota		
Lewis & Clark	Montana	Glendive	Montana
R M Heskett	North Dakota	Miles City Comb Turb	Montana
<b>Montaup Electric Co</b>		Williston	North Dakota
Somerset	Massachusetts		
<b>Montezuma City of</b>			
Montezuma	Iowa		
<b>Moon Lake Electric Assn Inc</b>			
Uintah	Utah	Yellowstone	Utah
<b>Moorhead City of</b>			
Moorhead	Minnesota		
<b>Moose Lake Water &amp; Light Comm</b>			
Moose Lake	Minnesota		
<b>Mora City of</b>			
Mora	Minnesota		
<b>Morgan City City of</b>			
Morgan City	Louisiana		
<b>Morrisville Village of</b>			
Cadys Falls	Vermont	Morrisville	Vermont
W K Sanders	Vermont		
<b>Mountain Lake City of</b>			
Mountain Lake	Minnesota		
<b>Mt Pleasant City of</b>			
Lower	Utah		
Upper	Utah	Mt Pleasant	Iowa
<b>Mullen Village of</b>			
Mullen	Nebraska		
<b>Mulvane City of</b>			
Mulvane	Kansas		
<b>Murray City of</b>			
Little Cottonwood	Utah	Murray Diesel	Utah
<b>Muscatine City of</b>			
Muscatine	Iowa		
<b>Muscoda City of</b>			
Muscoda	Wisconsin		
<b>Naknek Electric Assn Inc</b>			
Naknek	Alaska		
<b>Nantahala Power &amp; Light Co</b>			
Bear Creek	North Carolina	Bryson	North Carolina
Cedar Cliff	North Carolina	Dillsboro	North Carolina
Franklin	North Carolina	Mission	North Carolina
Nantahala	North Carolina	Queens Creek	North Carolina
Tennessee Creek	North Carolina	Thorpe	North Carolina
Tuckasegee	North Carolina		
<b>Nantucket Electric Co</b>			
Nantucket	Massachusetts		
<b>Natchitoches City of</b>			
Natchitoches	Louisiana		
<b>Nebraska City City of</b>			
Nebraska City	Nebraska	Syracuse	Nebraska
<b>Nebraska Public Power District</b>			
Columbus	Nebraska	Cooper Station	Nebraska
David City Plant	Nebraska	Deshler	Nebraska
Gerald Gentleman Sta	Nebraska	Hallam Peaking	Nebraska
Hebron Peaking	Nebraska	Kearney	Nebraska
Lyons Plant	Nebraska	Madison Plant	Nebraska
McCook Peaking	Nebraska	Minnechaduzu	Nebraska
Mobile	Nebraska	Monroe	Nebraska
North Platte	Nebraska	Ord Plant	Nebraska
Randolph Plant	Nebraska	Schuyler Plant	Nebraska
Sheldon	Nebraska	Spencer	Nebraska
Sutherland Plant	Nebraska	Wakefield Plant	Nebraska
<b>Neodesha City of</b>			
Neodesha	Kansas		
<b>Nevada Irrigation District</b>			
Bowman	California	Chicago Park	California
Combie North	California	Combie South	California
Dutch Flat 2	California	Rollins	California
Scott Flat	California		
<b>Nevada Power Co</b>			
Clark	Nevada	Reid Gardner	Nevada
Sunrise	Nevada	Westside	Nevada
<b>New England Power Co</b>			
Bear Swamp	Massachusetts	Bellows Falls	Vermont
Brayton Point	Massachusetts	Comerford	New Hampshire
Deerfield 2	Massachusetts	Deerfield 3	Massachusetts

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Doorfield 4	Massachusetts	Doorfield 5	Massachusetts
Fife Brook	Massachusetts	Gloucester	Massachusetts
Harriman	Vermont	Manchester Street	Rhode Island
McIndoes	New Hampshire	Nowburyport	Massachusetts
S C Moore	Vermont	Salem Harbor	Massachusetts
Searsburg	Vermont	Sherman	New Hampshire
South Street	Rhode Island	Vernon	New Hampshire
Vernon	New Hampshire	Wildor	New Hampshire
Wilder	Vermont		
<b>New Hampton City of</b>			
New Hampton	Iowa		
<b>New Lisbon City of</b>			
New Lisbon	Wisconsin		
<b>New Orleans Public Service Inc</b>			
A B Paterson	Louisiana	Michoud	Louisiana
<b>New Prague Mun Utils Comm</b>			
New Prague	Minnesota		
<b>New Roads City of</b>			
New Roads	Louisiana		
<b>New Smyrna Beach Utils Comm</b>			
Glencoe Road	Florida	North Causeway	Florida
Smith Street	Florida	W E Swoope	Florida
<b>New Ulm Public Utilities Comm</b>			
New Ulm	Minnesota		
<b>New York State Elec &amp; Gas Corp</b>			
Cadyville	New York	Goudoy	New York
Greenidge	New York	Harris Lake	New York
Hickling	New York	High Falls	New York
Jennison	New York	Kent Falls	New York
Keuka	New York	Mechanicville	New York
Mili C	New York	Millikon	New York
Rainbow Falls	New York	Seneca Falls	New York
Somerset	New York	Waterloo	New York
<b>Newberry City of</b>			
Newberry	Michigan		
<b>Newport Electric Corp</b>			
Eldred	Rhode Island	Jepson	Rhode Island
<b>Niagara Mohawk Power Corp</b>			
Albany	New York	Allens Falls	New York
Bakers Falls	New York	Baldwinsville	New York
Boardslee	New York	Boebee Island	New York
Bolfort	New York	Bonnetts Bridge	New York
Black River	New York	Blake	New York
Browns Falls	New York	C R Huntley	New York
Chasm	New York	Colton	New York
Deferiet	New York	Dunkirk	New York
E J West	New York	Eagle	New York
East Norfolk	New York	Eel Weir	New York
Effley	New York	Elmer	New York
Ephratah	New York	Feeder Dam	New York
Five Falls	New York	Flat Rock	New York
Franklin	New York	Fulton	New York
Glenwood	New York	Granby	New York
Green Island	New York	Hannawa	New York
Herrings	New York	Heuvelton	New York
High Dam	New York	High Falls	New York
Higley	New York	Hogansburg	New York
Hydraulic Race	New York	Inghams	New York
Johnsonville	New York	Kamargo	New York
Lighthouse Hill	New York	Macomb	New York
Mechanicville	New York	Minetto	New York
Moreau	New York	Moshier	New York
Nine Mile Point	New York	Norfolk	New York
Norwood	New York	Oak Orchard	New York
Oswegatchie	New York	Oswego	New York
Oswego Falls East	New York	Oswego Falls West	New York
Parishville	New York	Piercefield	New York
Prospect	New York	Rainbow Falls	New York
Raymondville	New York	Rotterdam	New York
Schaghticoke	New York	School Street	New York
Schuylerville	New York	Sewalls	New York
Sherman Island	New York	Soft Maple	New York
South Colton	New York	South Edwards	New York
South Glens Falls	New York	Spier Falls	New York
Stark	New York	Stewarts Bridge	New York
Stuyvesant Falls	New York	Sugar Island	New York
Taylorville	New York	Trenton Falls	New York
Varick	New York	Waterport	New York

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Yaleville	New York		
<b>Niles City of</b>			
Niles	Michigan		
<b>Nodak Rural Electric Coop Inc</b>			
Mobile	North Dakota		
<b>Nome Joint Utility Systems</b>			
Snake River	Alaska		
<b>North American Hydro Inc</b>			
Wautoma	Wisconsin		
<b>North Branch Water&amp;Light Comm</b>			
North Branch	Minnesota		
<b>North Central Power Co Inc</b>			
Arpin Dam	Wisconsin	East Fork	Wisconsin
Grimh	Wisconsin		
<b>North Little Rock City of</b>			
Murray	Arkansas		
<b>Northeast Missouri El Pwr Coop</b>			
South River Station	Missouri		
<b>Northeast Nuclear Energy Co</b>			
Millstone	Connecticut		
<b>Northern Indiana Pub Serv Co</b>			
Bailly	Indiana		
Michigan City	Indiana	Dean H Mitchell	Indiana
Oakdale	Indiana	Norway	Indiana
<b>Northern States Power Co</b>		R M Schahfer	Indiana
Allen S King	Minnesota		
Bay Front	Wisconsin	Apple River	Wisconsin
Black Dog	Minnesota	Big Falls	Wisconsin
Cedar Falls	Wisconsin	Blue Lake	Minnesota
Cornell	Wisconsin	Chippewa Falls	Wisconsin
Flambeau	Wisconsin	Dolls	Wisconsin
Granite City	Minnesota	French Island	Wisconsin
Hennepin Island	Minnesota	Hayward	Wisconsin
Holcombe	Wisconsin	High Bridge	Minnesota
Inver Hills	Minnesota	Holland Wind	Minnesota
Key City	Minnesota	Jim Falls	Wisconsin
Monomonie	Wisconsin	Ladyarnith	Wisconsin
Monticello	Minnesota	Minnesota Valley	Minnesota
Prairie Island	Minnesota	Pathfinder	Minnesota
Riverdale	Wisconsin	Red Wing	South Dakota
Saxon Falls	Wisconsin	Riverville	Minnesota
St Croix Falls	Wisconsin	Sherburne County	Minnesota
Thornapple	Wisconsin	Superior Falls	Michigan
West Faribault	Minnesota	Trago	Wisconsin
White River	Wisconsin	Wheaton	Wisconsin
Wissota	Wisconsin	Wilmarth	Minnesota
<b>Northway Power &amp; Light Inc</b>			
Northway	Alaska		
<b>Northwestern Public Service Co</b>			
Aberdeen	South Dakota	Armour	South Dakota
Chamberlain	South Dakota	Clark	South Dakota
Faulkton	South Dakota	Highmore	South Dakota
Huron	South Dakota	Mobile	South Dakota
Redfield	South Dakota	Webster	South Dakota
Yankton New	South Dakota	Yankton Old	South Dakota
<b>Northwestern Wisconsin Elec Co</b>			
Black Brook Dam	Wisconsin		
Clam River Dam	Wisconsin	Clam Falls Dam	Wisconsin
Frederic Diesel	Wisconsin	Danbury Dam	Wisconsin
<b>Northwood City of</b>		Grantsburg Diesel	Wisconsin
Northwood	North Dakota		
<b>Norton City of</b>			
Norton	Kansas		
<b>Norway City of</b>			
Norway	Michigan		
<b>Norwich City of</b>			
North Main Street	Connecticut		
Second Street	Connecticut	Occum	Connecticut
<b>Nushagak Electric Coop Inc</b>		Tenth Street	Connecticut
Dillingham	Alaska		
<b>Oakdale &amp; South San Joaquin</b>			
Boardsley	California		
Sand Bar	California	Donnels	California
<b>Oakley City of</b>		Tulloch	California
Oakley	Kansas		
<b>Oberlin City of</b>			
Oberlin	Kansas		
<b>Oconto Electric Coop</b>		Oberlin	Ohio



