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To ensure that this report meets the highest standards for quality and customer satisfaction, we encourage our readers to contact Kenneth McClevey on (202) 426-1144(Internet:KENNETH.MCCLEVEY@EIA.DOE.GOV) with comments or suggestions to further improve the report.

Preface

The Electric Power Monthly (EPM) presents monthly electricity statistics for a wide audience including Congress, Federal and State agencies, the electric utility industry, and the general public. The purpose of this publication is to provide energy decisionmakers with accurate and timely information that may be used in forming various perspectives on electric issues that lie ahead. The EIA collected the information in this report to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (Public Law 93-275) as amended.

Background

The Electric Power Division; Office of Coal, Nuclear, Electric and Alternate Fuels, Energy Information Administration (EIA), Department of Energy prepares the EPM. This publication provides monthly statistics at the State, Census division, and U.S. levels for net generation, fossil fuel consumption and stocks, quantity and quality of fossil fuels, cost of fossil fuels, electricity retail sales, associated revenue, and average revenue per kilowatthour of electricity sold. In addition, data on net generation, fuel consumption, fuel stocks, quantity and cost of fossil fuels are also displayed for the North American Electric Reliability Council (NERC) regions.

The EIA publishes statistics in the *EPM* on net generation by energy source; consumption, stocks, quantity, quality, and cost of fossil fuels; and capability of new generating units by company and plant.

Data Sources

The *EPM* contains information from seven data sources: Form EIA-759, "Monthly Power Plant Report"; Federal Energy Regulatory Commission (FERC) Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions"; Form EIA-900, "Monthly Nonutility Power Report"; Form EIA-861, "Annual Electric Utility Report"; Form EIA-860A, "Annual Electric Generator Report – Utility;" and Form EIA-860B, "Annual Electric Generator Report – Nonutility." Copies of these forms and their instructions may be obtained from the National Energy Information Center. A detailed description of these forms is in Appendix B, "Technical Notes."

Office of Coal, Nuclear, Electric and Alternate Fuels
Electric Power Industry Related Data: Available in Electronic Form

(as of April 1999)

	Internet				
	Portable Document Format (PDF)	Executable Data Files	Hypertext Markup Language (HTML)	**CD-ROM**	**Diskette**
Surveys:					
Form EIA-412: Annual Report of Public Electric Utilities		X			X
Form EIA-759: Monthly Power Plant Report		X		X	X
Form EIA-767: Steam-Electric Operation and Design Report		X			X
Form EIA-826: Monthly Electric Utility Sales and Revenue Report with State Distributions		X		X	X
Form EIA-860: Annual Electric Generator Report		X		X	X
Form EIA-861: Annual Electric Utility Report	X	X		X	X
FERC Form 1: Annual Report of Major Electric Utilities, Licensees, and Others		X			X
FERC Form 423: Monthly Report of Cost and Quality of Fuels for Electric Plants		X			X
Publications:					
Electric Power Monthly	X		X	X	
Data tables for Form EIA-759, Form EIA-826, Form EIA-860 (new units only), and FERC Form 423	X		X		
Electric Power Annual Volume I	X		X	X	
Electric Power Annual Volume II	X		X	X	
Inventory of Power Plants in the United States	X			X	
Electric Sales and Revenue	X		X	X	
Financial Statistics of Major U.S. Investor Owned Electric Utilities	X			X	
Financial Statistics of Major U.S. Publicly Owned Electric Utilities	X			X	

Note: If you have any questions and/or need additional information, please contact the National Energy Information Center at (202) 586-8800.

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Utility Generation and Retail Sales–January 1999

Generation. Total U.S. net generation of electricity was 276 billion kilowatthours, 4 percent above the amount reported in January 1998. The energy source with the largest kilowatthour increase in generation compared with January of last year was nuclear-powered plants, higher by 7 billion kilowatthours. Electricity generated from petroleum was also above the amount reported during the same period last year, higher by 60 percent.

Sales. Total sales of electricity to ultimate consumers in the United States during January 1999 were 280 billion kilowatthours, 12 billion kilowatthours or 5 percent higher than the level reported at this time in 1998. Compared with January 1998, retail sales of electricity in all the major end-use sectors increased, except in the industrial sector, which decreased slightly. The residential sector had sales of 111 billion kilowatthours, 9 percent higher than in January 1998, while retail sales in the commercial sector increased by 5 percent.

Utility Fuel Receipts, Costs, and Quality–December 1998

Coal. Receipts of coal at electric utilities totaled 80 million short tons, up 1 million short tons from receipts reported in December 1997. Receipts were at record levels for the month. Consumption of coal decreased from December 1997 levels due in-part to warmer-than-normal weather and to higher nuclear generation. As a result, stocks of bituminous coal (including subbituminous coal) rose 4 million short tons to the 114 million short ton level. This compares with bituminous coal stocks of 91 million at the end of December 1997. The average cost of coal received at electric utilities was $1.21 per million Btu compared to $1.25 per million Btu in December 1997. This was the lowest average monthly cost of coal since May 1979.

Petroleum. Receipts of petroleum totaled nearly 14 million barrels, up nearly 2 million barrels from December 1997. End-of-December stocks totaled 54 million barrels, their highest level since November 1995. The average cost of petroleum delivered to electric utilities was $1.84 per million Btu, the lowest cost since December 1973. This made petroleum attractive for baseload generation and is in-part the reason for an increase in petroleum-fired generation from 1997 levels.

Gas. Receipts of gas totaled 175 billion cubic feet (Bcf), down from the 187 Bcf reported in December 1997. The average cost of gas delivered to electric utilities was $2.31 per million Btu, compared to $2.78 per million Btu reported in December 1997. Receipts of gas to California showed a substantial decrease due in-part to the nonreporting status of several plants owned by Southern California Edison Company (SCE) and Pacific Gas & Electric Company (PG&E). During 1998, several SCE and PG&E plants were sold and are now operating as nonutility power plants. Therefore, they are no longer required to report fuels receipts on Federal Energy Regulatory Commission (FERC) Form 423.

Utility Fossil Fuel Receipts and Costs – The Year in Review

In 1998, preliminary data show that electric generating plants owned by electric utilities received 929 million short tons of coal, 165 million barrels of petroleum products, and 2,920 billion cubic feet (Bcf) of gas at a total delivered cost of $33 billion.[1] Coal accounted for 82.5 percent of total Btu content of fossil fuels delivered in 1998, while gas and petroleum accounted for 13 and 4.5 percent, respectively. The average cost of fossil fuels delivered to these plants in 1998 was $1.44 per million Btu, the lowest annual cost since 1978. (Due to restructuring of the electric power industry, several generating plants owned and operated by electric utilities were sold in 1998 to nonutility power producers and reclassified as nonutility generating plants. At the completion of the sale, these plants were no longer required to file receipt and cost data on the Federal Energy Regulatory Commission (FERC) Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and generation, consumption, and stock data on the Energy Information Administration (EIA) Form 759, "Monthly Power Plant Report." Therefore, the 1998 databases for these two surveys include only partial reporting of monthly data by these generating plants. The 1997 databases include a full year of monthly data. A list of plants sold during 1998 can be found on page 15 of this publication.

Electric utility plants received a record 929 million short tons of coal in 1998, up from 881 million short tons received in 1997. This increase was primarily due to record demand for coal-fired generation, and to the rebuilding of coal stocks as they relate to the resumption of coal deliveries via the Union Pacific Railroad to near normal levels from the reduced levels of 1997. Factors that either directly or indirectly limited coal receipts included the sale of eight coal-fired electric utility plants, and near record nuclear generation.

In 1998, coal-fired generation totaled a record 1,807 terawatthours[2] (TWh), up 1 percent from the 1,788 TWh reported in 1997. Likewise, coal consumption totaled a record 911 million short tons, up from 900 million short tons in 1997. This ultimately led to an increase in coal receipts at electric utilities. Contributing to record coal-fired generation and demand for coal was a strong economy (indicated in-part by record electricity sales to the industrial sector), a decrease in hydroelectric generation, and warmer-than-normal summer weather. Hydroelectric generation, which typically displaces fossil-fired generation, fell 10 percent from 1997 levels. The above-normal summer temperatures resulted in record coal-fired generation for June, July, and August. Coal consumption during this period was at an all-time high of 253 million short tons while receipts of coal totaled a record 238 million short tons. August set a monthly record for coal receipts at 82 million short tons. According to data from the National Oceanic and Atmospheric Administration (NOAA), the summer of 1998 was the ninth warmest since record keeping began in 1895.[3]

The return to near normal coal deliveries via the Union Pacific Railroad (UPRR) was also a positive factor for coal receipts in 1998. During the second half of 1997, operational problems on the UPRR resulted in rail congestion and negatively impacted receipts of coal to the West North Central and West South Central Census divisions. Receipts of contracted coal at some plants were so far behind schedule that some electric utilities had to reduce coal-burn in order to conserve stocks. By mid 1998, through the combination of UPRR having solved many of their problems and the cooperation and help of other railroads, coal deliveries and stocks returned to near normal levels. In fact, end-of-year stocks levels in the West North Central and West South Central Census divisions were above the 1997 end-of-year levels by 32 and 30 percent, respectively. Nationwide, end-of-year stocks of coal were 121 million short tons, up from 99 million short tons at the end of 1997. Much higher levels of stocks (for the most part unrelated to improvements on the UPRR) are also notable in the East North Central and South Atlantic Census divisions. Combined, these two Census divisions accounted for an 11-million-short-ton increase in stocks. Also contributing to an increase in end-of-year stocks at the National level was the second warmest autumn on record since 1895.[4] The above normal autumn

[1]Federal Energy Regulatory Commission (FERC) Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." This survey covers over 99 percent of all coal and approximately 90 percent of the petroleum and gas delivered to electric utilities. It does not include any data on fuel receipts and costs at nonutility generating plants.

[2]A terawatthour is equal to one billion kilowatthours.

[3]National Oceanic and Atmospheric Administration, National Climatic Data Center, extracted from the Internet at http://www.ncdc.noaa.gov/ol/climate/research/1998/aug/aug98.html on April 6, 1999.

[4]U.S. Department of Agriculture, *Weekly Weather and Crop Bulletin* (January 20, 1999).

temperatures that reduced heating loads, coupled with consistently high levels of nuclear generation during the September through November period, reduced demand for coal-fired generation.

The sale of eight electric plants in 1998 also affected end-of-year stock data. Had these plants reported end-of-year stocks in 1998, and if these stocks had been reported at 1997 end-of-year levels, total coal stocks would have increased by an additional 1.5 million short tons. Overall, the reported 22-million-short-ton increase in stocks was a factor in electric utilities receiving record coal receipts in 1998.

The sale of eight electric utility plants and their reclassification as nonutility plants reduced coal receipts in 1998. These eight plants include State Line (Commonwealth Edison Company of Indiana), Kincaid (Commonwealth Edison Company), Coleman, Green, Reid-Henderson, and Wilson (Big Rivers Electric Corporation), and Brayton Point and Salem Harbor (New England Power Company). Receipts of fuel were reported for these plants on FERC Form 423 until the month the sale became official and the facility was reclassified as a nonutility generating plant. If these plants had reported a full year of data and if receipts for each month after the sale were reported at 1997 levels, total receipts would have increased by an additional 6.5 million short tons.

Continuing the downward trend of the past 12 years, the average delivered cost of coal decreased to $1.25 per million Btu, down from the $1.27 per million Btu in 1997.[5] Contributing to this lower cost of coal were the continuing expiration, renegotiation, and buyouts of older, high-priced contracts, improved efficiency in coal production and transportation, increased use of low-cost western coal, and, to some extent, excess production capacity. The average cost of coal delivered under contract in 1998 was $1.27 per million Btu, down from $1.29 per million Btu in 1997. Coal purchased on the spot-market (contracts of less than one year duration) decreased to $1.20 per million Btu, down from the $1.21 per million Btu in 1997.

The average sulfur content (measured as percent sulfur by weight) of coal delivered in 1998 was 1.06 percent, down from 1.11 percent in 1997. The average Btu content of coal was 10,238 per pound, down from 10,275 per pound in 1997. Over the past several years, the average sulfur and Btu content of coal have been trending downward as electric utilities have increased their use of low-sulfur, low-Btu western coal from the Powder River Basin (PRB) of Montana and Wyoming. Receipts of coal from the PRB totaled 301 million short tons versus 294 million shorts tons in 1997. The Western province was the origin for a record 430 million short tons (46 percent of all coal receipts), up from 390 million short tons (44 percent) in 1997. Receipts of coal from Wyoming totaled 305 million short tons, up 35 million short tons or 13 percent from 1997. Receipts of coal from Montana rose 2 million short tons to reach the 40-million-short-ton level. Receipts of coal from the Appalachian region totaled 317 million short tons versus 308 million in 1997. Coal receipts from Pennsylvania rose 5 million short tons to reach 58 million short tons. This was the largest volume change of any coal producing State in the Appalachian region. Receipts of coal (excluding lignite) from the Interior region totaled 99 million short tons, down from 100 million in 1997. The largest change in volume occurred in Indiana, which shipped an additional 3 million short tons to electric utilities in 1998. Receipts of lignite from Louisiana, Montana, North Dakota, and Texas remained unchanged at 77 million short tons. Wyoming ranked highest among coal producing States with 305 million short tons of coal delivered to electric utilities. Kentucky and West Virginia were ranked second and third with 120 million short tons and 106 million short tons, respectively. Imports of coal rose to 6 million short tons, up from 5 million short tons in 1997. The origin for most imported coal was Colombia and Venezuela. Electric utilities receiving at minimum 500,000 short tons of imported coal include Jacksonville Electric Authority, New England Power Company, Central Hudson Gas & Electric Company, and Tampa Electric Company.

Petroleum. Receipts of petroleum at electric utilities totaled 165 million barrels, up from 118 million barrels received in 1997. This was the third consecutive yearly increase and the highest level reported since 1991. The increase in 1998 was primarily fueled by a substantial decrease in the cost of crude oil and related products. Receipts to the South Atlantic Census division soared to 75 million barrels or 45 percent of all receipts, up from 45 million barrels and 38 percent in 1997. Receipts of petroleum to Florida were the highest of any State at 60 million barrels, up from 38 million

[5]The delivered cost of fossil fuels includes all costs (i.e., transportation, taxes, etc.) incurred by the electric utility for delivery of the fuel to the plant. It does not include unloading charges.

in 1997. Contributing to the increase was the low-cost of Number 6 fuel oil which made it attractive for baseload generation, and the fact that, Florida endured its warmest summer on record, according to NOAA. This contributed to record electric generation and higher demand for heavy fuel oil. Receipts to the Middle Atlantic Census division rose to 32 million barrels, up from 19 million barrels in 1997. Electric plants in New York, which are still dependant on petroleum as a baseload fuel, received 23 million barrels.

Receipts to the New England Census division totaled 36 million barrels, down approximately 0.6 million barrels from 1997 levels. This decrease in receipts was primarily due to the sale of the Mystic (Boston Edison Company) and Salem Harbor (New England Power Company) generating stations, and to some degree, higher nuclear generation. (If these plants had reported a full year of data and if receipts for each month after the sale were reported at 1997 levels, total petroleum receipts to the New England Census division would have increased by an additional 6 million barrels.) The sale of electric plants was not a significant factor affecting petroleum receipts and consumption in other Census divisions. Combined, the New England, Middle Atlantic, and South Atlantic Census divisions accounted for 86 percent of all petroleum receipts, up from 85 percent in 1997.

Petroleum coke receipts at electric utilities totaled 3 million short tons, up from 2 million short tons in 1997. The Jacksonville Electric Authority received nearly 873,000 short tons, up from 630,000 short tons in 1997. Northern States Power Company, Pennsylvania Power & Light Company, and Seminole Electric Cooperative also received substantial quantities of this fuel. Petroleum coke is gaining more acceptance at electric utilities due to its high Btu content and low-cost per million Btu. The average delivered cost of petroleum coke was $0.71 per million Btu, compared to $0.91 in 1997. A negative factor associated with this fuel is its high sulfur content which ranges between 4 and 6 percent. Petroleum coke is usually blended with a higher percentage of lower sulfur coal before it is burned in the boiler.

In 1998, the average cost of petroleum delivered to electric utilities was $2.14 per million Btu compared with $2.88 per million Btu in 1997. This was the lowest average annual cost since 1976. In December, the average cost fell to $1.84 per million Btu, the lowest monthly cost since December 1973. A worldwide supply / demand imbalance in crude oil was responsible for a substantial decrease in petroleum-product prices. The magnitude of the decline can be seen in the refiner acquisition cost of crude oil which fell from $19.04 per barrel in 1997 to $12.57 per barrel in 1998, its lowest level since 1978.[6] The average cost of Number 2 fuel oil was $3.30 per million Btu, down from $4.49 per million Btu reported in 1997. This fuel is used primarily for start-up and flame stabilization at steam-electric plants. The average cost of heavy fuel oil (Number 4, 5, and 6 fuel oil) was $2.08 per million Btu, compared to $2.79 per million Btu in 1997. The decrease in petroleum costs resulted in the annual average delivered cost of heavy oil being less expensive than natural gas for the first time since 1993, and only the second time since data collection began in 1972. This is important when considering the capability of many electric plants to burn the least expensive of the two fuels.

Gas. Receipts of gas to electric utilities totaled 2,920 billion cubic feet (Bcf), up from 2,765 Bcf reported in 1997. The sale of several electric plants and their reclassification to nonutility status affected receipts in 1998. (If these plants had reported a full year of data and if receipts for each month after the sale were reported at 1997 levels, gas receipts in 1998 would have totaled approximately 3,100 Bcf.) The average cost of gas was $2.38 per million Btu, down from $2.76 reported in 1997. Receipts to the West South Central Census division rose by 266 Bcf with Texas accounting for 192 Bcf of the increase. The substantial rise in gas receipts and consumption in Texas was mainly due to the State experiencing its warmest April through July period on record.[7] On the other hand, California reported gas receipts of 267 Bcf, down from 375 Bcf in 1997. This was due to the sale and reclassification to nonutility status of several gas-fired electric plants owned by Pacific Gas & Electric Company and Southern California Edison Company. (If these plants had reported a full year of data and if receipts for each month after the sale were reported at 1997 levels, gas receipts to California in 1998 would have totaled approximately 410 Bcf.) One might expect that the 13-TWh increase in generation from hydroelectric and nuclear plants in California might have displaced gas-fired generation (and receipts) in 1998. However, a substantial decrease in hydroelectric generation in both Oregon and Washington

[6]Energy Information Administration, *Monthly Energy Review* (MER), DOE / EIA-0035(99 / 03) (Washington, DC, March 1999), Table 9.1.

[7]National Oceanic and Atmospheric Administration, National Climatic Data Center; extracted from the Internet at http: / / www.ncdc.noaa.gov / ol / climate / research / 1998 / aug / aug98.html on April 7, 1999.

reduced exports of electricity from these States into California. Therefore, California needed to generate more of its own electricity requirements.

Receipts of gas to the New England Census division totaled 45 Bcf, down from 95 Bcf in 1997. Receipts were affected by the sale and reclassification of the Manchester Street plant owned by New England Power Company and the New Boston and Mystic plants owned by the Boston Edison Company. (If these plants had reported a full year of data and if receipts for each month after the sale were reported at 1997 levels, total gas receipts to the New England Census division in 1998 would have increased by an additional 32 Bcf. However, a 32-percent increase in nuclear generation coupled with petroleum costs that were substantially below the cost of natural gas would have limited the use of gas at these plants in 1998.)

In the South Atlantic Census Division, receipts of gas were 285 Bcf, down from 311 Bcf reported in 1997. Receipts of gas to Florida decreased 35 Bcf, due in-part to competition from low-cost heavy fuel oil. Several plants, especially those that are operated by Florida Power & Light Company (FP&L), can switch between petroleum and gas in order to burn the least expensive fuel. FP&L received 190 Bcf of gas, down from 222 Bcf in 1997, while petroleum receipts rose from 25 million barrels to 41 million barrels. The average cost of gas for FP&L was $2.76 per million Btu compared to $2.08 per million Btu for petroleum.

Hydroelectric and Nuclear Generation Effects on Fossil-Fuel Requirements

Hydroelectric generation totaled 304 TWh, down 10 percent from a record 337 TWh generated in 1997. However, 1998 was the third consecutive year that generation topped the 300-TWh level, something that has not happened since the years l982 through 1984. Since hydroelectric generation is the lowest cost power to generate, it does displace the use of fossil-fuels by electric utilities. This is especially important in the Pacific Contiguous Census division where more than one-half of the Nations' hydropower is generated. In 1998, hydroelectric generation in California rose by 23 percent due to higher-than-normal levels of precipitation and to an April 1998 snowpack in the Sierra Nevada mountains that was more than 130 percent above normal. This compares with very little snowpack in 1997.[8] (The snowpack and subsequent melting are very important to help maintain streamflow and reservoir levels into the summer months). To the north, both Oregon and Washington began 1998 with a mountain snowpack that was considerably below the level of January 1, 1997. By April 1, 1998, the snowpack in the Columbia River Basin was only 81 percent of normal as compared to nearly 140 percent of normal on April 1, 1997.[9] This was the primary reason for Oregon and Washington reporting decreases in hydroelectric generation of 15 and 23 percent, respectively. The net result for the Pacific Contiguous Census division was an 11-percent decrease in hydroelectric generation from 1997.

The availability of hydroelectric generation in the Pacific Northwest is reflected in the activity of the coal-fired Boardman plant, owned by Oregon-based Portland General Electric Company. The amount of generation produced by Boardman is directly dependant on the availability of hydroelectric power. The less hydroelectric power that is available in the region, the more Boardman is operated to produce electricity. This was evident in 1998 as coal receipts, consumption, and generation at Boardman more than doubled from the levels of 1997.

Though hydroelectric generation at the National level and, in particular, Oregon and Washington, showed a substantial decrease from 1997 levels, the Nation actually recorded its fifth wettest year on record compared to the forty-fourth wettest in 1997.[10] The Northwest Region—the NOAA region that includes Idaho, Oregon, and Washington—actually had its sixth wettest year on record in 1998, as compared with its sixteenth wettest in 1997. However, the seasonal distribution and variation of precipitation in 1998, coupled with below normal levels of snowpack in the Pacific Northwest at the start of the year, was not as favorable for hydroelectric generation as it was in 1997. As for the remainder of the Nation, all Census divisions, except the South Atlantic Census division, reported decreases in hydroelectric generation. In addition to Oregon and Washington, other States with significant hydroelectric generating

[8]United States Department of Agriculture, Natural Resource Conservation Service; National Water and Climate Center; extracted from the Internet at http://www.wcc.nrcs.usda.gov//wcc.html on March 19, 1999.

[9]*Ibid.*

[10]U.S. Department of Agriculture, *Weekly Weather and Crop Bulletin*, January 20, 1999 and January 13, 1998.

capacity that also reported decreases in hydroelectric generation included Alabama, Arizona, Idaho, Montana, New York, and South Dakota.

Nuclear generation was also an important factor affecting fossil-fuel use by electric utilities. In 1998, nuclear generation totaled 674 TWh, 7 percent higher than the 629 TWh produced in 1997. This was just shy of the record 675 TWh of nuclear generation produced in 1996. The annual capacity factor[11] for nuclear plants was 78 percent compared with 71 percent in 1997. This was the highest annual capacity factor for nuclear plants since data collection began in 1973.[12] The December 1998 capacity factor was an impressive 87 percent. This has major implications on the fossil-fuel requirements of electric utilities due to the fact that like hydroelectric power, nuclear generation also displaces fossil-fired generation. (Based on national level consumption and generation data presented in the *Electric Power Monthly*, and assuming a net summer nuclear capability of 99,000 megawatts, a 1-percent increase in the annual nuclear plant capacity factor (equivalent to 8,672,400 megawatthours[13] (MWh) of additional nuclear generation) translates into a reduction in annual consumption of either 4.4 million short tons of coal,[14] 14 million barrels of petroleum, or 92 billion cubic feet of gas, or most likely, a combination of each.)

The New England Census division reported a 26-percent increase in nuclear generation, the largest percentage change for any Census division. This, coupled with the sale of electric plants, contributed to a decrease in reported coal use in New England. The South Atlantic Census division had the largest volume increase at nearly 20 TWh. Among States reporting large increases in nuclear generation were California, Connecticut, Florida, Illinois, Louisiana, New Jersey, North Carolina, South Carolina, and Wisconsin. New Jersey reported the largest volume increase in nuclear generation at 13 TWh. This was due to a substantial increase in generation from the Salem nuclear plant (Public Service Electric & Gas Company). Florida was helped by a 36-percent or 8-TWh increase in nuclear generation. This was primarily due to the return to service of the Crystal River nuclear unit #3, operated by Florida Power Corporation. Large declines in nuclear generation were reported in Michigan and Pennsylvania, primarily due to a year-long outage at Indiana-Michigan Power Company's Cook nuclear facility, and to an extended outage at the Duquesne Light Company's Beaver Valley nuclear facility. Three nuclear units were decommissioned during 1998. The shutdown of the Zion 1 and 2 (Commonwealth Edison Company), and Millstone 1 (Northeast Utilities) had little affect on year-to-year changes in the data since each had been out of service for most of 1997 and 1998.

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[11]Capacity factor is the ratio of the amount of electricity produced by a generating plant for a given period of time to the electricity that the plant could have produced at continuous full-power operation during the same period.

[12]Energy Information Administration, *Monthly Energy Review* (MER), DOE / EIA-0035(99 / 03) (Washington, DC, March 1999), Table 8.1.

[13]This number is derived by multiplying 99,000 megawatts of summer capability by 8,760 hours (number of hours in a year). The result is then multiplied by 0.01 (1 percent). A one percent change equals 8,672,400 MWh.

[14]This calculation is based on a simple ratio of 1998 national level data. If the consumption of 911 million short tons of coal (Table 14) produces 1,807,480,000 MWh of generation (Table 4), then it should take 4.4 million short tons of coal to produce 8,672,400 MWh of generation.

Electricity Supply and Demand Forecast for 1999[1]

The EIA prepares a short-term forecast for electricity that is published in the *Short-Term Energy Outlook*. This page provides that forecast for the current year along with explanations behind the forecast.[2]

- Electricity demand in 1999 is projected to grow in each of the five demand sectors. The overall total for 1999 is forecast at 1.1 percent above 1998 levels, which is lower than the 3.7 percent growth rate experienced in 1998.
- Residential demand for electricity in 1999 is projected to increase by 1.2 percent over 1998. This is due to the expected second and third quarter increase in cooling demand over the same period in 1998, when temperatures were milder than normal.
- Commercial sector demand is forecast to rise by 1.7 percent in 1999 and can be attributed mainly to expanding employment and favorable economic conditions. Industrial demand is projected to grow by 0.2 percent in 1999 reflecting the continuing growth in industrial output.
- Electricity generation at U.S. utilities is expected to grow at the rate of 1.2 percent, which is 1.8 percent below the growth rate experienced in 1998. The nonutility generation growth rate is projected to remain steady at 1.5 percent.
- Assuming that weather will be normal in 1999, hydropower generation by electric utilities is expected to decrease by 8.1 percent from the abnormally high levels seen the past 3 years. These levels resulted from increased availability of hydroelectric generation due to high runoff conditions in the Pacific Northwest, created by above-average rainfall in 1996 and 1997.
- Nuclear power generation is expected to increase by 0.2 percent as it continues to recover from the negative growth seen in 1997, as many of the downed nuclear plants go back on line (but not back up to peak 1996 levels).
- Net imports of electricity from Canada are forecast to be 8.7 percent above last year's level. This ends the downward trend which occurred each year (except in 1996)after the record high levels of imports seen in 1994.

[1]Energy Information Administration, *Short-Term Energy Outlook: 1st Quarter 1999*, DOE / EIA-0202 (99 / 1Q) (Washington, DC, January 1999).

[2]Further questions on this section may be directed to Rebecca McNerney at 202-426-1251 or via Internet at rmcnerne@eia.doe.gov.

Electricity Supply and Demand
(Billion Kilowatthours)

	1999				
	1st	2nd	3rd	4th	Year
Supply					
Net Utility Generation					
Coal	*455.5*	*436.1*	*492.8*	*461.2*	*1845.7*
Petroleum	*32.9*	*30.7*	*35.9*	*27.9*	*127.4*
Natural Gas	*51.3*	*85.8*	*118.4*	*61.7*	*317.3*
Nuclear	*174.3*	*154.5*	*181.4*	*163.5*	*673.6*
Hydroelectric	*76.5*	*77.9*	*65.6*	*64.0*	*284.0*
Geothermal and Other [a]	*1.8*	*1.7*	*1.7*	*1.7*	*6.9*
Subtotal	*792.3*	*786.7*	*895.9*	*780.1*	*3255.0*
Nonutility Generation [b]					
Coal	*15.1*	*14.4*	*15.7*	*17.6*	*62.8*
Petroleum	*4.0*	*3.9*	*4.2*	*4.7*	*16.8*
Natural Gas	*50.9*	*48.7*	*53.0*	*59.4*	*212.0*
Other Gaseous Fuels [c]	*2.9*	*2.8*	*3.1*	*3.4*	*12.2*
Hydroelectric	*4.3*	*4.1*	*4.5*	*5.0*	*18.0*
Geothermal and Other [d]	*17.8*	*17.0*	*18.5*	*20.8*	*74.1*
Subtotal	*95.0*	*91.0*	*99.1*	*110.9*	*396.0*
Total Generation	*887.3*	*877.7*	*994.9*	*891.0*	*3651.0*
Net Imports	*6.8*	*7.9*	*11.2*	*7.8*	*33.7*
Total Supply	*894.1*	*885.6*	*1006.1*	*898.8*	*3684.6*
Losses and Unaccounted for [e]	*47.3*	*73.5*	*64.3*	*65.7*	*250.8*
Demand					
Electric Utility Sales					
Residential	*298.5*	*253.3*	*329.6*	*264.7*	*1146.2*
Commercial	*229.3*	*231.9*	*269.3*	*233.4*	*964.0*
Industrial	*253.9*	*264.0*	*274.1*	*263.1*	*1055.0*
Other	*25.2*	*24.7*	*27.2*	*25.4*	*102.6*
Subtotal	*807.0*	*773.9*	*900.3*	*786.6*	*3267.8*
Nonutility Gener. for Own Use [b]	*39.8*	*38.1*	*41.5*	*46.5*	*166.0*
Total Demand	*846.8*	*812.1*	*941.8*	*833.1*	*3433.8*
Memo:					
Nonutility Sales to Electric Utilities [b]	*55.2*	*52.9*	*57.5*	*64.4*	*230.1*

[a]Other includes generation from wind, wood, waste, and solar sources.

[b]Electricity from nonutility sources, including cogenerators and small power producers. Quarterly numbers for nonutility net sales, own use, and generation by fuel source supplied by the Office of Coal, Nuclear, Electric and Alternate Fuels, Energy Information Administration (EIA), based on annual data reported to EIA on Form EIA-867, "Annual Nonutility Power Producer Report."

[c]Includes refinery still gas and other process or waste gases, and liquefied petroleum gases.

[d]Includes geothermal, solar, wind, wood, waste, nuclear, hydrogen, sulfur, batteries, chemicals and spent sulfite liquor.

[e]Balancing item, mainly transmission and distribution losses.

Notes: • Minor discrepancies with other EIA published historical data are due to rounding. • Historical data are printed in bold, forecasts are in italic. • The forecasts were generated by simulation of the Short-Term Integrated Forecasting System. • Mid World Oil Price Case.

Sources: **Historical data:** Energy Information Administration, latest data available from EIA databases supporting the following reports: *Electric Power Monthly*, DOE/EIA-0226 and *Monthly Energy Review*, DOE/EIA-0035; **Projections:** Energy Information Administration, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric and Alternate Fuels.