**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Stiles	Wisconsin		
<b>Odessa City of</b> Odessa	Missouri		
<b>Ogden City of</b> Ogden	Iowa		
<b>Oglethorpe Power Corp</b> Tallassee Hydro Proj	Georgia		
<b>Ohio Edison Co</b> Edgewater	Ohio	Gorge	Ohio
Mad River	Ohio	Niles	Ohio
R E Burger	Ohio	Toronto	Ohio
W H Sammis	Ohio	West Lorain	Ohio
<b>Ohio Power Co</b> Gon J M Gavin	Ohio	Karnmer	West Virginia
Mitchell	West Virginia	Muskingum River	Ohio
Racine	Ohio		
<b>Ohio Valley Electric Corp</b> Kyger Creek	Ohio		
<b>Oklahoma Gas &amp; Electric Co</b> Arbuckle	Oklahoma	Enid	Oklahoma
Horseshoe Lake	Oklahoma	Muskogee	Oklahoma
Mustang	Oklahoma	Seminole	Oklahoma
Sooner	Oklahoma	Woodward	Oklahoma
<b>Omaha Public Power District</b> Fort Calhoun	Nebraska	Jones Street	Nebraska
Nebraska City	Nebraska	North Omaha	Nebraska
Sarpy	Nebraska		
<b>Onawa City of</b> Onawa Mun Lt & Power	Iowa		
<b>Opelousas City of</b> Opelousas	Louisiana		
<b>Orange &amp; Rockland Utils Inc</b> Bowline Point	New York	Grahamsville	New York
Hillburn	New York	Lovett	New York
Mongaup	New York	Rio	New York
Shoemaker	New York	Swinging Bridge 1	New York
Swinging Bridge 2	New York		
<b>Orange City City of</b> Orange City	Iowa		
<b>Orcas Power &amp; Light Co</b> Eastsound	Washington		
<b>Oregon Trail El Cons Coop Inc</b> Rock Creek	Oregon		
<b>Orlando Utilities Comm</b> Indian River	Florida	Stanton Energy	Florida
<b>Oroville-Wyandotte Irrig Dist</b> Forbestown	California	Kelly Ridge	California
Sly Creek	California	Woodleaf	California
<b>Orrville City of</b> Orrville	Ohio		
<b>Osage City of</b> Osage	Iowa		
<b>Osage City City of</b> Osage City	Kansas		
<b>Osawatomie City of</b> Osawatomie	Kansas		
<b>Osborne City of</b> Osborne	Kansas		
<b>Osceola City of</b> Osceola	Arkansas		
<b>Ottawa City of</b> Ottawa	Kansas		
<b>Otter Tail Power Co</b> Bemidji	Minnesota	Big Stone	South Dakota
Central (Wright)	Minnesota	Dayton Hollow	Minnesota
Hoot Lake	Minnesota	Jamestown	North Dakota
Lake Preston	South Dakota	Pisgah	Minnesota
Portable 148	North Dakota	Taplin Gorge	Minnesota
<b>Ottumwa City of</b> Ottumwa	Iowa		
<b>Owatonna City of</b> Owatonna	Minnesota		
<b>Owensboro City of</b> Elmer Smith	Kentucky		
<b>Owensville City of</b> Owensville	Missouri		
<b>Oxford Village of</b> Oxford	Nebraska		

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
<b>Pacific Gas &amp; Electric Co</b>			
A G Wishon	California	Alta	California
Angels	California	Balch 1	California
Balch 2	California	Balden	California
Bucks Creek	California	Bull Valley	California
Carbou 1	California	Carbou 2	California
Centerville	California	Chili Bar	California
Coal Canyon	California	Coloman	California
Contra Costa	California	Contra Costa Mobile	California
Cow Creek	California	Crano Valley	California
Crosta	California	Door Creek	California
DeSabra	California	Diablo Canyon	California
Downsville	California	Drum 1	California
Drum 2	California	Dutch Flat	California
El Dorado	California	Electra	California
Haas	California	Halsey	California
Hamilton Branch	California	Hat Creek 1	California
Hat Creek 2	California	Holms	California
Humboldt Bay	California	Hunters Point	California
Inskip	California	James B Black	California
Kerckhoff	California	kerckhoff 2	California
Kern	California	Korn Canyon	California
Kilarc	California	Kings River	California
Lime Saddle	California	Morced Falls	California
Morro Bay	California	Moss Landing	California
Murphys	California	Narrows	California
Newcastle	California	Oak Flat	California
Oakland	California	Phoenix	California
Pit 1	California	Pit 3	California
Pit 4	California	Pit 5	California
Pit 6	California	Pit 7	California
Pittsburg	California	Pog	California
Potrero	California	Potter Valley	California
PVUSA 1	California	Rock Creek	California
Salt Springs Unit 1	California	San Joaquin 1A	California
San Joaquin 2	California	San Joaquin 3	California
South	California	Spaulding 1	California
Spaulding 2	California	Spaulding 3	California
Spring Gap	California	Stanislaus	California
The Geysers	California	Tiger Creek	California
Toadtown	California	Tule	California
Volta 1	California	Volta 2	California
West Point	California	Wise	California
<b>PacifiCorp</b>			
American Fork	Utah	Ashton	Idaho
Beaver Upper	Utah	Bond	Oregon
Big Fork	Montana	Blundell	Utah
Carbon	Utah	Centralia	Washington
Clearwater 1	Oregon	Clearwater 2	Oregon
Cline Falls	Oregon	Condit	Washington
Gopco 1	California	Gopco 2	California
Cove	Idaho	Cutler	Utah
Dave Johnston	Wyoming	Eagle Point	Oregon
East Side	Oregon	Fall Creek	California
Fish Creek	Oregon	Fountain Green	Utah
Gadsby	Utah	Graco	Idaho
Granite	Utah	Gunlock	Utah
Hale	Utah	Hunter (Emery)	Utah
Huntington	Utah	Iron Gate	California
Jim Bridger	Wyoming	John C Boyle	Oregon
Last Chance	Idaho	Lomolo 1	Oregon
Lomolo 2	Oregon	Little Mountain	Utah
Morwin	Washington	Naches	Washington
Naches Drop	Washington	Naughton	Wyoming
Olmstead	Utah	Onida	Idaho
Pans	Idaho	Pioneer	Utah
Powerdale	Oregon	Prospect 1	Oregon
Prospect 2	Oregon	Prospect 3	Oregon
Prospect 4	Oregon	Sand Cove	Utah
Slide Creek	Oregon	Snake Creek	Utah
Soda	Idaho	Soda Springs	Oregon
St Anthony	Idaho	Stairs	Utah
Stayton	Oregon	Swift 1	Washington
Swift 2	Washington	Toketee Falls	Oregon
Voyo	Utah	Viva Naughton	Wyoming
Wallowa Falls	Oregon	Weber	Utah
West Side	Oregon	Wyodak	Wyoming
Yale	Washington		

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
<b>Palmsville City of</b> Palmsville	Ohio		
<b>Palmyra City of</b> Palmyra Municipal	Missouri		
<b>Paragould City of</b> Paragould	Arkansas		
<b>Paris City of</b> Paris	Kentucky		
<b>Park River City of</b> Park River	North Dakota		
<b>Parowan City Corp</b> Paragonan	Utah	Parowan	Utah
<b>Pasadena City of</b> Azusa Glenn	California California	Broadway	California
<b>Pattonsburg City of</b> Pattonsburg	Missouri		
<b>Paullina City of</b> Paullina	Iowa		
<b>Pawhuska City of</b> Pawhuska	Oklahoma		
<b>Peabody City of</b> Warren Street	Massachusetts	Waters River	Massachusetts
<b>Pelican Utility Co</b> Pelican	Alaska		
<b>Pella City of</b> Pella	Iowa		
<b>Pender City of</b> Pender	Nebraska		
<b>Pennsylvania Electric Co</b> Benton	Pennsylvania	Blossburg	Pennsylvania
Conemaugh	Pennsylvania	Deep Creek	Maryland
Front Street	Pennsylvania	Homer City	Pennsylvania
Keystone	Pennsylvania	Piney	Pennsylvania
Seneca	Pennsylvania	Seward	Pennsylvania
Shawville	Pennsylvania	Warren	Pennsylvania
Wayne	Pennsylvania	Williamsburg	Pennsylvania
<b>Pennsylvania Power &amp; Light Co</b> Allentown	Pennsylvania	Brunner Island	Pennsylvania
Fishbach	Pennsylvania	Harrisburg	Pennsylvania
Harwood	Pennsylvania	Holtwood	Pennsylvania
Jerkins	Pennsylvania	Lock Haven	Pennsylvania
Martins Creek	Pennsylvania	Montour	Pennsylvania
Sunbury	Pennsylvania	Susquehanna	Pennsylvania
Wallenpaupack	Pennsylvania	West Shore	Pennsylvania
Williamsport	Pennsylvania		
<b>Pennsylvania Power Co</b> Bruce Mansfield	Pennsylvania	Now Castle	Pennsylvania
<b>Peru City of</b> Peru	Indiana	Peru	Illinois
<b>Petersburg City of</b> Petersburg	Alaska		
<b>Philadelphia Electric Co</b> Chester	Pennsylvania	Conowingo	Maryland
Cromby	Pennsylvania	Croydon	Pennsylvania
Delaware	Pennsylvania	Eddystone	Pennsylvania
Falls	Pennsylvania	Limerick	Pennsylvania
Moser	Pennsylvania	Muddy Run	Pennsylvania
Peach Bottom	Pennsylvania	Richmond	Pennsylvania
Schuylkill	Pennsylvania	Southwark	Pennsylvania
<b>Piggott City of</b> Municipal Light	Arkansas		
<b>Piqua City of</b> Piqua	Ohio		
<b>Placer County Water Agency</b> French Meadows	California	Hall Hole	California
Middle Fork	California	Oxbow	California
Ralston	California		
<b>Plains Elec Gen&amp;Trans Coop Inc</b> Algodones	New Mexico	Escalante	New Mexico
<b>Plainview City of</b> Plainview Mun Power	Nebraska		
<b>Plaquemine City of</b> Plaquemine	Louisiana		
<b>Platte River Power Authority</b> Rawhide	Colorado		
<b>Ponca City City of</b> Ponca	Oklahoma	Ponca Diesel	Oklahoma

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
<b>Portland City of</b> Frank Jenkins	Michigan	Portland	Michigan
<b>Portland General Electric Co</b> Beaver	Oregon	Bothel	Oregon
Boardman	Oregon	Bull Run	Oregon
Faraday	Oregon	North Fork	Oregon
Oak Grove	Oregon	Polton	Oregon
Polton Re-Regulation	Oregon	PHP 1	Oregon
PHP 2	Oregon	River Mill	Oregon
Round Butte	Oregon	Summit	Oregon
T W Sullivan	Oregon	Trojan	Oregon
<b>Potomac Edison Co</b> Dam 4	West Virginia	Dam 5	West Virginia
Harpors Ferry	West Virginia	Luray	Virginia
Milville	West Virginia	Nowport	Virginia
H P Smith	Maryland	Shenandoah	Virginia
Warren	Virginia		
<b>Potomac Electric Power Co</b> Benning	District of Columbia	Buzzard Point	District of Columbia
Chalk Point	Maryland	Dickotson	Maryland
Morgantown	Maryland	Potomac River	Virginia
<b>Power Authority of State of NY</b> Ashokan	New York	Blenheim-Gilboa	New York
Charles Poloth	New York	Groscout	New York
Indian Point 3	New York	James A FitzPatrick	New York
Jarvis (Hinckley)	New York	Kensico	New York
Lewiston	New York	Moses Niagara	New York
Moses Power Dam	New York	Vischer Ferry	New York
<b>Pratt City of</b> Pratt	Kansas		
<b>Preston Public Utilities Comm</b> Preston	Minnesota		
<b>Pringhar City of</b> Pringhar	Iowa		
<b>Princeton City of</b> Princeton	Illinois		
<b>Princeton Public Utills Comm</b> Princeton	Minnesota		
<b>Providence City of</b> Providence	Rhode Island		
<b>Provo City Corp</b> Provo	Utah		
<b>Public Serv Comm of Yazoo City</b> Yazoo	Mississippi		
<b>Public Service Co of Colorado</b> Alamosa	Colorado	Arapahoe	Colorado
Boulder	Colorado	Cabin Creek	Colorado
Cameo	Colorado	Cherokee	Colorado
Comanche	Colorado	Fort Lupton	Colorado
Fruita	Colorado	Georgetown	Colorado
Palsade	Colorado	Pawnee	Colorado
Salida 1	Colorado	Salida 2	Colorado
Shoshone	Colorado	Valmont	Colorado
Zuni	Colorado		
<b>Public Service Co of IN inc</b> Cayuga	Indiana	Connersville	Indiana
Edwardsport	Indiana	Gibson	Indiana
Markland	Indiana	Miami Wabash	Indiana
Noblesville	Indiana	R Gallagher	Indiana
Wabash River	Indiana		
<b>Public Service Co of NH</b> Amoskeag	New Hampshire	Ayers Island	New Hampshire
Canaan	Vermont	Eastman Falls	New Hampshire
Garvins Falls	New Hampshire	Gorham	New Hampshire
Hooksett	New Hampshire	Jackman	New Hampshire
Lost Nation	New Hampshire	Merrimack	New Hampshire
Newington	New Hampshire	Schiller	New Hampshire
Smith	New Hampshire	Swans Falls	Maine
White Lake	New Hampshire		
<b>Public Service Co of NM</b> Las Vegas	New Mexico	Person	New Mexico
Reeves	New Mexico	San Juan	New Mexico
<b>Public Service Co of Oklahoma</b> Comanche	Oklahoma	Northeastern	Oklahoma
Fiverside	Oklahoma	Southwestern	Oklahoma
Tulsa	Oklahoma	Wolootka	Oklahoma
<b>Public Service Electric &amp; Gas Co</b> Bayonne	New Jersey	Bergen	New Jersey