Heating Degree-Days by Census Division, January 1999

Census Division	Number of Degree-Days			Percent Change	
	*Normal**	1998	1999	Normal to 1999	1998 to 1999
New England	*1,262*	1,054	1,219	-3.4	15.7
Middle Atlantic	*1,170*	897	1,099	-6.1	22.5
East North Central	*1,315*	1,037	1,273	-3.2	22.8
West North Central	*1,398*	1,188	1,347	-3.6	13.4
South Atlantic	*670*	503	541	-19.3	7.6
East South Central	*844*	636	651	-22.9	2.4
West South Central	*620*	428	446	-28.1	4.2
Mountain	*991*	865	856	-13.6	-1.0
Pacific Contiguous	*573*	513	554	-3.3	8.0
U.S. Average	***948***	**754**	**860**	**-9.3**	**14.1**

* "Normal" is based on calculations using temperature data from 1961 through 1990.

NM = Not meaningful (normal is less than 100 or ratio is incalculable).

Notes: ● Heating Degree-days are relative measures of outdoor air temperature used as indices of heating energy requirements. ● Heating degree-days are the number of degrees per day that the daily average temperature falls below 65 degrees Fahrenheit. The daily average temperature is the mean of the minimum and maximum temperatures in a 24-hour period.

Source: National Oceanic and Atmospheric Administration's National Weather Service Climate Analysis Center.

Cooling Degree-Days by Census Division, January 1999

Census Division	Number of Degree-Days			Percent Change	
	*Normal**	1998	1999	Normal to 1999	1998 to 1999
New England	*0*	0	0	NM	NM
Middle Atlantic	*0*	0	0	NM	NM
East North Central	*0*	0	0	NM	NM
West North Central	*0*	0	0	NM	NM
South Atlantic	*30*	27	30	NM	NM
East South Central	*7*	0	2	NM	NM
West South Central	*12*	0	5	NM	NM
Mountain	*0*	0	0	NM	NM
Pacific Contiguous	*1*	0	0	NM	NM
U.S. Average	***7***	**5**	**6**	**NM**	**NM**

*"Normal" is based on calculations using temperature data for 1961 through 1990.

NM = Not meaningful (normal is less than 100 or ratio is incalculable).

Notes: ● Cooling degree-days are relative measures of outdoor air temperature used as indices of cooling energy requirements. ● Cooling degree-days are the number of degrees per day that the daily average temperature falls above 65 degrees Fahrenheit. The daily average temperature is the mean of the minimum and maximum temperatures in a 24-hour period.

Source: National Oceanic and Atmospheric Administration's National Weather Service Climate Analysis Center.

Table 1. New U.S. Electric Generating Units by Operating Company, Plant, and State, and Retirements and Total Capability 1999

Month/ Company	Plant	State	Generating Unit Number	Net Summer Capability[1] (megawatts)	Energy Source	Unit Type Code
January						
Rockford City of	Rockford	IA	6	1.6	Petroleum	IC
Trinidad City of	Trinidad	CO	5,6,7	5.7	Petroleum	IC
Northwestern Wisconsin	Mobile Diesel	WI	1	.5	Petroleum	IC
Public Service Co of Colorado	Fort St Vrain	CO	3	128.0	Gas	CT
Total Capability of Newly Added Units	–-	–-	–-	**135.7**	–-	–-
Total Capability of Retired Units	–-	–-	–-	**5.4**	–-	–-
U.S. Total Capability	–-	–-	–-	**688,635.1**	–-	–-

1 Net summer capability is estimated.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are preliminary. Final data for the year are to be released in the *Inventory of Power Plants in the United States* (DOE/EIA-0095). •Unit Type Codes are: CT=Combined Cycle Combustion Turbine, IC=Internal Combustion.

Source: Energy Information Administration, Form EIA-860A, ''Annual Electric Generator Report - Utility,'' and Form EIA-860B, ''Annual Electric Generator Report - Nonutility.''

Table 2. U.S. Electric Power Summary Statistics

Items	January 1999	December 1998	January 1998	Year To Date		
				1999	1998	Difference (percent)
Nonutility						
Net Generation (Million kWh)[1]	NA	NA	NA	NA	NA	NA
Coefficient of Variation (percent)	NA	NA	NA	NA	NA	NA
Electric Utility						
Net Generation (Million kWh)[2]						
Coal	155,639	152,166	156,658	155,639	156,658	–0.6
Petroleum[3]	10,210	8,977	6,390	10,210	6,390	59.8
Gas	17,345	18,175	16,352	17,345	16,352	6.1
Nuclear Power	65,261	62,497	57,889	65,261	57,889	12.7
Hydroelectric (Pumped Storage)[4]	–548	4	–44	–548	–44	1139.5
Renewable						
Hydroelectric (Conventional)	27,678	24,058	27,527	27,678	27,527	.5
Geothermal	414	451	491	414	491	–15.7
Biomass	164	204	172	164	172	–4.7
Wind	1	*	*	1	*	NA
Photovoltaic	*	*	*	*	*	NA
All Energy Sources	276,163	266,532	265,435	276,163	265,435	4.0
Consumption[2]						
Coal (1,000 short tons)	78,792	76,887	79,520	78,792	79,520	–.9
Petroleum (1,000 barrels)[5]	16,739	14,310	10,076	16,739	10,076	66.1
Gas (1,000 Mcf)	178,906	188,557	171,149	178,906	171,149	4.5
Stocks (end-of-month)[2]						
Coal (1,000 short tons)	120,425	120,501	100,406	—	—	—
Petroleum (1,000 barrels)[6]	52,759	53,790	49,499	—	—	—
Retail Sales (Million kWh)[7]						
Residential	110,691	92,123	101,982	110,691	101,982	8.5
Commercial	78,321	76,258	74,608	78,321	74,608	5.0
Industrial	82,535	87,157	82,546	82,535	82,546	*
Other[8]	8,150	8,163	8,245	8,150	8,245	–1.1
All Sectors	279,696	263,702	267,381	279,696	267,381	4.6
Revenue (Million Dollars)[7]						
Residential	8,406	7,310	8,042	8,406	8,042	4.5
Commercial	5,434	5,435	5,399	5,434	5,399	.6
Industrial	3,528	3,764	3,622	3,528	3,622	–2.6
Other[8]	543	560	539	543	539	.7
All Sectors	17,910	17,069	17,601	17,910	17,601	1.8
Average Revenue/kWh (Cents)[7]						
Residential	7.59	7.94	7.89	7.59	7.89	–3.7
Commercial	6.94	7.13	7.24	6.94	7.24	–4.1
Industrial	4.27	4.32	4.39	4.27	4.39	–2.6
Other[8]	6.66	6.86	6.53	6.66	6.53	1.9
All Sectors	6.40	6.47	6.58	6.40	6.58	–2.7

	December 1998[9]	November 1998[9]	December 1997[9]	Year To Date		
				1998[9]	1997[9]	Difference (percent)
Receipts						
Coal (1,000 short tons)	79,658	77,021	78,179	928,893	880,588	5.5
Petroleum (1,000 barrels)[10]	13,599	11,179	11,750	165,099	117,789	40.2
Gas (1,000 Mcf)	174,699	163,973	187,065	2,919,721	2,764,734	5.6
Cost (cents/million Btu)[11]						
Coal	121.1	123.8	125.2	125.1	127.3	–1.7
Petroleum[12]	183.5	204.9	273.3	213.6	288.0	–25.8
Gas[13]	231.0	241.0	278.4	238.4	276.0	–13.6

See next page for footnotes.

[1] Values are estimates based on a cutoff sample; see Technical Notes for a discussion of the sample design for Form EIA-900.
[2] Values for 1999 are estimates based on a cutoff model sample; see Technical Notes for a discussion of the sample design for the Form EIA-759; 1998 estimates have been adjusted to reflect the Form EIA-759 census data and are final; see Technical Notes for adjustment methodology.
[3] Includes petroleum coke.
[4] Represents total pumped storage facility production minus energy used for pumping. Pumping energy used at pumped storage plants for January 1999 was 2,131 million kilowatthours.
[5] The January 1999 petroleum coke consumption was 134,698 short tons.
[6] The January 1999 petroleum coke stocks were 547,784 short tons.
[7] Values for 1999 are estimates based on a cutoff model sample; see Technical Notes for a discussion of the sample design for the Form EIA-826; values for 1998 have been revised and are preliminary. Retail revenue and retail average revenue per kilowatthour do not include taxes such as sales and excise taxes that are assessed on the consumer and collected through the utility. Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.
[8] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.
[9] Values are preliminary for 1998 and final for 1997.
[10] The December 1998 petroleum coke receipts were 215,593 short tons.
[11] Average cost of fuel delivered to electric generating plants; cost values are weighted values.
[12] December 1998 petroleum coke cost was 72.3 cents per million Btu.
[13] Includes small amounts of coke-oven, refinery, and blast-furnace gas.
* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.
NA = Data are not available.
NM = This value may not be applicable or the percent difference calculation is not meaningful.

Notes: • * means the absolute value of the number is less than 0.5. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •kWh=kilowatthours, and Mcf=thousand cubic feet. •Monetary values are expressed in nominal terms.

Sources: •Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report''; Form EIA-826, ''Monthly Electric Utility Sales and Revenue Report with State Distributions''; Form EIA-900, ''Monthly Nonutility Power Plant Report''; Form EIA-861, ''Annual Electric Utility Report.'' •Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants.''

Industry Developments

UtiliCorp United and St. Joseph Light & Power to Merge

UtiliCorp United Incorporated (UtiliCorp) and St. Joseph Light & Power Company (St. Joseph), both Missouri-based utilities, have agreed to merge in a transaction valued at $190 million. According to UtiliCorp, the merger "strengthens our competitive position in our home state and in the Midwest." UtiliCorp has been pursuing a strategy of investments in regulated and unregulated energy businesses, both domestic and international. According to officials of both companies, St. Joseph will continue operations as a unit of UtiliCorp. The closing of the merger is expected sometime in 2000.[1]

UtiliCorp, based in Kansas City, Missouri, serves more than three million customers in eight States and Canada, Australia, New Zealand, and the United Kingdom. It has $6 billion in assets and annual sales of over $12 billion. Its Missouri Public Service (MPS) unit has served west central Missouri since 1917. Currently, MPS has approximately 250,000 electric and gas customers. Services have been provided under the "EnergyOne" trademark since 1995. Electric plants operated by UtiliCorp include Green, Greenwood, and Nevada (gas turbine facilities), KEI (jet engine units), and Sibley (523-megawatt coal-fired plant located in Jackson, Missouri). Aquila Energy, a subsidiary of UtiliCorp, is the second largest volume wholesaler of natural gas and the third largest volume wholesaler of electricity in the United States.

St. Joseph serves approximately 66,000 customers over a 10-county area of northwest Missouri. Its primary generating facility is the multi-fueled 7-unit 273-megawatt Lake Road generating station located in Buchanan, Missouri.

Unicom Corporation to Sell Electric Plants to Edison Mission Energy

Unicom Corporation (Unicom), the parent company of Commonwealth Edison Company (ComEd), has agreed to sell six coal-fired plants, the Collins Station oil-fired facility, and 9 peaking-unit sites to Edison Mission Energy (Edison Mission) for $4.813 billion. According to the *Wall Street Journal*, book value of the plants is approximately $1.7 billion.[2] ComEd had expected the sale of just the coal-fired assets to bring as much as $3 billion, considerably more than their $1.1 billion book value.[3] Unicom stated that it will realize a gain of $1.7 billion from the sale after taxes and satisfaction of sales-related obligations. This gain will be used to offset the cost of ComEd's nuclear-related assets that are currently valued at $9 billion and, according to Unicom, will provide it with a "more competitive balance sheet."[4] Unicom had also issued $3.4 billion in securitized bonds in December, 1998. According to the *Wall Street Journal*, the divestiture of the fossil-fired plants and the sale of bonds will leave Unicom "in a position of having more cash on hand than its 1998 revenue of $7 billion." Unicom stated that the sale will benefit Illinois consumers by bringing into the State a company the stature of Edison Mission. It also stated that a significant portion of the proceeds will be used to update the transmission and distribution system, thereby "providing our customers a first-class delivery system." Unicom also has plans to acquire transmission and distribution systems.

According to the agreement, ComEd will have access to the output from the plants for the next 5 years. The agreement also calls for incentives to encourage Edison Mission to increase the reliability of the plants. ComEd will continue to own and maintain its nuclear generating stations, which represent about one-half of its current generating capacity.

Included in the sale are 5,645 megawatts (MW) of coal-fired generating capacity at the following plants: Crawford (542 MW), Fisk (326 MW), Waukegan (789 MW), Joliet (1,358 MW), Will County (1,092 MW), Powerton (1,538 MW). Also included is the 2,698 MW oil- and gas-fired Collins Station, and peaking units with a combined capacity of 1,429 MW. Currently, ComEd provides electricity to 3.4 million customers located throughout northern Illinois.

[1] UtiliCorp United Inc. , extracted from the Internet at http: / / utilicorp.com on March 23, 1999.
[2] K. Kranhold, "Unicom to Sell Power Plants to Edison For $5 Billion, and Seeks Acquisitions," *The Wall Street Journal*, March 24, 1999.
[3] J. Bailey, "Unicom to Sell Coal-Fired Power Plants to Raise Cash for Its Nuclear Network," *The Wall Street Journal* (July 7, 1998).
[4] Unicom Corporation, extracted from the Internet at http: / / www.ucm.com on March 24, 1999.

Duquesne Light and First Energy Complete Asset Transfer Agreements

Duquesne Light Company (Duquesne) and First Energy Corporation (First Energy) have announced that they have completed previously announced agreements to swap generating assets. Once regulatory approvals are obtained, the transactions should be concluded by late 1999.

According to the agreements, First Energy—the holding company for Ohio Edison Company—The Illuminating Company, and Toledo Edison Company, will transfer ownership of three coal-fired plants to Duquesne. They include the 739-megawatt (MW) Avon lake plant (Ohio), the 338-MW New Castle Plant (Pennsylvania), and the 251-MW Niles Plant (Ohio). Combined, the plants have a total generating capacity of 1,328 MW. Duquesne's part of the agreement calls for it to transfer to First Energy its 187-MW ownership of Unit 7 of the Sammis Plant (Ohio), 186-MW interest in Unit 5 of the East Lake Plant (Ohio), 401-MW interest in Units 1, 2, and 3 of the Bruce Mansfield Plant (Pennsylvania), 498 MW of interest in Units 1 and 2 of the Beaver Valley Nuclear Plant (Pennsylvania), and 164-MW ownership of the Perry Nuclear Plant located in Ohio.[5]

Duquesne intends to include Avon Lake, New Castle, and Niles in its previously announced auction of generating assets that is expected to begin in April, 1999. Proceeds from the sale of the plants will be used by Duquesne Light to offset stranded costs. First Energy will continue to operate the plants until they are transferred to the new owners.

[5] Ohio Edison Company, extracted from the Internet at http://www.ohioedison.com on March 31, 1999.

Electric Utility Plants That Have Been Sold and Reclassified as Nonutility Plants

Utility	Plant	State	Nameplate Capacity (megawatts)	Date[a]	Buyer
Commonwealth Edison Co IN Inc	State Line	IN	614	January 1998	Southern Energy
Fairbanks CIty of	Chena	AK	57	January 1998	Aurora Energy
Commonwealth Edison Co Inc	Kincaid	IL	1,319	February 1998	Dominion Energy
Southern California Edison Co	Long Beach	CA	587	March 1998	NRG/Destec Energy
Southern California Edison Co	Cool Water	CA	727	April 1998	Houston Industries
Southern California Edison Co	El Segundo	CA	997	April 1998	NRG/Destec Energy
Southern California Edison Co	Ellwood	CA	57	April 1998	Houston Industries
Southern California Edison Co	Etiwanda	CA	1,049	April 1998	Houston Industries
Southern California Edison Co	Highgrove	CA	169	April 1998	Thermo Electron
Southern California Edison Co	Mandalay	CA	573	April 1998	Houston Industries
Southern California Edison Co	San Bernardino	CA	131	April 1998	Thermo Electron
Boston Edison Co	Edgar	MA	18	May 1998	Sithe Energies
Boston Edison Co	Framingham	MA	43	May 1998	Sithe Energies
Boston Edison Co	L Street	MA	19	May 1998	Sithe Energies
Boston Edison Co	Mystic	MA	1,100	May 1998	Sithe Energies
Boston Edison Co	New Boston	MA	718	May 1998	Sithe Energies
Boston Edison Co	West Medway	MA	135	May 1998	Sithe Energies
Southern California Edison Co	Alamitos	CA	2,120	May 1998	AES Corp
Southern California Edison Co	Huntington Beach	CA	1,009	May 1998	AES Corp
Southern California Edison Co	Redondo Beach	CA	1,573	May 1998	AES Corp
Pacific Gas & Electric Co	Morro Bay	CA	1,056	July 1998	Duke Energy Corp
Pacific Gas & Electric Co	Moss Landing	CA	1,624	July 1998	Duke Energy Corp
Pacific Gas & Electric Co	Oakland	CA	201	July 1998	Duke Energy Corp
Sacramento Municipal Util Dist	SMUD GEO	CA	78	July 1998	Calpine Geysers Co.
Southern California Edison Co	Ormond Beach	CA	1,613	July 1998	Houston Industries
Big Rivers Electric Corp	K C Coleman	KY	521	August 1998	LG&E Energy[b]
Big Rivers Electric Corp	R D Green	KY	527	August 1998	LG&E Energy[b]
Big Rivers Electric Corp	HMP&L Station 2	KY	365	August 1998	LG&E Energy[b]
Big Rivers Electric Corp	R A Reid	KY	171	August 1998	LG&E Energy[b]
Big Rivers Electric Corp	D B Wilson	KY	510	August 1998	LG&E Energy[b]
New England Power Co	Comerford	NH	140	September 1998	U S Generating Co
New England Power Co	Mcindoes	NH	11	September 1998	U S Generating Co
New England Power Co	S C Moore	NH	140	September 1998	U S Generating Co
New England Power Co	Wilder	NH	37	September 1998	U S Generating Co
New England Power Co	Bellows Falls	VT	41	September 1998	U S Generating Co
New England Power Co	Harriman	VT	34	September 1998	U S Generating Co
New England Power Co	Searsburg	VT	4	September 1998	U S Generating Co
New England Power Co	Vernon	VT	24	September 1998	U S Generating Co
New England Power Co	Deerfield	MA	32	September 1998	U S Generating Co
New England Power Co	Sherman	MA	7	September 1998	U S Generating Co
New England Power Co	Brayton Point	MA	1,600	September 1998	U S Generating Co
New England Power Co	Salem Harbor	MA	805	September 1998	U S Generating Co
New England Power Co	Fife Brook	MA	11	September 1998	U S Generating Co
New England Power Co	Bear Swamp	MA	600	September 1998	U S Generating Co
New England Power Co	Manchester Street	RI	489	September 1998	U S Generating Co
Fitchburg Gas & Elec Light Co	Fitchburg	MA	28	September 1998	Fleet Leasing[c]
Cambridge Electric Light Co	Kendall Square	MA	114	December 1998	Southern Energy
Canal Electric Co	Canal	MA	1,164	December 1998	Southern Energy
Commonwealth Electric Co	Oak Bluff DSLS	MA	8	December 1998	Southern Energy
Commonwealth Electric Co	West Tisbury	MA	6	December 1998	Southern Energy

[a]Start date for facility to begin reporting as a nonutility generator.
[b]Plants leased to LG&E Energy for 25 years.
[c]Unit returned to lessor.
Source: Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels, U.S. Department of Energy.

After an electric utility plant is sold and reclassified as nonutility plant, data for that plant is no longer collected on EIA Form-759, "Monthly Power Plant Report," and Federal Energy Regulatory Commission (FERC) Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Data collected prior to the sale will continue to be shown in this report. Consequently, a comparison between 1998 and historical State, Census Division, and U.S. level totals will be affected by the reclassification of plants.

U.S. Electric Utility Net Generation

Table 3. U.S. Electric Power Industry Net Generation, 1990 Through January 1999
(Million Kilowatthours)

Period	Electric Utilities								Nonutility Power Producers	Total Electric Power Industry
	Coal	Petroleum[1]	Gas[2]	Nuclear	Hydro-electric	Geothe-rmal	Other[3]	Total		
1990	**1,559,606**	**117,017**	**264,089**	**576,862**	**279,926**	**8,581**	**2,070**	**2,808,151**	**213,046**	**3,021,197**
1991	**1,551,167**	**111,463**	**264,172**	**612,565**	**275,519**	**8,087**	**2,050**	**2,825,023**	**243,503**	**3,068,526**
1992	**1,575,895**	**88,916**	**263,872**	**618,776**	**239,559**	**8,104**	**2,096**	**2,797,219**	**286,148**	**3,083,367**
1993	**1,639,151**	**99,539**	**258,915**	**610,291**	**265,063**	**7,571**	**1,994**	**2,882,525**	**314,399**	**3,196,924**
1994	**1,635,493**	**91,039**	**291,115**	**640,440**	**243,693**	**6,941**	**1,992**	**2,910,712**	**343,087**	**3,253,799**
1995	**1,652,914**	**60,844**	**307,306**	**673,402**	**293,653**	**4,745**	**1,664**	**2,994,529**	**363,308**	**3,357,837**
1996	**1,737,453**	**67,346**	**262,730**	**674,729**	**327,970**	**5,234**	**1,980**	**3,077,442**	**369,552**	**3,446,994**
1997										
January	161,286	8,225	13,359	58,914	31,049	414	162	273,410	NA	NA
February	134,998	4,479	13,475	50,658	29,840	310	148	233,907	NA	NA
March	137,830	4,345	18,191	50,414	33,286	438	155	244,659	NA	NA
April	131,744	3,926	18,870	44,883	30,436	484	170	230,512	NA	NA
May	136,110	4,452	22,192	47,032	32,709	471	178	243,143	NA	NA
June	146,009	6,728	28,456	52,095	32,762	385	154	266,588	NA	NA
July	167,087	9,072	40,403	57,352	30,034	512	169	304,628	NA	NA
August	162,384	7,711	37,237	61,084	25,462	505	174	294,557	NA	NA
September	151,427	7,688	32,281	52,586	22,031	482	153	266,649	NA	NA
October	152,004	7,094	23,276	46,981	23,240	477	194	253,267	NA	NA
November	146,037	6,660	17,029	51,189	22,166	475	170	243,726	NA	NA
December	160,890	7,374	18,855	55,457	24,219	516	166	267,477	NA	NA
Total	**1,787,806**	**77,753**	**283,625**	**628,644**	**337,233**	**5,469**	**1,993**	**3,122,522**	**371,918**	**3,494,441**
1998										
January	156,658	6,390	16,352	57,889	27,482	491	172	265,435	NA	NA
February	136,465	5,686	12,879	50,999	28,776	390	145	235,340	NA	NA
March	144,487	8,682	18,787	53,711	30,252	487	169	256,575	NA	NA
April	132,282	6,817	18,479	47,503	26,889	320	168	232,457	NA	NA
May	145,357	9,534	27,238	51,496	30,981	288	182	265,077	NA	NA
June	157,403	12,140	35,055	55,732	30,216	354	130	291,029	NA	NA
July	172,895	13,611	42,186	61,499	26,708	448	173	317,521	NA	NA
August	172,348	13,042	42,837	60,369	23,282	483	177	312,538	NA	NA
September	155,068	10,539	36,120	57,206	19,621	474	171	279,198	NA	NA
October	144,436	7,339	23,927	57,429	17,537	523	188	251,380	NA	NA
November	137,915	7,401	17,187	57,372	18,595	466	152	239,089	NA	NA
December	152,166	8,977	18,175	62,497	24,062	451	205	266,532	NA	NA
Total	**1,807,480**	**110,158**	**309,222**	**673,702**	**304,403**	**5,176**	**2,030**	**3,212,171**	**407,462**	**3,619,632**
1999										
January	155,639	10,210	17,345	65,261	27,130	414	165	276,163	NA	NA
Total	**155,639**	**10,210**	**17,345**	**65,261**	**27,130**	**414**	**165**	**276,163**	**NA**	**NA**
Year to Date										
1999	**155,639**	**10,210**	**17,345**	**65,261**	**27,130**	**414**	**165**	**276,163**	**NA**	**NA**
1998	**156,658**	**6,390**	**16,352**	**57,889**	**27,482**	**491**	**172**	**265,435**	**NA**	**NA**
1997	**161,286**	**8,225**	**13,359**	**58,914**	**31,049**	**414**	**162**	**273,410**	**NA**	**NA**

1 Includes fuel oils nos. 1, 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke
2 Includes supplemental gaseous fuel.
3 Includes biomass, wind, photovoltaic, and solar thermal energy sources.
NA = Not available.

Notes: •Values for electric utilities for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for electric utilities for 1998 have been adjusted to reflect the Form EIA-759 census data and are final--see Technical Notes for adjustment methodology. Values for electric utilities for 1997 and prior years are final. •Values for nonutilities (Form EIA-867) for 1997 and prior years are final. •Value for 1998 is a preliminary estimate based on 1997 Form EIA-867 Data. •Totals may not equal sum of components because of independent rounding. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Sources: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report''; Form EIA-867, ''Annual Nonutility Power Producers Report.''

Table 4. U.S. Electric Utility Net Generation by Nonrenewable Energy Source, 1990 Through January 1999

(Million Kilowatthours)

Period	All Nonrenewable Energy Sources	Coal[1]	Petroleum[2]	Gas	Nuclear	Hydroelectric[3] (Pumped Storage)
1990	**2,514,066**	**1,559,606**	**117,017**	**264,089**	**576,862**	**–3,508**
1991	**2,534,825**	**1,551,167**	**111,463**	**264,172**	**612,565**	**–4,541**
1992	**2,543,283**	**1,575,895**	**88,916**	**263,872**	**618,776**	**–4,177**
1993	**2,603,861**	**1,639,151**	**99,539**	**258,915**	**610,291**	**–4,036**
1994	**2,654,708**	**1,635,493**	**91,039**	**291,115**	**640,440**	**–3,378**
1995	**2,691,742**	**1,652,914**	**60,844**	**307,306**	**673,402**	**–2,725**
1996	**2,739,170**	**1,737,453**	**67,346**	**262,730**	**674,729**	**–3,088**
1997						
January	241,278	161,286	8,225	13,359	58,914	–507
February	203,277	134,998	4,479	13,475	50,658	–333
March	210,563	137,830	4,345	18,191	50,414	–217
April	199,149	131,744	3,926	18,870	44,883	–274
May	209,766	136,110	4,452	22,192	47,032	–19
June	233,061	146,009	6,728	28,456	52,095	–227
July	273,640	167,087	9,072	40,403	57,352	–274
August	268,117	162,384	7,711	37,237	61,084	–298
September	243,611	151,427	7,688	32,281	52,586	–371
October	228,915	152,004	7,094	23,276	46,981	–441
November	220,380	146,037	6,660	17,029	51,189	–535
December	242,031	160,890	7,374	18,855	55,457	–544
Total	**2,773,787**	**1,787,806**	**77,753**	**283,625**	**628,644**	**–4,041**
1998						
January	237,245	156,658	6,390	16,352	57,889	–44
February	206,154	136,465	5,686	12,879	50,999	125
March	225,651	144,487	8,682	18,787	53,711	–15
April	204,644	132,282	6,817	18,479	47,503	–437
May	232,899	145,357	9,534	27,238	51,496	–727
June	259,654	157,403	12,140	35,055	55,732	–675
July	289,525	172,895	13,611	42,186	61,499	–666
August	287,893	172,348	13,042	42,837	60,369	–703
September	258,660	155,068	10,539	36,120	57,206	–272
October	232,630	144,436	7,339	23,927	57,429	–501
November	219,347	137,915	7,401	17,187	57,372	–528
December	241,819	152,166	8,977	18,175	62,497	4
Total	**2,896,121**	**1,807,480**	**110,158**	**309,222**	**673,702**	**–4,441**
1999						
January	247,906	155,639	10,210	17,345	65,261	–548
Total	**247,906**	**155,639**	**10,210**	**17,345**	**65,261**	**–548**
Year to Date						
1999	**247,906**	**155,639**	**10,210**	**17,345**	**65,261**	**–548**
1998	**237,245**	**156,658**	**6,390**	**16,352**	**57,889**	**–44**
1997	**241,278**	**161,286**	**8,225**	**13,359**	**58,914**	**–507**

1 Includes lignite, bituminous coal, subbituminous coal, and anthracite.
2 Includes fuel oil Nos. 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke.
3 Pumping energy used for pumped storage plants for January 1999 was 2,131 million kilowatthours.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final--see Technical Notes for adjustment methodology. Values for 1997 and prior years are final. •Totals may not equal sum of components because of independent rounding. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 5. U.S. Electric Utility Net Generation by Renewable Energy Source, 1990 Through January 1999

(Thousand Kilowatthours)

Period	All Renewable Energy Sources	Hydroelectric (Conventional)	Geothermal	Biomass	Wind	Photovoltaic
1990	**294,085,003**	**283,433,659**	**8,581,228**	**2,067,270**	**398**	**2,448**
1991	**290,197,798**	**280,060,621**	**8,087,055**	**2,046,499**	**285**	**3,338**
1992	**253,936,260**	**243,736,029**	**8,103,809**	**2,092,945**	**308**	**3,169**
1993	**278,663,780**	**269,098,329**	**7,570,999**	**1,990,407**	**243**	**3,802**
1994	**256,003,613**	**247,070,938**	**6,940,637**	**1,988,257**	**309**	**3,472**
1995	**302,786,828**	**296,377,840**	**4,744,804**	**1,649,178**	**11,097**	**3,909**
1996	**338,272,331**	**331,058,055**	**5,233,927**	**1,967,057**	**10,123**	**3,169**
1997						
January	32,132,786	31,555,924	414,430	162,133	219	80
February	30,630,175	30,172,535	309,699	147,510	198	233
March	34,096,006	33,503,081	437,818	154,531	270	306
April	31,363,287	30,709,450	484,260	168,566	589	422
May	33,376,829	32,728,115	470,792	176,925	637	360
June	33,526,969	32,988,644	384,659	152,194	940	532
July	30,988,417	30,308,053	511,676	167,269	926	493
August	26,439,540	25,759,878	505,424	172,864	964	410
September	23,037,823	22,402,182	482,357	152,581	473	230
October	24,351,853	23,681,131	476,849	193,152	499	222
November	23,345,846	22,700,846	475,091	169,665	132	112
December	25,445,551	24,763,608	516,055	165,677	130	81
Total	**348,735,082**	**341,273,447**	**5,469,110**	**1,983,067**	**5,977**	**3,481**
1998						
January	28,189,793	27,526,636	491,305	171,791	17	44
February	29,186,508	28,651,686	390,181	144,599	8	34
March	30,923,604	30,267,686	486,607	169,055	6	250
April	27,813,755	27,325,728	320,413	167,252	84	278
May	32,178,489	31,708,073	288,494	181,593	140	189
June	31,374,829	30,891,590	353,625	128,893	386	335
July	27,995,724	27,374,620	448,490	171,673	535	406
August	24,644,552	23,985,386	482,641	175,748	412	365
September	20,537,720	19,893,032	474,013	169,950	465	260
October	18,749,908	18,038,240	523,350	187,838	292	188
November	19,741,577	19,123,266	466,333	151,700	177	101
December	24,713,293	24,057,811	450,828	204,151	435	68
Total	**316,049,752**	**308,843,754**	**5,176,280**	**2,024,243**	**2,957**	**2,518**
1999						
January	28,257,348	27,677,884	414,341	163,665	1,411	47
Total	**28,257,348**	**27,677,884**	**414,341**	**163,665**	**1,411**	**47**
Year to Date						
1999	**28,257,348**	**27,677,884**	**414,341**	**163,665**	**1,411**	**47**
1998	**28,189,793**	**27,526,636**	**491,305**	**171,791**	**17**	**44**
1997	**32,132,786**	**31,555,924**	**414,430**	**162,133**	**219**	**80**

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final--see Technical Notes for adjustment methodology. Values for 1997 and prior years are final. •Totals may not equal sum of components because of independent rounding. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 6. Electric Utility Net Generation by NERC Region and Hawaii

(Million Kilowatthours)