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Burlington	New Jersey	Edison	New Jersey
Essex	New Jersey	Hope Creek	New Jersey
Hudson	New Jersey	Kearny	New Jersey
London	New Jersey	Murcor	New Jersey
National Park	New Jersey	Salom	New Jersey
Sewaren	New Jersey		
<b>Puget Sound Power &amp; Light Co</b>			
Crystal Mountain	Washington	Electron	Washington
Fredrickson	Washington	Fredonia	Washington
Lower Baker	Washington	Nooksack	Washington
Shuffleton	Washington	Snoqualmie	Washington
South Whidbey	Washington	Upper Baker	Washington
White River	Washington	Whitohorn	Washington
<b>PUD No 1 of Chelan County</b>			
Chelan	Washington	Rock Island	Washington
Rocky Hoach	Washington		
<b>PUD No 1 of Douglas County</b>			
Wells	Washington		
<b>PUD No 1 of Pend Oreille Cnty</b>			
Box Canyon	Washington	Gallspol Creek	Washington
<b>PUD No 2 of Grant County</b>			
Priest Rapids	Washington	Quincy Chute	Washington
Wanapum	Washington		
<b>R V Light &amp; Power Co</b>			
White River	South Dakota		
<b>Radford City of</b>			
Radford	Virginia		
<b>Rantoul Village of</b>			
Rantoul	Illinois		
<b>Raton Public Service Co</b>			
Raton	New Mexico		
<b>Rayne City of</b>			
Rayne	Louisiana		
<b>Red Bud City of</b>			
Red Bud	Illinois		
<b>Red Cloud City of</b>			
Red Cloud	Nebraska		
<b>Redding City of</b>			
Whiskeytown	California		
<b>Redlands Water &amp; Power Co</b>			
Redlands	Colorado		
<b>Redwood Falls Public Util Comm</b>			
Redwood Falls	Minnesota		
<b>Rensseny City of</b>			
Rensseny	Iowa		
<b>Rensselaer City of</b>			
Rensselaer	Indiana		
<b>Renwick City of</b>			
Renwick	Iowa		
<b>Rich Hill City of</b>			
Rich Hill	Missouri		
<b>Richmond City of</b>			
Whitewater Valley	Indiana		
<b>River Falls City of</b>			
Junction	Wisconsin	Powell Falls	Wisconsin
<b>Robstown City of</b>			
Robstown	Texas		
<b>Rochelle Municipal Utilities</b>			
North Ninth Street	Illinois	South Main Street	Illinois
<b>Rochester Gas &amp; Electric Corp</b>			
Ginna	New York	Mills Mills 172	New York
MI Morris 160	New York	Rochester 2	New York
Rochester 26	New York	Rochester 3	New York
Rochester 5	New York	Rochester 7	New York
Rochester 9	New York	Wisoy 170	New York
<b>Rochester Public Utilities</b>			
Cascade Creek	Minnesota	Rochester Hydro	Minnesota
Silver Lake	Minnesota		
<b>Rock Rapids City of</b>			
Rock Rapids	Iowa		
<b>Rockford City of</b>			
Rockford	Iowa		
<b>Rockport City of</b>			
Rockport	Missouri		
<b>Rockville Centre Village of</b>			
Rockville	New York		
<b>Roseau City of</b>			
Roseau	Minnesota		

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Russell City of Russell	Kansas		
Ruston City of Ruston	Louisiana		
Sabetha City of Sabetha	Kansas		
Sacramento Municipal Util Dist Camino	California	Camp Far West	California
Coldwater Creek	California	Jaybird	California
Jones Fork	California	Loon Lake	California
McClellan	California	Rancho Soco	California
Robbs Peak	California	Slab Creek	California
Smudgo	California	Solar	California
Union Valley	California	White Rock	California
Safe Harbor Water Power Corp Safe Harbor	Pennsylvania		
Salt River Proj Ag I & P Dist Aqua Fria	Arizona	Coronado	Arizona
Crosscut	Arizona	Horse Mesa	Arizona
Kyrone	Arizona	Mormon Flat	Arizona
Navajo	Arizona	Roosevelt	Arizona
Santan	Arizona	South Consolidated	Arizona
Stewart Mountain	Arizona		
San Antonio City of J J Doely	Texas	Loon Creek	Texas
Mission Road	Texas	O W Sommers	Texas
V H Brauning	Texas	W B Tuttle	Texas
San Diego Gas & Electric Co Division	California	El Cajon	California
Encana	California	Hober	California
Kearny	California	Miramar	California
Naval Station	California	Naval Training Ctr	California
North Island	California	Silver Gate	California
South Bay	California	Station B	California
San Francisco City & County of Dion R Holm	California	Moccasin	California
Moccasin Low Head	California	Robert C Kirkwood	California
San Miguel Electric Coop Inc San Miguel	Texas		
Sanborn City of Sanborn	Iowa		
Santa Clara City of Black Butte	California	Cogeneration Plant	California
Gianora	California	Highline	California
Stony Gorge	California		
Sargent City of Sargent	Nebraska		
Savannah Electric & Power Co Boulevard	Georgia	McIntosh	Georgia
Port Wentworth	Georgia	Riverside	Georgia
Seaford City of Seaford	Delaware		
Seattle City of Boundary	Washington	Gordar Falls	Washington
Diablo	Washington	Gorge	Washington
Newhalem	Washington	Ross Dam	Washington
Sebewaling City of Main Street	Michigan	Pine Street	Michigan
Sebring Utilities Comm Sebring Dinner	Florida	Sebring Park Street	Florida
Sebring Phillips	Florida		
Seguin City of Seguin	Texas		
Seminole Electric Coop Inc Seminole	Florida		
Seneca Hydroelectric Co Inc Seneca	New York		
Seward City of Seward	Alaska		
Sharon Springs City of Sharon Spring	Kansas		
Shelby City of Shelby Munic Lgt P <sup>th</sup>	Ohio		
Sho-Me Power Corp Manqua	Missouri		
Shrewsbury Town of Shrewsbury	Massachusetts		
Sibley City of			

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Sibley No. One	Iowa	Sibley No. Two	Iowa
Sidney City of	Nebraska		
Sidney			
Sierra Pacific Power Co	Nevada	Drumwick	Nevada
Battle Mountain	Nevada	Fallon	Nevada
Elko	California	Fleish	Nevada
Farad	Nevada	Gabbs	Nevada
Fort Churchill	California	Lahontan	Nevada
Kings Beach	Nevada	Portola	California
North Valmy	Nevada	Tracy	Nevada
Hono Valley Road	Nevada	Washoe	Nevada
Verdi	Nevada	26 Foot Drop	Nevada
Winnemucca			
Sikeston City of	Missouri	Sikeston	Missouri
E. P. Coleman			
Sioux Center City of	Iowa		
Sioux Center			
Sioux Falls City of	South Dakota		
Sioux Falls			
Sitka City of & Borough of	Alaska	Green Lake	Alaska
Blue Lake	Alaska	Indian River	Alaska
Halibut Point			
Skaneateles Village of	New York		
Skaneateles			
Sleepy Eye Public Utility Comm	Minnesota		
Sleepy Eye			
Soda Springs City of	Idaho	Soda Springs No 2	Idaho
Soda Springs No 1			
South Beloit Water Gas & Elec Co	Illinois		
Rock 'n'			
South Carolina Electric & Gas Co	South Carolina	Canadys Steam	South Carolina
Burton	South Carolina	Columbia	South Carolina
Cotuit	South Carolina	Fairfield PS	South Carolina
Fabor Place	South Carolina	Hardocville	South Carolina
Hagood	South Carolina	Noal Shoals	South Carolina
McMookin	South Carolina	Parr Steam	South Carolina
Parr	South Carolina	Stevens Creek	Georgia
Saluda	South Carolina	Urquhart	South Carolina
Summer	South Carolina		
Waterloo	South Carolina		
South Carolina Genertg Co Inc	South Carolina		
Williams			
South Carolina Pub Serv Auth	South Carolina	Dolphus M Crainger	South Carolina
Cross	South Carolina	Joffries	South Carolina
Hilton Head	South Carolina	Spillway	South Carolina
Myrtle Beach	South Carolina	Winyah	South Carolina
St Stephens	South Carolina		
South Mississippi El Pwr Assn	Mississippi	Moselle	Mississippi
Bonndale	Mississippi	R D Morrow	Mississippi
Paulding			
South Norwalk City of	Connecticut		
South Norwalk			
South Texas Electric Coop Inc	Texas		
Sam Hayburn			
Southern California Edison Co	California	Big Creek 1	California
Alamitos	California	Big Creek 2A	California
Big Creek 2	California	Big Creek 4	California
Big Creek 3	California	Bishop Creek 2	California
Big Creek 8	California	Bishop Creek 4	California
Bishop Creek 3	California	Bishop Creek 6	California
Bishop Creek 5	California	Catalina Micro Hydro	California
Borot	California	DAF 50 Wind Turbine	California
Cool Water	California	El Segundo	California
Eastwood	California	Etiwanda	California
Elwood	California	Highgrove	California
Fontana	California	Kaweah 1	California
Huntington Beach	California	Kaweah 3	California
Kaweah 2	California	Korn Flvwr 3	California
Korn River 1	California	Lundy	California
Long Beach	California	Mammoth Pool	California
Lytile Creek	California	Mill Creek 1	California
Mandalay	California	Mill Creek 3	California
Mill Creek 2	California	Ontario 1	California
Mohave	Nevada	Ormond Beach	California
Ontario 2	California	Poole	California
Pebbly Beach	California	Redondo Beach	California
Portal	California	San Bernardino	California
Rush Creek	California		

Table D3. List of Plants by Utility, 1989 (Continued)