NERC Region and Hawaii	January 1999	December 1998	January 1998	Year to Date		
				1999	1998	Difference (percent)
ECAR	47,848	44,537	46,612	47,848	46,612	2.7
ERCOT	17,247	17,775	16,739	17,247	16,739	3.0
MAAC	20,435	19,773	18,780	20,435	18,780	8.8
MAIN	20,048	19,943	17,579	20,048	17,579	14.0
MAPP (U.S.)	14,950	14,630	14,900	14,950	14,900	.3
NPCC (U.S.)	16,331	14,896	16,212	16,331	16,212	.7
SERC	53,372	50,346	52,426	53,372	52,426	1.8
FRCC	12,101	11,890	10,915	12,101	10,915	NM
SPP	25,035	24,506	23,883	25,035	23,883	4.8
WSCC (U.S.)	47,859	47,272	46,366	47,859	46,366	3.2
Contiguous U.S.	**275,225**	**265,568**	**264,412**	**275,225**	**264,412**	**4.1**
ASCC	446	454	537	446	537	–16.9
Hawaii	493	510	486	493	486	1.3
U.S. Total	**276,163**	**266,532**	**265,435**	**276,163**	**265,435**	**4.0**

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •See Glossary for explanation of acronyms. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 7. Electric Utility Net Generation by Census Division and State

(Million Kilowatthours)

Census Division and State	January 1999	December 1998	January 1998	Year to Date		
				1999	1998	Difference (percent)
New England	**5,532**	**5,028**	**6,789**	**5,532**	**6,789**	**–18.5**
Connecticut	1,911	1,390	1,314	1,911	1,314	45.5
Maine	422	289	278	422	278	51.7
Massachusetts	1,382	1,570	3,259	1,382	3,259	–57.6
New Hampshire	1,367	1,329	1,050	1,367	1,050	30.2
Rhode Island	1	1	346	1	346	–99.7
Vermont	448	449	543	448	543	–17.4
Middle Atlantic	**30,130**	**28,483**	**27,162**	**30,130**	**27,162**	**10.9**
New Jersey	3,508	3,239	2,548	3,508	2,548	37.7
New York	10,352	9,815	9,536	10,352	9,536	8.6
Pennsylvania	16,270	15,429	15,079	16,270	15,079	7.9
East North Central	**46,997**	**45,589**	**45,573**	**46,997**	**45,573**	**3.1**
Illinois	12,453	11,996	10,387	12,453	10,387	19.9
Indiana	9,974	9,638	9,479	9,974	9,479	5.2
Michigan	7,345	7,282	7,654	7,345	7,654	–4.0
Ohio	12,749	12,290	13,598	12,749	13,598	–6.2
Wisconsin	4,476	4,383	4,455	4,476	4,455	.5
West North Central	**23,726**	**22,842**	**22,654**	**23,726**	**22,654**	**4.7**
Iowa	3,423	3,179	3,051	3,423	3,051	12.2
Kansas	3,658	3,251	3,400	3,658	3,400	7.6
Minnesota	3,901	3,670	4,057	3,901	4,057	–3.8
Missouri	6,461	6,565	6,003	6,461	6,003	7.6
Nebraska	2,559	2,434	2,511	2,559	2,511	1.9
North Dakota	2,864	2,851	2,775	2,864	2,775	3.2
South Dakota	861	892	857	861	857	.4
South Atlantic	**56,930**	**54,350**	**53,523**	**56,930**	**53,523**	**6.4**
Delaware	572	379	320	572	320	78.7
District of Columbia	1	–1	–1	1	–1	NM
Florida	12,693	12,584	11,509	12,693	11,509	10.3
Georgia	8,431	8,132	8,009	8,431	8,009	5.3
Maryland	4,472	4,148	3,992	4,472	3,992	12.0
North Carolina	8,817	8,750	9,633	8,817	9,633	–8.5
South Carolina	7,711	7,087	6,980	7,711	6,980	10.5
Virginia	5,997	5,486	5,399	5,997	5,399	11.1
West Virginia	8,238	7,785	7,682	8,238	7,682	7.2
East South Central	**28,946**	**26,129**	**28,293**	**28,946**	**28,293**	**2.3**
Alabama	9,958	9,592	9,767	9,958	9,767	2.0
Kentucky	8,227	6,700	7,836	8,227	7,836	5.0
Mississippi	2,367	2,417	2,294	2,367	2,294	3.2
Tennessee	8,394	7,420	8,396	8,394	8,396	*
West South Central	**34,114**	**34,608**	**32,891**	**34,114**	**32,891**	**3.7**
Arkansas	3,331	3,726	3,550	3,331	3,550	–6.2
Louisiana	5,351	4,943	4,611	5,351	4,611	16.0
Oklahoma	3,919	3,821	4,004	3,919	4,004	–2.1
Texas	21,512	22,118	20,725	21,512	20,725	3.8
Mountain	**25,608**	**26,628**	**25,103**	**25,608**	**25,103**	**2.0**
Arizona	6,793	7,444	7,134	6,793	7,134	–4.8
Colorado	3,097	3,022	3,096	3,097	3,096	*
Idaho	1,199	882	914	1,199	914	31.3
Montana	2,459	2,557	2,237	2,459	2,237	9.9
Nevada	2,305	2,638	2,201	2,305	2,201	4.7
New Mexico	2,613	2,872	2,391	2,613	2,391	9.3
Utah	3,262	3,280	3,157	3,262	3,157	3.3
Wyoming	3,879	3,933	3,973	3,879	3,973	–2.4
Pacific Contiguous	**23,251**	**21,912**	**22,427**	**23,251**	**22,427**	**3.7**
California	7,604	8,678	8,938	7,604	8,938	–14.9
Oregon	5,196	4,408	4,389	5,196	4,389	18.4
Washington	10,451	8,826	9,101	10,451	9,101	14.8
Pacific Noncontiguous	**930**	**963**	**1,020**	**930**	**1,020**	**–8.8**
Alaska	444	454	535	444	535	–17.1
Hawaii	486	509	484	486	484	.4
U.S. Total	**276,163**	**266,532**	**265,435**	**276,163**	**265,435**	**4.0**

* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 8. Electric Utility Net Generation from Coal by Census Division and State
(Million Kilowatthours)

Census Division and State	January 1999	December 1998	January 1998	Year to Date				
				Coal Generation			Share of Total (percent)	
				1999	1998	Difference (percent)	1999	1998
New England	**503**	**530**	**1,750**	**503**	**1,750**	**−71.2**	**9.1**	**25.8**
Connecticut	—	33	240	—	240	NM	—	18.3
Maine	—	—	—	—	—	—	—	—
Massachusetts	136	145	1,124	136	1,124	−87.9	9.8	34.5
New Hampshire	367	352	385	367	385	−4.6	26.9	36.7
Rhode Island	—	—	—	—	—	—	—	—
Vermont	—	—	—	—	—	—	—	—
Middle Atlantic	**11,885**	**11,544**	**11,593**	**11,885**	**11,593**	**2.5**	**39.4**	**42.7**
New Jersey	539	604	470	539	470	14.7	15.4	18.4
New York	2,171	2,095	1,890	2,171	1,890	14.9	21.0	19.8
Pennsylvania	9,176	8,845	9,234	9,176	9,234	−.6	56.4	61.2
East North Central	**36,102**	**35,397**	**37,616**	**36,102**	**37,616**	**−4.0**	**76.8**	**82.5**
Illinois	5,753	5,761	6,695	5,753	6,695	−14.1	46.2	64.5
Indiana	9,859	9,526	9,331	9,859	9,331	5.7	98.8	98.4
Michigan	5,768	6,025	6,082	5,768	6,082	−5.2	78.5	79.5
Ohio	11,146	10,644	12,002	11,146	12,002	−7.1	87.4	88.3
Wisconsin	3,576	3,441	3,506	3,576	3,506	2.0	79.9	78.7
West North Central	**18,207**	**17,920**	**17,358**	**18,207**	**17,358**	**4.9**	**76.7**	**76.6**
Iowa	2,939	2,775	2,566	2,939	2,566	14.5	85.8	84.1
Kansas	2,671	2,229	2,478	2,671	2,478	7.8	73.0	72.9
Minnesota	2,624	2,638	2,820	2,624	2,820	−7.0	67.3	69.5
Missouri	5,454	5,543	5,143	5,454	5,143	6.0	84.4	85.7
Nebraska	1,543	1,747	1,457	1,543	1,457	5.9	60.3	58.0
North Dakota	2,643	2,661	2,573	2,643	2,573	2.7	92.3	92.8
South Dakota	333	326	320	333	320	4.1	38.7	37.4
South Atlantic	**31,975**	**30,631**	**31,283**	**31,975**	**31,283**	**2.2**	**56.2**	**58.4**
Delaware	332	231	276	332	276	20.3	58.1	86.3
District of Columbia	—	—	—	—	—	—	—	—
Florida	5,118	5,004	5,788	5,118	5,788	−11.6	40.3	50.3
Georgia	5,159	4,867	4,384	5,159	4,384	17.7	61.2	54.7
Maryland	2,707	2,581	2,389	2,707	2,389	13.3	60.5	59.8
North Carolina	4,939	4,957	5,531	4,939	5,531	−10.7	56.0	57.4
South Carolina	2,668	2,516	2,628	2,668	2,628	1.5	34.6	37.7
Virginia	2,862	2,722	2,674	2,862	2,674	7.0	47.7	49.5
West Virginia	8,189	7,754	7,612	8,189	7,612	7.6	99.4	99.1
East South Central	**19,438**	**17,857**	**18,957**	**19,438**	**18,957**	**2.5**	**67.2**	**67.0**
Alabama	5,695	6,477	5,460	5,695	5,460	4.3	57.2	55.9
Kentucky	7,874	6,418	7,601	7,874	7,601	3.6	95.7	97.0
Mississippi	923	769	949	923	949	−2.8	39.0	41.4
Tennessee	4,947	4,194	4,947	4,947	4,947	*	58.9	58.9
West South Central	**18,144**	**17,776**	**18,701**	**18,144**	**18,701**	**−3.0**	**53.2**	**56.9**
Arkansas	2,334	2,319	2,180	2,334	2,180	7.1	70.1	61.4
Louisiana	1,817	1,693	1,742	1,817	1,742	4.3	34.0	37.8
Oklahoma	2,673	2,135	2,895	2,673	2,895	−7.7	68.2	72.3
Texas	11,319	11,629	11,884	11,319	11,884	−4.8	52.6	57.3
Mountain	**18,345**	**19,175**	**18,187**	**18,345**	**18,187**	**.9**	**71.6**	**72.4**
Arizona	2,973	3,349	3,183	2,973	3,183	−6.6	43.8	44.6
Colorado	2,980	2,892	2,923	2,980	2,923	1.9	96.2	94.4
Idaho	—	—	—	—	—	—	—	—
Montana	1,449	1,575	1,415	1,449	1,415	2.4	58.9	63.2
Nevada	1,619	1,762	1,549	1,619	1,549	4.5	70.2	70.4
New Mexico	2,379	2,601	2,182	2,379	2,182	9.0	91.0	91.3
Utah	3,124	3,132	3,017	3,124	3,017	3.5	95.8	95.6
Wyoming	3,822	3,865	3,917	3,822	3,917	−2.4	98.5	98.6
Pacific Contiguous	**1,023**	**1,321**	**1,185**	**1,023**	**1,185**	**−13.6**	**4.4**	**5.3**
California	—	—	—	—	—	—	—	—
Oregon	358	383	334	358	334	7.2	6.9	7.6
Washington	666	939	851	666	851	−21.7	6.4	9.3
Pacific Noncontiguous	**16**	**16**	**29**	**16**	**29**	**−45.0**	**1.7**	**2.8**
Alaska	16	16	29	16	29	−45.0	3.6	5.4
Hawaii	—	—	—	—	—	—	—	—
U.S. Total	**155,639**	**152,166**	**156,658**	**155,639**	**156,658**	**−.7**	**56.4**	**59.0**

* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 9. Electric Utility Net Generation from Petroleum by Census Division and State
(Million Kilowatthours)

Census Division and State	January 1999	December 1998	January 1998	Year to Date				
				Petroleum Generation			Share of Total (percent)	
				1999	1998	Difference (percent)	1999	1998
New England	**2,249**	**2,184**	**2,602**	**2,249**	**2,602**	**–13.6**	**40.7**	**38.3**
Connecticut	1,061	1,015	895	1,061	895	18.6	55.5	68.1
Maine	288	175	160	288	160	80.1	68.2	57.4
Massachusetts	NM	826	1,357	707	1,357	–47.9	51.1	41.6
New Hampshire	190	165	160	190	160	18.6	13.9	15.2
Rhode Island	1	1	1	1	1	52.1	100.0	.2
Vermont	NM	NM	NM	3	29	–91.1	.6	5.4
Middle Atlantic	**2,253**	**1,831**	**933**	**2,253**	**933**	**141.4**	**7.5**	**3.4**
New Jersey	34	12	6	34	6	507.5	1.0	.2
New York	1,951	1,572	817	1,951	817	138.9	18.8	8.6
Pennsylvania	268	248	111	268	111	142.0	1.6	.7
East North Central	**284**	**149**	**157**	**284**	**157**	**80.8**	**.6**	**.3**
Illinois	34	28	19	34	19	78.2	.3	.2
Indiana	43	46	96	43	96	–54.8	.4	1.0
Michigan	108	31	22	108	22	393.9	1.5	.3
Ohio	44	29	13	44	13	237.5	.3	.1
Wisconsin	55	15	7	55	7	629.1	1.2	.2
West North Central	**131**	**108**	**93**	**131**	**93**	**40.9**	**.6**	**.4**
Iowa	9	NM	NM	9	2	302.0	.3	.1
Kansas	21	20	NM	21	4	484.2	.6	.1
Minnesota	74	67	72	74	72	3.2	1.9	1.8
Missouri	18	13	8	18	8	138.2	.3	.1
Nebraska	2	1	1	2	1	30.5	.1	.1
North Dakota	2	3	6	2	6	–68.5	.1	.2
South Dakota	5	2	*	5	*	NM	.6	*
South Atlantic	**3,733**	**3,330**	**1,506**	**3,733**	**1,506**	**147.8**	**6.6**	**2.8**
Delaware	108	49	26	108	26	321.6	19.0	8.0
District of Columbia	1	–1	–1	1	–1	NM	100.0	100.0
Florida	2,757	2,878	1,400	2,757	1,400	96.9	21.7	12.2
Georgia	80	8	6	80	6	1298.2	1.0	.1
Maryland	279	205	35	279	35	702.0	6.2	.9
North Carolina	62	19	12	62	12	413.6	.7	.1
South Carolina	34	11	6	34	6	508.4	.4	.1
Virginia	395	148	4	395	4	8734.1	6.6	.1
West Virginia	16	13	18	16	18	–12.0	.2	.2
East South Central	**826**	**540**	**383**	**826**	**383**	**115.5**	**2.9**	**1.4**
Alabama	61	31	8	61	8	644.2	.6	.1
Kentucky	11	9	10	11	10	15.0	.1	.1
Mississippi	661	462	362	661	362	82.6	27.9	15.8
Tennessee	93	38	3	93	3	2827.4	1.1	*
West South Central	**133**	**119**	**87**	**133**	**87**	**52.4**	**.4**	**.3**
Arkansas	26	20	3	26	3	764.4	.8	.1
Louisiana	83	64	76	83	76	9.1	1.6	1.7
Oklahoma	*	2	*	*	*	NM	*	*
Texas	24	34	8	24	8	212.8	.1	*
Mountain	**17**	**48**	**15**	**17**	**15**	**11.4**	**.1**	**.1**
Arizona	4	5	3	4	3	24.1	.1	*
Colorado	NM	NM	NM	*	1	NM	*	*
Idaho	—	*	*	—	*	NM	—	*
Montana	2	1	2	2	2	–.8	.1	.1
Nevada	3	28	2	3	2	54.2	.1	.1
New Mexico	3	2	1	3	1	127.4	.1	*
Utah	1	2	2	1	2	–34.6	*	.1
Wyoming	3	4	3	3	3	5.9	.1	.1
Pacific Contiguous	**3**	**72**	**10**	**3**	**10**	**–68.8**	*****	*****
California	NM	24	9	3	9	–67.3	*	.1
Oregon	*	24	1	*	1	NM	*	*
Washington	*	24	*	*	*	NM	*	*
Pacific Noncontiguous	**583**	**596**	**604**	**583**	**604**	**–3.6**	**62.6**	**59.2**
Alaska	97	NM	NM	97	120	–19.0	21.9	22.5
Hawaii	485	507	484	485	484	.3	99.7	99.9
U.S. Total	**10,210**	**8,977**	**6,390**	**10,210**	**6,390**	**59.8**	**3.7**	**2.4**

* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Includes fuel oil Nos. 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 10. Electric Utility Net Generation from Gas by Census Division and State
(Million Kilowatthours)

Census Division and State	January 1999	December 1998	January 1998	Year to Date				
				Gas Generation			Share of Total (percent)	
				1999	1998	Difference (percent)	1999	1998
New England	**15**	**88**	**676**	**15**	**676**	**–97.8**	**0.3**	**10.0**
Connecticut	3	11	110	3	110	–97.6	.1	8.4
Maine	—	—	—	—	—	—	—	—
Massachusetts	12	77	221	12	221	–94.5	.9	6.8
New Hampshire	*	*	—	*	—	—	*	—
Rhode Island	—	—	345	—	345	—	—	99.8
Vermont	—	—	—	—	—	NM	—	—
Middle Atlantic	**862**	**1,157**	**1,637**	**862**	**1,637**	**–47.3**	**2.9**	**6.0**
New Jersey	95	70	40	95	40	135.7	2.7	1.6
New York	746	1,059	1,578	746	1,578	–52.7	7.2	16.6
Pennsylvania	22	28	18	22	18	18.7	.1	.1
East North Central	**450**	**326**	**410**	**450**	**410**	**9.8**	**1.0**	**.9**
Illinois	159	82	300	159	300	–47.0	1.3	2.9
Indiana	43	19	10	43	10	345.9	.4	.1
Michigan	184	148	61	184	61	200.5	2.5	.8
Ohio	24	22	7	24	7	227.5	.2	.1
Wisconsin	40	55	32	40	32	27.1	.9	.7
West North Central	**174**	**195**	**70**	**174**	**70**	**147.5**	**.7**	**.3**
Iowa	10	10	16	10	16	–37.5	.3	.5
Kansas	NM	115	NM	89	29	211.8	2.4	.8
Minnesota	21	NM	NM	21	8	178.4	.5	.2
Missouri	NM	42	11	43	11	295.1	.7	.2
Nebraska	3	8	3	3	3	–6.6	.1	.1
North Dakota	*	*	*	*	*	NM	*	*
South Dakota	8	13	4	8	4	80.6	.9	.5
South Atlantic	**2,235**	**2,337**	**2,428**	**2,235**	**2,428**	**–8.0**	**3.9**	**4.5**
Delaware	131	99	18	131	18	629.7	22.9	5.6
District of Columbia	—	—	—	—	—	—	—	—
Florida	1,870	2,083	2,291	1,870	2,291	–18.4	14.7	19.9
Georgia	1	20	7	1	7	–80.8	*	.1
Maryland	43	47	15	43	15	191.2	1.0	.4
North Carolina	2	2	*	2	*	NM	*	*
South Carolina	1	2	1	1	1	–33.0	*	*
Virginia	183	81	93	183	93	96.4	3.1	1.7
West Virginia	3	2	2	3	2	29.8	*	*
East South Central	**491**	**336**	**188**	**491**	**188**	**160.8**	**1.7**	**.7**
Alabama	62	84	33	62	33	91.6	.6	.3
Kentucky	37	12	7	37	7	407.5	.5	.1
Mississippi	392	240	148	392	148	163.8	16.5	6.5
Tennessee	—	—	—	—	—	—	—	—
West South Central	**9,768**	**10,004**	**7,112**	**9,768**	**7,112**	**37.3**	**28.6**	**21.6**
Arkansas	52	33	19	52	19	169.8	1.6	.5
Louisiana	1,991	1,757	1,262	1,991	1,262	57.7	37.2	27.4
Oklahoma	1,061	1,327	619	1,061	619	71.3	27.1	15.5
Texas	6,664	6,887	5,211	6,664	5,211	27.9	31.0	25.1
Mountain	**1,009**	**1,263**	**668**	**1,009**	**668**	**51.1**	**3.9**	**2.7**
Arizona	223	341	76	223	76	191.7	3.3	1.1
Colorado	36	53	30	36	30	21.7	1.2	1.0
Idaho	—	—	—	—	—	—	—	—
Montana	4	3	*	4	*	NM	.2	*
Nevada	491	557	361	491	361	35.9	21.3	16.4
New Mexico	231	270	191	231	191	20.7	8.8	8.0
Utah	NM	NM	NM	23	8	176.7	.7	.3
Wyoming	1	*	1	1	1	18.8	*	*
Pacific Contiguous	**2,079**	**2,200**	**2,886**	**2,079**	**2,886**	**–28.0**	**8.9**	**12.9**
California	1,890	1,775	2,643	1,890	2,643	–28.5	24.9	29.6
Oregon	186	369	199	186	199	–6.6	3.6	4.5
Washington	2	56	43	2	43	–94.5	*	.5
Pacific Noncontiguous	**264**	**270**	**278**	**264**	**278**	**–5.0**	**28.4**	**27.2**
Alaska	264	270	278	264	278	–5.0	59.4	51.9
Hawaii	—	—	—	—	—	—	—	—
U.S. Total	**17,345**	**18,175**	**16,352**	**17,345**	**16,352**	**6.1**	**6.3**	**6.2**

* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 11. Electric Utility Hydroelectric Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	January 1999	December 1998	January 1998	Year to Date				
				Hydroelectric Generation			Share of Total (percent)	
				1999	1998	Difference (percent)	1999	1998
New England	**282**	**233**	**447**	**282**	**447**	**–37.0**	**5.1**	**6.6**
Connecticut	44	20	49	44	49	–11.6	2.3	3.8
Maine	134	114	118	134	118	13.4	31.8	42.6
Massachusetts	33	33	66	33	66	–49.5	2.4	2.0
New Hampshire	30	27	116	30	116	–73.9	2.2	11.0
Rhode Island	—	—	—	—	—	—	—	—
Vermont	40	NM	98	40	98	–59.0	9.0	18.1
Middle Atlantic	**1,844**	**2,037**	**2,628**	**1,844**	**2,628**	**–29.8**	**6.1**	**9.7**
New Jersey	–12	–13	–12	–12	–12	NM	–.3	–.5
New York	1,751	2,039	2,401	1,751	2,401	–27.1	16.9	25.2
Pennsylvania	106	10	239	106	239	–55.7	.6	1.6
East North Central	**156**	**204**	**286**	**156**	**286**	**–45.4**	**.3**	**.6**
Illinois	2	5	5	2	5	–62.7	*	*
Indiana	30	47	43	30	43	–30.3	.3	.5
Michigan	27	16	74	27	74	–64.1	.4	1.0
Ohio	24	44	28	24	28	–16.3	.2	.2
Wisconsin	NM	92	136	74	136	–45.4	1.7	3.1
West North Central	**1,045**	**1,144**	**1,139**	**1,045**	**1,139**	**–8.2**	**4.4**	**5.0**
Iowa	75	75	70	75	70	7.1	2.2	2.3
Kansas	—	—	—	—	—	—	—	—
Minnesota	47	77	NM	47	37	27.0	1.2	.9
Missouri	77	131	186	77	186	–58.6	1.2	3.1
Nebraska	113	123	118	113	118	–4.5	4.4	4.7
North Dakota	219	187	195	219	195	12.1	7.6	7.0
South Dakota	515	551	532	515	532	–3.4	59.8	62.1
South Atlantic	**936**	**520**	**2,042**	**936**	**2,042**	**–54.2**	**1.6**	**3.8**
Delaware	—	—	—	—	—	—	—	—
District of Columbia	—	—	—	—	—	—	—	—
Florida	20	15	15	20	15	28.7	.2	.1
Georgia	254	218	645	254	645	–60.7	3.0	8.1
Maryland	147	28	260	147	260	–43.6	3.3	6.5
North Carolina	309	188	509	309	509	–39.3	3.5	5.3
South Carolina	195	94	501	195	501	–61.1	2.5	7.2
Virginia	–19	–39	62	–19	62	NM	–.3	1.1
West Virginia	30	16	50	30	50	–39.9	.4	.6
East South Central	**2,412**	**1,586**	**2,551**	**2,412**	**2,551**	**–5.4**	**8.3**	**9.0**
Alabama	1,242	708	1,456	1,242	1,456	–14.7	12.5	14.9
Kentucky	304	262	218	304	218	39.2	3.7	2.8
Mississippi	—	—	—	—	—	—	—	—
Tennessee	865	616	876	865	876	–1.2	10.3	10.4
West South Central	**565**	**685**	**865**	**565**	**865**	**–34.8**	**1.7**	**2.6**
Arkansas	269	238	219	269	219	22.4	8.1	6.2
Louisiana	—	—	—	—	—	—	—	—
Oklahoma	185	357	489	185	489	–62.2	4.7	12.2
Texas	111	90	157	111	157	–29.2	.5	.8
Mountain	**3,415**	**3,318**	**3,407**	**3,415**	**3,407**	**.2**	**13.3**	**13.6**
Arizona	784	939	1,060	784	1,060	–26.0	11.5	14.9
Colorado	80	70	142	80	142	–43.4	2.6	4.6
Idaho	1,199	882	914	1,199	914	31.3	100.0	100.0
Montana	1,004	978	820	1,004	820	22.4	40.8	36.7
Nevada	192	291	288	192	288	–33.3	8.3	13.1
New Mexico	1	—	17	1	17	–94.0	*	.7
Utah	101	93	NM	101	114	–11.2	3.1	3.6
Wyoming	53	65	52	53	52	.7	1.4	1.3
Pacific Contiguous	**16,408**	**14,254**	**14,009**	**16,408**	**14,009**	**17.1**	**70.6**	**62.5**
California	2,822	3,671	2,817	2,822	2,817	.2	37.1	31.5
Oregon	4,652	3,633	3,855	4,652	3,855	20.7	89.5	87.8
Washington	8,934	6,950	7,337	8,934	7,337	21.8	85.5	80.6
Pacific Noncontiguous	**68**	**81**	**109**	**68**	**109**	**–37.5**	**7.3**	**10.7**
Alaska	NM	NM	NM	67	108	–38.4	15.1	20.3
Hawaii	1	2	1	1	1	102.7	.3	.1
U.S. Total	**27,130**	**24,062**	**27,482**	**27,130**	**27,482**	**–1.3**	**9.8**	**10.4**

* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Pumping energy used at pumped storage plants for January 1999 was 2,131 million kilowatthours. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 12. Electric Utility Nuclear-Powered Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	January 1999	December 1998	January 1998	Year to Date				
				Nuclear Generation			Share of Total (percent)	
				1999	1998	Difference (percent)	1999	1998
New England	**2,427**	**1,936**	**1,254**	**2,427**	**1,254**	**93.6**	**43.9**	**18.5**
Connecticut	769	268	−12	769	−12	NM	40.2	−.9
Maine	—	—	—	—	—	—	—	—
Massachusetts	494	489	490	494	490	.8	35.8	15.0
New Hampshire	779	786	389	779	389	100.3	57.0	37.1
Rhode Island	—	—	—	—	—	—	—	—
Vermont	385	393	386	385	386	−.5	85.8	71.2
Middle Atlantic	**13,285**	**11,914**	**10,371**	**13,285**	**10,371**	**28.1**	**44.1**	**38.2**
New Jersey	2,854	2,566	2,044	2,854	2,044	39.6	81.3	80.3
New York	3,733	3,050	2,850	3,733	2,850	31.0	36.1	29.9
Pennsylvania	6,699	6,298	5,477	6,699	5,477	22.3	41.2	36.3
East North Central	**9,978**	**9,475**	**7,069**	**9,978**	**7,069**	**41.2**	**21.2**	**15.5**
Illinois	6,505	6,121	3,369	6,505	3,369	93.1	52.2	32.4
Indiana	—	—	—	—	—	—	—	—
Michigan	1,258	1,061	1,415	1,258	1,415	−11.1	17.1	18.5
Ohio	1,512	1,551	1,548	1,512	1,548	−2.3	11.9	11.4
Wisconsin	702	743	737	702	737	−4.7	15.7	16.5
West North Central	**4,136**	**3,410**	**3,959**	**4,136**	**3,959**	**4.5**	**17.4**	**17.5**
Iowa	389	315	396	389	396	−1.9	11.4	13.0
Kansas	877	887	890	877	890	−1.4	24.0	26.2
Minnesota	1,104	842	1,089	1,104	1,089	1.4	28.3	26.9
Missouri	869	810	653	869	653	33.1	13.4	10.9
Nebraska	897	556	931	897	931	−3.6	35.1	37.1
North Dakota	—	—	—	—	—	—	—	—
South Dakota	—	—	—	—	—	—	—	—
South Atlantic	**18,053**	**17,533**	**16,264**	**18,053**	**16,264**	**11.0**	**31.7**	**30.4**
Delaware	—	—	—	—	—	—	—	—
District of Columbia	—	—	—	—	—	—	—	—
Florida	2,928	2,605	2,014	2,928	2,014	45.4	23.1	17.5
Georgia	2,937	3,019	2,967	2,937	2,967	−1.0	34.8	37.0
Maryland	1,297	1,287	1,294	1,297	1,294	.2	29.0	32.4
North Carolina	3,504	3,584	3,581	3,504	3,581	−2.2	39.7	37.2
South Carolina	4,813	4,465	3,843	4,813	3,843	25.2	62.4	55.1
Virginia	2,575	2,574	2,565	2,575	2,565	.4	42.9	47.5
West Virginia	—	—	—	—	—	—	—	—
East South Central	**5,779**	**5,809**	**6,214**	**5,779**	**6,214**	**−7.0**	**20.0**	**22.0**
Alabama	2,898	2,292	2,810	2,898	2,810	3.1	29.1	28.8
Kentucky	—	—	—	—	—	—	—	—
Mississippi	392	946	834	392	834	−53.0	16.6	36.4
Tennessee	2,489	2,572	2,569	2,489	2,569	−3.1	29.7	30.6
West South Central	**5,504**	**6,024**	**6,125**	**5,504**	**6,125**	**−10.1**	**16.1**	**18.6**
Arkansas	651	1,115	1,129	651	1,129	−42.4	19.5	31.8
Louisiana	1,459	1,430	1,531	1,459	1,531	−4.7	27.3	33.2
Oklahoma	—	—	—	—	—	—	—	—
Texas	3,394	3,478	3,465	3,394	3,465	−2.0	15.8	16.7
Mountain	**2,810**	**2,810**	**2,811**	**2,810**	**2,811**	*****	**11.0**	**11.2**
Arizona	2,810	2,810	2,811	2,810	2,811	*	41.4	39.4
Colorado	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Montana	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
New Mexico	—	—	—	—	—	—	—	—
Utah	—	—	—	—	—	—	—	—
Wyoming	—	—	—	—	—	—	—	—
Pacific Contiguous	**3,289**	**3,585**	**3,823**	**3,289**	**3,823**	**−14.0**	**14.1**	**17.0**
California	2,470	2,759	2,983	2,470	2,983	−17.2	32.5	33.4
Oregon	—	—	—	—	—	—	—	—
Washington	819	826	840	819	840	−2.5	7.8	9.2
Pacific Noncontiguous	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Alaska	—	—	—	—	—	—	—	—
Hawaii	—	—	—	—	—	—	—	—
U.S. Total	**65,261**	**62,497**	**57,889**	**65,261**	**57,889**	**12.7**	**23.6**	**21.8**

* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 13. Electric Utility Net Generation from Other Energy Sources by Census Division and State
(Million Kilowatthours)

Census Division and State	January 1999	December 1998	January 1998	Year to Date				
				Other Generation			Share of Total (percent)	
				1999	1998	Difference (percent)	1999	1998
New England	**56**	**58**	**60**	**56**	**60**	**–7.1**	**1.0**	**0.9**
Connecticut	35	43	31	35	31	12.0	1.8	2.4
Maine	*	—	—	*	—	NM	*	—
Massachusetts	—	—	—	—	—	—	—	—
New Hampshire	—	—	—	—	—	—	—	—
Rhode Island	—	—	—	—	—	—	—	—
Vermont	21	15	29	21	29	–27.7	4.7	5.4
Middle Atlantic	*****	**—**	*****	*****	*****	**NM**	*****	*****
New Jersey	—	—	—	—	—	—	—	—
New York	*	—	*	*	*	NM	*	*
Pennsylvania	—	—	—	—	—	—	—	—
East North Central	**28**	**37**	**36**	**28**	**36**	**–23.1**	**.1**	**.1**
Illinois	—	—	—	—	—	—	—	—
Indiana	—	—	—	—	—	—	—	—
Michigan	—	—	—	—	—	—	—	—
Ohio	—	—	—	—	—	—	—	—
Wisconsin	28	37	36	28	36	–23.1	.6	.8
West North Central	**33**	**65**	**36**	**33**	**36**	**–7.4**	**.1**	**.2**
Iowa	1	1	1	1	1	.6	*	*
Kansas	—	—	—	—	—	—	—	—
Minnesota	31	39	32	31	32	–1.4	.8	.8
Missouri	1	25	3	1	3	–69.0	*	.1
Nebraska	—	*	—	—	—	—	—	—
North Dakota	—	—	—	—	—	—	—	—
South Dakota	—	—	—	—	—	—	—	—
South Atlantic	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Delaware	—	—	—	—	—	—	—	—
District of Columbia	—	—	—	—	—	—	—	—
Florida	—	—	—	—	—	—	—	—
Georgia	—	—	—	—	—	—	—	—
Maryland	—	—	—	—	—	—	—	—
North Carolina	—	—	—	—	—	—	—	—
South Carolina	—	—	—	—	—	—	—	—
Virginia	—	—	—	—	—	—	—	—
West Virginia	—	—	—	—	—	—	—	—
East South Central	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Alabama	—	—	—	—	—	—	—	—
Kentucky	—	—	—	—	—	—	—	—
Mississippi	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
West South Central	*****	*****	*****	*****	*****	**NM**	*****	*****
Arkansas	—	—	—	—	—	—	—	—
Louisiana	—	—	—	—	—	—	—	—
Oklahoma	—	—	—	—	—	—	—	—
Texas	*	*	*	*	*	NM	*	*
Mountain	**13**	**14**	**16**	**13**	**16**	**–19.4**	*****	**.1**
Arizona	—	—	—	—	—	—	—	—
Colorado	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Montana	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—
New Mexico	—	—	—	—	—	—	—	—
Utah	13	14	16	13	16	–19.4	.4	.5
Wyoming	—	—	—	—	—	—	—	—
Pacific Contiguous	**449**	**480**	**515**	**449**	**515**	**–12.7**	**1.9**	**2.3**
California	419	449	485	419	485	–13.5	5.5	5.4
Oregon	—	—	—	—	—	—	—	—
Washington	30	31	30	30	30	1.2	.3	.3
Pacific Noncontiguous	**—**	*****	**—**	**—**	**—**	**—**	**—**	**—**
Alaska	—	—	—	—	—	—	—	—
Hawaii	—	*	—	—	—	—	—	—
U.S. Total	**579**	**655**	**663**	**579**	**663**	**–12.6**	**.2**	**.2**

* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Other energy sources include geothermal, wood, wind, waste, and solar. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

U.S. Electric Utility Consumption of Fossil Fuels

Table 14. U.S. Electric Utility Consumption of Fossil Fuels, 1989 Through January 1999

Period	Coal (thousand short tons)				Petroleum (thousand barrels)			Petroleum Coke (thousand short tons)	Gas (thousand Mcf)
	Anthracite[1]	Bituminous[2]	Lignite	Total	Light	Heavy	Total		
1989	**1,049**	**688,504**	**77,335**	**766,888**	**25,491**	**241,960**	**267,451**	**517**	**2,787,012**
1990	**1,031**	**694,317**	**78,201**	**773,549**	**14,823**	**181,231**	**196,054**	**819**	**2,787,332**
1991	**994**	**691,275**	**79,999**	**772,268**	**13,729**	**171,157**	**184,886**	**722**	**2,789,014**
1992	**986**	**698,626**	**80,248**	**779,860**	**11,556**	**135,779**	**147,335**	**999**	**2,765,608**
1993	**951**	**732,736**	**79,821**	**813,508**	**13,168**	**149,287**	**162,454**	**1220**	**2,682,440**
1994	**1,123**	**737,102**	**79,045**	**817,270**	**16,338**	**134,666**	**151,004**	**875**	**2,987,146**
1995	**978**	**749,951**	**78,078**	**829,007**	**15,565**	**86,584**	**102,150**	**761**	**3,196,507**
1996	**1,009**	**795,252**	**78,421**	**874,681**	**16,892**	**96,382**	**113,274**	**681**	**2,732,107**
1997									
January	97	74,109	7,082	81,288	1,708	11,944	13,652	56	139,036
February	86	61,786	6,204	68,076	861	6,282	7,143	55	143,185
March	89	63,573	5,728	69,389	852	6,050	6,902	35	189,590
April	93	60,372	4,831	65,296	1,060	5,121	6,181	103	193,416
May	72	62,201	6,129	68,402	967	6,124	7,091	135	231,548
June	75	67,036	6,852	73,963	1,397	9,707	11,104	144	297,424
July	91	77,514	7,122	84,727	2,605	12,502	15,107	144	429,286
August	82	75,403	7,146	82,631	1,372	10,808	12,180	160	391,090
September	85	69,710	6,537	76,332	1,053	11,005	12,058	161	332,781
October	88	69,729	6,415	76,232	1,118	10,237	11,354	140	244,394
November	67	66,904	6,392	73,362	1,053	9,647	10,700	135	179,723
December	89	73,486	7,086	80,661	1,110	10,564	11,674	132	196,980
Total	**1,013**	**821,823**	**77,524**	**900,361**	**15,157**	**109,989**	**125,146**	**1400**	**2,968,453**
1998									
January	84	72,384	7,051	79,520	1,062	9,014	10,076	156	171,149
February	75	63,061	5,960	69,097	831	8,185	9,016	122	133,757
March	84	65,942	5,791	71,817	1,215	12,707	13,921	125	194,258
April	75	61,064	5,335	66,474	994	9,688	10,682	141	190,201
May	83	66,544	6,240	72,867	2,046	13,363	15,409	146	290,368
June	74	72,397	6,545	79,016	3,183	16,802	19,984	167	378,607
July	70	79,798	7,321	87,189	3,448	19,254	22,702	176	449,354
August	58	79,823	7,183	87,064	3,189	18,754	21,943	165	456,960
September	52	71,635	6,391	78,078	2,670	14,621	17,292	156	381,075
October	74	66,548	6,785	73,407	1,005	10,627	11,632	144	246,171
November	75	63,204	6,173	69,452	1,019	10,628	11,647	141	177,596
December	61	69,695	7,131	76,887	1,380	12,930	14,310	130	188,557
Total	**867**	**832,094**	**77,906**	**910,867**	**22,041**	**156,573**	**178,614**	**1769**	**3,258,054**
1999									
January	58	71,891	6,842	78,792	2,411	14,327	16,739	130	178,906
Total	**58**	**71,891**	**6,842**	**78,792**	**2,411**	**14,327**	**16,739**	**130**	**178,906**
Year to Date									
1999	**58**	**71,891**	**6,842**	**78,792**	**2,411**	**14,327**	**16,739**	**130**	**178,906**
1998	**84**	**72,384**	**7,051**	**79,520**	**1,062**	**9,014**	**10,076**	**156**	**171,149**
1997	**97**	**74,109**	**7,082**	**81,288**	**1,708**	**11,944**	**13,652**	**56**	**139,036**

1 Includes anthracite silt stored off-site.
2 Includes subbituminous coal.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final--see Technical Notes for adjustment methodology. Values for 1997 and prior years are final. •Totals may not equal sum of components because of independent rounding. •Mcf=thousand cubic feet. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report,'' and predecessor forms.

Table 15. Electric Utility Consumption of Coal by NERC Region and Hawaii

(Thousand Short Tons)

NERC Region and Hawaii	January 1999	December 1998	January 1998	Year to Date		
				1999	1998	Difference (percent)
ECAR	19,155	17,830	18,962	19,155	18,962	1.0
ERCOT	6,591	6,745	6,803	6,591	6,803	–3.1
MAAC	3,755	3,932	3,763	3,755	3,763	–.2
MAIN	6,532	6,737	6,804	6,532	6,804	–4.0
MAPP (U.S.)	7,594	7,813	7,585	7,594	7,585	.1
NPCC (U.S.)	1,306	1,066	1,404	1,306	1,404	–7.0
SERC	12,653	12,045	12,690	12,653	12,690	–.3
FRCC	1,875	1,783	2,173	1,875	2,173	NM
SPP	9,274	8,549	9,454	9,274	9,454	–1.9
WSCC (U.S.)	10,043	10,374	9,854	10,043	9,854	1.9
Contiguous U.S.	**78,777**	**76,873**	**79,491**	**78,777**	**79,491**	**–.9**
ASCC	14	14	29	14	29	–51.2
Hawaii	—	—	—	—	—	—
U.S. Total	**78,792**	**76,887**	**79,520**	**78,792**	**79,520**	**–.9**

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. •See Glossary for explanation of acronyms. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 16. Electric Utility Consumption of Petroleum by NERC Region and Hawaii

(Thousand Barrels)

NERC Region and Hawaii	January 1999	December 1998	January 1998	Year to Date		
				1999	1998	Difference (percent)
ECAR	439	203	173	439	173	153.8
ERCOT	43	61	16	43	16	166.1
MAAC	1,228	945	274	1,228	274	348.0
MAIN	179	68	54	179	54	229.7
MAPP (U.S.)	81	34	35	81	35	129.9
NPCC (U.S.)	6,896	6,154	5,669	6,896	5,669	21.6
SERC	1,311	441	93	1,311	93	1307.8
FRCC	4,231	4,237	1,944	4,231	1,944	NM
SPP	1,264	895	728	1,264	728	73.5
WSCC (U.S.)	37	239	48	37	48	–23.6
Contiguous U.S.	**15,709**	**13,277**	**9,035**	**15,709**	**9,035**	**73.9**
ASCC	174	151	193	174	193	–9.7
Hawaii	855	882	847	855	847	.9
U.S. Total	**16,739**	**14,310**	**10,076**	**16,739**	**10,076**	**66.1**

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •See Glossary for explanation of acronyms. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 17. Electric Utility Consumption of Gas by NERC Region and Hawaii

(Million Cubic Feet)

NERC Region and Hawaii	January 1999	December 1998	January 1998	Year to Date		
				1999	1998	Difference (percent)
ECAR	4,879	4,231	3,588	4,879	3,588	36.0
ERCOT	50,522	54,825	42,927	50,522	42,927	17.7
MAAC	2,806	2,547	1,182	2,806	1,182	137.3
MAIN	3,023	2,190	4,295	3,023	4,295	–29.6
MAPP (U.S.)	887	647	605	887	605	46.7
NPCC (U.S.)	8,249	11,764	22,790	8,249	22,790	–63.8
SERC	5,993	5,438	4,431	5,993	4,431	35.3
FRCC	15,348	17,655	19,072	15,348	19,072	NM
SPP	52,956	51,364	32,668	52,956	32,668	62.1
WSCC (U.S.)	31,508	34,937	36,728	31,508	36,728	–14.2
Contiguous U.S.	**176,171**	**185,599**	**168,286**	**176,171**	**168,286**	**4.7**
ASCC	2,735	2,959	2,863	2,735	2,863	–4.5
Hawaii	—	—	—	—	—	—
U.S. Total	**178,906**	**188,557**	**171,149**	**178,906**	**171,149**	**4.5**

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •See Glossary for explanation of acronyms. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 18. Electric Utility Consumption of Coal by Census Division and State

(Thousand Short Tons)

Census Division and State	January 1999	December 1998	January 1998	Year to Date		
				1999	1998	Difference (percent)
New England	**203**	**210**	**690**	**203**	**690**	**–70.6**
Connecticut	—	13	94	—	94	NM
Maine	—	—	—	—	—	—
Massachusetts	56	55	438	56	438	–87.2
New Hampshire	147	142	159	147	159	–7.5
Rhode Island	—	—	—	—	—	—
Vermont	—	—	—	—	—	—
Middle Atlantic	**4,793**	**4,634**	**4,687**	**4,793**	**4,687**	**2.2**
New Jersey	208	242	205	208	205	1.7
New York	884	830	765	884	765	15.5
Pennsylvania	3,701	3,562	3,718	3,701	3,718	–.5
East North Central	**17,602**	**17,286**	**18,317**	**17,602**	**18,317**	**–3.9**
Illinois	3,153	3,141	3,588	3,153	3,588	–12.1
Indiana	4,808	4,716	4,594	4,808	4,594	4.7
Michigan	2,767	2,945	2,994	2,767	2,994	–7.6
Ohio	4,787	4,473	5,094	4,787	5,094	–6.0
Wisconsin	2,087	2,012	2,048	2,087	2,048	1.9
West North Central	**11,768**	**11,589**	**11,261**	**11,768**	**11,261**	**4.5**
Iowa	1,842	1,733	1,618	1,842	1,618	13.8
Kansas	1,678	1,404	1,588	1,678	1,588	5.7
Minnesota	1,560	1,567	1,666	1,560	1,666	–6.4
Missouri	3,255	3,305	3,025	3,255	3,025	7.6
Nebraska	968	1,079	933	968	933	3.8
North Dakota	2,264	2,313	2,237	2,264	2,237	1.2
South Dakota	201	190	193	201	193	4.1
South Atlantic	**12,753**	**12,155**	**12,807**	**12,753**	**12,807**	**–.4**
Delaware	147	105	118	147	118	24.6
District of Columbia	—	—	—	—	—	—
Florida	2,148	2,080	2,438	2,148	2,438	–11.9
Georgia	2,123	2,121	2,120	2,123	2,120	.2
Maryland	1,017	939	933	1,017	933	9.0
North Carolina	1,904	1,913	2,138	1,904	2,138	–10.9
South Carolina	1,053	890	1,071	1,053	1,071	–1.7
Virginia	1,108	1,043	1,043	1,108	1,043	6.2
West Virginia	3,253	3,066	2,946	3,253	2,946	10.4
East South Central	**8,726**	**7,667**	**8,304**	**8,726**	**8,304**	**5.1**
Alabama	2,533	2,808	2,441	2,533	2,441	3.8
Kentucky	3,685	2,771	3,290	3,685	3,290	12.0
Mississippi	454	332	480	454	480	–5.5
Tennessee	2,055	1,756	2,093	2,055	2,093	–1.8
West South Central	**12,344**	**12,216**	**12,849**	**12,344**	**12,849**	**–3.9**
Arkansas	1,388	1,386	1,336	1,388	1,336	3.9
Louisiana	1,219	1,150	1,173	1,219	1,173	3.9
Oklahoma	1,615	1,310	1,782	1,615	1,782	–9.4
Texas	8,122	8,370	8,558	8,122	8,558	–5.1
Mountain	**9,946**	**10,267**	**9,856**	**9,946**	**9,856**	**.9**
Arizona	1,509	1,695	1,577	1,509	1,577	–4.3
Colorado	1,607	1,561	1,575	1,607	1,575	2.1
Idaho	—	—	—	—	—	—
Montana	933	1,038	901	933	901	3.6
Nevada	742	797	709	742	709	4.7
New Mexico	1,369	1,478	1,270	1,369	1,270	7.8
Utah	1,403	1,305	1,363	1,403	1,363	2.9
Wyoming	2,382	2,393	2,461	2,382	2,461	–3.2
Pacific Contiguous	**643**	**848**	**720**	**643**	**720**	**–10.7**
California	—	—	—	—	—	—
Oregon	209	233	150	209	150	39.0
Washington	434	615	570	434	570	–23.8
Pacific Noncontiguous	**14**	**14**	**29**	**14**	**29**	**–51.2**
Alaska	14	14	29	14	29	–51.2
Hawaii	—	—	—	—	—	—
U.S. Total	**78,792**	**76,887**	**79,520**	**78,792**	**79,520**	**–.9**

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 19. Electric Utility Consumption of Petroleum by Census Division and State
(Thousand Barrels)

Census Division and State	January 1999	December 1998	January 1998	Year to Date		
				1999	1998	Difference (percent)
New England	**3,621**	**3,537**	**4,294**	**3,621**	**4,294**	**–15.7**
Connecticut	1,798	1,700	1,533	1,798	1,533	17.3
Maine	493	295	257	493	257	91.7
Massachusetts	NM	1,265	2,157	992	2,157	–54.0
New Hampshire	328	271	270	328	270	21.8
Rhode Island	2	2	2	2	2	4.3
Vermont	NM	NM	NM	8	75	–89.7
Middle Atlantic	**3,812**	**3,104**	**1,518**	**3,812**	**1,518**	**151.2**
New Jersey	87	37	22	87	22	301.3
New York	3,307	2,618	1,378	3,307	1,378	140.0
Pennsylvania	417	449	118	417	118	253.5
East North Central	**565**	**228**	**168**	**565**	**168**	**235.7**
Illinois	71	57	38	71	38	84.8
Indiana	59	35	36	59	36	65.6
Michigan	226	68	61	226	61	272.7
Ohio	100	55	25	100	25	302.2
Wisconsin	109	13	9	109	9	1117.0
West North Central	**146**	**94**	**56**	**146**	**56**	**160.6**
Iowa	26	6	NM	26	8	249.1
Kansas	47	39	NM	47	10	389.5
Minnesota	10	8	6	10	6	58.9
Missouri	45	29	17	45	17	163.1
Nebraska	5	3	3	5	3	40.6
North Dakota	4	5	11	4	11	–66.2
South Dakota	10	4	2	10	2	561.1
South Atlantic	**5,998**	**5,035**	**2,178**	**5,998**	**2,178**	**175.4**
Delaware	196	87	50	196	50	294.3
District of Columbia	6	1	2	6	2	163.9
Florida	4,217	4,237	1,944	4,217	1,944	116.9
Georgia	173	19	14	173	14	1166.3
Maryland	526	376	85	526	85	517.3
North Carolina	129	37	28	129	28	366.7
South Carolina	79	22	15	79	15	428.3
Virginia	646	234	9	646	9	6761.2
West Virginia	27	22	31	27	31	–12.5
East South Central	**1,296**	**850**	**638**	**1,296**	**638**	**103.1**
Alabama	107	57	15	107	15	628.5
Kentucky	23	19	22	23	22	3.4
Mississippi	998	707	596	998	596	67.4
Tennessee	169	66	6	169	6	2803.2
West South Central	**232**	**190**	**133**	**232**	**133**	**74.2**
Arkansas	44	32	5	44	5	721.9
Louisiana	141	89	110	141	110	27.5
Oklahoma	*	4	1	*	1	NM
Texas	46	65	17	46	17	178.3
Mountain	**33**	**95**	**30**	**33**	**30**	**9.7**
Arizona	6	9	5	6	5	20.5
Colorado	2	14	4	2	4	–57.5
Idaho	—	*	*	—	*	NM
Montana	5	1	5	5	5	–13.8
Nevada	7	57	4	7	4	72.7
New Mexico	5	4	2	5	2	116.5
Utah	NM	4	4	3	4	–35.7
Wyoming	7	7	6	7	6	10.3
Pacific Contiguous	**7**	**144**	**20**	**7**	**20**	**–65.4**
California	7	53	18	7	18	–62.9
Oregon	*	38	1	*	1	NM
Washington	*	53	1	*	1	NM
Pacific Noncontiguous	**1,027**	**1,033**	**1,039**	**1,027**	**1,039**	**–1.2**
Alaska	174	NM	NM	174	193	–9.8
Hawaii	853	882	846	853	846	.8
U.S. Total	**16,739**	**14,310**	**10,076**	**16,739**	**10,076**	**66.1**

* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Data do not include petroleum coke. •The January 1999 petroleum coke consumption was 130,3 short tons. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 20. Electric Utility Consumption of Gas by Census Division and State
(Million Cubic Feet)

Census Division and State	January 1999	December 1998	January 1998	Year to Date		
				1999	1998	Difference (percent)
New England	**186**	**852**	**6,047**	**186**	**6,047**	**–96.9**
Connecticut	29	123	1,135	29	1,135	–97.5
Maine	—	—	—	—	—	—
Massachusetts	120	725	2,235	120	2,235	–94.6
New Hampshire	32	*	—	32	—	—
Rhode Island	—	—	2,612	—	2,612	—
Vermont	5	4	65	5	65	–92.1
Middle Atlantic	**9,326**	**12,060**	**17,476**	**9,326**	**17,476**	**–46.6**
New Jersey	1,022	792	528	1,022	528	93.7
New York	8,043	10,911	16,724	8,043	16,724	–51.9
Pennsylvania	261	357	225	261	225	15.8
East North Central	**7,397**	**6,236**	**7,841**	**7,397**	**7,841**	**–5.7**
Illinois	2,471	1,469	3,977	2,471	3,977	–37.9
Indiana	517	237	115	517	115	350.5
Michigan	3,547	3,449	3,218	3,547	3,218	10.2
Ohio	312	351	114	312	114	174.1
Wisconsin	550	730	418	550	418	31.8
West North Central	**2,330**	**2,751**	**1,130**	**2,330**	**1,130**	**106.2**
Iowa	NM	144	255	145	255	–43.1
Kansas	NM	1,679	NM	1,184	521	127.3
Minnesota	NM	120	118	294	118	149.2
Missouri	NM	515	137	542	137	296.1
Nebraska	40	106	36	40	36	11.1
North Dakota	—	—	—	—	—	NM
South Dakota	125	189	63	125	63	96.4
South Atlantic	**18,757**	**20,196**	**20,538**	**18,757**	**20,538**	**–8.7**
Delaware	1,132	911	255	1,132	255	343.1
District of Columbia	—	—	—	—	—	—
Florida	15,425	17,667	19,071	15,425	19,071	–19.1
Georgia	16	259	102	16	102	–84.8
Maryland	444	499	191	444	191	132.0
North Carolina	34	36	11	34	11	204.6
South Carolina	14	42	33	14	33	–56.9
Virginia	1,666	757	852	1,666	852	95.5
West Virginia	27	25	21	27	21	26.0
East South Central	**6,748**	**5,050**	**3,538**	**6,748**	**3,538**	**90.7**
Alabama	561	789	362	561	362	55.1
Kentucky	438	136	86	438	86	408.1
Mississippi	5,749	4,126	3,090	5,749	3,090	86.1
Tennessee	—	—	—	—	—	—
West South Central	**99,505**	**103,643**	**76,042**	**99,505**	**76,042**	**30.9**
Arkansas	NM	NM	NM	564	286	97.1
Louisiana	21,497	18,345	15,161	21,497	15,161	41.8
Oklahoma	10,590	13,066	6,427	10,590	6,427	64.8
Texas	66,853	71,865	54,167	66,853	54,167	23.4
Mountain	**10,299**	**13,427**	**6,969**	**10,299**	**6,969**	**47.8**
Arizona	2,424	3,738	961	2,424	961	152.3
Colorado	438	918	377	438	377	16.1
Idaho	—	—	—	—	—	—
Montana	53	36	1	53	1	8990.3
Nevada	4,579	5,362	3,532	4,579	3,532	29.6
New Mexico	2,465	2,876	1,917	2,465	1,917	28.6
Utah	NM	NM	NM	331	174	90.5
Wyoming	9	5	7	9	7	20.9
Pacific Contiguous	**21,625**	**21,384**	**28,706**	**21,625**	**28,706**	**–24.7**
California	20,064	17,740	26,743	20,064	26,743	–25.0
Oregon	1,533	3,009	1,470	1,533	1,470	4.2
Washington	28	635	492	28	492	–94.2
Pacific Noncontiguous	**2,733**	**2,957**	**2,862**	**2,733**	**2,862**	**–4.5**
Alaska	2,733	2,957	2,862	2,733	2,862	–4.5
Hawaii	—	—	—	—	—	—
U.S. Total	**178,906**	**188,557**	**171,149**	**178,906**	**171,149**	**4.5**

* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see the Technical Notes for a detailed discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Fossil-Fuel Stocks at U.S. Electric Utilities

Table 21. U.S. Electric Utility Stocks of Coal and Petroleum, 1989 Through January 1999

Period	Coal (thousand short tons)				Petroleum (thousand barrels)			Petroleum Coke (thousand short tons)
	Anthracite[1]	Bituminous[2]	Lignite	Total	Light	Heavy	Total	
1989	**6,403**	**122,967**	**6,490**	**135,860**	**13,824**	**47,446**	**61,270**	**105**
1990	**6,499**	**142,650**	**7,016**	**156,166**	**16,471**	**67,030**	**83,501**	**94**
1991	**6,513**	**145,367**	**5,996**	**157,876**	**16,357**	**58,636**	**74,993**	**70**
1992	**6,215**	**142,156**	**5,759**	**154,130**	**15,714**	**56,135**	**71,849**	**67**
1993	**5,639**	**98,560**	**7,142**	**111,341**	**15,674**	**46,769**	**62,443**	**89**
1994	**4,879**	**115,325**	**6,693**	**126,897**	**16,644**	**46,342**	**62,986**	**69**
1995	**4,325**	**116,749**	**5,231**	**126,304**	**15,392**	**35,102**	**50,495**	**65**
1996	**3,687**	**105,807**	**5,129**	**114,623**	**15,216**	**32,473**	**47,690**	**91**
1997								
January	3,609	98,043	4,969	106,621	14,766	29,742	44,508	136
February	3,544	98,878	5,391	107,813	14,901	31,372	46,273	159
March	3,479	104,650	5,599	113,727	15,226	31,425	46,651	177
April	3,417	109,124	5,723	118,263	14,625	32,534	47,158	221
May	3,374	114,257	5,760	123,391	14,685	33,213	47,898	253
June	3,323	111,761	5,704	120,787	14,824	32,129	46,953	229
July	3,275	100,691	5,725	109,690	14,820	30,990	45,810	308
August	3,228	94,896	5,599	103,724	14,823	30,872	45,694	293
September	3,166	93,456	5,496	102,119	14,832	29,064	43,896	308
October	3,118	93,309	6,009	102,436	15,049	30,115	45,163	439
November	3,075	92,566	5,093	100,735	15,214	32,255	47,469	450
December	3,021	90,905	4,900	98,826	15,456	33,336	48,792	469
1998								
January	2,958	92,429	5,019	100,406	15,627	33,871	49,499	403
February	2,906	95,997	4,890	103,793	15,953	33,872	49,824	358
March	2,846	100,323	4,933	108,101	15,481	31,180	46,661	418
April	2,803	108,318	5,110	116,231	16,029	35,021	51,050	498
May	2,743	111,851	5,342	119,936	14,802	32,911	47,713	501
June	2,699	110,185	4,874	117,758	14,559	30,036	44,594	683
July	2,672	102,183	4,685	109,540	15,220	31,638	46,858	577
August	2,655	96,280	4,786	103,720	15,118	32,605	47,723	623
September	2,640	97,002	4,911	104,552	14,793	31,258	46,052	562
October	2,596	102,923	4,502	110,021	15,881	35,409	51,290	588
November	2,542	110,267	4,417	117,225	16,162	37,059	53,221	602
December	2,503	113,626	4,373	120,501	16,343	37,447	53,790	559
1999								
January	W	113,914	W	120,425	16,288	36,470	52,759	548

1 Anthracite includes anthracite silt stored off-site.
2 Bituminous coal includes subbituminous coal.
W = Withheld to avoid disclosure of individual company data.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final--see Technical Notes for adjustment methodology. Values for 1997 and prior years are final. •Totals may not equal sum of components because of independent rounding. •Prior to 1993, values represent December end-of-month stocks. For 1993 forward, values represent end-of-month stocks. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report,'' and predecessor forms.