Utility / Plant Name	State	Plant Name	State
San Geronimo 1	California	San Geronimo 2	California
San Onofre	California	Santa Ana 1	California
Santa Ana 2	California	Santa Ana 3	California
Sierra	California	Tule	California
<b>Southern Illinois Power Coop</b>			
Maton	Illinois		
<b>Southern Indiana Gas &amp; Elec Co</b>			
A B Brown	Indiana	Broadway	Indiana
F B Colby	Indiana	Northeast	Indiana
Warick	Indiana		
<b>Southwest Public Power Dist</b>			
Palisade	Nebraska		
<b>Southwestern Electric Power Co</b>			
Arsonal Hill	Louisiana	Flint Creek	Arkansas
Knox Lee	Texas	Grobman	Louisiana
Lone Star	Texas	Irkey	Texas
Welsh	Texas	Wilcox	Texas
<b>Southwestern Public Service Co</b>			
Carlsbad	New Mexico	Colanoso	Texas
Cunningham	New Mexico	Harrington Station	Texas
James Station	Texas	Maddox	New Mexico
Nichols Station	Texas	Plant X	Texas
Tell Station	Texas	Lucasburg	New Mexico
<b>Soyland Power Coop Inc</b>			
Pearl Station	Illinois		
Winchester	Illinois	Pittsfield	Illinois
<b>Spalding Village of</b>			
Spalding	Nebraska		
<b>Spartanburg City of</b>			
H B Simons	South Carolina		
<b>Spencer City of</b>			
Spencer	Iowa		
<b>Spring Valley Pub Utils Comm</b>			
Spring Valley	Minnesota		
<b>Springfield City of</b>			
Dallman	Illinois	Factory	Illinois
James River	Missouri	Lakonido	Illinois
Main Street	Missouri	Reynolds	Illinois
Southwest	Missouri	Springfield	Illinois
<b>Springfield Public Utils Comm</b>			
Springfield	Minnesota		Colorado
<b>Springville City of</b>			
Bartholomew	Utah		
Spring Creek	Utah	Hobble Creek	Utah
<b>Springville Village of</b>			
Springville	New York	Wholehead	Utah
<b>St Cloud City of</b>			
St Cloud	Florida		
<b>St Francis City of</b>			
St Francis	Kansas		
<b>St George City of</b>			
Gardock Hydro	Utah	No. Two Diesel	Utah
St George	Utah		
<b>St John City of</b>			
St John	Kansas		
<b>St Joseph Light &amp; Power Co</b>			
Lake Road	Missouri		
<b>St Louis City of</b>			
St Louis	Michigan		
<b>St Marys City of</b>			
St Marys	Ohio		
<b>Stafford City of</b>			
Stafford	Kansas		
<b>Stanberry City of</b>			
Stanberry	Missouri		
<b>Starke City of</b>			
Starke	Florida		
<b>State Center City of</b>			
State Center	Iowa		
<b>Sterling City of</b>			
Sterling	Kansas		
<b>Stillwater Utilities Authority</b>			
Boomer Lake	Oklahoma		
<b>Stockton City of</b>			
Stockton	Kansas		
<b>Story City City of</b>			
Story City	Iowa		
<b>Strawberry Point City of</b>			



**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Strawberry Point	Iowa		
Strawberry Water Users Assn	Utah	Spanish Fork	Utah
Payson			
Stuart City of	Nebraska	Stuart	Iowa
Stuart			
Sturgis City of	Michigan	Hydro Plant	Michigan
Diesel Plant			
Sullivan City of	Illinois		
Sullivan			
Summer City of	Iowa		
Summer			
Sunflower Electric Power Corp	Kansas	Holcomb	Kansas
Garden City			
Superior Water Light & Power Co	Wisconsin		
Winslow			
Swans Island Electric Coop Inc	Maine		
Minturn			
Swanton Village of	Vermont		
Highgate Falls			
System Energy Resources Inc	Mississippi		
Grand Gulf			
Tacoma City of	Washington	Cushman 1	Washington
Alder	Washington	La Grande	Washington
Cushman 2	Washington	Mossyrock	Washington
Mayfield			
Tallahassee City of	Florida	Jackson Bluff	Florida
Arvah B Hopkins	Florida		
S O Pardon			
Tampa Electric Co	Florida	F J Gannon	Florida
Big Bend	Florida		
Hookers Point			
Tapoco Inc	Tennessee	Chooah	North Carolina
Calderswood	Tennessee	Santofallah	North Carolina
Chilhowee			
Taunton City of	Massachusetts		
Cloury Flood			
Tecumseh City of	Nebraska		
Tecumseh			
Tennessee Valley Authority	Tennessee	Apalachia	North Carolina
Allon	Tennessee	Boone	Tennessee
Blue Ridge	Georgia	Bull Run	Tennessee
Brown's Ferry	Alabama	Cherokee	Tennessee
Chatuge	North Carolina	Colbert	Alabama
Chickamauga	Tennessee	Douglas	Tennessee
Cumberland	Tennessee	Fort Loudoun	Tennessee
Fontana	North Carolina	Gallatin	Tennessee
Fort Patrick Henry	Tennessee	Guntersville	Alabama
Great Falls	Tennessee	John Sevier	Tennessee
Hewassoo	North Carolina		
Johnsonville	Tennessee	Kentucky	Tennessee
Kingsport	Tennessee	Melton Hill	Tennessee
Nickajack	Tennessee	Norris	Tennessee
Nottely	North Carolina	Ocoee 1	Tennessee
Ocoee 2	Tennessee	Ocoee 3	Tennessee
Paradise	Tennessee	Pickwick	Tennessee
Raccoon Mountain	Tennessee	Sequoyah	Tennessee
Shawnee	Kentucky	South Holston	Tennessee
Tims Ford	Tennessee	Watauga	Tennessee
Watts Bar	Tennessee	Watts Bar	Tennessee
Whoolet	Alabama	Widows Creek	Alabama
Wilbur	Tennessee	Wilson	Alabama
Terrebonne Parish Consol Gov't	Louisiana		
Houma			
Texas Municipal Power Agency	Texas		
Gibbons Creek			
Texas Utilities Generating Co	Texas	Collin	Texas
Big Brown	Texas	DoCardova	Texas
Dallas	Texas	Graham	Texas
Enigo Mountain	Texas	Lake Creek	Texas
Handley	Texas	Martin Lake	Texas
Lake Hubbard	Texas	Morgan Creek	Texas
Monte Ollo	Texas	North Lake	Texas
Mountain Creek	Texas	Parkdale	Texas
North Main	Texas	Fiver Cross	Texas
Porman Basin	Texas	Stryker Creek	Texas
Sandow	Texas	Trinidad	Texas
Tradinghouse	Texas		
Valley	Texas		

Table D3. List of Plants by Utility, 1989 (Continued)

Utility / Plant Name	State	Plant Name	State
Texas-New Mexico Power Co Lordsburg	New Mexico		
Thief River Falls City of Thief River Falls	Minnesota		
Thumb Electric Coop-Michigan Caro	Michigan	Udly	Michigan
Tideland Electric Member Corp Cerrocoke	North Carolina		
Tipton City of Tipton	Iowa		
Toledo Edison Co Acme	Ohio	Bay Shore	Ohio
Davis Bossco	Ohio	Highland	Ohio
Stryker	Ohio		
Traer City of Municipal Ut	Iowa		
Traverse City City of Bayside	Michigan	Boardman	Michigan
Brown Bridge	Michigan	Elk Rapids	Michigan
Sabin	Michigan		
Trenton City of Trenton	Nebraska	Trenton Diesel	Missouri
Trenton Peaking	Missouri		
Tri-State G & T Assn Inc Burlington	Colorado		
Trinidad City of Trinidad	Colorado		
Truman Public Utilities Comm Truman	Minnesota		
Tucson Electric Power Co De Moss Petrie	Arizona		
North Loop	Arizona	Irvington	Arizona
Tulla City of Tulla	Texas		
Turlock Irrigation District Don Pedro	California	Hickman	California
La Grango	California	Turlock Lake	California
Upper Dawson	California	Walnut	California
Two Harbors City of Two Harbors	Minnesota		
Tyndall City of Tyndall	South Dakota		
U S Bureau of Indian Affairs Coolidge	Arizona		
U S ERDA-Los Alamos Area Off LA 3	New Mexico		
Union City City of Riley	Michigan	Union City	Michigan
Union Electric Co Callaway	Missouri	Carlton	Missouri
Howard Bend	Missouri	Jefferson City	Missouri
Kookuk	Iowa	Kirkville	Missouri
Labadie	Missouri	Moramoc	Missouri
Mexico	Missouri	Moberly	Missouri
Morrison	Missouri	Osage	Missouri
Portable	Missouri	Rush Island	Missouri
Sioux	Missouri	Taunt Sauk	Missouri
Vernon	Illinois	Viaduct	Missouri
Unionville City of Unionville	Missouri		
United Illuminating Co Bridgeport Harbor	Connecticut	English	Connecticut
New Haven Harbor	Connecticut	Stool Point	Connecticut
United Power Assn Cambridge	Minnesota	Elk River	Minnesota
Maple Lake	Minnesota	Hock Lake	Minnesota
Stanton	North Dakota		
Upper Peninsula Power Co AuTrain	Michigan	Cataract	Michigan
Escanaba	Michigan	Gladstone	Michigan
Hoist	Michigan	John H Warden	Michigan
McClure	Michigan	Portage	Michigan
Prickall	Michigan	Victoria	Michigan
UtiliCorp United Inc Greenwood Energy Ctr	Missouri	Kansas City Intl	Missouri
Nevada	Missouri	Ralph Green	Missouri
Subloy	Missouri		
UGI Corp			

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Hunlock Power	Pennsylvania		
<b>USBIA-Flathead Power Division</b>	Montana		
Holloaring Hydro			Washington
<b>USBIA-Wapato Irrigation Proj</b>	Washington	Drop No. 3	
Drop No. 2			
<b>USCE-Detroit District</b>	Michigan		
Saint Marys Falls			Texas
<b>USCE-Fort Worth District</b>	Texas	Sam Rayburn	
Robert E. Willis	Texas		
Whitney			Missouri
<b>USCE-Kansas City District</b>	Missouri	Stockton	
Harry Truman	Kansas		
Wilson			Arkansas
<b>USCE-Little Rock District</b>	Arkansas	Bull Shoals	Arkansas
Beaver	Arkansas	Greers Ferry Lake	Arkansas
Dardanelle	Arkansas	Ozark	Arkansas
Norfolk	Missouri		
Table Rock			Montana
<b>USCE-Missouri River District</b>	South Dakota	Fort Peck	North Dakota
Big Bend	South Dakota	Garrison	South Dakota
Fort Randall	South Dakota	Oahe	
Gavins Point			Georgia
<b>USCE-Mobile District</b>	Georgia	Bulford	Florida
Allatoona	Georgia	J. Woodruff	Alabama
Carters	Alabama	Millers Ferry	Georgia
Jones Bluff	Georgia	West Point	
Walter F. George			Tennessee
<b>USCE-Nashville District</b>	Kentucky	Center Hill	Tennessee
Barkley	Tennessee	Cordell Hull	Tennessee
Cheatham	Tennessee	J.P. Priest	Tennessee
Dale Hollow	Kentucky	Old Hickory	Tennessee
Laurel	Kentucky		
Wolf Creek			Oregon
<b>USCE-Portland District</b>	Idaho	Big Cliff	Washington
Albeni Falls	Oregon	Chief Joseph	Oregon
Bonneville	Oregon	Dalles	Oregon
Cougar	Oregon	Dexter	Oregon
Detroit	Idaho	Foster	Oregon
Dworshak	Oregon	Hills Creek	Oregon
Green Peter	Washington	John Day	Washington
Ike Harbor	Montana	Little Goose	Washington
Libby	Oregon	Lost Creek	Oregon
Lookout Point	Washington	Lower Monumental	Washington
Lower Granite	Oregon		
McNary			South Carolina
<b>USCE-Savannah District</b>	Georgia	J. Strom Thurmond	
Hartwell Lake	Georgia		
Richard Russell			Texas
<b>USCE-St. Louis District</b>	Missouri	Denison	Oklahoma
Clarence Cannon		Fort Gibson	Oklahoma
<b>USCE-Tulsa District</b>	Oklahoma	Robert S. Kerr	Oklahoma
Broken Bow	Oklahoma	Webbers Falls	Oklahoma
Eufaula	Oklahoma		
Keystone	Oklahoma		Arkansas
Tenkiller Ferry	Oklahoma	Degray	
<b>USCE-Vickburg District</b>	Arkansas		
Blakely Mountain	Arkansas		Virginia
Narrows			
<b>USCE-Wilmington District</b>	Virginia	Philpott Lake	
John H. Kerr			
<b>Valley City City of</b>	North Dakota		
Valley City			
<b>Vandalia City of</b>	Missouri		
Vandalia			
<b>Vermillion City of</b>	South Dakota		
Vermillion			
<b>Vermont Electric Coop Inc</b>	Vermont		Vermont
North Hartland		Center Rutland	
<b>Vermont Marble Co</b>	Vermont		
Beldens	Vermont		
Proctor			
<b>Vermont Yankee Nucl Pwr Corp</b>	Vermont		
Vermont Yankee			
<b>Vero Beach City of</b>	Florida		
Vero Beach Municipal			
<b>Villisca City of</b>	Iowa		
Villisca			
<b>Vineland City of</b>			

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
Howard Down Vinton City of	New Jersey	Wost Station	New Jersey
Vinton Viola City of	Iowa		
Viola Virginia City of	Wisconsin		
Virginia Virginia Electric & Power Co	Minnesota		
Bath County	Virginia	Bremo Bluff	Virginia
Chesapeake	Virginia	Chesterfield	Virginia
Cushaw	Virginia	Gaston	North Carolina
Gravel Neck	Virginia	Kitty Hawk	North Carolina
Low Moor	Virginia	Mt Storm	West Virginia
North Anna	Virginia	Northern Neck	Virginia
Possum Point	Virginia	Roanoke Rapids	North Carolina
Surry	Virginia	Yorktown	Virginia
Wahoo City of			
Wahoo	Nebraska		
Wallingford Town of			
Pierce	Connecticut		
Wamego City of			
Wamego	Kansas		
Warren City of			
Warren	Minnesota		
Washington City of			
Washington	Kansas		
Washington Electric Coop Inc			
Wrightsville Hy Plant	Vermont		
Washington Island El Coop Inc			
Washington Island	Wisconsin		
Washington Pub Pwr Supply Sys			
Hanford Gen Project	Washington	Packwood	Washington
WNP	Washington		
Washington Water Power Co			
Cabinet Gorge	Idaho		
Little Falls	Washington	Kettle Falls	Washington
Mayers Falls	Washington	Long Lake	Washington
Nine Mile	Washington	Monroe Street	Washington
Noxon Rapids	Montana	Northeast	Washington
Upper Falls	Washington	Post Falls	Idaho
Waterloo City of			
Waterloo	Illinois		
Watertown City of			
City of Watertown	New York		
Wauchula City of			
Wauchula	Florida		
Waverly City of			
East Hydro	Iowa	East Plant	Iowa
North Plant	Iowa		
Wayne City of			
Wayne	Nebraska		
Weatherford Mun Utility System			
Weatherford	Texas		
Weber Basin Water Conserv Dist			
Gateway	Utah	Wanship	Utah
Webster City City of			
Webster City	Iowa		
Wellington City of			
Wellington	Kansas		
Wells City of			
Wells	Minnesota		
Welsh Town of			
Welsh	Louisiana		
West Bend City of			
West Bend	Iowa		
West Liberty City of			
West Liberty	Iowa		
West Penn Power Co			
Armstrong	Pennsylvania	Hatfield's Ferry	Pennsylvania
Lake Lynn	West Virginia	Mitchell	Pennsylvania
Springdale	Pennsylvania		
West Point City of			
West Point Municipal	Nebraska		
West Texas Utilities Co			
Abilene	Texas	Concho	Texas
Fort Phantom	Texas	Ft Stockton	Texas
Lake Pauline	Texas	Oak Creek	Texas
Oklauion	Texas	Paint Creek	Texas

Table D3. List of Plants by Utility, 1989 (Continued)

Utility / Plant Name	State	Plant Name	State
Presidio	Texas	Rio Pecos	Texas
San Angelo	Texas	Vernon	Texas
<b>Westbrook City of</b>	Minnesota		
Westbrook			
<b>Western Farmers Elec Coop Inc</b>			Oklahoma
Anadarko	Oklahoma	Cherokee	Oklahoma
Hugo	Oklahoma	Mooreland	
Woodward	Oklahoma		
<b>Western Massachusetts Elec Co</b>			Massachusetts
Cabot	Massachusetts	Cobble Mountain	Massachusetts
Doreen	Massachusetts	Dwight	Massachusetts
Gardners Falls	Massachusetts	Indian Orchard	Massachusetts
Northfield Mountain	Massachusetts	Putts Bridge	Massachusetts
Red Bridge	Massachusetts	Silver Lake	Massachusetts
Turners Falls	Massachusetts	West Springfield	Massachusetts
Woodland Road	Massachusetts		
<b>Whitesboro City of</b>	Texas		
Whitesboro			
<b>Whittemore City of</b>	Iowa		
Whittemore			
<b>Wilber City of</b>	Nebraska		
Wilber			
<b>Willmar Municipal Utils Comm</b>	Minnesota		
Willmar			
<b>Wilton City of</b>	Iowa		
Wilton			
<b>Windom City of</b>	Minnesota		
Windom			
<b>Winfield City of</b>	Kansas	West 14th St	Kansas
East 12th St			
<b>Winnetka Village of</b>	Illinois		
Winnetka			
<b>Winterset City of</b>	Iowa		
Winterset			
<b>Wisconsin Electric Power Co</b>			Michigan
Appleton	Wisconsin	Big Quinnesec 61	Michigan
Big Quinnesec 92	Michigan	Brule	Wisconsin
Chalk Hill	Michigan	Germantown	Michigan
Hornlock Falls	Michigan	Kingsford	Michigan
Lower Point	Michigan	Michigamme Falls	Michigan
Oconto Falls	Wisconsin	Heavy Falls	Wisconsin
Pine	Wisconsin	Pleasant Prairie	Wisconsin
Point Beach	Wisconsin	Fort Washington	Wisconsin
Presque Isle	Michigan	South Oak Creek	Wisconsin
Sturgeon	Michigan	Twin Falls	Michigan
Valley	Wisconsin	Way	Michigan
Weyauwega	Wisconsin	White Rapids	Michigan
<b>Wisconsin Power &amp; Light Co</b>			Wisconsin
Blackhawk	Wisconsin	Columbia	Wisconsin
Edgewater	Wisconsin	Janesville	Wisconsin
Kilbourn	Wisconsin	Nelson Dewey	Wisconsin
Portable	Wisconsin	Prairie Du Sac	Wisconsin
Rock River	Wisconsin	Shawano	Wisconsin
Sheepskin	Wisconsin		
<b>Wisconsin Public Service Corp</b>			Wisconsin
Alexander	Wisconsin	Caldron Falls	Michigan
Eagle River	Wisconsin	Grand Rapids	Wisconsin
Crandfather Falls	Wisconsin	Hat Rapids	Wisconsin
Higg Falls	Wisconsin	Jersey	Wisconsin
Johnston Falls	Wisconsin	Kewaunee	Wisconsin
Kewaunee Wind	Wisconsin	Merrill	Wisconsin
Otter Rapids	Wisconsin	Peshigo	Wisconsin
Potato Rapids	Wisconsin	Pulliam	Wisconsin
Sandstone Rapids	Wisconsin	Tomahawk	Wisconsin
Wausau	Wisconsin	West Marinette	Wisconsin
Weston	Wisconsin		
<b>Wisconsin River Power Co</b>	Wisconsin	Petenwell	Wisconsin
Castle Rock			
<b>Wisner City of</b>	Nebraska		
Wisner			
<b>Wolf Creek Nuclear Oper Corp</b>	Kansas		
Wolf Creek			
<b>Wolverine Power Corp</b>			Michigan
Edenville	Michigan	Sanford	Michigan
Secord	Michigan	Smallwood	
<b>Wolverine Pwr Supply Coop Inc</b>			Michigan
Advance	Michigan	Beaver Island	Michigan
C. A. Winder	Michigan	Claude Vandyke	Michigan

**Table D3. List of Plants by Utility, 1989 (Continued)**

Utility / Plant Name	State	Plant Name	State
George Johnson	Michigan	Kleber	
Scottville	Michigan	Tower	Michigan
Tower	Michigan	Vestaburg	Michigan
<b>Woodsfield City of</b>			
Anadarko	Ohio		
<b>Wrangell City of</b>			
Wrangell	Alaska		
<b>Wyandotte Municipal Serv Comm</b>			
Wyandotte	Michigan		
<b>Yadkin Inc</b>			
Falls	North Carolina		
Narrows	North Carolina	High Rock	North Carolina
<b>Yakutat Power Inc</b>		Tuckertown	North Carolina
Yakutat	Alaska		
<b>Yankee Atomic Electric Co</b>			
Yankee Rowe	Massachusetts		
<b>Yuba County Water Agency</b>			
Colgate	California		
New Narrows	California	Fish Power	California
<b>Yuma City of</b>			
Yuma	Colorado		
<b>Zeeland City of</b>			
Zeeland	Michigan		

Source: •Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

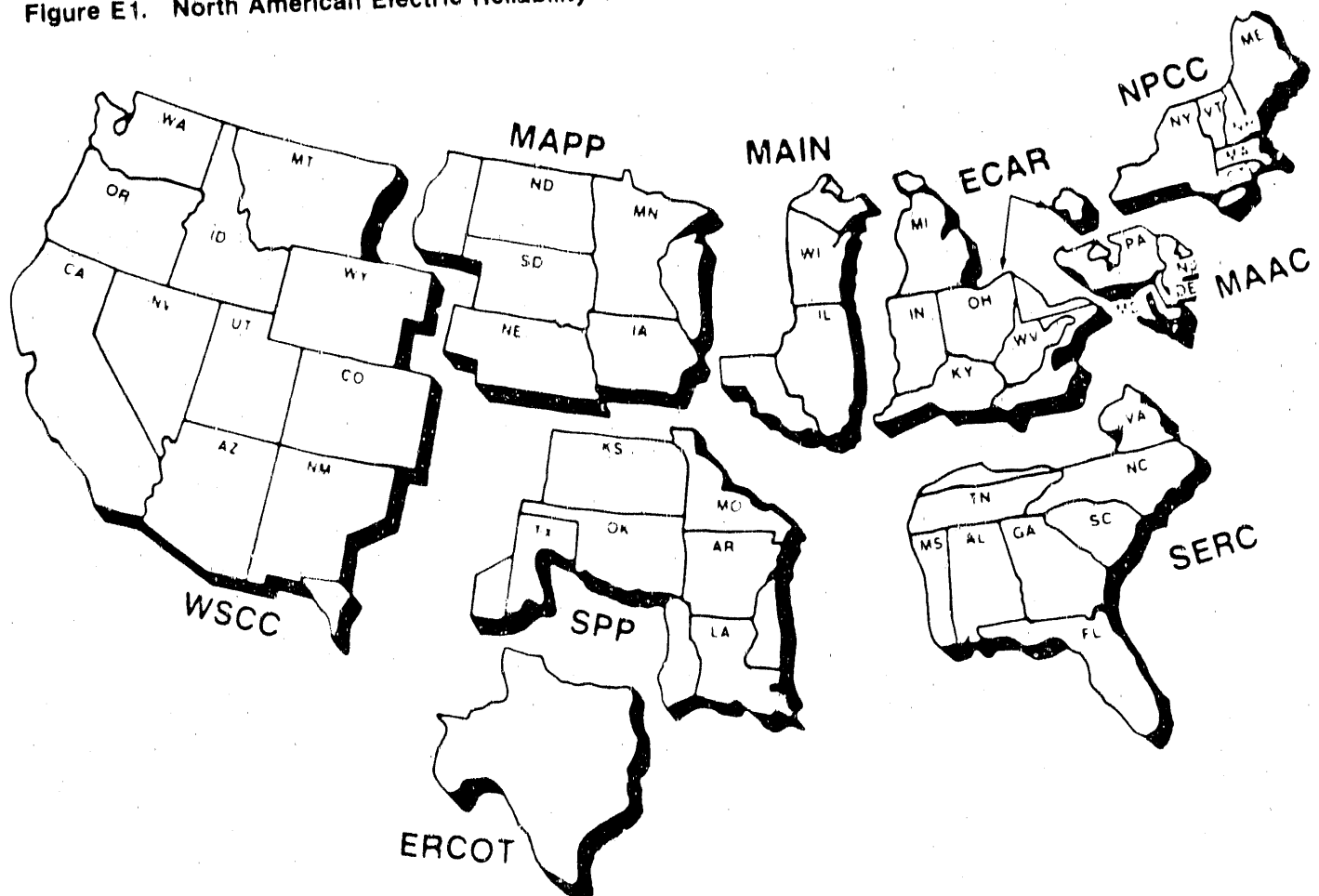
# Appendix E

## Maps

## Appendix E

### Maps

Figure E1. North American Electric Reliability Council Region Map for the Contiguous United States