Table 22. Electric Utility Stocks of Coal by NERC Region and Hawaii

(Thousand Short Tons)

NERC Region and Hawaii	January 1999	December 1998	January 1998	Monthly Difference (percent)	Yearly Difference (percent)
ECAR	29,173	30,691	26,527	–4.9	10.0
ERCOT	6,074	5,707	4,764	6.4	27.5
MAAC	7,607	8,415	8,245	–9.6	–7.7
MAIN	14,094	13,864	11,257	1.7	25.2
MAPP (U.S.)	10,941	11,484	8,986	–4.7	21.8
NPCC (U.S.)	1,632	1,703	1,476	–4.1	10.6
SERC	19,503	18,823	15,042	3.6	29.7
FRCC	4,593	4,319	3,388	6.4	NM
SPP	15,718	14,749	11,355	6.6	38.4
WSCC (U.S.)	11,091	10,747	9,365	3.2	18.4
Contiguous U.S.	**120,425**	**120,501**	**100,406**	**–.1**	**19.9**
ASCC	—	—	1	NM	NM
Hawaii	—	—	—	—	—
U.S. Total	**120,425**	**120,501**	**100,406**	**–.1**	**19.9**

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. •Stocks are end-of-month stocks at electric utilities. •See Glossary for explanation of acronyms. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 23. Electric Utility Stocks of Petroleum by NERC Region and Hawaii

(Thousand Barrels)

NERC Region and Hawaii	January 1999	December 1998	January 1998	Monthly Difference (percent)	Yearly Difference (percent)
ECAR	2,309	2,536	1,724	–9.0	33.9
ERCOT	4,240	4,335	4,355	–2.2	–2.6
MAAC	6,876	6,938	5,807	–.9	18.4
MAIN	1,613	1,519	1,314	6.2	22.7
MAPP (U.S.)	W	927	783	W	W
NPCC (U.S.)	11,674	11,382	11,948	2.6	–2.3
SERC	5,048	4,607	3,389	9.6	49.0
FRCC	9,283	9,386	7,720	–1.1	NM
SPP	5,101	5,463	4,492	–6.6	13.6
WSCC (U.S.)	4,486	5,568	6,736	–19.4	–33.4
Contiguous U.S.	**51,573**	**52,662**	**48,268**	**–2.1**	**6.8**
ASCC	172	243	233	–29.5	–26.4
Hawaii	W	885	998	W	W
U.S. Total	**52,759**	**53,790**	**49,499**	**–1.9**	**6.6**

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

W = Withheld to avoid disclosure of individual company data.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Data do not include petroleum coke. •Stocks are end-of-month stocks at electric utilities. •See Glossary for explanation of acronyms. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 24. Electric Utility Stocks of Coal by Census Division and State
(Thousand Short Tons)

Census Division	January 1999	December 1998	January 1998	Monthly Difference (percent)	Yearly Difference (percent)
New England	W	575	689	W	W
Middle Atlantic	9,660	10,232	9,100	–5.6	6.2
East North Central	31,974	34,128	27,400	–6.3	16.7
West North Central	18,167	17,961	14,130	1.1	28.6
South Atlantic	21,758	20,938	17,833	3.9	22.0
East South Central	11,236	10,808	9,644	4.0	16.5
West South Central	15,368	14,396	11,709	6.8	31.3
Mountain	10,555	10,404	9,172	1.5	15.1
Pacific Contiguous	W	1,060	729	W	W
Pacific Noncontiguous	—	—	1	NM	NM
U.S. Total	**120,425**	**120,501**	**100,406**	**–.1**	**19.9**

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

W = Withheld to avoid disclosure of individual company data.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. •Stocks are end-of-month stocks at electric utilities. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table 25. Electric Utility Stocks of Petroleum by Census Division and State
(Thousand Barrels)

Census Division	January 1999	December 1998	January 1998	Monthly Difference (percent)	Yearly Difference (percent)
New England	2,864	3,555	4,519	–19.5	–36.6
Middle Atlantic	12,415	12,356	10,677	.5	16.3
East North Central	3,609	3,625	2,728	–.5	32.3
West North Central	1,949	2,002	1,584	–2.7	23.0
South Atlantic	16,394	15,559	13,107	5.4	25.1
East South Central	2,759	2,946	2,287	–6.3	20.6
West South Central	7,044	7,087	6,670	–.6	5.6
Mountain	966	939	978	2.8	–1.2
Pacific Contiguous	3,554	4,592	5,719	–22.6	–37.8
Pacific Noncontiguous	1,205	1,128	1,231	6.8	–2.1
U.S. Total	**52,759**	**53,790**	**49,499**	**–1.9**	**6.6**

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Values for 1999 are estimates based on a cutoff model sample--see Technical Notes for a discussion of the sample design for the Form EIA-759. Values for 1998 have been adjusted to reflect the Form EIA-759 census data and are final. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Data do not include petroleum coke. •The January 1999 petroleum coke stocks were 38547,7 short tons. •Stocks are end-of-month stocks at electric utilities. Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Receipts and Cost of Fossil Fuels at U.S. Electric Utilities

Table 26. U.S. Electric Utility Receipts of and Average Cost for Fossil Fuels, 1988 Through December 1998

Period	Coal [1]		Petroleum				Gas		All Fossil Fuels [2]
			Heavy Oil [3]		Total				
	Receipts (thousand short tons)	Cost (cents/ 10^6 Btu)	Receipts (thousand barrels)	Cost (cents/ 10^6 Btu)	Receipts (thousand barrels)	Cost (cents/ 10^6 Btu)	Receipts (thousand Mcf)	Cost (cents/ 10^6 Btu)	Cost (cents/ 10^6 Btu)
1988	**727,775**	**146.6**	**230,234**	**240.5**	**236,924**	**243.9**	**2,362,721**	**226.3**	**164.3**
1989	**753,217**	**144.5**	**237,668**	**284.6**	**246,422**	**289.3**	**2,472,506**	**235.5**	**167.5**
1990	**786,627**	**145.5**	**202,281**	**331.9**	**209,350**	**338.4**	**2,490,979**	**232.1**	**168.9**
1991	**769,923**	**144.7**	**163,106**	**246.5**	**169,625**	**254.8**	**2,630,818**	**215.3**	**160.3**
1992	**775,963**	**141.2**	**138,537**	**247.5**	**144,390**	**255.1**	**2,637,678**	**232.8**	**159.0**
1993	**769,152**	**138.5**	**141,719**	**236.2**	**147,902**	**243.3**	**2,574,523**	**256.0**	**159.5**
1994	**831,929**	**135.5**	**135,184**	**240.9**	**142,940**	**248.8**	**2,863,904**	**223.0**	**152.6**
1995	**826,860**	**131.8**	**78,216**	**258.6**	**84,292**	**267.9**	**3,023,327**	**198.4**	**145.3**
1996									
January	67,852	129.1	13,855	332.4	14,540	337.1	155,022	281.0	155.5
February	66,620	129.3	6,099	282.5	7,021	300.6	131,688	294.7	148.5
March	69,921	130.2	9,031	285.2	9,595	296.8	149,233	268.4	149.0
April	70,361	130.8	8,263	309.7	8,724	319.0	160,918	264.6	150.0
May	72,158	130.7	5,882	304.4	6,437	317.6	251,461	247.6	151.8
June	69,677	129.2	8,825	277.0	9,508	288.2	285,271	255.1	155.1
July	75,178	127.8	10,793	276.6	11,380	284.4	346,295	263.9	158.2
August	78,545	127.7	10,484	282.5	10,971	290.6	346,542	250.7	154.6
September	72,730	127.5	5,538	293.6	5,926	307.1	269,988	219.1	145.3
October	75,756	128.9	5,675	331.9	6,407	354.7	217,115	233.8	146.6
November	71,375	127.9	6,382	333.3	7,159	354.4	162,258	301.9	151.0
December	72,525	127.6	8,098	338.1	8,961	355.2	128,870	393.1	156.1
Total	**862,701**	**128.9**	**98,926**	**303.4**	**106,629**	**315.7**	**2,604,663**	**264.1**	**151.9**
1997 [4]									
January	71,929	128.0	8,817	305.7	9,658	321.0	133,720	407.7	157.7
February	69,229	129.1	8,959	287.5	9,346	295.3	134,664	311.8	150.6
March	72,369	130.0	6,796	267.1	7,157	276.2	185,340	236.0	145.5
April	69,815	129.6	6,379	254.9	6,730	264.8	184,908	230.5	144.3
May	74,929	128.0	6,476	257.9	6,966	271.2	225,841	247.0	146.6
June	70,479	127.9	9,253	262.9	10,010	274.4	278,304	254.3	153.2
July	74,065	125.7	10,818	269.9	11,689	280.4	373,646	243.7	154.6
August	76,352	125.2	11,049	268.3	11,618	275.5	360,018	252.2	154.0
September	75,091	126.3	8,880	274.7	9,332	281.3	313,132	290.5	158.3
October	75,593	126.4	10,161	301.6	10,715	309.1	219,342	324.3	157.0
November	72,558	126.4	12,218	309.3	12,818	315.4	168,754	342.4	156.4
December	78,179	125.2	11,101	265.4	11,750	273.3	187,065	278.4	146.9
Total	**880,588**	**127.3**	**110,906**	**278.8**	**117,789**	**288.0**	**2,764,734**	**276.0**	**152.2**
1998 [4]									
January	79,108	125.3	9,569	235.5	10,105	242.4	164,826	274.5	142.8
February	70,246	126.1	8,736	206.0	9,255	214.0	122,862	253.3	139.0
March	75,647	126.5	10,676	199.3	11,135	204.6	181,096	254.4	142.4
April	74,733	126.4	11,749	218.9	12,289	225.0	186,127	259.8	144.7
May	76,123	126.0	11,554	215.3	12,185	221.5	252,716	247.1	146.5
June	76,493	126.6	13,428	216.7	14,237	222.4	330,939	237.6	149.7
July	79,591	125.5	20,875	220.3	21,736	224.1	389,582	249.3	154.7
August	82,140	125.8	19,250	202.9	20,095	207.2	390,296	219.3	147.5
September	78,776	124.8	12,919	196.0	13,602	202.1	331,911	211.9	142.6
October	79,358	123.5	14,952	207.8	15,683	213.7	230,695	223.1	140.1
November	77,021	123.8	10,556	198.6	11,179	204.9	163,973	241.0	137.7
December	79,658	121.1	12,500	175.5	13,599	183.5	174,699	231.0	134.3
Total	**928,893**	**125.1**	**156,764**	**207.9**	**165,099**	**213.6**	**2,919,721**	**238.4**	**143.8**
Year-to-Date									
1998 [4]	**928,893**	**125.1**	**156,764**	**207.9**	**165,099**	**213.6**	**2,919,721**	**238.4**	**143.8**
1997 [4]	**880,588**	**127.3**	**110,906**	**278.8**	**117,789**	**288.0**	**2,764,734**	**276.0**	**152.2**
1996	**862,701**	**128.9**	**98,926**	**303.4**	**106,629**	**315.7**	**2,604,663**	**264.1**	**151.9**

1 Includes lignite, bituminous coal, subbituminous coal, and anthracite.
2 The weighted average for all fossil fuels includes both heavy oil and light oil (Fuel Oil No. 2, kerosene, and jet fuel) prices. Data do not include petroleum coke.
3 Heavy oil includes Fuel Oil Nos. 4, 5, and 6, and topped crude fuel oil.
4 Data for 1998 are preliminary. Data for 1997 are final.

Notes: •Totals may not equal sum of components because of independent rounding. •As of 1991, data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Data for 1988-1990 are for steam-electric plants with a generator nameplate capacity of 50 or more megawatts. •Mcf=thousand cubic feet. •Monetary values are expressed in nominal terms. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants,'' and predecessor forms.

Table 27. Electric Utility Receipts of Coal by NERC Region and Hawaii

(Thousand Short Tons)

NERC Region and Hawaii	December 1998 [1]	November 1998 [1]	December 1997 [1]	Year to Date		
				1998 [1]	1997 [1]	Difference (percent)
ECAR	18,012	17,563	18,856	216,476	207,249	4.5
ERCOT	7,243	6,199	7,020	80,704	77,867	3.6
MAAC	3,566	3,870	3,520	45,592	44,341	2.8
MAIN	7,116	7,079	6,782	80,458	80,017	.6
MAPP (U.S.)	6,991	7,065	6,862	80,106	72,048	11.2
NPCC (U.S.)	1,019	1,002	1,362	14,835	15,402	–3.7
SERC	14,046	13,048	13,460	162,966	156,175	4.3
FRCC	2,369	2,181	2,113	24,288	24,871	NM
SPP	8,509	8,285	8,400	102,930	93,411	10.2
WSCC (U.S.)	10,787	10,728	9,804	120,538	109,206	10.4
Contiguous U.S.	**79,658**	**77,021**	**78,179**	**928,893**	**880,588**	**5.5**
ASCC	—	—	—	—	—	—
Hawaii	—	—	—	—	—	—
U.S. Total	**79,658**	**77,021**	**78,179**	**928,893**	**880,588**	**5.5**

[1] Data for 1998 are preliminary. Data for 1997 are final.

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Includes lignite, bituminous coal, subbituminous coal, and anthracite. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants.''

Table 28. Average Cost of Coal Delivered to Electric Utilities by NERC Region and Hawaii

(Cents/Million Btu)

NERC Region and Hawaii	December 1998 [1]	November 1998 [1]	December 1997 [1]	Year to Date		
				1998 [1]	1997 [1]	Difference (percent)
ECAR	124.8	126.1	125.0	125.4	124.5	0.7
ERCOT	116.5	120.3	124.8	115.8	114.2	1.5
MAAC	131.6	134.9	140.5	135.3	139.4	–2.9
MAIN	116.9	123.7	129.1	129.9	134.6	–3.5
MAPP (U.S.)	79.5	81.8	82.6	86.2	88.9	–3.1
NPCC (U.S.)	149.9	149.3	155.7	152.4	155.5	–2.0
SERC	139.2	139.1	140.1	140.1	140.4	–.2
FRCC	157.9	165.5	165.3	166.6	169.6	NM
SPP	105.8	110.0	118.0	116.5	123.3	–5.5
WSCC (U.S.)	104.5	111.0	104.6	109.2	112.6	–3.0
Contiguous U.S.	**121.1**	**123.8**	**125.2**	**125.1**	**127.3**	**–1.7**
ASCC	—	—	—	—	—	—
Hawaii	—	—	—	—	—	—
U.S. Average	**121.1**	**123.8**	**125.2**	**125.1**	**127.3**	**–1.7**

[1] Data for 1998 are preliminary. Data for 1997 are final.

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Includes lignite, bituminous coal, subbituminous coal, and anthracite. •Monetary values are expressed in monetary terms. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants.''

Table 29. Electric Utility Receipts of Petroleum by NERC Region and Hawaii

(Thousand Barrels)

NERC Region and Hawaii	December 1998 [1]	November 1998 [1]	December 1997 [1]	Year to Date		
				1998 [1]	1997 [1]	Difference (percent)
ECAR	396	265	214	4,044	2,767	46.1
ERCOT	12	4	75	207	466	–55.7
MAAC	1,395	804	715	17,388	8,333	108.7
MAIN	93	25	24	1,331	996	33.7
MAPP (U.S.)	20	11	33	268	295	–9.1
NPCC (U.S.)	6,176	3,644	6,455	58,268	50,731	14.9
SERC	243	320	130	6,168	2,577	139.3
FRCC	3,843	5,020	2,671	59,765	38,308	NM
SPP	841	396	799	10,256	5,692	80.2
WSCC (U.S.)	79	42	48	488	395	23.3
Contiguous U.S.	**13,097**	**10,530**	**11,165**	**158,183**	**110,562**	**43.1**
ASCC	—	—	—	—	—	—
Hawaii	502	650	585	6,916	7,227	–4.3
U.S. Total	**13,599**	**11,179**	**11,750**	**165,099**	**117,789**	**40.2**

[1] Data for 1998 are preliminary. Data for 1997 are final.

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants.''

Table 30. Average Cost of Petroleum Delivered to Electric Utilities by NERC Region and Hawaii

(Cents/Million Btu)

NERC Region and Hawaii	December 1998 [1]	November 1998 [1]	December 1997 [1]	Year to Date		
				1998 [1]	1997 [1]	Difference (percent)
ECAR	276.2	292.6	378.3	302.8	401.1	–24.5
ERCOT	250.6	295.9	428.7	374.8	457.3	–18.0
MAAC	202.0	215.0	278.4	221.1	288.4	–23.4
MAIN	241.9	321.4	356.1	278.7	382.6	–27.2
MAPP (U.S.)	239.9	235.9	402.0	332.2	457.2	–27.3
NPCC (U.S.)	169.2	189.8	260.4	203.5	277.1	–26.6
SERC	243.0	260.8	388.2	232.5	348.7	–33.3
FRCC	173.0	197.6	256.9	205.8	270.1	NM
SPP	183.9	192.1	284.0	205.6	280.2	–26.6
WSCC (U.S.)	321.4	411.3	492.0	389.6	529.7	–26.4
Contiguous U.S.	**180.6**	**201.2**	**268.5**	**211.5**	**283.1**	**–25.3**
ASCC	—	—	—	—	—	—
Hawaii	259.5	265.3	366.3	261.5	364.3	–28.2
U.S. Average	**183.5**	**204.9**	**273.3**	**213.6**	**288.0**	**–25.8**

[1] Data for 1998 are preliminary. Data for 1997 are final.

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Monetary values are expressed in monetary terms. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants.''

Table 31. Electric Utility Receipts of Gas by NERC Region and Hawaii

(Million Cubic Feet)

NERC Region and Hawaii	December 1998 [1]	November 1998 [1]	December 1997 [1]	Year to Date		
				1998 [1]	1997 [1]	Difference (percent)
ECAR	2,905	2,685	2,401	47,464	32,204	47.4
ERCOT	52,986	46,008	54,418	986,322	827,893	19.1
MAAC	1,906	1,395	1,283	37,017	41,594	–11.0
MAIN	1,877	1,892	5,300	56,399	48,995	15.1
MAPP (U.S.)	276	281	336	7,948	7,014	13.3
NPCC (U.S.)	11,192	8,793	19,744	249,343	310,649	–19.7
SERC	2,163	2,032	1,382	54,035	26,854	101.2
FRCC	16,089	16,939	18,312	238,253	275,316	NM
SPP	51,407	48,478	46,279	795,648	674,114	18.0
WSCC (U.S.)	32,573	34,309	36,268	434,554	506,228	–14.2
Contiguous U.S.	**173,374**	**162,813**	**185,722**	**2,906,982**	**2,750,861**	**5.7**
ASCC	1,325	1,160	1,343	12,739	13,873	–8.2
Hawaii	—	—	—	—	—	—
U.S. Total	**174,699**	**163,973**	**187,065**	**2,919,721**	**2,764,734**	**5.6**

[1] Data for 1998 are preliminary. Data for 1997 are final.

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants.''

Table 32. Average Cost of Gas Delivered to Electric Utilities by NERC Region and Hawaii

(Cents/Million Btu)

NERC Region and Hawaii	December 1998 [1]	November 1998 [1]	December 1997 [1]	Year to Date		
				1998 [1]	1997 [1]	Difference (percent)
ECAR	244.7	251.8	268.4	247.5	282.5	–12.4
ERCOT	219.0	220.1	268.2	225.4	264.8	–14.9
MAAC	314.9	385.6	368.0	278.7	297.1	–6.2
MAIN	215.9	231.0	246.1	223.5	255.4	–12.5
MAPP (U.S.)	314.8	290.2	303.3	267.8	295.0	–9.2
NPCC (U.S.)	234.9	269.2	334.5	255.4	287.0	–11.0
SERC	271.1	271.3	254.5	265.4	265.3	*
FRCC	270.5	279.5	304.5	276.8	304.5	NM
SPP	212.9	226.4	268.6	228.4	268.9	–15.1
WSCC (U.S.)	252.8	257.8	268.5	250.9	284.4	–11.8
Contiguous U.S.	**231.5**	**241.5**	**279.1**	**238.7**	**276.5**	**–13.7**
ASCC	158.8	159.2	176.2	168.1	167.3	.5
Hawaii	—	—	—	—	—	—
U.S. Average	**231.0**	**241.0**	**278.4**	**238.4**	**276.0**	**–13.6**

[1] Data for 1998 are preliminary. Data for 1997 are final.

* The absolute value of the number is less than 0.5.

NM = This estimated value is not available due to insufficient data or inadequate anticipated data/model performance, information may not be applicable, or the percent difference calculation is not meaningful.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Monetary values are expressed in monetary terms. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants.''

Table 33. Electric Utility Receipts of Coal by Type, Census Division, and State, December 1998

Census Division and State	Anthracite		Bituminous		Subbituminous		Lignite		Total	
	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)
New England	—	—	**228**	**5,961**	—	—	—	—	**228**	**5,961**
Connecticut	—	—	62	1,607	—	—	—	—	62	1,607
Maine	—	—	—	—	—	—	—	—	—	—
Massachusetts	—	—	46	1,181	—	—	—	—	46	1,181
New Hampshire	—	—	121	3,172	—	—	—	—	121	3,172
Rhode Island	—	—	—	—	—	—	—	—	—	—
Vermont	—	—	—	—	—	—	—	—	—	—
Middle Atlantic	**6**	**120**	**4,546**	**113,838**	—	—	—	—	**4,552**	**113,958**
New Jersey	—	—	257	6,658	—	—	—	—	257	6,658
New York	—	—	790	20,558	—	—	—	—	790	20,558
Pennsylvania	6	120	3,498	86,622	—	—	—	—	3,504	86,742
East North Central	—	—	**10,692**	**251,325**	**6,889**	**121,898**	—	—	**17,581**	**373,222**
Illinois	—	—	1,461	31,852	2,043	36,079	—	—	3,504	67,931
Indiana	—	—	3,384	76,868	1,333	23,315	—	—	4,717	100,183
Michigan	—	—	1,238	31,515	1,743	32,054	—	—	2,981	63,568
Ohio	—	—	4,350	104,493	159	2,795	—	—	4,510	107,287
Wisconsin	—	—	258	6,597	1,611	27,655	—	—	1,869	34,253
West North Central	—	—	**313**	**6,959**	**9,134**	**158,486**	**2,410**	**31,679**	**11,858**	**197,124**
Iowa	—	—	30	705	1,654	27,978	—	—	1,684	28,683
Kansas	—	—	113	2,545	1,385	23,580	—	—	1,497	26,125
Minnesota	—	—	4	99	1,597	28,517	—	—	1,601	28,616
Missouri	—	—	166	3,611	3,347	58,591	—	—	3,513	62,202
Nebraska	—	—	—	—	969	16,612	—	—	969	16,612
North Dakota	—	—	—	—	—	—	2,410	31,679	2,410	31,679
South Dakota	—	—	—	—	183	3,207	—	—	183	3,207
South Atlantic	—	—	**13,339**	**331,773**	**715**	**12,487**	—	—	**14,054**	**344,261**
Delaware	—	—	89	2,335	—	—	—	—	89	2,335
District of Columbia	—	—	—	—	—	—	—	—	—	—
Florida	—	—	2,546	61,981	87	1,513	—	—	2,633	63,494
Georgia	—	—	2,331	58,022	628	10,975	—	—	2,959	68,997
Maryland	—	—	755	19,466	—	—	—	—	755	19,466
North Carolina	—	—	2,339	58,210	—	—	—	—	2,339	58,210
South Carolina	—	—	1,066	27,247	—	—	—	—	1,066	27,247
Virginia	—	—	1,081	27,333	—	—	—	—	1,081	27,333
West Virginia	—	—	3,131	77,178	—	—	—	—	3,131	77,178
East South Central	—	—	**7,202**	**173,141**	**1,018**	**17,856**	—	—	**8,220**	**190,996**
Alabama	—	—	2,013	49,581	514	8,783	—	—	2,527	58,364
Kentucky	—	—	2,683	62,704	82	1,447	—	—	2,765	64,150
Mississippi	—	—	258	6,311	218	4,055	—	—	476	10,367
Tennessee	—	—	2,248	54,544	204	3,571	—	—	2,452	58,115
West South Central	—	—	**96**	**2,059**	**7,533**	**129,848**	**4,749**	**60,519**	**12,378**	**192,426**
Arkansas	—	—	—	—	1,290	22,427	—	—	1,290	22,427
Louisiana	—	—	—	—	793	13,440	274	3,698	1,067	17,138
Oklahoma	—	—	9	228	1,624	28,106	—	—	1,633	28,334
Texas	—	—	87	1,831	3,827	65,875	4,475	56,821	8,389	124,528
Mountain	—	—	**3,756**	**82,980**	**6,327**	**112,373**	**26**	**345**	**10,109**	**195,698**
Arizona	—	—	633	13,845	868	16,605	—	—	1,500	30,450
Colorado	—	—	684	14,712	787	14,065	—	—	1,471	28,777
Idaho	—	—	—	—	—	—	—	—	—	—
Montana	—	—	—	—	1,030	17,385	26	345	1,056	17,730
Nevada	—	—	752	16,828	—	—	—	—	752	16,828
New Mexico	—	—	—	—	1,493	27,020	—	—	1,493	27,020
Utah	—	—	1,413	32,128	—	—	—	—	1,413	32,128
Wyoming	—	—	273	5,467	2,150	37,298	—	—	2,423	42,765
Pacific Contiguous	—	—	—	—	**678**	**11,246**	—	—	**678**	**11,246**
California	—	—	—	—	—	—	—	—	—	—
Oregon	—	—	—	—	193	3,254	—	—	193	3,254
Washington	—	—	—	—	485	7,992	—	—	485	7,992
Pacific Noncontiguous	—	—	—	—	—	—	—	—	—	—
Alaska	—	—	—	—	—	—	—	—	—	—
Hawaii	—	—	—	—	—	—	—	—	—	—
U.S. Total	**6**	**120**	**40,171**	**968,035**	**32,295**	**564,193**	**7,185**	**92,543**	**79,658**	**1,624,891**

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Data for 1998 are preliminary. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants.''

Table 34. Receipts and Average Cost of Coal Delivered to Electric Utilities by Census Division and State

Census Division and State	December 1998 Receipts		December 1997 Receipts		Year to Date			
	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents/million Btu)[1]	
					1998	1997	1998	1997
New England	**228**	**5,961**	**564**	**14,450**	**141,888**	**181,777**	**167.6**	**171.2**
Connecticut	62	1,607	69	1,814	17,263	25,006	181.1	190.5
Maine	—	—	—	—	—	—	—	—
Massachusetts	46	1,181	353	8,874	87,633	114,277	167.6	169.9
New Hampshire	121	3,172	143	3,762	36,992	42,494	161.2	163.2
Rhode Island	—	—	—	—	—	—	—	—
Vermont	—	—	—	—	—	—	—	—
Middle Atlantic	**4,552**	**113,958**	**4,480**	**111,873**	**1,386,424**	**1,347,705**	**137.6**	**138.3**
New Jersey	257	6,658	188	4,954	60,643	54,609	159.0	175.6
New York	790	20,558	798	20,818	242,673	216,956	143.4	142.4
Pennsylvania	3,504	86,742	3,494	86,101	1,083,108	1,076,139	135.0	135.5
East North Central	**17,581**	**373,222**	**18,305**	**388,651**	**4,421,104**	**4,286,039**	**129.9**	**130.7**
Illinois	3,504	67,931	3,474	67,260	773,462	797,174	155.7	155.4
Indiana	4,717	100,183	4,876	101,760	1,200,903	1,116,269	112.3	116.4
Michigan	2,981	63,568	3,116	66,154	737,443	679,322	133.4	136.9
Ohio	4,510	107,287	4,775	113,635	1,273,392	1,254,333	136.5	132.1
Wisconsin	1,869	34,253	2,064	39,843	435,904	438,941	107.4	109.0
West North Central	**11,858**	**197,124**	**11,185**	**186,025**	**2,256,197**	**2,017,009**	**88.9**	**91.7**
Iowa	1,684	28,683	1,543	26,360	375,289	288,899	87.6	93.7
Kansas	1,497	26,125	1,628	28,492	320,363	292,286	98.4	102.1
Minnesota	1,601	28,616	1,737	30,942	318,267	312,941	106.9	109.5
Missouri	3,513	62,202	2,811	50,344	689,840	603,562	91.7	93.4
Nebraska	969	16,612	969	16,546	204,991	182,858	58.6	58.5
North Dakota	2,410	31,679	2,298	29,851	317,790	302,862	76.2	77.8
South Dakota	183	3,207	200	3,490	29,657	33,600	92.7	92.0
South Atlantic	**14,054**	**344,261**	**12,849**	**315,400**	**3,930,673**	**3,676,250**	**144.7**	**147.6**
Delaware	89	2,335	156	4,093	45,208	43,950	156.3	157.1
District of Columbia	—	—	—	—	—	—	—	—
Florida	2,633	63,494	2,345	56,692	677,720	668,984	164.8	172.5
Georgia	2,959	68,997	2,390	55,763	745,846	666,429	154.5	158.6
Maryland	755	19,466	928	23,882	280,127	261,855	145.7	150.0
North Carolina	2,339	58,210	2,165	53,500	689,757	646,852	143.8	142.9
South Carolina	1,066	27,247	979	25,066	331,533	304,277	144.7	144.7
Virginia	1,081	27,333	1,080	27,147	320,503	299,537	137.8	139.3
West Virginia	3,131	77,178	2,806	69,257	839,979	784,366	122.2	123.7
East South Central	**8,220**	**190,996**	**8,846**	**203,375**	**2,302,123**	**2,371,294**	**125.3**	**123.9**
Alabama	2,527	58,364	2,503	57,040	688,029	681,214	156.0	154.9
Kentucky	2,765	64,150	3,288	76,200	855,342	915,236	105.9	104.6
Mississippi	476	10,367	587	11,918	124,413	126,738	153.8	154.7
Tennessee	2,452	58,115	2,468	58,217	634,339	648,107	112.5	112.5
West South Central	**12,378**	**192,426**	**12,146**	**189,233**	**2,263,945**	**2,110,015**	**123.4**	**126.7**
Arkansas	1,290	22,427	1,103	19,180	249,423	206,856	147.1	164.0
Louisiana	1,067	17,138	1,105	17,927	227,428	213,351	142.9	147.9
Oklahoma	1,633	28,334	1,526	26,384	341,671	317,604	91.0	91.8
Texas	8,389	124,528	8,412	125,742	1,445,424	1,372,204	123.9	125.9
Mountain	**10,109**	**195,698**	**9,187**	**177,245**	**2,182,376**	**2,013,371**	**107.4**	**110.7**
Arizona	1,500	30,450	1,497	30,520	383,533	341,095	133.0	142.5
Colorado	1,471	28,777	1,409	27,225	355,225	329,937	98.7	100.9
Idaho	—	—	—	—	—	—	—	—
Montana	1,056	17,730	837	14,264	177,300	154,365	67.3	68.3
Nevada	752	16,828	428	9,573	185,286	153,029	131.1	139.2
New Mexico	1,493	27,020	1,506	27,205	287,749	286,127	130.6	133.6
Utah	1,413	32,128	1,349	30,519	335,469	341,097	115.0	111.3
Wyoming	2,423	42,765	2,161	37,939	457,813	407,721	78.6	80.6
Pacific Contiguous	**678**	**11,246**	**616**	**10,316**	**135,305**	**92,411**	**138.4**	**154.5**
California	—	—	—	—	—	—	—	—
Oregon	193	3,254	153	2,688	34,984	15,326	108.9	113.9
Washington	485	7,992	463	7,628	100,321	77,085	148.7	162.6
Pacific Noncontiguous	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Alaska	—	—	—	—	—	—	—	—
Hawaii	—	—	—	—	—	—	—	—
U.S. Total	**79,658**	**1,624,891**	**78,179**	**1,596,568**	**19,020,035**	**18,095,870**	**125.1**	**127.3**

[1] Monetary values are expressed in nominal terms.

Notes: •Data for 1998 are preliminary. Data for 1997 are final. •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Coal includes lignite, bituminous coal, subbituminous coal, and anthracite. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •See footnotes 4 through 8 of Table 57 for information concerning delivered cost of coal to Alabama, Florida, Kentucky, and Tennessee.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants.''

Table 35. Receipts and Average Cost of Coal Delivered to Electric Utilities by Type of Purchase, Mining Method, Census Division, and State, December 1998

Census Division and State	Type of Purchase						Type of Mining					
	Contract			Spot			Strip and Auger			Underground		
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]	
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)
New England	**125**	**170.8**	**45.14**	**103**	**166.8**	**42.96**	**74**	**163.3**	**42.19**	**155**	**171.7**	**45.09**
Connecticut	27	184.0	48.41	35	178.3	45.68	35	178.3	45.68	27	184.0	48.41
Maine	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts	16	176.1	46.56	29	175.5	44.89	—	—	—	46	175.7	45.48
New Hampshire	82	165.5	43.79	39	150.0	39.03	39	150.0	39.03	82	165.5	43.79
Rhode Island	—	—	—	—	—	—	—	—	—	—	—	—
Vermont	—	—	—	—	—	—	—	—	—	—	—	—
Middle Atlantic	**3,584**	**138.4**	**34.59**	**968**	**120.7**	**30.41**	**1,311**	**122.9**	**29.93**	**3,241**	**139.1**	**35.22**
New Jersey	195	152.8	38.93	62	140.6	38.00	145	150.2	38.40	113	149.0	39.09
New York	648	146.2	38.26	142	135.7	34.23	35	128.9	28.41	756	144.9	37.95
Pennsylvania	2,741	135.4	33.41	763	116.1	29.08	1,131	119.1	28.89	2,373	136.7	34.17
East North Central	**12,435**	**130.0**	**27.17**	**5,145**	**113.4**	**24.99**	**12,493**	**121.4**	**24.37**	**5,087**	**132.4**	**31.83**
Illinois	2,683	141.3	27.59	821	111.0	20.99	2,271	140.8	25.52	1,233	124.5	27.01
Indiana	3,184	116.3	24.20	1,534	106.4	23.53	3,830	107.7	22.16	887	132.5	31.86
Michigan	2,128	134.6	26.72	852	128.2	32.11	2,272	133.9	26.64	709	129.0	33.43
Ohio	3,033	142.4	34.10	1,476	115.0	26.99	2,447	130.8	30.22	2,062	136.6	33.61
Wisconsin	1,407	100.6	18.79	462	101.1	17.43	1,673	93.2	16.23	196	142.9	37.47
West North Central	**9,336**	**85.7**	**14.09**	**2,522**	**82.6**	**14.30**	**11,702**	**84.2**	**13.93**	**156**	**129.6**	**29.90**
Iowa	1,058	80.1	13.73	626	75.6	12.73	1,654	77.1	13.05	30	130.9	30.69
Kansas	1,497	99.1	17.29	—	—	—	1,425	97.7	16.78	72	120.0	27.42
Minnesota	1,531	95.1	16.95	70	111.1	20.98	1,601	95.8	17.13	—	—	—
Missouri	1,910	92.8	16.60	1,603	86.1	15.07	3,459	88.7	15.64	54	141.6	32.79
Nebraska	746	56.1	9.68	224	66.1	11.09	969	58.4	10.01	—	—	—
North Dakota	2,410	73.5	9.66	—	—	—	2,410	73.5	9.66	—	—	—
South Dakota	183	92.6	16.23	—	—	—	183	92.6	16.23	—	—	—
South Atlantic	**9,673**	**143.4**	**35.74**	**4,381**	**140.3**	**33.06**	**6,393**	**144.3**	**34.46**	**7,661**	**141.1**	**35.27**
Delaware	86	150.1	39.41	3	134.9	32.72	28	162.3	41.85	61	143.9	37.94
District of Columbia	—	—	—	—	—	—	—	—	—	—	—	—
Florida	1,818	161.3	39.30	815	143.9	33.90	926	154.7	36.34	1,707	156.8	38.34
Georgia	1,419	158.2	39.70	1,540	150.6	32.67	2,010	149.1	33.45	949	164.9	41.52
Maryland	477	148.4	37.97	278	146.9	38.29	285	146.2	36.93	470	148.8	38.79
North Carolina	1,623	142.7	35.49	716	139.4	34.73	1,152	142.5	35.35	1,187	140.9	35.17
South Carolina	920	144.7	37.07	146	143.6	36.27	352	153.3	38.97	714	140.3	35.97
Virginia	720	135.9	34.30	360	135.1	34.30	495	137.0	34.87	586	134.4	33.82
West Virginia	2,609	123.9	30.64	523	107.8	26.11	1,145	129.5	31.45	1,986	116.6	28.99
East South Central	**6,373**	**126.4**	**28.98**	**1,847**	**123.4**	**29.95**	**3,144**	**118.0**	**25.56**	**5,077**	**129.9**	**31.45**
Alabama	1,985	157.6	35.74	542	141.8	34.93	898	137.0	27.68	1,629	161.6	39.91
Kentucky	2,021	104.7	23.97	744	108.6	26.07	1,666	106.7	24.57	1,099	104.4	24.48
Mississippi	377	157.9	34.25	99	138.6	30.61	272	149.5	29.81	204	158.4	38.40
Tennessee	1,990	112.2	26.34	462	122.3	30.20	308	104.7	20.98	2,145	115.3	27.94
West South Central	**11,375**	**116.3**	**17.90**	**1,003**	**114.5**	**19.75**	**12,366**	**116.0**	**18.03**	**12**	**151.1**	**37.49**
Arkansas	1,212	138.5	24.12	78	139.8	23.56	1,290	138.6	24.09	—	—	—
Louisiana	1,067	140.3	22.54	—	—	—	1,067	140.3	22.54	—	—	—
Oklahoma	1,633	86.3	14.98	—	—	—	1,633	86.3	14.98	—	—	—
Texas	7,464	115.9	16.86	925	112.4	19.43	8,377	115.4	17.11	12	151.1	37.49
Mountain	**9,506**	**104.4**	**20.12**	**603**	**92.7**	**19.33**	**8,113**	**107.4**	**19.89**	**1,996**	**91.4**	**20.83**
Arizona	1,382	144.7	29.44	118	134.3	26.51	1,471	142.8	28.90	30	195.5	44.56
Colorado	1,319	98.0	18.87	152	88.1	19.65	1,195	97.0	18.30	276	96.2	21.76
Idaho	—	—	—	—	—	—	—	—	—	—	—	—
Montana	1,056	68.1	11.43	—	—	—	1,056	68.1	11.43	—	—	—
Nevada	660	118.1	26.16	92	102.4	24.45	475	112.9	24.62	277	121.1	28.24
New Mexico	1,493	118.0	21.35	—	—	—	1,493	118.0	21.35	—	—	—
Utah	1,413	82.3	18.70	—	—	—	—	—	—	1,413	82.3	18.70
Wyoming	2,182	99.8	17.43	241	70.7	13.66	2,423	96.6	17.05	—	—	—
Pacific Contiguous	**351**	**124.6**	**19.48**	**327**	**114.2**	**20.11**	**678**	**119.3**	**19.78**	**—**	**—**	**—**
California	—	—	—	—	—	—	—	—	—	—	—	—
Oregon	—	—	—	193	108.9	18.37	193	108.9	18.37	—	—	—
Washington	351	124.6	19.48	134	121.0	22.61	485	123.5	20.35	—	—	—
Pacific Noncontiguous	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Alaska	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii	—	—	—	—	—	—	—	—	—	—	—	—
U. S. Total	**62,757**	**121.8**	**24.40**	**16,901**	**118.7**	**25.84**	**56,272**	**114.8**	**21.47**	**23,385**	**132.7**	**32.49**

[1] Monetary values are expressed in nominal terms.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Data for 1998 are preliminary. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •See footnotes 4 through 8 of Table 57 for information concerning delivered cost of coal to Alabama, Florida, Kentucky, and Tennessee.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report on Cost and Quality of Fuels for Electric Plants.''