#### Regional Electric Reliability Council Areas

- ECAR—East Central Area Reliability Coordination Agreement
- MAIN—Mid-American Interpool Network
- MAAC—Mid-Atlantic Area Council
- MAPP—Mid-Continent Area Power Pool
- NPCC—Northeast Power Coordinating Council
- SERC—Southeastern Electric Reliability Council
- SPP—Southwest Power Pool
- ERCOT—Electric Reliability Council of Texas
- WSCC—Western Systems Coordinating Council



Figure E2. U.S. Federal Region Map

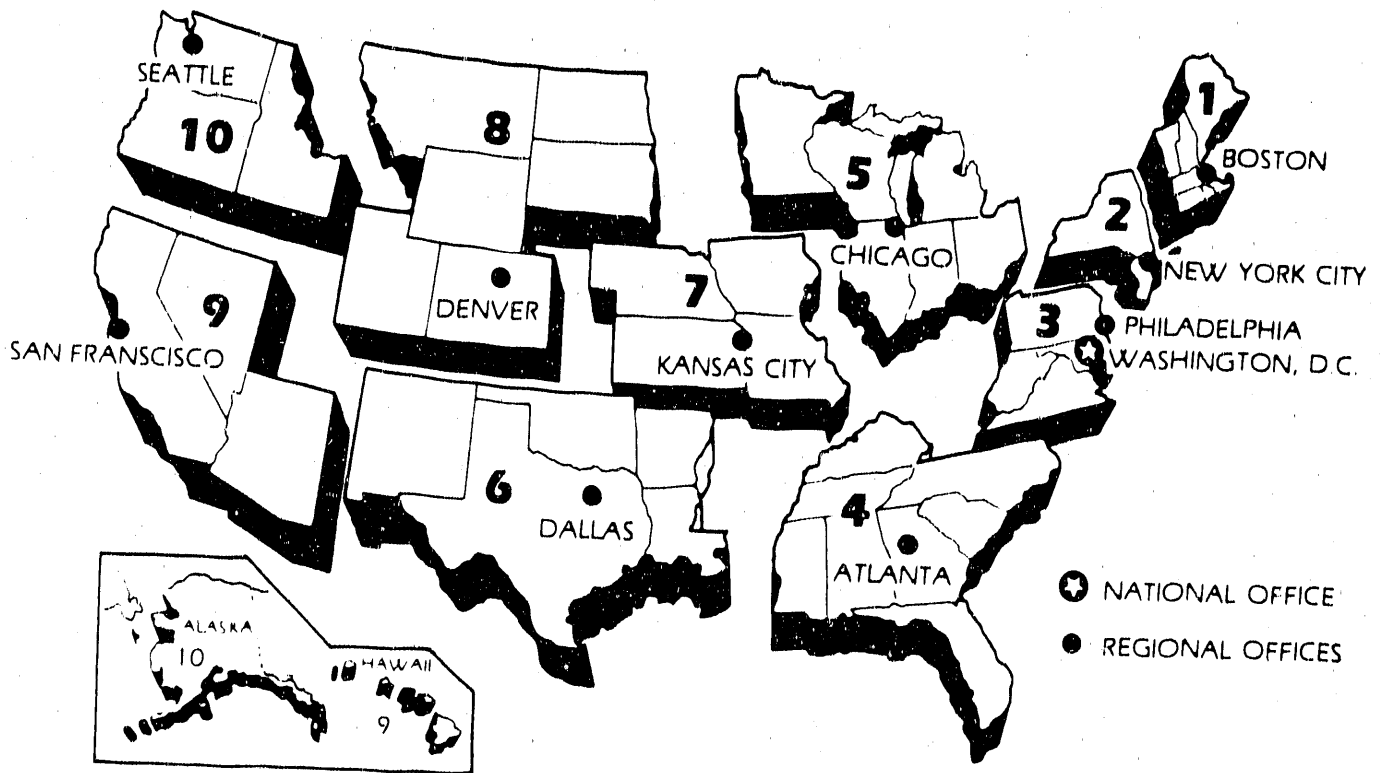
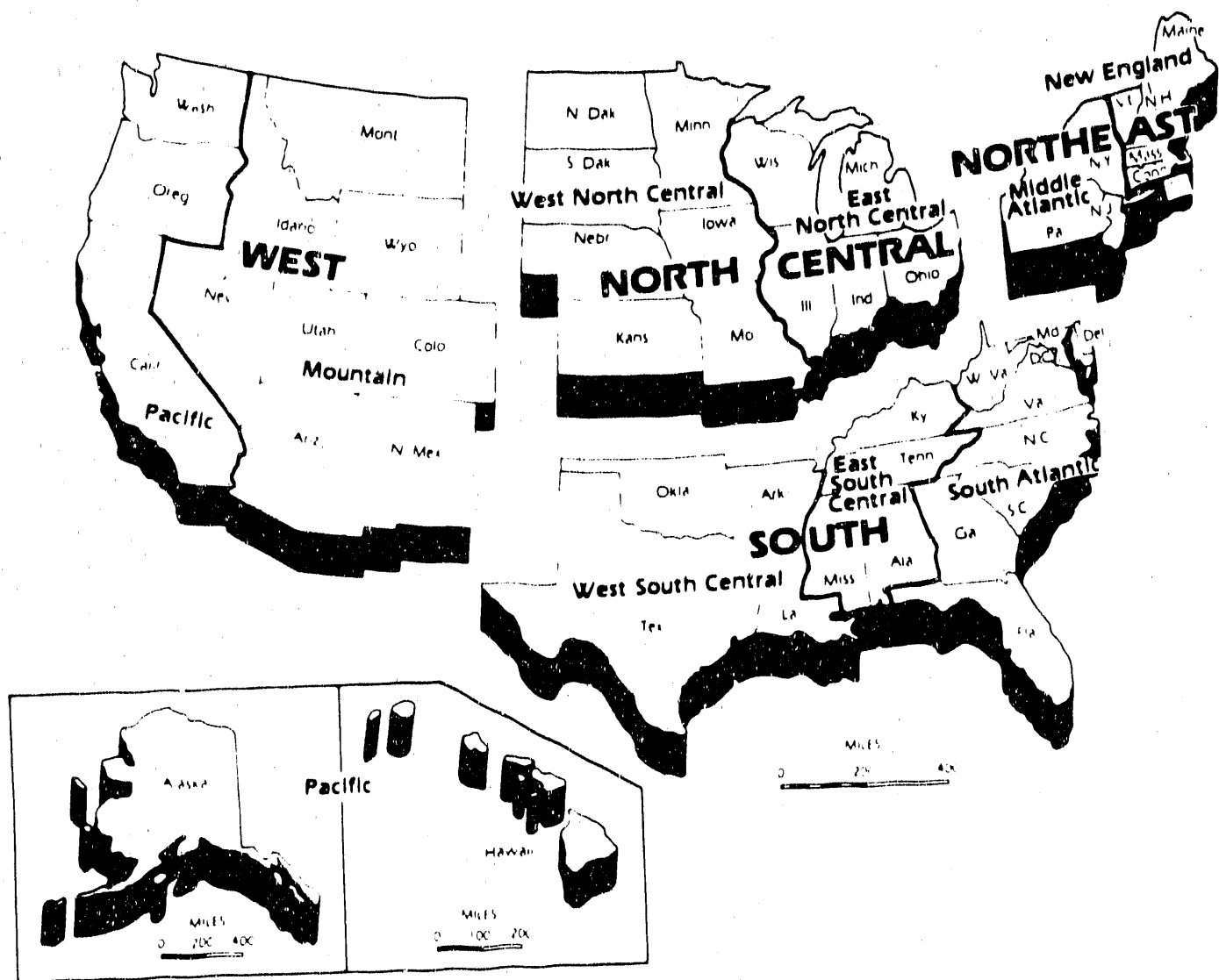


Figure E3. U.S. Census Region Map



## Glossary

**Ampere:** The unit of measurement of electrical current produced in a circuit by 1 volt acting through a resistance of 1 ohm. (See Current, Ohm, Volt.)

**Anthracite:** Anthracite, or hard coal, is the highest rank of economically useable coal. It is jet black with a high luster. The moisture content generally is less than 15 percent. Anthracite contains approximately 22 to 28 million Btu per ton as received and averages about 25 million Btu per ton. Its ignition temperature is approximately 925 to 970 degrees Fahrenheit. Virtually all of the anthracite mined is from northeastern Pennsylvania. It is used mostly for space heating and generating electricity.

**Barrel:** A volumetric unit of measure for crude oil and petroleum products equivalent to 42 U.S. gallons.

**Baseload:** The minimum amount of electric power delivered or required over a given period of time at a steady state. (See Baseload Plant.)

**Baseload Capacity:** The generating equipment normally operated to serve loads on a round-the-clock basis. (See Baseload, Baseload Plant.)

**Baseload Plant:** A plant, usually housing high-efficiency steam-electric units, which is normally operated to take all or part of the minimum load of a system, and which consequently produces electricity at an essentially constant rate and runs continuously. These units are operated to maximize system mechanical and thermal efficiency and minimize system operating costs. (See Baseload.)

**Biomass:** Organic materials used as a source of energy. (See Other Generation.)

**Bituminous Coal:** Bituminous coal, or soft coal, is the most common coal. It is dense, black, often with well-defined bands of bright and dull material. Its moisture

content usually is less than 20 percent. The heating value ranges from 19 to 30 million Btu per ton as received and averages about 24 million Btu per ton. The ignition temperature ranges from about 700 to almost 900 degrees Fahrenheit. Bituminous coal is mined chiefly in the Appalachian and Interior coal fields. It is used for generating electricity, making coke, and space heating.

**Blast Furnace:** A furnace in which solid fuel (coke) is burned with an air blast to smelt iron ore.

**Boiling-Water Reactor (BWR):** A light-water reactor in which water, used as both coolant and moderator, is allowed to boil in the core. The resulting steam can be used directly to drive a turbine.

**Btu (British Thermal Unit):** A standard unit for measuring the quantity of heat energy equal to the quantity of heat required to raise the temperature of 1 pound of water by 1 degree Fahrenheit.

**Capability:** The maximum load that a generating unit, generating station, or other electrical apparatus can carry under specified conditions for a given period of time without exceeding approved limits of temperature and stress.

**Capacity:** The amount of electric power delivered or required for which a generator, turbine, transformer, transmission circuit, station, or system is rated by the manufacturer. (See Generator Nameplate Capacity.)

**Capacity Factor:** The ratio of the average load on the plant(s) for the period of time considered to the aggregate capacity of all the generating equipment installed in the plant(s).

**Census Divisions:** The nine geographic divisions of the United States established by the Bureau of the Census, U.S. Department of Commerce for statistical

analysis. The boundaries of Census divisions coincide with State boundaries. In some cases, the Pacific Division is subdivided into the Pacific Contiguous and Pacific Noncontiguous areas.

**Coal:** A black or brownish-black solid combustible substance formed by the partial decomposition of vegetable matter without access to air. The rank of coal, which includes anthracite, bituminous coal, subbituminous coal, and lignite, is based on fixed carbon, volatile matter, and heating value. Coal rank indicates the progressive alteration from lignite to anthracite. Lignite contains approximately 9 to 17 million Btu per ton. The contents of subbituminous and bituminous coal range from 16 to 24 million Btu per ton and from 19 to 30 million Btu per ton, respectively. Anthracite contains approximately 22 to 28 million Btu per ton.

**Cogeneration:** The sequential or simultaneous process in which useful heat/steam is generated, used in a variety of process applications, and then directed into a turbine to generate electricity and/or mechanical work from the useful thermal energy still available for use. (See Generation, Energy.)

**Coke:** In general, a product made from bituminous coal and crude oil from which the volatile constituents have been driven off by heat, so that fixed carbon and ash are fused together. Coke, being largely carbon, is hard and porous, and is a desirable fuel in certain metallurgical industries.

**Combined Cycle:** A cogeneration technology in which additional electricity is produced sequentially from the otherwise lost waste heat exiting from one or more gas-fired turbines. The exiting heat flow is routed to a exhaust-fired conventional boiler or to a heat recovery steam generator for utilization by a steam turbine in the production of electricity. This process increases the efficiency of an electric generating system by turning the rejected heat into thermal steam rather than discharging it into the atmosphere. (See Cogeneration, Turbine.)

**Combined Hydroelectric Plant:** A hydroelectric plant that uses both pumped water and natural streamflow for the production of power.

**Combined Pumped-Storage Plant:** A pumped-storage hydroelectric power plant that uses both pumped water and natural streamflow to produce electricity.

**Commercial Operation:** A generating unit is said to be in commercial operation when control of the loading of the unit is turned over to the system dispatcher.

**Consumption (Fuel):** The amount of fuel used for gross generation, providing standby service and start-up and/or flame stabilization. (See Fuel.)

**Conventional Hydroelectric Plant:** A plant in which all of the power is produced from natural streamflow as regulated by available storage.

**Crude Oil (Including Lease Condensate):** A mixture of hydrocarbons that existed in liquid phase in underground reservoirs and that remains liquid at atmospheric pressure after passing through surface separating facilities. Included are lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and shale oil. Drip gases are also included, but topped crude oil (residual oil) and other unfinished oils are excluded. Liquids produced at natural gas processing plants and mixed with crude oil are likewise excluded where identifiable. (See Petroleum.)

**Current:** A flow of electrons in an electrical conductor. The strength or rate of movement of the electricity is measured in amperes. (See Ampere, Ohm, Volt.)

**Demand:** The rate at which electric energy is delivered to or by a system, part of a system, or piece of equipment, at a given instant or averaged over any designated period of time.

**Design Electrical Rating (Capacity), Net:** The nominal net electrical output of a nuclear unit, as specified by the utility for the purpose of plant design.

**Distillate Fuel Oil:** A general classification for one of the petroleum fractions produced in conventional distillation operations. It is used primarily for space heating, on-and-off-highway diesel engine fuel (including railroad engine fuel and fuel for agriculture machinery), and electric power generation. Included are products known as No. 1, No. 2, and No. 4 fuel oils; No. 1, No. 2, and No. 4 diesel fuels.

**Electric Plant:** A station containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or fission energy into electric energy.

**Electric Power Industry:** The public, private, and cooperative electric utility systems of the United States taken as a whole. This includes all electric systems serving the public: regulated investor-owned electric utility companies; Federal power projects; State, municipal, and other government-owned systems, including electric public utility districts; electric cooperatives, including Generation and Transmission entities ("G and T'S"); jointly owned electric utility facilities, and electric utility facilities owned by a lessor and leased to an electric utility. Excluded from this list are the special purpose electric facilities or systems that do not offer service to the public.

**Electric Power System:** An individual electric power entity--a company, an electric cooperative, a public electric supply corporation like the Tennessee Valley Authority, a similar Federal department or agency like the Bonneville Power Administration, the Bureau of Reclamation or the Corps of Engineers, a municipally owned, electric department offering service to the public, or an electric public utility district (a "PUD"); also a jointly owned electric supply project such as the Keystone.

**Electric Utility:** A corporation, person, agency, authority, or other legal entity or instrumentality that owns and/or operates facilities within the United States, its territories, or Puerto Rico for the generation, transmission, distribution, or sale of electric energy, primarily for use by the public. An entity that solely operates qualifying facilities under the Public Utility Regulatory Policies Act of 1978 is not considered an electric utility.

**Energy:** The capacity for doing work as measured by the capability of doing work (potential energy) or the conversion of this capability to motion (kinetic energy). Energy has several forms, some of which are easily convertible and can be changed to another form useful for work. Most of the world's convertible energy comes from fossil fuels that are burned to produce heat that is then used as a transfer medium to mechanical or other means in order to accomplish tasks. Electrical energy is usually measured in kilowatthours, while heat energy is usually measured in British thermal units. (See Energy Source.)

**Energy Source:** The primary source that provides the power that is converted to electricity through chemical, mechanical, or other means. Energy sources include coal, petroleum and petroleum products, gas, water, uranium, wind, sunlight, geothermal, and other sources.

**Fahrenheit:** A temperature scale on which the boiling point of water is at 212 degrees above zero on the scale and the freezing point is at 32 degrees above zero at standard atmospheric pressure.

**Federal Region:** In a Presidential directive issued in 1969, various Federal agencies (among them the currently designated Department of Health and Human Services, the Department of Labor, the Office of Economic Opportunity, and the Small Business Administration) were instructed to adopt a uniform field system of 10 geographic regions with common boundaries and headquarters cities. The action was taken to correct the evolution of fragmented Federal field organization structures that each agency or component created independently, usually with little reference to other agencies' arrangements. Most Federal domestic agencies or their components have completed realignments and relocations to conform to the Standard Federal Administration Regions (SFAR's) shown on the map at the end of this publication.

**Forced Outage:** The shutdown of a generating unit, transmission line or other facility, for emergency reasons or a condition in which the generating equipment is unavailable for load due to unanticipated breakdown. (See Outage.)

**Fossil Fuel:** Any naturally occurring organic fuel, such as coal, crude oil, and natural gas.

**Fossil Fuel Plant:** A plant using coal, petroleum, or gas as its source of energy.

**Fuel:** Any substance that can be burned to produce heat; also, materials that can be fissioned in a chain reaction to produce heat.

**Fuel Cell:** A device that produces electrical energy directly from the controlled electrochemical oxidation of the fuel. It does not contain an intermediate heat cycle, as do most other electrical generation techniques.

**Gas:** Includes natural gas, coke-oven gas, blast-furnace gas, and refinery gas. Manufactured gas is reported as natural gas on FERC Form 423. (See Natural Gas.)

**Gas-Turbine Plant:** A plant in which the prime mover is a gas turbine. A gas turbine consists typically of an

axial-flow air compressor, one or more combustion chambers where liquid or gaseous fuel is burned and the hot gases are passed to the turbine; where the hot gases expand to drive the generator and then are used to run the compressor.

**Generating Unit:** An electric generator together with its prime mover.

**Generation:** The process of producing electric energy by transforming other forms of energy; also, the amount of electric energy produced, expressed in kilowatthours. (See Electric Plant, Energy.)

**Generator:** A machine that converts mechanical energy into electrical energy.

**Generator Nameplate Capacity:** The full-load continuous rating of a generator, prime mover, or other electrical equipment under specified conditions as designated by the manufacturer. Generator nameplate capacity is usually indicated on a nameplate attached physically to the equipment. Installed station capacity does not include auxiliary or house units.

**Geothermal Energy:** Energy from the internal heat of the earth may be residual heat, friction heat, or a result of radioactive decay. The heat is found in rocks and fluids at various depths and can be extracted by drilling and/or pumping.

**Geothermal Plant:** A plant in which the prime mover is a steam turbine. The turbine is driven either by steam produced from hot water or by natural steam that derives its energy from heat found in rocks or fluids at various depths beneath the surface of the earth. The energy is extracted by drilling and/or pumping.

**Gigawatt (GW):** One billion watts. (See Watt.)

**Gigawatthour (GWh):** One billion watthours. (See Watthour.)

**Grid:** The layout of an electrical distribution system. (See Transmission, Transmission System, Electric)

**Gross Generation:** The total amount of electric energy produced by a generating station or stations, measured at the generator terminals. (See Generation, Electric Plant.)

**Heat Rate:** A measure of generating station thermal efficiency, generally expressed in Btu per net kilowatthour. It is computed by dividing the total Btu content of fuel burned for electric generation by the resulting net kilowatthour generation. (See Btu, British Thermal Unit.)

**Heavy Oil:** The fuel oils remaining after the lighter oils have been distilled off during the refining process. Except for start-up and flame stabilization, virtually all petroleum used in steam plants is heavy oil.

**Horsepower:** A unit for measuring the rate of work (or power) equivalent to 33,000 foot-pounds per minute or 746 watts. (See Watt.)

**Hydroelectric Energy:** The production of electricity from kinetic energy in flowing water. (See Energy.)

**Hydroelectric Plant:** A plant in which the turbine generators are driven by falling water.

**Hydroelectric Power:** The harnessing of flowing water to produce mechanical or electrical energy. (See Hydroelectric Energy, Hydroelectric Plant.)

**Internal Combustion Plant:** A plant in which the prime mover is an internal combustion engine. An internal combustion engine has one or more cylinders in which the process of combustion takes place, converting energy released from the rapid burning of a fuel-air mixture into mechanical energy. Diesel or gas-fired engines are the principal types used in electric plants. The plant is usually operated during periods of high demand for electricity.

**Kilowatt (kW):** One thousand watts. (See Watt.)

**Kilowatthour (kWh):** One thousand watthours. (See Watthour.)

**Life Extension:** Investments made to maintain the operating status of an electric generating plant, into

acceptable levels of availability and efficiency, beyond its originally anticipated retirement date.

**Light Oil:** Lighter fuel oils distilled off during the refining process. Virtually all petroleum used in internal combustion and gas-turbine engines is light oil.

**Light-Water Reactor (LWR):** A nuclear reactor that uses water as the primary coolant and moderator, with slightly enriched uranium as fuel. There are two types of commercial light-water reactor -- the boiling-water reactor (BWR) and the pressurized-water reactor (PWR).

**Lignite:** Lignite, the lowest rank of coal, is brownish black and has a high moisture content, sometimes as high as 45 percent. It tends to disintegrate when exposed to the weather. The heat content of lignite ranges from 9 to 17 million Btu per ton as received and averages about 14 million Btu per ton. The ignition temperature is approximately 600 degrees Fahrenheit. Lignite is mined in California, Louisiana, Montana, North Dakota, and Texas, and is used mainly to generate electricity in power plants that are relatively close to the mines.

**Load (Electric):** The amount of electric power delivered or required at any specific point or points on a system. The requirement originates at the energy-consuming equipment of the customers.

**Load Management Technique:** Utility demand management practices directed at reducing the maximum kilowatt demand on an electric system, and/or modifying the coincident peak demand of one or more classes of service to better meet the utility system capability for a given hour, day, week, season, or year. (See Coincident Peak Load, Classes of Service, Demand, Load (Electric).)

**Low-Power Testing:** The period of time between a plant's initial fuel loading date and the issuance of its operating (Full Power) license. The maximum level of operation during this period is 5 percent of the unit's design thermal rating.

**Maximum Demand:** The greatest of all demands of the load that has occurred within a specified period of time.

**Mcf:** One thousand cubic feet.

**Megawatt (MW):** One million watts. (See Watt.)

**Megawatthour (MWh):** One million watthours. (See Watthour.)

**MMcf:** One million cubic feet.

**Municipality:** A city, county, irrigation district, drainage district, or a political subdivision or agency of a State competent under the laws thereof to carry on the business of developing, transmitting, or distributing power.

**Natural Gas:** A naturally occurring mixture of hydrocarbon and nonhydrocarbon gases found in porous geological formations beneath the earth's surface, often in association with petroleum. The principal constituent is methane.

**Net Generation:** Gross generation less plant use, measured at the high-voltage terminals of the station's step-up transformer. The energy required for pumping at pumped-storage plants is regarded as plant use and must be deducted from the gross generation. (See Generation, Electric Plant.)

**Net Summer Capability:** The steady hourly output which generating equipment is expected to supply to system load (exclusive of auxiliary) power as demonstrated by tests at the time during summer peak demand.

**Net Winter Capability:** The steady hourly output which generating equipment is expected to supply to system load exclusive of auxiliary power as demonstrated by test at the time of winter peak demand.