Table 36. Receipts and Average Cost of Coal Delivered to Electric Utilities by Sulfur Content, Census Division, and State, December 1998

Census Division and State	0.5% or Less			More than 0.5% up to 1.0%			More than 1.0% up to 1.5%		
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]	
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)
New England	**8**	**192.8**	**50.63**	**130**	**170.4**	**44.09**	**64**	**166.8**	**43.99**
Connecticut	—	—	—	62	180.8	46.87	—	—	—
Maine	—	—	—	—	—	—	—	—	—
Massachusetts	8	192.8	50.63	29	175.5	44.89	8	160.2	42.64
New Hampshire	—	—	—	39	150.0	39.03	55	167.8	44.20
Rhode Island	—	—	—	—	—	—	—	—	—
Vermont	—	—	—	—	—	—	—	—	—
Middle Atlantic	**—**	**—**	**—**	**604**	**150.8**	**37.92**	**845**	**134.9**	**34.88**
New Jersey	—	—	—	200	140.4	36.61	—	—	—
New York	—	—	—	200	168.0	42.68	179	139.7	36.71
Pennsylvania	—	—	—	203	144.2	34.53	666	133.5	34.39
East North Central	**7,040**	**121.0**	**21.56**	**3,693**	**137.2**	**32.84**	**1,412**	**123.4**	**29.49**
Illinois	2,143	145.3	26.04	336	130.2	28.43	79	121.2	24.91
Indiana	1,394	112.4	19.89	417	146.4	35.27	682	125.9	28.10
Michigan	1,730	125.7	23.12	747	153.7	38.23	416	116.8	30.59
Ohio	161	116.9	20.56	2,118	129.9	31.00	102	116.4	29.23
Wisconsin	1,611	90.2	15.49	75	151.0	37.21	133	140.0	36.10
West North Central	**8,413**	**85.3**	**14.84**	**3,094**	**82.0**	**11.90**	**274**	**95.7**	**14.68**
Iowa	1,633	78.3	13.35	50	82.2	13.87	—	—	—
Kansas	1,447	98.5	17.02	—	—	—	—	—	—
Minnesota	1,089	93.3	16.75	510	100.9	17.84	3	149.3	33.07
Missouri	3,275	88.0	15.40	172	101.5	19.71	39	143.2	33.35
Nebraska	969	58.4	10.01	—	—	—	—	—	—
North Dakota	—	—	—	2,178	72.6	9.48	232	81.4	11.34
South Dakota	—	—	—	183	92.6	16.23	—	—	—
South Atlantic	**853**	**145.8**	**26.30**	**6,646**	**146.5**	**36.44**	**3,668**	**145.6**	**36.71**
Delaware	—	—	—	36	160.8	41.36	53	142.3	37.68
District of Columbia	—	—	—	—	—	—	—	—	—
Florida	225	132.2	25.93	726	167.5	41.46	749	158.3	39.48
Georgia	628	151.2	26.43	1,496	157.3	39.21	568	151.5	37.66
Maryland	—	—	—	329	139.3	35.15	374	153.4	40.16
North Carolina	—	—	—	1,848	142.5	35.59	492	138.6	34.00
South Carolina	—	—	—	167	156.0	39.77	790	142.7	36.49
Virginia	—	—	—	689	135.6	34.19	363	134.8	34.39
West Virginia	—	—	—	1,356	134.3	32.79	278	123.9	30.97
East South Central	**1,431**	**122.6**	**23.89**	**2,410**	**153.2**	**37.47**	**1,009**	**122.7**	**30.20**
Alabama	712	125.3	24.31	1,020	190.4	47.18	107	156.7	38.83
Kentucky	113	111.4	21.72	929	118.5	28.58	389	109.2	26.26
Mississippi	218	151.8	28.26	162	164.1	40.54	82	140.9	33.46
Tennessee	388	105.8	21.29	299	124.7	30.27	431	122.8	30.99
West South Central	**8,509**	**119.1**	**19.91**	**1,737**	**110.3**	**14.83**	**1,499**	**108.1**	**13.85**
Arkansas	1,290	138.6	24.09	—	—	—	—	—	—
Louisiana	750	141.4	23.97	317	137.0	19.17	—	—	—
Oklahoma	1,624	86.2	14.92	—	—	—	—	—	—
Texas	4,845	121.7	19.84	1,420	104.0	13.86	1,499	108.1	13.85
Mountain	**4,640**	**92.0**	**18.08**	**5,469**	**113.9**	**21.77**	**—**	**—**	**—**
Arizona	631	168.0	32.80	869	127.6	26.60	—	—	—
Colorado	1,418	96.5	18.80	52	106.5	22.82	—	—	—
Idaho	—	—	—	—	—	—	—	—	—
Montana	77	65.5	10.17	979	68.3	11.53	—	—	—
Nevada	198	128.7	29.79	555	111.3	24.59	—	—	—
New Mexico	—	—	—	1,493	118.0	21.35	—	—	—
Utah	1,205	79.8	17.97	208	96.1	22.94	—	—	—
Wyoming	1,110	44.6	7.36	1,313	135.5	25.25	—	—	—
Pacific Contiguous	**327**	**114.2**	**20.11**	**351**	**124.6**	**19.48**	**—**	**—**	**—**
California	—	—	—	—	—	—	—	—	—
Oregon	193	108.9	18.37	—	—	—	—	—	—
Washington	134	121.0	22.61	351	124.6	19.48	—	—	—
Pacific Noncontiguous	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Alaska	—	—	—	—	—	—	—	—	—
Hawaii	—	—	—	—	—	—	—	—	—
U. S. Total	**31,219**	**107.1**	**19.01**	**24,134**	**131.7**	**27.80**	**8,770**	**133.2**	**30.08**

[1] Monetary values are expressed in nominal terms.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Data for 1998 are preliminary. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report on Cost and Quality of Fuels for Electric Plants.''

Table 36. Receipts and Average Cost of Coal Delivered to Electric Utilities by Sulfur Content, Census Division, and State, December 1998 (Continued)

Census Division and State	More than 1.5% up to 2.0%			More than 2.0% up to 3.0%			More than 3.0%			All Purchases	
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]			
	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)	(1,000 short tons)	(Cents/ 10^6 Btu)	($/ short ton)	(Cents/ 10^6 Btu)	($/ short ton)
New England	—	—	—	**27**	**160.7**	**42.93**	—	—	—	**169.0**	**44.16**
Connecticut	—	—	—	—	—	—	—	—	—	180.8	46.87
Maine	—	—	—	—	—	—	—	—	—	—	—
Massachusetts	—	—	—	—	—	—	—	—	—	175.7	45.48
New Hampshire	—	—	—	27	160.7	42.93	—	—	—	160.6	42.26
Rhode Island	—	—	—	—	—	—	—	—	—	—	—
Vermont	—	—	—	—	—	—	—	—	—	—	—
Middle Atlantic	**662**	**123.7**	**31.00**	**1,635**	**131.4**	**33.26**	**808**	**137.8**	**32.40**	**134.6**	**33.70**
New Jersey	—	—	—	57	183.7	46.02	—	—	—	149.7	38.70
New York	24	145.3	37.44	388	134.6	35.26	—	—	—	144.3	37.54
Pennsylvania	638	122.9	30.76	1,190	127.8	31.99	808	137.8	32.40	131.1	32.46
East North Central	**761**	**128.0**	**30.10**	**2,654**	**110.0**	**25.38**	**2,021**	**131.9**	**30.39**	**125.0**	**26.53**
Illinois	91	159.0	35.50	622	107.2	23.33	233	124.2	26.58	134.3	26.05
Indiana	428	107.2	23.71	1,165	101.1	23.19	630	102.3	22.78	112.9	23.99
Michigan	31	133.2	34.04	2	151.2	37.49	54	128.5	33.07	132.5	28.26
Ohio	161	152.5	40.46	865	123.0	29.78	1,103	149.4	35.41	133.5	31.77
Wisconsin	50	147.7	39.18	—	—	—	—	—	—	100.7	18.46
West North Central	—	—	—	**23**	**127.5**	**28.49**	**55**	**109.3**	**24.30**	**85.0**	**14.14**
Iowa	—	—	—	—	—	—	—	—	—	78.4	13.36
Kansas	—	—	—	10	133.4	30.29	40	106.9	23.71	99.1	17.29
Minnesota	—	—	—	—	—	—	—	—	—	95.8	17.13
Missouri	—	—	—	13	122.7	27.09	15	116.0	25.94	89.8	15.90
Nebraska	—	—	—	—	—	—	—	—	—	58.4	10.01
North Dakota	—	—	—	—	—	—	—	—	—	73.5	9.66
South Dakota	—	—	—	—	—	—	—	—	—	92.6	16.23
South Atlantic	**1,099**	**130.4**	**32.49**	**491**	**132.2**	**31.61**	**1,298**	**125.3**	**30.84**	**142.5**	**34.90**
Delaware	—	—	—	—	—	—	—	—	—	149.6	39.16
District of Columbia	—	—	—	—	—	—	—	—	—	—	—
Florida	16	158.5	39.20	442	134.1	32.00	476	163.7	39.58	156.1	37.63
Georgia	238	152.4	37.95	29	137.7	33.05	—	—	—	154.6	36.04
Maryland	52	159.6	41.78	—	—	—	—	—	—	147.8	38.09
North Carolina	—	—	—	—	—	—	—	—	—	141.7	35.26
South Carolina	109	140.8	36.09	—	—	—	—	—	—	144.6	36.96
Virginia	29	145.2	35.83	—	—	—	—	—	—	135.6	34.30
West Virginia	655	116.8	28.85	21	86.3	21.33	822	103.7	25.78	121.3	29.89
East South Central	**818**	**118.3**	**28.87**	**1,249**	**110.7**	**26.28**	**1,304**	**96.3**	**21.96**	**125.7**	**29.20**
Alabama	362	127.0	30.76	207	119.5	29.02	118	110.3	26.23	154.0	35.57
Kentucky	53	102.1	24.00	165	101.6	22.86	1,117	93.5	21.12	105.8	24.53
Mississippi	—	—	—	14	132.1	33.56	—	—	—	153.8	33.49
Tennessee	402	112.5	27.82	862	109.8	26.16	69	115.8	28.14	114.2	27.07
West South Central	**624**	**97.3**	**11.58**	—	—	—	**9**	**102.5**	**26.26**	**116.1**	**18.05**
Arkansas	—	—	—	—	—	—	—	—	—	138.6	24.09
Louisiana	—	—	—	—	—	—	—	—	—	140.3	22.54
Oklahoma	—	—	—	—	—	—	9	102.5	26.26	86.3	14.98
Texas	624	97.3	11.58	—	—	—	—	—	—	115.5	17.14
Mountain	—	—	—	—	—	—	—	—	—	**103.7**	**20.07**
Arizona	—	—	—	—	—	—	—	—	—	143.9	29.21
Colorado	—	—	—	—	—	—	—	—	—	96.8	18.95
Idaho	—	—	—	—	—	—	—	—	—	—	—
Montana	—	—	—	—	—	—	—	—	—	68.1	11.43
Nevada	—	—	—	—	—	—	—	—	—	116.0	25.95
New Mexico	—	—	—	—	—	—	—	—	—	118.0	21.35
Utah	—	—	—	—	—	—	—	—	—	82.3	18.70
Wyoming	—	—	—	—	—	—	—	—	—	96.6	17.05
Pacific Contiguous	—	—	—	—	—	—	—	—	—	**119.3**	**19.78**
California	—	—	—	—	—	—	—	—	—	—	—
Oregon	—	—	—	—	—	—	—	—	—	108.9	18.37
Washington	—	—	—	—	—	—	—	—	—	123.5	20.35
Pacific Noncontiguous	—	—	—	—	—	—	—	—	—	—	—
Alaska	—	—	—	—	—	—	—	—	—	—	—
Hawaii	—	—	—	—	—	—	—	—	—	—	—
U. S. Total	**3,963**	**123.2**	**27.74**	**6,078**	**118.3**	**28.28**	**5,494**	**122.6**	**28.72**	**121.1**	**24.70**

[1] Monetary values are expressed in nominal terms.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Data for 1998 are preliminary. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data. •See footnotes 4 through 8 of Table 57 for information concerning delivered cost of coal to Alabama, Florida, Kentucky, and Tennessee.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report on Cost and Quality of Fuels for Electric Plants.''

Table 37. Electric Utility Receipts of Petroleum by Type, Census Division, and State, December 1998

Census Division and State	No. 2 Fuel Oil		No. 4 Fuel Oil[1]		No. 5 Fuel Oil[1]		No. 6 Fuel Oil		Total	
	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)
New England	**14**	**83**	**—**	**—**	**—**	**—**	**3,250**	**20,783**	**3,265**	**20,869**
Connecticut	2	11	—	—	—	—	1,264	8,105	1,266	8,116
Maine	1	8	—	—	—	—	433	2,754	435	2,761
Massachusetts	7	42	—	—	—	—	1,265	8,076	1,273	8,121
New Hampshire	2	11	—	—	—	—	288	1,849	290	1,859
Rhode Island	—	—	—	—	—	—	—	—	—	—
Vermont	2	11	—	—	—	—	—	—	2	11
Middle Atlantic	**296**	**1,724**	**1**	**8**	**—**	**—**	**3,449**	**21,746**	**3,746**	**23,478**
New Jersey	2	10	1	8	—	—	242	1,503	245	1,521
New York	5	27	—	—	—	—	2,906	18,342	2,911	18,369
Pennsylvania	289	1,686	—	—	—	—	301	1,902	590	3,588
East North Central	**276**	**1,598**	**—**	**—**	**—**	**—**	**166**	**1,067**	**442**	**2,665**
Illinois	20	117	—	—	—	—	65	415	85	532
Indiana	141	814	—	—	—	—	—	—	141	814
Michigan	56	328	—	—	—	—	101	652	158	981
Ohio	56	324	—	—	—	—	—	—	56	324
Wisconsin	2	14	—	—	—	—	—	—	2	14
West North Central	**63**	**364**	**—**	**—**	**—**	**—**	**2**	**13**	**65**	**377**
Iowa	6	37	—	—	—	—	—	—	6	37
Kansas	31	179	—	—	—	—	2	13	33	192
Minnesota	3	18	—	—	—	—	—	—	3	18
Missouri	12	67	—	—	—	—	—	—	12	67
Nebraska	*	2	—	—	—	—	—	—	*	2
North Dakota	10	60	—	—	—	—	—	—	10	60
South Dakota	—	—	—	—	—	—	—	—	—	—
South Atlantic	**271**	**1,573**	**—**	**—**	**—**	**—**	**4,349**	**27,671**	**4,620**	**29,244**
Delaware	5	27	—	—	—	—	215	1,356	220	1,383
District of Columbia	—	—	—	—	—	—	—	—	—	—
Florida	108	623	—	—	—	—	3,736	23,795	3,844	24,419
Georgia	58	340	—	—	—	—	—	—	58	340
Maryland	17	100	—	—	—	—	327	2,070	344	2,170
North Carolina	32	185	—	—	—	—	—	—	32	185
South Carolina	22	131	—	—	—	—	—	—	22	131
Virginia	2	9	—	—	—	—	72	450	73	460
West Virginia	27	158	—	—	—	—	—	—	27	158
East South Central	**75**	**437**	**—**	**—**	**—**	**—**	**698**	**4,642**	**773**	**5,079**
Alabama	15	88	—	—	—	—	—	—	15	88
Kentucky	18	106	—	—	—	—	—	—	18	106
Mississippi	8	47	—	—	—	—	698	4,642	706	4,689
Tennessee	33	196	—	—	—	—	—	—	33	196
West South Central	**25**	**145**	**—**	**—**	**—**	**—**	**83**	**546**	**108**	**691**
Arkansas	8	47	—	—	—	—	—	—	8	47
Louisiana	4	24	—	—	—	—	83	546	87	570
Oklahoma	1	3	—	—	—	—	—	—	1	3
Texas	12	70	—	—	—	—	—	—	12	70
Mountain	**40**	**234**	**—**	**—**	**—**	**—**	**—**	**—**	**40**	**234**
Arizona	8	48	—	—	—	—	—	—	8	48
Colorado	—	—	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—	—	—
Montana	2	12	—	—	—	—	—	—	2	12
Nevada	3	15	—	—	—	—	—	—	3	15
New Mexico	14	80	—	—	—	—	—	—	14	80
Utah	2	14	—	—	—	—	—	—	2	14
Wyoming	11	65	—	—	—	—	—	—	11	65
Pacific Contiguous	**39**	**236**	**—**	**—**	**—**	**—**	**—**	**—**	**39**	**236**
California	32	195	—	—	—	—	—	—	32	195
Oregon	6	35	—	—	—	—	—	—	6	35
Washington	1	6	—	—	—	—	—	—	1	6
Pacific Noncontiguous	**—**	**—**	**—**	**—**	**—**	**—**	**501**	**3,146**	**501**	**3,146**
Alaska	—	—	—	—	—	—	—	—	—	—
Hawaii	—	—	—	—	—	—	501	3,146	501	3,146
U.S. Total	**1,098**	**6,393**	**1**	**8**	**—**	**—**	**12,499**	**79,616**	**13,599**	**86,019**

[1] Blend of No. 2 Fuel Oil and No. 6 Fuel Oil.

* The absolute value of the number is less than 0.5.

Notes: •Totals may not equal sum of components because of independent rounding. •Totals may include small quantities of jet fuel or kerosene. •Data are for electric generating plants with total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Data for 1998 are preliminary. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants.''

Table 38. Receipts and Average Cost of Petroleum Delivered to Electric Utilities by Census Division and State

Census Division and State	December 1998 Receipts		December 1997 Receipts		Year to Date			
	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents/million Btu)[1]	
					1998	1997	1998	1997
New England	**3,265**	**20,869**	**4,254**	**27,083**	**226,571**	**230,870**	**203.5**	**274.3**
Connecticut	1,266	8,116	1,438	9,150	90,680	88,993	218.7	292.7
Maine	435	2,761	254	1,597	20,349	14,815	202.1	278.9
Massachusetts	1,273	8,121	2,116	13,470	100,043	116,833	192.6	260.7
New Hampshire	290	1,859	447	2,866	15,476	10,217	187.2	263.6
Rhode Island	—	—	—	—	—	—	—	—
Vermont	2	11	—	—	23	11	327.1	453.5
Middle Atlantic	**3,746**	**23,478**	**2,361**	**14,844**	**200,138**	**120,843**	**210.6**	**285.3**
New Jersey	245	1,521	86	528	11,121	9,456	242.2	298.7
New York	2,911	18,369	2,201	13,869	143,766	91,900	203.5	284.1
Pennsylvania	590	3,588	74	447	45,251	19,487	225.7	284.7
East North Central	**442**	**2,665**	**174**	**1,059**	**28,655**	**18,859**	**288.6**	**382.3**
Illinois	85	532	21	120	7,756	5,525	275.2	375.0
Indiana	141	814	19	110	2,891	2,247	319.4	453.1
Michigan	158	981	99	622	14,926	7,990	280.2	345.1
Ohio	56	324	31	182	2,842	2,706	332.6	437.0
Wisconsin	2	14	4	25	241	392	348.9	462.6
West North Central	**65**	**377**	**106**	**654**	**3,930**	**6,044**	**293.1**	**346.5**
Iowa	6	37	2	13	708	512	332.9	445.2
Kansas	33	192	56	352	1,506	3,175	265.5	282.1
Minnesota	3	18	2	14	259	225	352.7	483.2
Missouri	12	67	20	127	951	1,224	277.0	364.5
Nebraska	*	2	5	29	85	124	354.5	450.3
North Dakota	10	60	20	119	422	785	311.9	459.2
South Dakota	—	—	—	—	—	—	—	—
South Atlantic	**4,620**	**29,244**	**3,364**	**21,507**	**472,727**	**284,851**	**209.2**	**276.1**
Delaware	220	1,383	266	1,694	13,418	10,850	214.7	277.9
District of Columbia	—	—	4	23	2,680	845	252.9	357.7
Florida	3,844	24,419	2,672	17,175	380,775	245,667	205.9	270.2
Georgia	58	340	9	53	4,291	1,648	327.6	420.8
Maryland	344	2,170	294	1,858	38,026	12,580	211.5	296.4
North Carolina	32	185	44	257	2,358	2,033	310.5	427.7
South Carolina	23	131	13	77	632	795	327.6	454.1
Virginia	73	460	40	239	28,652	8,473	203.7	281.9
West Virginia	27	158	22	131	1,895	1,960	370.9	464.0
East South Central	**773**	**5,079**	**633**	**4,125**	**59,159**	**30,497**	**205.6**	**289.8**
Alabama	15	88	14	80	657	1,278	287.6	405.2
Kentucky	18	106	33	192	1,219	1,388	383.3	482.9
Mississippi	706	4,689	577	3,793	56,392	26,885	199.2	269.1
Tennessee	33	196	10	59	891	946	304.5	439.0
West South Central	**108**	**691**	**224**	**1,385**	**10,156**	**9,022**	**250.1**	**361.5**
Arkansas	8	47	6	37	536	427	370.8	470.2
Louisiana	87	570	121	785	8,145	5,457	222.3	301.8
Oklahoma	1	3	22	131	44	229	292.2	409.2
Texas	12	70	75	433	1,432	2,910	362.1	453.6
Mountain	**40**	**234**	**46**	**270**	**2,120**	**2,119**	**423.9**	**532.9**
Arizona	8	48	18	103	842	727	429.0	531.8
Colorado	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Montana	2	12	1	6	83	96	466.0	529.4
Nevada	3	15	1	6	173	223	379.6	507.6
New Mexico	14	80	4	23	303	257	439.3	574.6
Utah	2	14	2	12	247	135	439.6	583.6
Wyoming	11	65	21	120	472	681	405.5	517.0
Pacific Contiguous	**39**	**236**	**2**	**12**	**748**	**193**	**292.4**	**494.4**
California	32	195	—	—	627	—	274.7	—
Oregon	6	35	—	—	35	102	331.9	490.2
Washington	1	6	2	12	86	91	405.3	499.1
Pacific Noncontiguous	**502**	**3,146**	**585**	**3,656**	**43,340**	**45,334**	**261.5**	**364.3**
Alaska	—	—	—	—	—	—	—	—
Hawaii	502	3,146	585	3,656	43,340	45,334	261.5	364.3
U.S. Total	**13,599**	**86,019**	**11,750**	**74,595**	**1,047,544**	**748,634**	**213.6**	**288.0**

[1] Monetary values are expressed in nominal terms.

* Less than 0.5.

Notes: •Data for 1998 are preliminary. Data for 1997 are final. •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •The June 1989 petroleum coke receipts were 45,7 short tons and the cost was 0 89. cents per million Btu. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants.''

Table 39. Receipts and Average Cost of Petroleum Delivered to Electric Utilities by Type of Purchase, Census Division, and State, December 1998

Census Division and State	Fuel Oil No. 6 by Type of Purchase						Averaged Cost of Fuel Oils[1]					
	Contract			Spot			No. 2		No. 4-No. 5		No. 6	
	Receipts	Average Cost[1]		Receipts	Average Cost[1]							
	(1,000 bbls)	(Cents/ 10^6 Btu)	($/ bbl)	(1,000 bbls)	(Cents/ 10^6 Btu)	($/ bbl)	(Cents/ 10^6 Btu)	($/ bbl)	(Cents/ 10^6 Btu)	($/ bbl)	(Cents/ 10^6 Btu)	($/ bbl)
New England	**1,047**	**159.3**	**10.24**	**2,203**	**173.1**	**11.04**	**254.8**	**14.82**	**—**	**—**	**168.6**	**10.78**
Connecticut	256	176.9	11.51	1,008	187.5	11.98	264.6	15.34	—	—	185.3	11.88
Maine	—	—	—	433	178.7	11.35	260.9	15.21	—	—	178.7	11.35
Massachusetts	791	153.5	9.83	474	156.9	9.98	244.4	14.31	—	—	154.8	9.88
New Hampshire	—	—	—	288	141.2	9.06	256.8	14.86	—	—	141.2	9.06
Rhode Island	—	—	—	—	—	—	—	—	—	—	—	—
Vermont	—	—	—	—	—	—	277.7	15.88	—	—	—	—
Middle Atlantic	**1,229**	**153.2**	**9.72**	**2,220**	**180.5**	**11.34**	**279.3**	**16.28**	**258.8**	**15.53**	**170.7**	**10.76**
New Jersey	46	175.7	10.81	196	173.7	10.81	255.4	15.00	258.8	15.53	174.1	10.81
New York	1,183	152.3	9.68	1,723	180.8	11.36	367.1	20.98	—	—	169.1	10.67
Pennsylvania	—	—	—	301	183.4	11.58	278.0	16.21	—	—	183.4	11.58
East North Central	**13**	**341.0**	**20.51**	**153**	**242.2**	**15.61**	**272.4**	**15.78**	**—**	**—**	**249.4**	**15.99**
Illinois	—	—	—	65	221.2	14.13	294.8	17.06	—	—	221.2	14.13
Indiana	—	—	—	—	—	—	278.4	16.09	—	—	—	—
Michigan	13	341.0	20.51	88	257.4	16.69	238.0	13.90	—	—	267.4	17.18
Ohio	—	—	—	—	—	—	282.5	16.33	—	—	—	—
Wisconsin	—	—	—	—	—	—	306.6	18.01	—	—	—	—
West North Central	**—**	**—**	**—**	**2**	**156.4**	**10.08**	**259.1**	**15.08**	**—**	**—**	**156.4**	**10.08**
Iowa	—	—	—	—	—	—	262.5	15.13	—	—	—	—
Kansas	—	—	—	2	156.4	10.08	261.5	15.29	—	—	156.4	10.08
Minnesota	—	—	—	—	—	—	279.9	16.11	—	—	—	—
Missouri	—	—	—	—	—	—	286.3	16.63	—	—	—	—
Nebraska	—	—	—	—	—	—	347.3	20.15	—	—	—	—
North Dakota	—	—	—	—	—	—	210.6	12.22	—	—	—	—
South Dakota	—	—	—	—	—	—	—	—	—	—	—	—
South Atlantic	**1,793**	**169.9**	**10.84**	**2,555**	**172.9**	**10.98**	**292.9**	**16.99**	**—**	**—**	**171.6**	**10.92**
Delaware	—	—	—	215	156.5	9.88	261.5	15.21	—	—	156.5	9.88
District of Columbia	—	—	—	—	—	—	—	—	—	—	—	—
Florida	1,467	162.3	10.37	2,269	174.9	11.12	292.9	16.86	—	—	169.9	10.82
Georgia	—	—	—	—	—	—	317.8	18.49	—	—	—	—
Maryland	327	204.4	12.95	—	—	—	247.6	14.57	—	—	204.4	12.95
North Carolina	—	—	—	—	—	—	256.2	14.88	—	—	—	—
South Carolina	—	—	—	—	—	—	271.1	15.76	—	—	—	—
Virginia	—	—	—	72	156.5	9.84	305.3	17.78	—	—	156.5	9.84
West Virginia	—	—	—	—	—	—	333.7	19.53	—	—	—	—
East South Central	**—**	**—**	**—**	**698**	**175.5**	**11.67**	**282.3**	**16.53**	**—**	**—**	**175.5**	**11.67**
Alabama	—	—	—	—	—	—	220.4	12.81	—	—	—	—
Kentucky	—	—	—	—	—	—	345.8	20.22	—	—	—	—
Mississippi	—	—	—	698	175.5	11.67	292.5	17.19	—	—	175.5	11.67
Tennessee	—	—	—	—	—	—	272.9	16.04	—	—	—	—
West South Central	**—**	**—**	**—**	**83**	**199.1**	**13.10**	**268.2**	**15.69**	**—**	**—**	**199.1**	**13.10**
Arkansas	—	—	—	—	—	—	313.3	18.56	—	—	—	—
Louisiana	—	—	—	83	199.1	13.10	233.6	13.74	—	—	199.1	13.10
Oklahoma	—	—	—	—	—	—	244.7	14.13	—	—	—	—
Texas	—	—	—	—	—	—	250.6	14.53	—	—	—	—
Mountain	**—**	**—**	**—**	**—**	**—**	**—**	**399.4**	**23.23**	**—**	**—**	**—**	**—**
Arizona	—	—	—	—	—	—	389.2	23.14	—	—	—	—
Colorado	—	—	—	—	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—	—	—	—	—
Montana	—	—	—	—	—	—	449.4	26.61	—	—	—	—
Nevada	—	—	—	—	—	—	313.9	18.34	—	—	—	—
New Mexico	—	—	—	—	—	—	440.4	25.16	—	—	—	—
Utah	—	—	—	—	—	—	511.3	29.82	—	—	—	—
Wyoming	—	—	—	—	—	—	343.2	19.99	—	—	—	—
Pacific Contiguous	**—**	**—**	**—**	**—**	**—**	**—**	**244.1**	**14.76**	**—**	**—**	**—**	**—**
California	—	—	—	—	—	—	223.9	13.62	—	—	—	—
Oregon	—	—	—	—	—	—	331.9	19.52	—	—	—	—
Washington	—	—	—	—	—	—	385.7	22.68	—	—	—	—
Pacific Noncontiguous	**501**	**259.5**	**16.28**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**259.5**	**16.28**
Alaska	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii	501	259.5	16.28	—	—	—	—	—	—	—	259.5	16.28
U. S. Total	**4,584**	**173.1**	**11.03**	**7,915**	**176.9**	**11.27**	**282.5**	**16.45**	**258.8**	**15.53**	**175.5**	**11.18**

[1] Monetary values are expressed in nominal terms.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Data for 1998 are preliminary. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report on Cost and Quality of Fuels for Electric Plants.''