**North American Electric Reliability Council (NERC):** A council formed in 1968 by the electric utility industry to promote the reliability and adequacy of bulk power supply in the electric utility systems of North America. NERC consists of nine regional reliability councils and encompasses essentially all the power systems of the contiguous United States, Canada, and some in Mexico. The data summarized by NERC regions in this publication are limited to that portion applicable to the contiguous United States, thereby

excluding that portion of NERC data applicable to Alaska, Hawaii, Canada, and Mexico. The NERC Regions are:

ECAR - East Central Area Reliability Coordination Agreement

ERCOT - Electric Reliability Council of Texas

MAIN - Mid-America Interconnected Network

MAAC - Mid-Atlantic Area Council

MAPP - Mid-Continent Area Power Pool

NPCC - Northeast Power Coordinating Council

SERC - Southeastern Electric Reliability Council

SPP - Southwest Power Pool

WSCC - Western Systems Coordinating Council.

**Nuclear Fuel:** Fissionable materials that have been enriched to such a composition that when placed in a nuclear reactor will support a self-sustaining fission chain reaction, producing heat in a controlled manner for process use.

**Nuclear Power Plant:** A plant in which the prime mover is a steam turbine. The steam used to drive the turbine is produced by a heat transfer from the reactor vessel during the period when the nuclear fuel is undergoing fission.

**Nuclear Reactor:** A device in which a fission chain reaction can be initiated, maintained, and controlled. Its essential components are a vessel containing a core with fissionable fuel, a moderator for the fission chain reaction, and a control system.

**No. 1 Fuel Oil:** A light distillate fuel oil intended for use in vaporizing pot-type burners. ASTM Specification D396 specifies for this grade maximum distillation temperatures of 400 degrees F. at the 10-percent point and 550 degrees F. at the 90-percent point, and kinematic viscosities between 1.4 and 2.2 centistokes at 100 degrees F.

**No. 2 Fuel Oil:** A distillate fuel oil for use in atomizing type burners for domestic heating or for moderate capacity commercial-industrial burner units. ASTM Specification D396 specifies for this grade distillation temperatures at the 90-percent point between 540 de-

grees and 640 degrees F., and kinematic viscosities between 2.0 and 3.6 centistokes at 100 degrees F.

**No. 1 and No. 2 Diesel Fuel Oils:** Distillate fuel oils used in compression-ignition engines, as given by ASTM Specification D975:

**No. 1-D -** A volatile distillate fuel oil with a boiling range between 300-575 degrees F. and used in high-speed diesel engines generally operated under wide variations in speed and load. Includes type C-B diesel fuel used for city buses and similar operations. Properties are defined in ASTM Specifications D975.

**No. 2-D -** A gas-oil type of distillate of lower volatility with distillation temperatures at the 90-percent point between 540-640 degrees F. for use in high-speed diesel engines generally operated under uniform speed and load conditions. Includes Type R-R diesel fuel used for railroad locomotive engines, and T-T for diesel-engine trucks. Properties are defined in ASTM Specification D975.

**No. 4 Fuel Oil:** A fuel oil for commercial burner installations not equipped with preheating facilities; used extensively in industrial plants. This grade is a blend of distillate fuel oil and residual fuel oil stocks that conform to ASTM Specification D396 or Federal Specification VV-F-815C; its kinematic viscosity is between 5.8 and 26.4 centistokes at 100 degrees F. Also included is No. 4-D, a fuel oil for low- and medium-speed diesel engines that conforms to ASTM Specification D975.

**Ohm:** The unit of measurement of electrical resistance. The resistance of a circuit in which a potential difference of 1 volt produces a current of 1 ampere. (See Ampere, Current, Volt.)

**Oil:** A mixture of hydrocarbons usually existing in the liquid state in natural underground pools or reservoirs. Gas is often found in association with oil. (See Crude Oil (Including Lease condensate), Petroleum.)

**Operable:** A unit is operable when it is available to provide power to the grid. For a nuclear unit, this is when it receives its full power amendment to its operating license from the Nuclear Regulatory Commission.

**Other Gas:** Includes manufactured gas, coke-oven gas, blast-furnace gas, and refinery gas. Manufactured gas is obtained by distillation of coal, by the thermal



decomposition of oil, or by the reaction of steam passing through a bed of heated coal or coke. (See Natural Gas)

**Other Generation:** Electricity originating from these sources: biomass, fuel cells, geothermal heat, solar power, waste, wind, and wood.

**Outage:** The period during which a generating unit, transmission line, or other facility is out of service. (See Forced Outage, Scheduled Outage.)

**Peak Load:** The maximum load during a specified period of time.

**Peak Load Plant:** A plant usually housing old, low-efficiency steam units, gas turbines, diesels, or pumped-storage hydroelectric equipment normally used during the peak-load periods.

**Peaking Capacity:** Capacity of generating equipment normally operated during the hours of highest daily, weekly, or seasonal loads. Some generating equipment may be operated at certain times as peaking capacity and at other times to serve loads on a 'round-the-clock basis. (See Peak Load.)

**Petroleum:** A mixture of hydrocarbons existing in the liquid state found in natural underground reservoirs, often associated with gas. Petroleum includes Fuel Oil 2, 4, 5, 6, topped crude, kerosene, and jet fuel. (See Petroleum (Crude Oil).)

**Petroleum Coke:** A residue, high in carbon content and low in hydrogen, that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion factor is 5 barrels (of 42 U.S. gallons each) per short ton.

**Petroleum (Crude Oil):** A naturally occurring, oily, flammable liquid composed principally of hydrocarbons. Crude oil is occasionally found in springs or pools but usually is drilled from wells beneath the earth's surface.

**Photovoltaic Cell:** Device that produces electrical current by converting light or similar radiation. (See Other Generation.)

**Plant:** A station at which are located prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or nuclear energy into electric energy. A station may contain more than one type of prime mover. Electric utility plants exclude stations that satisfy the definition of qualifying facility under the Public Utility Regulatory Policies Act of 1978.

**Plant Use:** The electric energy used in the operation of a plant. Included in this definition is the energy required for pumping at pump-storage plants.

**Plant-Use Electricity:** The electric energy used in the operation of a plant. This energy total is subtracted from the gross energy production of the plant; for reporting purposes the plant energy production is then reported as a net figure. The energy required for pumping at pumped-storage plants is by definition subtracted, and the energy production for these plants is then reported as a net figure. (See Combined Pumped-Storage Plant, Pumped-Storage Hydroelectric Plant, Pure Pumped-Storage Hydroelectric Plant.)

**Power:** The rate at which energy is transferred, usually measured in watts. Also used for a measurement of capacity. (See Capacity, Energy, Watt.)

**Power (Electrical):** An electric measurement unit of power called a voltampere is equal to the product of one volt and one ampere. This is equivalent to 1 Watt for a direct current system and a unit of of apparent power is separated into real and reactive power. Real power is the work-producing part of apparent power that measures the rate of supply of energy and is denoted as kilowatts (KW). Reactive power is the portion of apparent power that does no work and is referred to as kilovars; this type of power must be supplied to most types of magnetic equipment, such as motors, and is supplied by generator or by electrostatic equipment. Voltamperes are usually divided by 1,000 and called kilovoltamperes (kVA). Energy is denoted by the product of real power and the length of time utilized; this product is expressed as kilowatthours.

**Pressurized-Water Reactor (PWR):** A nuclear reactor in which heat is transferred from the core to a heat exchanger via water kept under high pressure, so that high temperatures can be maintained in the primary system without boiling the water. Steam is generated in a secondary circuit.

**Prime Mover:** The engine, turbine, water wheel, or similar machine that drives an electric generator

**Privately Owned Electric Utility:** A class of ownership found in the electric power industry where the utility is regulated and authorized to achieve an allowed rate of return. (See Electric Power Industry.)

**Production (Electric):** Act or process of producing electric energy from other forms of energy; also, the amount of electric energy expressed in watt-hours (Wh).

**Publicly Owned Electric Utility:** A class of ownership found in the electric power industry. This group includes those utilities operated by municipalities, and State and Federal power agencies.

**Public Utility Regulatory Policies Act of 1978:** One part of the National Energy Act, PURPA contains measures designed to encourage the conservation of energy, more efficient use of resources, and equitable rates. Principal among these were suggested retail rate reforms and new incentives for production of electricity by cogenerators and users of renewable resources. The Commission has primary authority for implementing several key PURPA programs.

**Pumped-Storage Hydroelectric Plant:** A plant that usually generates electric energy during peak-load periods by using water previously pumped into an elevated storage reservoir during off-peak periods when excess generating capacity is available to do so. When additional generating capacity is needed, the water can be released from the reservoir through a conduit to turbine generators located in a power plant at a lower level.

**Pure Pumped-Storage Hydroelectric Plant:** A plant that produces power only from water that has previously been pumped to an upper reservoir.

**Renewable Energy Source:** An energy source that is regenerative or virtually inexhaustible. Typical examples are wind, geothermal and water power. (See Other Generation.)

**Residual Fuel Oil:** The topped crude of refinery operation; includes No. 5 and No. 6 fuel oils as defined in ASTM Specification D396 and Federal Specifica-

tion VV-F-815C, Navy Special fuel oil as defined in Military Specification MIL-F-859E including Amendment 2 (NATO Symbol F-77), and Bunker C fuel oil. Residual fuel oil is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes. Imports of residual fuel oil include "Imported Crude Oil Burned as Fuel."

**Run-of-River Hydroelectric Plant:** A low-head plant using the flow of a stream as it occurs, and having little or no reservoir capacity for storage. (See Hydroelectric Power.)

**Scheduled Outage:** The shutdown of a generating unit, transmission line, or other facility, for inspection or maintenance, in accordance with an advance schedule. (See Forced Outage, Outage.)

**Short Ton:** A unit of weight equal to 2,000 pounds.

**Solar Energy:** Energy produced from the sun's radiation.

**Standby Facility:** A facility that supports a utility system and is generally running under no-load. It is available to replace or supplement a facility normally in service. (See Standby Service, Outage.)

**Standby Service:** Support service that is available as needed to supplement a customer, a utility system, or to another utility if a schedule or an agreement authorizes the transaction. The service is not regularly used. (See Standby Facility, Outage.)

**Station (Electric):** A plant containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or nuclear energy into electric energy.

**Storage Hydroelectric Plant:** A hydroelectric plant with reservoir storage capacity for power use.

**Subbituminous Coal:** Subbituminous coal, or black lignite, is dull black and generally contains 20 to 30 percent moisture. The heat content of subbituminous coal ranges from 16 to 24 million Btu per ton as received and averages about 18 million Btu per ton. Subbituminous coal, mined in the western coal fields, is used for generating electricity and space heating.

**System (Electric):** Physically connected generation, transmission, and distribution facilities operated as an integrated unit under one central management, or operating supervision.

**Thermal:** A term used to identify a type of electric generating station, capacity, capability, or output in which the source of energy for the prime mover is heat.

**Turbine:** A machine for generating rotary mechanical power from the energy in a stream of fluid (such as water, steam, or hot gas). Turbines convert the kinetic energy of fluids to mechanical energy through the principles of impulse and reaction, or a mixture of the two.

**Uranium:** A heavy, naturally radioactive, metallic element with atomic number 92. The two isotopes that occur most frequently are Uranium-235 and Uranium-238. Uranium-235 is the only isotope existing in nature in any appreciable extent that is fissionable by thermal neutrons. Uranium is the basic raw material of nuclear energy. (See Nuclear Fuel.)

**Volt:** The unit of measurement of voltage, electrical force, or pressure. The electrical force that, if steadily applied to a circuit with a resistance of 1 ohm, will produce a current of 1 ampere. (See Ampere, Current, Ohm.)

**Watt:** The electrical unit of power. The rate of energy transfer equivalent to 1 ampere flowing under a pressure of 1 volt at unity power factor.

**Watt-hour (Wh):** An electrical energy unit of measure equal to 1 watt of power supplied to, or taken from, an electric circuit steadily for 1 hour.

**Wind Energy:** Energy produced by harnessing the force of the wind. In a wind energy conversion system such as a windmill, the energy of wind is used to turn the shaft of a generator, which in turn usually produces direct current. This direct current is usually converted to alternating current before being fed into a utility grid system.

**END**

**DATE FILMED**

11 / 02 / 90