Table 40. Receipts and Average Cost of Heavy Oil Delivered to Electric Utilities by Sulfur Content, Census Division, and State, December 1998

Census Division and State	0.3% or Less			More than 0.3% up to 0.5%			More than 0.5% up to 1.0%		
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]	
	(1,000 bbls)	(Cents/ 10^6 Btu)	($/ bbl)	(1,000 bbls)	(Cents/ 10^6 Btu)	($/ bbl)	(1,000 bbls)	(Cents/ 10^6 Btu)	($/ bbl)
New England	**26**	**213.6**	**13.50**	**176**	**188.9**	**11.90**	**2,277**	**171.6**	**10.98**
Connecticut	—	—	—	169	188.0	11.84	1,094	184.9	11.89
Maine	—	—	—	—	—	—	214	188.5	11.97
Massachusetts	26	213.6	13.50	7	211.1	13.33	969	152.8	9.74
New Hampshire	—	—	—	—	—	—	—	—	—
Rhode Island	—	—	—	—	—	—	—	—	—
Vermont	—	—	—	—	—	—	—	—	—
Middle Atlantic	**1,109**	**175.4**	**10.91**	**466**	**176.4**	**11.07**	**1,765**	**166.4**	**10.59**
New Jersey	243	174.5	10.83	—	—	—	—	—	—
New York	866	175.6	10.93	231	171.1	10.71	1,699	165.5	10.53
Pennsylvania	—	—	—	235	181.6	11.43	66	189.5	12.13
East North Central	**—**	**—**	**—**	**17**	**235.0**	**13.97**	**149**	**250.9**	**16.22**
Illinois	—	—	—	—	—	—	65	221.2	14.13
Indiana	—	—	—	—	—	—	—	—	—
Michigan	—	—	—	17	235.0	13.97	84	273.4	17.83
Ohio	—	—	—	—	—	—	—	—	—
Wisconsin	—	—	—	—	—	—	—	—	—
West North Central	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Iowa	—	—	—	—	—	—	—	—	—
Kansas	—	—	—	—	—	—	—	—	—
Minnesota	—	—	—	—	—	—	—	—	—
Missouri	—	—	—	—	—	—	—	—	—
Nebraska	—	—	—	—	—	—	—	—	—
North Dakota	—	—	—	—	—	—	—	—	—
South Dakota	—	—	—	—	—	—	—	—	—
South Atlantic	**—**	**—**	**—**	**3**	**173.0**	**10.64**	**1,846**	**191.9**	**12.13**
Delaware	—	—	—	—	—	—	215	156.5	9.88
District of Columbia	—	—	—	—	—	—	—	—	—
Florida	—	—	—	3	173.0	10.64	1,276	195.3	12.35
Georgia	—	—	—	—	—	—	—	—	—
Maryland	—	—	—	—	—	—	283	212.2	13.42
North Carolina	—	—	—	—	—	—	—	—	—
South Carolina	—	—	—	—	—	—	—	—	—
Virginia	—	—	—	—	—	—	72	156.5	9.84
West Virginia	—	—	—	—	—	—	—	—	—
East South Central	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Alabama	—	—	—	—	—	—	—	—	—
Kentucky	—	—	—	—	—	—	—	—	—
Mississippi	—	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—	—
West South Central	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Arkansas	—	—	—	—	—	—	—	—	—
Louisiana	—	—	—	—	—	—	—	—	—
Oklahoma	—	—	—	—	—	—	—	—	—
Texas	—	—	—	—	—	—	—	—	—
Mountain	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Arizona	—	—	—	—	—	—	—	—	—
Colorado	—	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—	—
Montana	—	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—	—
New Mexico	—	—	—	—	—	—	—	—	—
Utah	—	—	—	—	—	—	—	—	—
Wyoming	—	—	—	—	—	—	—	—	—
Pacific Contiguous	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
California	—	—	—	—	—	—	—	—	—
Oregon	—	—	—	—	—	—	—	—	—
Washington	—	—	—	—	—	—	—	—	—
Pacific Noncontiguous	**76**	**240.2**	**14.96**	**425**	**262.9**	**16.52**	**—**	**—**	**—**
Alaska	—	—	—	—	—	—	—	—	—
Hawaii	76	240.2	14.96	425	262.9	16.52	—	—	—
U. S. Total	**1,211**	**180.3**	**11.22**	**1,087**	**213.2**	**13.38**	**6,037**	**178.2**	**11.35**

[1] Monetary values are expressed in nominal terms.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Fuel Oil No. 2 has been omitted from this table. •Oil and petroleum are used interchangeably in this report.•Data for 1998 are preliminary. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report on Cost and Quality of Fuels for Electric Plants.''

Table 40. Receipts and Average Cost of Heavy Oil Delivered to Electric Utilities by Sulfur Content, Census Division, and State, December 1998 (Continued)

Census Division and State	More than 1.0% up to 2.0%			More than 2.0% up to 3.0%			More than 3.0%			All Purchases	
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]			
	(1,000 bbls)	(Cents/ 10^6 Btu)	($/ bbl)	(1,000 bbls)	(Cents/ 10^6 Btu)	($/ bbl)	(1,000 bbls)	(Cents/ 10^6 Btu)	($/ bbl)	(Cents/ 10^6 Btu)	($/ bbl)
New England	**771**	**153.8**	**9.85**	**—**	**—**	**—**	**—**	**—**	**—**	**168.6**	**10.78**
Connecticut	—	—	—	—	—	—	—	—	—	185.3	11.88
Maine	220	169.2	10.75	—	—	—	—	—	—	178.7	11.35
Massachusetts	263	154.8	9.97	—	—	—	—	—	—	154.8	9.88
New Hampshire	288	141.2	9.06	—	—	—	—	—	—	141.2	9.06
Rhode Island	—	—	—	—	—	—	—	—	—	—	—
Vermont	—	—	—	—	—	—	—	—	—	—	—
Middle Atlantic	**111**	**171.3**	**10.84**	**—**	**—**	**—**	**—**	**—**	**—**	**170.7**	**10.76**
New Jersey	—	—	—	—	—	—	—	—	—	174.5	10.83
New York	111	171.3	10.84	—	—	—	—	—	—	169.1	10.67
Pennsylvania	—	—	—	—	—	—	—	—	—	183.4	11.58
East North Central	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**249.4**	**15.99**
Illinois	—	—	—	—	—	—	—	—	—	221.2	14.13
Indiana	—	—	—	—	—	—	—	—	—	—	—
Michigan	—	—	—	—	—	—	—	—	—	267.4	17.18
Ohio	—	—	—	—	—	—	—	—	—	—	—
Wisconsin	—	—	—	—	—	—	—	—	—	—	—
West North Central	**2**	**156.4**	**10.08**	**—**	**—**	**—**	**—**	**—**	**—**	**156.4**	**10.08**
Iowa	—	—	—	—	—	—	—	—	—	—	—
Kansas	2	156.4	10.08	—	—	—	—	—	—	156.4	10.08
Minnesota	—	—	—	—	—	—	—	—	—	—	—
Missouri	—	—	—	—	—	—	—	—	—	—	—
Nebraska	—	—	—	—	—	—	—	—	—	—	—
North Dakota	—	—	—	—	—	—	—	—	—	—	—
South Dakota	—	—	—	—	—	—	—	—	—	—	—
South Atlantic	**2,001**	**160.1**	**10.25**	**500**	**143.7**	**9.14**	**—**	**—**	**—**	**171.6**	**10.92**
Delaware	—	—	—	—	—	—	—	—	—	156.5	9.88
District of Columbia	—	—	—	—	—	—	—	—	—	—	—
Florida	1,957	160.3	10.26	500	143.7	9.14	—	—	—	169.9	10.82
Georgia	—	—	—	—	—	—	—	—	—	—	—
Maryland	44	154.2	9.90	—	—	—	—	—	—	204.4	12.95
North Carolina	—	—	—	—	—	—	—	—	—	—	—
South Carolina	—	—	—	—	—	—	—	—	—	—	—
Virginia	—	—	—	—	—	—	—	—	—	156.5	9.84
West Virginia	—	—	—	—	—	—	—	—	—	—	—
East South Central	**—**	**—**	**—**	**698**	**175.5**	**11.67**	**—**	**—**	**—**	**175.5**	**11.67**
Alabama	—	—	—	—	—	—	—	—	—	—	—
Kentucky	—	—	—	—	—	—	—	—	—	—	—
Mississippi	—	—	—	698	175.5	11.67	—	—	—	175.5	11.67
Tennessee	—	—	—	—	—	—	—	—	—	—	—
West South Central	**83**	**199.1**	**13.10**	**—**	**—**	**—**	**—**	**—**	**—**	**199.1**	**13.10**
Arkansas	—	—	—	—	—	—	—	—	—	—	—
Louisiana	83	199.1	13.10	—	—	—	—	—	—	199.1	13.10
Oklahoma	—	—	—	—	—	—	—	—	—	—	—
Texas	—	—	—	—	—	—	—	—	—	—	—
Mountain	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Arizona	—	—	—	—	—	—	—	—	—	—	—
Colorado	—	—	—	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—	—	—	—
Montana	—	—	—	—	—	—	—	—	—	—	—
Nevada	—	—	—	—	—	—	—	—	—	—	—
New Mexico	—	—	—	—	—	—	—	—	—	—	—
Utah	—	—	—	—	—	—	—	—	—	—	—
Wyoming	—	—	—	—	—	—	—	—	—	—	—
Pacific Contiguous	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
California	—	—	—	—	—	—	—	—	—	—	—
Oregon	—	—	—	—	—	—	—	—	—	—	—
Washington	—	—	—	—	—	—	—	—	—	—	—
Pacific Noncontiguous	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**259.5**	**16.28**
Alaska	—	—	—	—	—	—	—	—	—	—	—
Hawaii	—	—	—	—	—	—	—	—	—	259.5	16.28
U. S. Total	**2,967**	**160.0**	**10.25**	**1,198**	**162.6**	**10.61**	**—**	**—**	**—**	**175.5**	**11.18**

[1] Monetary values are expressed in nominal terms.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Fuel Oil No. 2 has been omitted from this table. •Oil and petroleum are used interchangeably in this report.•Data for 1998 are preliminary. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report on Cost and Quality of Fuels for Electric Plants.''

Table 41. Electric Utility Receipts of Gas by Type, Census Division, and State, December 1998

Census Division and State	Natural		Blast-Furnance[1]		Refinery		Total	
	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)
New England	**834**	**855**	**—**	**—**	**—**	**—**	**834**	**855**
Connecticut	119	122	—	—	—	—	119	122
Maine	—	—	—	—	—	—	—	—
Massachusetts	712	729	—	—	—	—	712	729
New Hampshire	—	—	—	—	—	—	—	—
Rhode Island	—	—	—	—	—	—	—	—
Vermont	4	4	—	—	—	—	4	4
Middle Atlantic	**11,022**	**11,349**	**—**	**—**	**—**	**—**	**11,022**	**11,349**
New Jersey	484	504	—	—	—	—	484	504
New York	10,358	10,659	—	—	—	—	10,358	10,659
Pennsylvania	180	186	—	—	—	—	180	186
East North Central	**3,161**	**3,225**	**1,442**	**232**	**—**	**—**	**4,603**	**3,457**
Illinois	1,532	1,566	—	—	—	—	1,532	1,566
Indiana	107	110	—	—	—	—	107	110
Michigan	1,165	1,186	1,442	232	—	—	2,607	1,418
Ohio	31	32	—	—	—	—	31	32
Wisconsin	326	330	—	—	—	—	326	330
West North Central	**2,202**	**2,245**	**—**	**—**	**—**	**—**	**2,202**	**2,245**
Iowa	149	150	—	—	—	—	149	150
Kansas	1,666	1,705	—	—	—	—	1,666	1,705
Minnesota	24	24	—	—	—	—	24	24
Missouri	322	325	—	—	—	—	322	325
Nebraska	41	40	—	—	—	—	41	40
North Dakota	—	—	—	—	—	—	—	—
South Dakota	—	—	—	—	—	—	—	—
South Atlantic	**18,204**	**19,170**	**—**	**—**	**19**	**20**	**18,223**	**19,190**
Delaware	917	864	—	—	—	—	917	864
District of Columbia	—	—	—	—	—	—	—	—
Florida	16,111	17,079	—	—	—	—	16,111	17,079
Georgia	14	14	—	—	—	—	14	14
Maryland	338	352	—	—	—	—	338	352
North Carolina	18	19	—	—	—	—	18	19
South Carolina	3	3	—	—	—	—	3	3
Virginia	738	773	—	—	19	20	757	792
West Virginia	65	65	—	—	—	—	65	65
East South Central	**2,312**	**2,397**	**—**	**—**	**—**	**—**	**2,312**	**2,397**
Alabama	134	140	—	—	—	—	134	140
Kentucky	81	83	—	—	—	—	81	83
Mississippi	2,097	2,173	—	—	—	—	2,097	2,173
Tennessee	—	—	—	—	—	—	—	—
West South Central	**101,521**	**104,629**	**—**	**—**	**—**	**—**	**101,521**	**104,629**
Arkansas	72	73	—	—	—	—	72	73
Louisiana	17,617	18,502	—	—	—	—	17,617	18,502
Oklahoma	13,739	14,265	—	—	—	—	13,739	14,265
Texas	70,092	71,789	—	—	—	—	70,092	71,789
Mountain	**11,315**	**11,606**	**—**	**—**	**—**	**—**	**11,315**	**11,606**
Arizona	3,324	3,387	—	—	—	—	3,324	3,387
Colorado	611	604	—	—	—	—	611	604
Idaho	—	—	—	—	—	—	—	—
Montana	34	36	—	—	—	—	34	36
Nevada	4,191	4,374	—	—	—	—	4,191	4,374
New Mexico	2,871	2,907	—	—	—	—	2,871	2,907
Utah	279	292	—	—	—	—	279	292
Wyoming	5	5	—	—	—	—	5	5
Pacific Contiguous	**20,732**	**21,172**	**—**	**—**	**—**	**—**	**20,732**	**21,172**
California	17,353	17,756	—	—	—	—	17,353	17,756
Oregon	3,379	3,416	—	—	—	—	3,379	3,416
Washington	—	—	—	—	—	—	—	—
Pacific Noncontiguous	**1,935**	**1,935**	**—**	**—**	**—**	**—**	**1,935**	**1,935**
Alaska	1,935	1,935	—	—	—	—	1,935	1,935
Hawaii	—	—	—	—	—	—	—	—
U.S. Total	**173,238**	**178,582**	**1,442**	**232**	**19**	**20**	**174,699**	**178,833**

[1] Includes coke oven gas.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Data for 1998 are preliminary. •Mcf=thousand cubic feet. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants.''

Table 42. Receipts and Average Cost of Gas Delivered to Electric Utilities by Census Division and State

Census Division and State	December 1998 Receipts		December 1997 Receipts		Year to Date			
	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents/million Btu)[1]	
					1998	1997	1998	1997
New England	**834**	**855**	**5,492**	**5,673**	**46,013**	**98,153**	**282.8**	**300.6**
Connecticut	119	122	572	587	10,704	13,993	236.9	242.1
Maine	—	—	—	—	—	—	—	—
Massachusetts	712	729	2,313	2,400	19,095	52,454	270.1	301.0
New Hampshire	—	—	—	—	—	307	—	266.6
Rhode Island	—	—	2,603	2,681	16,024	31,364	328.5	326.4
Vermont	4	4	4	4	190	34	286.1	312.1
Middle Atlantic	**11,022**	**11,349**	**14,710**	**15,080**	**232,590**	**242,561**	**251.8**	**282.2**
New Jersey	484	504	166	171	17,127	18,587	262.0	295.1
New York	10,358	10,659	14,252	14,606	210,519	220,860	249.5	281.0
Pennsylvania	180	186	292	303	4,944	3,114	316.5	292.5
East North Central	**4,603**	**3,457**	**7,560**	**5,912**	**84,716**	**61,172**	**230.1**	**259.7**
Illinois	1,532	1,566	5,067	5,150	52,891	45,684	220.7	251.4
Indiana	107	110	47	48	4,366	2,686	280.5	316.3
Michigan	2,607	1,418	2,193	459	21,728	8,749	230.6	256.3
Ohio	31	32	43	44	1,345	737	315.9	362.9
Wisconsin	326	330	210	211	4,385	3,315	264.1	314.7
West North Central	**2,202**	**2,245**	**2,258**	**2,319**	**43,668**	**29,102**	**224.0**	**267.8**
Iowa	149	150	215	215	3,192	2,756	306.2	339.8
Kansas	1,666	1,705	1,825	1,884	30,267	19,610	213.5	258.4
Minnesota	24	24	25	26	2,194	2,778	233.8	243.6
Missouri	322	325	165	166	6,049	2,906	223.3	279.4
Nebraska	41	40	28	28	1,960	1,050	242.7	287.1
North Dakota	—	—	—	—	1	1	369.3	322.0
South Dakota	—	—	—	—	5	—	176.7	—
South Atlantic	**18,223**	**19,190**	**20,103**	**21,039**	**299,133**	**324,150**	**279.2**	**302.9**
Delaware	917	864	699	725	10,828	16,549	297.7	304.7
District of Columbia	—	—	—	—	—	—	—	—
Florida	16,111	17,080	18,331	19,193	253,751	288,341	276.2	304.3
Georgia	14	14	16	16	10,976	3,148	312.8	265.5
Maryland	338	352	139	145	5,220	5,065	263.2	285.3
North Carolina	18	19	1	1	1,969	1,265	267.9	310.7
South Carolina	3	3	9	9	446	201	353.4	397.6
Virginia	757	792	845	887	15,595	9,211	295.4	274.0
West Virginia	65	65	63	63	348	372	328.9	335.1
East South Central	**2,312**	**2,397**	**2,036**	**2,094**	**58,787**	**50,822**	**224.5**	**263.4**
Alabama	134	140	84	88	1,808	1,230	247.5	277.2
Kentucky	81	83	53	54	824	589	331.9	337.3
Mississippi	2,097	2,173	1,898	1,952	56,155	49,002	222.1	262.2
Tennessee	—	—	—	—	—	—	—	—
West South Central	**101,521**	**104,629**	**97,946**	**101,827**	**1,759,379**	**1,483,702**	**227.0**	**266.7**
Arkansas	72	73	264	272	23,073	18,001	224.0	261.9
Louisiana	17,617	18,502	15,059	15,632	301,932	274,322	227.4	269.3
Oklahoma	13,739	14,265	9,953	10,322	183,464	137,853	241.2	287.8
Texas	70,092	71,789	72,671	75,601	1,250,910	1,053,526	224.9	263.3
Mountain	**11,315**	**11,606**	**7,121**	**7,262**	**137,533**	**114,156**	**230.8**	**245.5**
Arizona	3,324	3,387	719	730	36,380	22,324	239.1	294.4
Colorado	611	604	210	208	3,522	2,349	300.3	317.5
Idaho	—	—	—	—	—	—	—	—
Montana	34	36	9	10	214	110	191.8	1,348.5
Nevada	4,191	4,374	4,006	4,119	53,550	53,680	230.2	211.9
New Mexico	2,871	2,907	2,163	2,180	39,563	33,313	220.0	259.2
Utah	279	292	—	—	4,224	2,277	202.5	203.0
Wyoming	5	5	15	15	80	102	796.0	875.9
Pacific Contiguous	**20,732**	**21,172**	**27,933**	**28,549**	**301,739**	**392,832**	**261.5**	**298.0**
California	17,353	17,756	26,025	26,620	272,503	381,727	273.0	302.2
Oregon	3,379	3,416	1,907	1,928	29,233	11,090	154.1	147.6
Washington	—	—	1	1	2	16	325.9	4,519.5
Pacific Noncontiguous	**1,935**	**1,935**	**1,905**	**1,905**	**18,887**	**20,990**	**179.8**	**174.0**
Alaska	1,935	1,935	1,905	1,905	18,887	20,990	179.8	174.0
Hawaii	—	—	—	—	—	—	—	—
U.S. Total	**174,699**	**178,833**	**187,065**	**191,660**	**2,982,444**	**2,817,639**	**238.4**	**276.0**

[1] Monetary values are expressed in nominal terms.

Notes: •Data for 1998 are preliminary. Data for 1997 are final. •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Includes small quantities of coke-oven, refinery, and blast-furnace gas. •Mcf=thousand cubic feet. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants.''

Table 43. Receipts and Average Cost of Gas Delivered to Electric Utilities by Type of Purchase, Census Division, and State, December 1998

Census Division and State	Firm Gas			Interruptible Gas			Spot Gas			Total Gas		
	Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]		Receipts	Average Cost[1]	
	(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)	(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)	(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)	(1,000 Mcf)	(Cents/ 10^6 Btu)	($/ Mcf)
New England	**—**	**—**	**—**	**830**	**216.0**	**2.21**	**4**	**278.6**	**2.82**	**834**	**216.3**	**2.22**
Connecticut	—	—	—	119	185.4	1.90	—	—	—	119	185.4	1.90
Maine	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts	—	—	—	711	221.1	2.27	*	229.2	2.36	712	221.1	2.27
New Hampshire	—	—	—	—	—	—	—	—	—	—	—	—
Rhode Island	—	—	—	—	—	—	—	—	—	—	—	—
Vermont	—	—	—	—	—	—	4	283.9	2.87	4	283.9	2.87
Middle Atlantic	**1,177**	**391.9**	**3.99**	**7,308**	**214.9**	**2.22**	**2,537**	**243.2**	**2.51**	**11,022**	**240.1**	**2.47**
New Jersey	—	—	—	484	234.3	2.44	*	237.2	2.48	484	234.3	2.44
New York	1,084	407.6	4.14	6,738	206.6	2.13	2,536	243.3	2.51	10,358	236.4	2.43
Pennsylvania	93	213.7	2.22	87	748.4	7.74	—	—	—	180	471.3	4.88
East North Central	**186**	**233.0**	**2.37**	**2,865**	**243.8**	**1.43**	**1,552**	**209.9**	**2.14**	**4,603**	**227.7**	**1.71**
Illinois	87	216.2	2.22	56	239.4	2.51	1,389	205.7	2.10	1,532	207.5	2.12
Indiana	—	—	—	107	325.8	3.36	—	—	—	107	325.8	3.36
Michigan	89	245.2	2.47	2,375	229.2	1.14	143	221.0	2.21	2,607	229.4	1.25
Ohio	10	273.9	2.81	1	438.7	4.39	20	426.1	4.38	31	378.4	3.88
Wisconsin	—	—	—	326	269.0	2.73	—	—	—	326	269.0	2.73
West North Central	**37**	**339.2**	**3.40**	**1,915**	**220.5**	**2.25**	**250**	**277.5**	**2.77**	**2,202**	**228.8**	**2.33**
Iowa	19	376.4	3.80	130	329.4	3.31	*	361.9	3.62	149	335.4	3.38
Kansas	10	226.0	2.23	1,474	209.0	2.14	182	276.1	2.76	1,666	216.3	2.21
Minnesota	1	1,636.0	16.74	23	279.8	2.86	—	—	—	24	335.4	3.43
Missouri	—	—	—	255	215.7	2.18	68	281.1	2.81	322	229.4	2.31
Nebraska	7	218.0	2.18	33	311.4	3.08	—	—	—	41	294.5	2.92
North Dakota	—	—	—	—	—	—	—	—	—	—	—	—
South Dakota	—	—	—	—	—	—	—	—	—	—	—	—
South Atlantic	**15,704**	**283.4**	**2.98**	**1,742**	**191.6**	**2.02**	**777**	**380.9**	**3.99**	**18,223**	**278.7**	**2.94**
Delaware	917	354.1	3.34	—	—	—	—	—	—	917	354.1	3.34
District of Columbia	—	—	—	—	—	—	—	—	—	—	—	—
Florida	14,788	279.5	2.96	1,284	168.0	1.78	40	190.0	2.01	16,111	270.4	2.87
Georgia	—	—	—	14	206.2	2.11	—	—	—	14	206.2	2.11
Maryland	—	—	—	338	253.6	2.64	—	—	—	338	253.6	2.64
North Carolina	—	—	—	18	374.2	3.93	—	—	—	18	374.2	3.93
South Carolina	—	—	—	3	395.3	4.05	—	—	—	3	395.3	4.05
Virginia	—	—	—	19	134.2	1.37	738	391.3	4.10	757	384.9	4.03
West Virginia	—	—	—	65	302.2	3.02	—	—	—	65	302.2	3.02
East South Central	**—**	**—**	**—**	**1,349**	**208.0**	**2.17**	**963**	**182.6**	**1.88**	**2,312**	**197.5**	**2.05**
Alabama	—	—	—	134	257.2	2.68	—	—	—	134	257.2	2.68
Kentucky	—	—	—	—	—	—	81	282.7	2.90	81	282.7	2.90
Mississippi	—	—	—	1,215	202.6	2.11	882	173.5	1.78	2,097	190.4	1.97
Tennessee	—	—	—	—	—	—	—	—	—	—	—	—
West South Central	**58,029**	**230.0**	**2.37**	**5,303**	**198.3**	**2.04**	**38,189**	**198.1**	**2.05**	**101,521**	**216.3**	**2.23**
Arkansas	—	—	—	—	—	—	72	231.2	2.35	72	231.2	2.35
Louisiana	7,030	230.7	2.43	1,645	190.3	2.00	8,942	188.9	1.98	17,617	205.8	2.16
Oklahoma	10,894	221.1	2.30	1,179	217.4	2.24	1,666	209.5	2.17	13,739	219.4	2.28
Texas	40,104	232.3	2.37	2,479	194.7	1.97	27,509	200.4	2.06	70,092	218.4	2.24
Mountain	**3,352**	**246.5**	**2.50**	**5,496**	**188.1**	**1.93**	**2,467**	**246.2**	**2.56**	**11,315**	**218.0**	**2.24**
Arizona	1,419	237.5	2.43	1,746	228.4	2.32	158	254.3	2.61	3,324	233.6	2.38
Colorado	611	336.6	3.33	—	—	—	—	—	—	611	336.6	3.33
Idaho	—	—	—	—	—	—	—	—	—	—	—	—
Montana	33	136.4	1.42	1	315.1	3.69	—	—	—	34	141.8	1.48
Nevada	—	—	—	2,161	142.1	1.49	2,030	247.3	2.57	4,191	192.9	2.01
New Mexico	1,283	214.5	2.17	1,588	208.1	2.11	—	—	—	2,871	211.0	2.14
Utah	—	—	—	—	—	—	279	233.8	2.45	279	233.8	2.45
Wyoming	5	1,071.2	11.18	—	—	—	—	—	—	5	1,071.2	11.18
Pacific Contiguous	**2,381**	**227.2**	**2.28**	**3,695**	**292.2**	**2.98**	**14,656**	**275.7**	**2.83**	**20,732**	**273.1**	**2.79**
California	2,045	235.1	2.36	3,695	292.2	2.98	11,614	297.3	3.06	17,353	289.1	2.96
Oregon	336	179.2	1.81	—	—	—	3,043	191.6	1.94	3,379	190.4	1.92
Washington	—	—	—	—	—	—	—	—	—	—	—	—
Pacific Noncontiguous	**1,935**	**172.2**	**1.72**	**—**	**—**	**—**	**—**	**—**	**—**	**1,935**	**172.2**	**1.72**
Alaska	1,935	172.2	1.72	—	—	—	—	—	—	1,935	172.2	1.72
Hawaii	—	—	—	—	—	—	—	—	—	—	—	—
U. S. Total	**82,801**	**241.9**	**2.49**	**30,502**	**216.8**	**2.14**	**61,396**	**223.1**	**2.30**	**174,699**	**231.0**	**2.36**

[1] Monetary values are expressed in nominal terms.

* = Less than 0.05.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Data for 1998 are preliminary. •Mcf=thousand cubic feet. •Due to restructuring of the electric power industry, electric utilities are selling plants to the nonutility sector. This will affect comparisons of current and historical data.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report on Cost and Quality of Fuels for Electric Plants.''

U.S. Electric Utility Sales, Revenue, and Average Revenue per Kilowatthour

Table 44. U.S. Electric Utility Retail Sales of Electricity by Sector, 1989 Through January 1999
(Million Kilowatthours)

Period	Residential	Commercial	Industrial	Other[1]	All Sectors
1989	**905,525**	**725,861**	**925,659**	**89,765**	**2,646,809**
1990	**924,019**	**751,027**	**945,522**	**91,988**	**2,712,555**
1991	**955,417**	**765,664**	**946,583**	**94,339**	**2,762,003**
1992	**935,939**	**761,271**	**972,714**	**93,442**	**2,763,365**
1993	**994,781**	**794,573**	**977,164**	**94,944**	**2,861,462**
1994	**1,008,482**	**820,269**	**1,007,981**	**97,830**	**2,934,563**
1995	**1,042,501**	**862,685**	**1,012,693**	**95,407**	**3,013,287**
1996	**1,082,491**	**887,425**	**1,030,356**	**97,539**	**3,097,810**
1997					
January	106,127	76,539	83,516	8,588	274,769
February	90,242	70,536	81,315	8,237	250,330
March	81,412	70,937	82,783	7,924	243,056
April	72,733	69,769	83,850	7,923	234,275
May	70,769	71,402	86,058	8,047	236,276
June	83,575	80,020	88,804	8,542	260,942
July	109,321	89,079	88,181	9,180	295,761
August	106,960	86,803	90,993	9,112	293,868
September	94,792	84,363	89,724	9,357	278,236
October	84,112	80,495	88,632	9,127	262,366
November	79,984	72,768	84,895	8,432	246,079
December	95,738	75,729	83,904	8,433	263,803
Total	**1,075,767**	**928,440**	**1,032,653**	**102,901**	**3,139,761**
1998					
January	101,982	74,608	82,546	8,245	267,381
February	86,072	69,690	82,670	7,497	245,929
March	85,485	72,227	84,516	7,864	250,092
April	73,741	70,450	84,320	7,593	236,104
May	77,047	75,653	89,359	8,024	250,083
June	98,128	84,146	89,934	8,474	280,682
July	120,837	91,183	88,810	8,583	309,413
August	119,647	92,564	93,292	9,043	314,545
September	106,067	88,140	89,541	9,400	293,147
October	86,319	79,803	87,977	8,462	262,561
November	76,555	74,183	87,225	8,520	246,483
December	92,123	76,258	87,157	8,163	263,702
Total	**1,124,004**	**948,904**	**1,047,346**	**99,868**	**3,220,121**
1999					
January	110,691	78,321	82,535	8,150	279,696
Year to Date					
1999	**110,691**	**78,321**	**82,535**	**8,150**	**279,696**
1998	**101,982**	**74,608**	**82,546**	**8,245**	**267,381**
1997	**106,127**	**76,539**	**83,516**	**8,588**	**274,769**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

Notes: •Values for 1999 are estimates based on a cutoff model sample; see Technical Notes for a discussion of the sample design for the Form EIA-826. Values for 1998 have been revised and are preliminary. Values for 1997 and prior years are final. •Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. •Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-826, ''Monthly Electric Utility Sales and Revenue Report with State Distributions,'' and Form EIA-861, ''Annual Electric Utility Report.''

Table 45. Estimated U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, January 1999 and 1998

(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998
New England	**4,266**	**3,801**	**3,930**	**3,663**	**2,040**	**2,022**	**131**	**137**	**10,367**	**9,623**
Connecticut	1,252	1,070	960	976	430	440	34	37	2,677	2,524
Maine	385	346	303	270	367	371	5	5	1,059	993
Massachusetts	1,767	1,674	1,940	1,832	792	813	60	62	4,559	4,381
New Hampshire	398	348	309	293	205	189	13	13	925	843
Rhode Island	260	154	251	144	121	72	16	16	648	386
Vermont	203	209	167	146	124	138	4	3	498	496
Middle Atlantic	**10,624**	**9,943**	**9,975**	**10,054**	**6,743**	**6,959**	**1,339**	**1,401**	**28,681**	**28,358**
New Jersey	2,187	2,036	2,603	2,503	1,074	1,091	60	50	5,924	5,680
New York	3,841	3,655	4,199	4,499	2,045	2,057	1,154	1,243	11,238	11,454
Pennsylvania	4,596	4,252	3,173	3,053	3,624	3,811	125	108	11,518	11,224
East North Central	**17,250**	**15,319**	**12,486**	**11,866**	**17,797**	**17,338**	**1,241**	**1,306**	**48,774**	**45,829**
Illinois	3,874	3,621	3,337	3,208	3,446	3,372	748	776	11,404	10,977
Indiana	3,054	2,649	1,679	1,575	3,599	3,523	52	53	8,384	7,800
Michigan	2,985	2,786	2,833	2,692	2,700	2,727	65	84	8,584	8,289
Ohio	5,432	4,411	3,165	3,047	5,888	5,662	303	327	14,787	13,448
Wisconsin	1,905	1,852	1,472	1,343	2,165	2,054	73	65	5,615	5,315
West North Central	**8,312**	**7,666**	**5,690**	**5,372**	**6,211**	**6,573**	**476**	**482**	**20,689**	**20,094**
Iowa	1,122	1,077	687	647	1,250	1,253	107	116	3,166	3,092
Kansas	1,009	897	965	900	758	761	35	34	2,768	2,592
Minnesota	1,824	1,642	982	916	2,153	2,249	65	64	5,025	4,872
Missouri	2,758	2,548	2,034	1,918	1,216	1,472	88	87	6,096	6,025
Nebraska	797	757	555	548	519	542	112	107	1,983	1,954
North Dakota	434	402	256	241	164	152	39	40	894	836
South Dakota	366	343	211	201	150	145	30	34	757	723
South Atlantic	**25,880**	**24,178**	**17,640**	**16,747**	**12,111**	**12,503**	**1,739**	**1,591**	**57,370**	**55,019**
Delaware	354	317	278	261	295	298	5	4	931	880
District of Columbia	154	142	626	616	18	25	31	32	830	815
Florida	7,447	7,227	5,395	5,028	1,400	1,369	454	432	14,696	14,056
Georgia	3,478	3,393	2,563	2,410	2,596	2,558	110	102	8,747	8,463
Maryland	2,438	2,156	2,074	1,937	829	841	63	71	5,404	5,005
North Carolina	4,694	4,372	2,692	2,640	2,292	2,562	169	167	9,848	9,741
South Carolina	2,450	2,224	1,346	1,254	2,296	2,386	69	72	6,161	5,936
Virginia	3,770	3,400	2,114	2,091	1,467	1,557	830	701	8,181	7,748
West Virginia	1,094	947	552	510	918	908	9	9	2,572	2,374
East South Central	**10,380**	**9,138**	**3,889**	**3,356**	**10,832**	**10,206**	**464**	**431**	**25,566**	**23,132**
Alabama	2,704	2,268	1,226	857	2,702	2,263	50	45	6,681	5,433
Kentucky	2,532	2,123	978	904	3,475	3,377	268	251	7,253	6,655
Mississippi	1,337	1,274	701	631	1,292	1,316	55	50	3,385	3,270
Tennessee	3,807	3,473	985	964	3,363	3,250	92	85	8,247	7,773
West South Central	**14,108**	**12,683**	**9,015**	**8,494**	**12,730**	**12,700**	**1,450**	**1,392**	**37,304**	**35,270**
Arkansas	1,349	1,206	637	596	1,234	1,238	49	50	3,269	3,090
Louisiana	1,992	1,873	1,317	1,259	2,630	2,620	208	200	6,147	5,952
Oklahoma	1,653	1,536	937	914	1,087	1,036	204	194	3,881	3,679
Texas	9,114	8,068	6,124	5,725	7,779	7,807	990	948	24,007	22,548
Mountain	**6,366**	**6,285**	**5,205**	**4,927**	**5,349**	**5,522**	**604**	**642**	**17,524**	**17,375**
Arizona	1,840	1,862	1,430	1,324	953	1,030	194	223	4,416	4,439
Colorado	1,411	1,284	1,420	1,317	805	817	87	83	3,724	3,501
Idaho	778	750	418	391	670	681	26	26	1,891	1,849
Montana	403	427	306	287	339	482	19	20	1,066	1,215
Nevada	681	667	435	401	819	771	66	78	2,002	1,916
New Mexico	447	475	435	458	495	520	109	108	1,486	1,561
Utah	554	576	538	526	683	688	65	66	1,841	1,856
Wyoming	252	243	223	224	584	532	38	38	1,098	1,037
Pacific Contiguous	**13,059**	**12,533**	**10,048**	**9,700**	**8,340**	**8,342**	**683**	**841**	**32,130**	**31,417**
California	6,984	6,703	6,703	6,459	4,660	4,614	281	441	18,628	18,216
Oregon	2,203	2,084	1,245	1,201	1,092	1,205	61	59	4,602	4,548
Washington	3,872	3,746	2,100	2,040	2,588	2,524	341	342	8,900	8,652
Pacific Noncontiguous	**444**	**436**	**443**	**429**	**382**	**381**	**23**	**20**	**1,291**	**1,266**
Alaska	207	204	223	216	77	70	18	15	525	505
Hawaii	237	232	220	213	305	310	5	5	766	761
U.S. Total	**110,691**	**101,982**	**78,321**	**74,608**	**82,535**	**82,546**	**8,150**	**8,245**	**279,696**	**267,381**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

Notes: •Values for 1999 are estimates based on a cutoff model sample; see Technical Notes for a discussion of the sample design for the Form EIA-826. Values for 1998 have been revised and are preliminary. •Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. •Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-826, ''Monthly Electric Utility Sales and Revenue Report with State Distributions.''

Table 46. Estimated Coefficients of Variation for U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division and State, January 1999

(Percent)

Census Division and State	Residential	Commercial	Industrial	Other[1]	All Sectors
New England	**0.6**	**0.9**	**1.1**	**2.1**	**0.6**
Connecticut	.4	.3	.6	.4	.4
Maine	.2	3.7	3.2	14.5	.1
Massachusetts	1.5	1.7	1.8	4.5	1.4
New Hampshire	.2	.2	4.5	3.4	1.0
Rhode Island	.1	.3	.9	.6	.4
Vermont	3.0	2.6	6.7	3.8	.8
Middle Atlantic	**1.2**	**1.6**	**1.9**	**2.5**	**1.1**
New Jersey	.7	.1	.6	1.8	.4
New York	2.9	3.6	2.8	2.8	2.6
Pennsylvania	1.1	1.8	3.2	1.3	1.0
East North Central	**.9**	**.8**	**1.6**	**1.2**	**.6**
Illinois	1.5	.2	2.1	.0	.4
Indiana	2.0	.5	2.6	4.8	2.3
Michigan	.2	3.3	8.7	9.6	.3
Ohio	1.9	.7	2.1	4.1	1.5
Wisconsin	4.0	.4	1.0	5.0	1.4
West North Central	**1.1**	**1.0**	**.8**	**4.0**	**.5**
Iowa	.5	1.6	1.9	.6	.8
Kansas	1.2	.9	2.0	10.1	1.3
Minnesota	3.4	5.3	1.8	3.1	1.2
Missouri	2.0	.5	1.0	2.4	1.0
Nebraska	3.5	1.7	2.5	16.3	2.0
North Dakota	2.1	5.3	4.4	4.3	1.8
South Dakota	1.9	3.1	4.2	5.9	1.8
South Atlantic	**.6**	**.4**	**.8**	**.7**	**.4**
Delaware	.4	.4	1.3	1.5	.7
District of Columbia	.0	.0	.0	.0	.0
Florida	.7	.9	1.4	1.2	.1
Georgia	1.8	.9	1.1	1.7	1.1
Maryland	.9	1.3	.5	7.6	.6
North Carolina	1.2	1.5	.8	5.5	.3
South Carolina	1.9	1.1	3.7	2.5	2.1
Virginia	2.9	.7	2.3	.5	1.6
West Virginia	.4	1.1	.2	5.5	.5
East South Central	**2.1**	**1.5**	**2.1**	**3.5**	**1.5**
Alabama	2.1	3.6	.7	3.5	1.7
Kentucky	5.0	1.0	6.2	.8	4.1
Mississippi	2.4	1.8	2.4	1.8	1.5
Tennessee	4.2	3.9	1.5	17.3	2.5
West South Central	**2.4**	**.8**	**1.0**	**1.1**	**.7**
Arkansas	2.0	.7	2.5	2.8	1.2
Louisiana	1.7	1.3	2.8	1.8	2.5
Oklahoma	1.8	3.9	.6	6.4	1.6
Texas	3.7	.9	1.3	.7	.9
Mountain	**.5**	**.8**	**1.1**	**4.5**	**.6**
Arizona	.7	1.5	2.2	8.6	1.0
Colorado	.9	1.3	.8	16.2	.4
Idaho	.6	4.0	2.7	15.8	1.1
Montana	5.4	7.3	14.2	2.8	8.1
Nevada	2.3	.5	1.4	1.8	1.1
New Mexico	.3	.9	1.7	.8	.9
Utah	.4	1.3	.9	2.6	.8
Wyoming	3.4	5.5	1.4	39.7	3.3
Pacific Contiguous	**1.8**	**.4**	**2.8**	**5.7**	**2.1**
California	3.3	.5	1.3	12.6	1.2
Oregon	.2	1.1	5.4	9.3	2.9
Washington	.7	.5	8.3	4.3	7.2
Pacific Noncontiguous	**.4**	**.3**	**3.2**	**3.1**	**1.0**
Alaska	.7	.5	15.6	3.9	2.3
Hawaii	.5	.3	.6	.2	.6
U.S. Average	**.5**	**.3**	**.6**	**.8**	**.3**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

Notes: •See technical notes for CV methodology. •It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high coefficient of variations.

Sources: Energy Information Administration, Form EIA-826, ''Monthly Electric Utility Sales and Revenue Report with State Distributions.''

Table 47. Estimated U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, Year-to-Date 1999 and 1998

(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998
New England	**4,266**	**3,801**	**3,930**	**3,663**	**2,040**	**2,022**	**131**	**137**	**10,367**	**9,623**
Connecticut	1,252	1,070	960	976	430	440	34	37	2,677	2,524
Maine	385	346	303	270	367	371	5	5	1,059	993
Massachusetts	1,767	1,674	1,940	1,832	792	813	60	62	4,559	4,381
New Hampshire	398	348	309	293	205	189	13	13	925	843
Rhode Island	260	154	251	144	121	72	16	16	648	386
Vermont	203	209	167	146	124	138	4	3	498	496
Middle Atlantic	**10,624**	**9,943**	**9,975**	**10,054**	**6,743**	**6,959**	**1,339**	**1,401**	**28,681**	**28,358**
New Jersey	2,187	2,036	2,603	2,503	1,074	1,091	60	50	5,924	5,680
New York	3,841	3,655	4,199	4,499	2,045	2,057	1,154	1,243	11,238	11,454
Pennsylvania	4,596	4,252	3,173	3,053	3,624	3,811	125	108	11,518	11,224
East North Central	**17,250**	**15,319**	**12,486**	**11,866**	**17,797**	**17,338**	**1,241**	**1,306**	**48,774**	**45,829**
Illinois	3,874	3,621	3,337	3,208	3,446	3,372	748	776	11,404	10,977
Indiana	3,054	2,649	1,679	1,575	3,599	3,523	52	53	8,384	7,800
Michigan	2,985	2,786	2,833	2,692	2,700	2,727	65	84	8,584	8,289
Ohio	5,432	4,411	3,165	3,047	5,888	5,662	303	327	14,787	13,448
Wisconsin	1,905	1,852	1,472	1,343	2,165	2,054	73	65	5,615	5,315
West North Central	**8,312**	**7,666**	**5,690**	**5,372**	**6,211**	**6,573**	**476**	**482**	**20,689**	**20,094**
Iowa	1,122	1,077	687	647	1,250	1,253	107	116	3,166	3,092
Kansas	1,009	897	965	900	758	761	35	34	2,768	2,592
Minnesota	1,824	1,642	982	916	2,153	2,249	65	64	5,025	4,872
Missouri	2,758	2,548	2,034	1,918	1,216	1,472	88	87	6,096	6,025
Nebraska	797	757	555	548	519	542	112	107	1,983	1,954
North Dakota	434	402	256	241	164	152	39	40	894	836
South Dakota	366	343	211	201	150	145	30	34	757	723
South Atlantic	**25,880**	**24,178**	**17,640**	**16,747**	**12,111**	**12,503**	**1,739**	**1,591**	**57,370**	**55,019**
Delaware	354	317	278	261	295	298	5	4	931	880
District of Columbia	154	142	626	616	18	25	31	32	830	815
Florida	7,447	7,227	5,395	5,028	1,400	1,369	454	432	14,696	14,056
Georgia	3,478	3,393	2,563	2,410	2,596	2,558	110	102	8,747	8,463
Maryland	2,438	2,156	2,074	1,937	829	841	63	71	5,404	5,005
North Carolina	4,694	4,372	2,692	2,640	2,292	2,562	169	167	9,848	9,741
South Carolina	2,450	2,224	1,346	1,254	2,296	2,386	69	72	6,161	5,936
Virginia	3,770	3,400	2,114	2,091	1,467	1,557	830	701	8,181	7,748
West Virginia	1,094	947	552	510	918	908	9	9	2,572	2,374
East South Central	**10,380**	**9,138**	**3,889**	**3,356**	**10,832**	**10,206**	**464**	**431**	**25,566**	**23,132**
Alabama	2,704	2,268	1,226	857	2,702	2,263	50	45	6,681	5,433
Kentucky	2,532	2,123	978	904	3,475	3,377	268	251	7,253	6,655
Mississippi	1,337	1,274	701	631	1,292	1,316	55	50	3,385	3,270
Tennessee	3,807	3,473	985	964	3,363	3,250	92	85	8,247	7,773
West South Central	**14,108**	**12,683**	**9,015**	**8,494**	**12,730**	**12,700**	**1,450**	**1,392**	**37,304**	**35,270**
Arkansas	1,349	1,206	637	596	1,234	1,238	49	50	3,269	3,090
Louisiana	1,992	1,873	1,317	1,259	2,630	2,620	208	200	6,147	5,952
Oklahoma	1,653	1,536	937	914	1,087	1,036	204	194	3,881	3,679
Texas	9,114	8,068	6,124	5,725	7,779	7,807	990	948	24,007	22,548
Mountain	**6,366**	**6,285**	**5,205**	**4,927**	**5,349**	**5,522**	**604**	**642**	**17,524**	**17,375**
Arizona	1,840	1,862	1,430	1,324	953	1,030	194	223	4,416	4,439
Colorado	1,411	1,284	1,420	1,317	805	817	87	83	3,724	3,501
Idaho	778	750	418	391	670	681	26	26	1,891	1,849
Montana	403	427	306	287	339	482	19	20	1,066	1,215
Nevada	681	667	435	401	819	771	66	78	2,002	1,916
New Mexico	447	475	435	458	495	520	109	108	1,486	1,561
Utah	554	576	538	526	683	688	65	66	1,841	1,856
Wyoming	252	243	223	224	584	532	38	38	1,098	1,037
Pacific Contiguous	**13,059**	**12,533**	**10,048**	**9,700**	**8,340**	**8,342**	**683**	**841**	**32,130**	**31,417**
California	6,984	6,703	6,703	6,459	4,660	4,614	281	441	18,628	18,216
Oregon	2,203	2,084	1,245	1,201	1,092	1,205	61	59	4,602	4,548
Washington	3,872	3,746	2,100	2,040	2,588	2,524	341	342	8,900	8,652
Pacific Noncontiguous	**444**	**436**	**443**	**429**	**382**	**381**	**23**	**20**	**1,291**	**1,266**
Alaska	207	204	223	216	77	70	18	15	525	505
Hawaii	237	232	220	213	305	310	5	5	766	761
U.S. Total	**110,691**	**101,982**	**78,321**	**74,608**	**82,535**	**82,546**	**8,150**	**8,245**	**279,696**	**267,381**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

Notes: •Values for 1999 are estimates based on a cutoff model sample; see Technical Notes for a discussion of the sample design for the Form EIA-826. Values for 1998 have been revised and are preliminary. •Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. •Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-826, ''Monthly Electric Utility Sales and Revenue Report with State Distributions.''

Table 48. Revenue from U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, 1989 Through January 1999

(Million Dollars)

Period	Residential	Commercial	Industrial	Other[1]	All Sectors
1989	**69,240**	**52,228**	**43,719**	**5,609**	**170,797**
1990	**72,378**	**55,117**	**44,857**	**5,891**	**178,243**
1991	**76,828**	**57,655**	**45,737**	**6,138**	**186,359**
1992	**76,848**	**58,343**	**46,993**	**6,296**	**188,480**
1993	**82,814**	**61,521**	**47,357**	**6,528**	**198,220**
1994	**84,552**	**63,396**	**48,069**	**6,689**	**202,706**
1995	**87,610**	**66,365**	**47,175**	**6,567**	**207,717**
1996	**90,501**	**67,827**	**47,385**	**6,741**	**212,455**
1997					
January	8,350	5,561	3,682	584	18,176
February	7,201	5,208	3,584	554	16,547
March	6,709	5,281	3,650	556	16,195
April	6,094	5,161	3,629	544	15,429
May	6,123	5,412	3,780	563	15,878
June	7,449	6,309	4,096	611	18,466
July	9,556	7,005	4,251	626	21,438
August	9,409	6,864	4,334	645	21,251
September	8,292	6,627	4,243	657	19,819
October	7,223	6,165	4,085	631	18,104
November	6,597	5,408	3,777	572	16,355
December	7,689	5,481	3,661	567	17,399
Total	**90,694**	**70,482**	**46,772**	**7,110**	**215,059**
1998					
January	8,042	5,399	3,622	539	17,601
February	6,876	5,090	3,580	510	16,056
March	6,858	5,270	3,681	542	16,351
April	6,070	5,159	3,646	521	15,396
May	6,551	5,651	3,962	550	16,714
June	8,371	6,414	4,199	593	19,577
July	10,393	7,029	4,332	602	22,356
August	10,271	7,119	4,482	621	22,493
September	8,961	6,671	4,157	632	20,421
October	7,134	5,955	3,912	586	17,587
November	6,169	5,287	3,791	534	15,781
December	7,310	5,435	3,764	560	17,069
Total	**93,005**	**70,478**	**47,129**	**6,790**	**217,401**
1999					
January	8,406	5,434	3,528	543	17,910
Year to Date					
1999	**8,406**	**5,434**	**3,528**	**543**	**17,910**
1998	**8,042**	**5,399**	**3,622**	**539**	**17,601**
1997	**8,350**	**5,561**	**3,682**	**584**	**18,176**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

Notes: •Values for 1999 are estimates based on a cutoff model sample; see Technical Notes for a discussion of the sample design for the Form EIA-826. Values for 1998 have been revised and are preliminary. Values for 1997 and prior years are final. •Values for 1996 in the commercial and industrial sectors for Maryland, the South Atlantic Census Division, and the U.S. Total reflect an electric utility's reclassification for this information by Standard Industrial Classification Code (SIC). •Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. •Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-826, ''Monthly Electric Utility Sales and Revenue Report with State Distributions,'' and Form EIA-861, ''Annual Electric Utility Report.''

Table 49. Estimated Revenue from U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, January 1999 and 1998

(Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998
New England	**467**	**439**	**360**	**367**	**151**	**167**	**16**	**17**	**995**	**991**
Connecticut	141	126	91	96	31	35	4	5	267	262
Maine	51	45	36	32	28	29	1	1	117	107
Massachusetts	169	177	157	173	55	69	7	8	388	427
New Hampshire	55	44	35	33	18	17	1	2	109	96
Rhode Island	25	19	21	16	8	7	2	1	56	42
Vermont	27	28	20	17	10	11	1	1	58	57
Middle Atlantic	**1,152**	**1,122**	**946**	**1,006**	**363**	**404**	**118**	**113**	**2,579**	**2,646**
New Jersey	241	231	252	247	83	87	9	7	585	572
New York	517	508	462	519	95	104	96	93	1,169	1,224
Pennsylvania	394	383	232	240	185	214	13	13	824	850
East North Central	**1,301**	**1,244**	**864**	**840**	**780**	**760**	**79**	**86**	**3,024**	**2,930**
Illinois	288	349	221	236	164	164	44	49	717	797
Indiana	203	180	103	96	142	140	4	4	453	420
Michigan	260	237	222	205	138	134	7	8	626	584
Ohio	413	351	232	225	251	245	19	21	914	842
Wisconsin	136	128	87	78	85	77	5	4	313	287
West North Central	**523**	**491**	**312**	**297**	**249**	**255**	**29**	**27**	**1,113**	**1,069**
Iowa	84	84	39	41	44	48	8	7	175	179
Kansas	68	63	58	54	33	33	3	3	162	153
Minnesota	125	112	57	53	94	91	4	4	281	260
Missouri	155	147	103	97	46	52	5	5	310	301
Nebraska	42	40	27	26	18	18	6	5	92	90
North Dakota	25	23	15	13	7	6	2	2	48	44
South Dakota	24	23	13	12	6	6	1	1	45	42
South Atlantic	**1,888**	**1,800**	**1,084**	**1,051**	**487**	**510**	**106**	**102**	**3,566**	**3,463**
Delaware	29	27	18	18	13	14	1	1	61	59
District of Columbia	11	10	37	39	1	1	2	2	50	53
Florida	596	575	350	323	69	67	30	30	1,045	996
Georgia	226	230	162	169	94	96	9	9	491	504
Maryland	178	158	122	112	32	32	6	6	337	308
North Carolina	358	336	166	162	105	119	12	12	640	630
South Carolina	172	162	83	78	81	84	4	4	340	329
Virginia	254	244	116	122	58	62	42	38	471	466
West Virginia	65	57	30	28	34	34	1	1	131	119
East South Central	**612**	**554**	**230**	**213**	**400**	**386**	**27**	**26**	**1,269**	**1,180**
Alabama	168	142	76	64	97	90	4	3	344	299
Kentucky	129	114	48	45	101	96	11	11	289	266
Mississippi	80	84	43	43	50	54	4	5	178	185
Tennessee	234	214	63	61	153	146	8	7	458	429
West South Central	**922**	**858**	**567**	**547**	**495**	**507**	**88**	**84**	**2,072**	**1,996**
Arkansas	87	83	34	33	46	46	3	3	170	165
Louisiana	130	137	83	89	100	118	12	13	326	357
Oklahoma	90	83	44	42	38	34	8	8	180	167
Texas	614	554	406	382	311	309	64	61	1,396	1,307
Mountain	**447**	**441**	**311**	**305**	**213**	**212**	**31**	**33**	**1,001**	**992**
Arizona	137	141	93	95	52	48	8	10	290	295
Colorado	101	93	77	73	35	35	7	7	220	208
Idaho	41	37	19	17	18	17	1	1	79	72
Montana	28	28	18	18	13	18	2	1	60	66
Nevada	49	46	29	26	34	30	2	3	114	104
New Mexico	38	42	34	36	21	24	6	6	99	108
Utah	38	39	30	28	22	22	3	3	92	93
Wyoming	15	15	12	12	19	18	1	1	47	46
Pacific Contiguous	**1,042**	**1,037**	**711**	**724**	**356**	**383**	**46**	**47**	**2,156**	**2,190**
California	715	728	543	562	244	268	30	30	1,533	1,588
Oregon	124	116	61	60	35	40	3	3	223	219
Washington	203	193	108	103	76	74	13	14	400	383
Pacific Noncontiguous	**52**	**57**	**46**	**48**	**33**	**37**	**3**	**3**	**135**	**145**
Alaska	22	23	20	20	6	5	2	2	50	51
Hawaii	30	34	27	28	28	32	1	1	85	94
U.S. Total	**8,406**	**8,042**	**5,434**	**5,399**	**3,528**	**3,622**	**543**	**539**	**17,910**	**17,601**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

Notes: •Values for 1999 are estimates based on a cutoff model sample; see Technical Notes for a discussion of the sample design for the Form EIA-826. Values for 1998 have been revised and are preliminary. •Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. •Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-826, ''Monthly Electric Utility Sales and Revenue Report with State Distributions.''

Table 50. Estimated Coefficients of Variation for Revenue from U.S. Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, January 1999

(Percent)

Census Division and State	Residential	Commercial	Industrial	Other[1]	All Sectors
New England	**0.4**	**0.9**	**1.6**	**1.2**	**0.4**
Connecticut	.5	.4	.8	.4	.5
Maine	.2	2.8	4.5	6.8	.1
Massachusetts	.8	1.8	2.1	2.5	.7
New Hampshire	1.0	2.0	4.8	.3	1.7
Rhode Island	.6	.2	.0	.8	.2
Vermont	3.0	2.9	12.7	5.5	2.6
Middle Atlantic	**2.2**	**2.5**	**2.4**	**2.4**	**2.1**
New Jersey	.4	.1	.6	1.4	.3
New York	4.2	5.0	1.7	3.0	4.0
Pennsylvania	3.4	1.7	4.5	.4	3.1
East North Central	**.8**	**.9**	**1.8**	**1.3**	**.6**
Illinois	.7	.3	1.9	.2	.5
Indiana	3.6	1.0	3.4	3.4	3.1
Michigan	.6	3.4	8.8	5.4	1.1
Ohio	1.8	.8	1.8	4.7	.9
Wisconsin	1.4	2.5	2.3	3.5	1.0
West North Central	**1.1**	**.9**	**1.1**	**4.6**	**.6**
Iowa	.8	2.9	2.3	5.4	1.8
Kansas	1.1	1.2	2.7	7.8	1.6
Minnesota	3.0	3.8	1.8	3.1	.6
Missouri	2.8	.7	3.5	8.8	1.8
Nebraska	2.9	1.2	2.1	20.6	.9
North Dakota	1.4	5.2	3.6	3.3	1.6
South Dakota	2.2	1.9	2.2	4.0	1.4
South Atlantic	**.7**	**.9**	**1.0**	**1.0**	**.7**
Delaware	.2	.3	.7	1.3	.3
District of Columbia	.0	.0	.0	.0	.0
Florida	.3	2.0	3.4	2.2	1.0
Georgia	4.1	2.6	.9	2.2	3.5
Maryland	1.5	2.5	.9	2.7	1.3
North Carolina	.6	1.5	.9	6.3	.6
South Carolina	.8	2.5	4.3	1.1	2.9
Virginia	3.8	1.2	3.3	.3	2.4
West Virginia	.4	1.3	.3	3.0	.5
East South Central	**2.7**	**2.4**	**2.0**	**3.1**	**1.9**
Alabama	5.4	5.3	4.4	2.0	4.5
Kentucky	5.7	1.7	5.6	.9	3.0
Mississippi	7.4	4.8	4.1	6.3	4.9
Tennessee	4.2	4.9	2.1	10.2	3.0
West South Central	**2.0**	**1.6**	**2.1**	**1.4**	**.9**
Arkansas	4.0	3.1	6.4	5.8	4.6
Louisiana	1.3	1.5	1.0	6.2	1.2
Oklahoma	1.0	4.9	.2	7.8	1.9
Texas	3.0	2.2	3.2	.9	1.1
Mountain	**.7**	**.7**	**1.5**	**2.5**	**.7**
Arizona	1.9	1.5	3.4	5.1	.9
Colorado	.9	1.1	2.0	4.2	1.8
Idaho	1.4	3.1	4.9	11.1	1.8
Montana	1.2	5.7	9.3	4.8	3.4
Nevada	2.0	.5	3.8	4.9	2.0
New Mexico	2.6	1.3	7.1	7.4	2.9
Utah	.5	1.0	.6	1.8	.4
Wyoming	4.4	5.2	.7	21.8	3.4
Pacific Contiguous	**2.3**	**2.1**	**3.0**	**14.5**	**1.9**
California	3.3	2.8	2.8	21.9	2.2
Oregon	2.0	2.4	3.2	7.1	1.5
Washington	2.3	1.4	10.7	7.6	6.1
Pacific Noncontiguous	**1.5**	**1.1**	**3.2**	**5.2**	**1.4**
Alaska	1.1	1.7	15.8	6.5	1.7
Hawaii	2.5	1.4	2.1	1.1	2.1
U.S. Average	**.6**	**.6**	**.7**	**1.4**	**.4**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

Notes: •See technical notes for CV methodology. •It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high coefficient of variations.

Source: Energy Information Administration, Form EIA-826, ''Monthly Electric Utility Sales and Revenue Report with State Distributions.''

Table 51. Estimated Revenue from U.S. Electric Utility Retail Sales to Ultimate Consumers by Sector, Census Division, and State, Year-to-Date 1999 and 1998

(Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998
New England	**467**	**439**	**360**	**367**	**151**	**167**	**16**	**17**	**995**	**991**
Connecticut	141	126	91	96	31	35	4	5	267	262
Maine	51	45	36	32	28	29	1	1	117	107
Massachusetts	169	177	157	173	55	69	7	8	388	427
New Hampshire	55	44	35	33	18	17	1	2	109	96
Rhode Island	25	19	21	16	8	7	2	1	56	42
Vermont	27	28	20	17	10	11	1	1	58	57
Middle Atlantic	**1,152**	**1,122**	**946**	**1,006**	**363**	**404**	**118**	**113**	**2,579**	**2,646**
New Jersey	241	231	252	247	83	87	9	7	585	572
New York	517	508	462	519	95	104	96	93	1,169	1,224
Pennsylvania	394	383	232	240	185	214	13	13	824	850
East North Central	**1,301**	**1,244**	**864**	**840**	**780**	**760**	**79**	**86**	**3,024**	**2,930**
Illinois	288	349	221	236	164	164	44	49	717	797
Indiana	203	180	103	96	142	140	4	4	453	420
Michigan	260	237	222	205	138	134	7	8	626	584
Ohio	413	351	232	225	251	245	19	21	914	842
Wisconsin	136	128	87	78	85	77	5	4	313	287
West North Central	**523**	**491**	**312**	**297**	**249**	**255**	**29**	**27**	**1,113**	**1,069**
Iowa	84	84	39	41	44	48	8	7	175	179
Kansas	68	63	58	54	33	33	3	3	162	153
Minnesota	125	112	57	53	94	91	4	4	281	260
Missouri	155	147	103	97	46	52	5	5	310	301
Nebraska	42	40	27	26	18	18	6	5	92	90
North Dakota	25	23	15	13	7	6	2	2	48	44
South Dakota	24	23	13	12	6	6	1	1	45	42
South Atlantic	**1,888**	**1,800**	**1,084**	**1,051**	**487**	**510**	**106**	**102**	**3,566**	**3,463**
Delaware	29	27	18	18	13	14	1	1	61	59
District of Columbia	11	10	37	39	1	1	2	2	50	53
Florida	596	575	350	323	69	67	30	30	1,045	996
Georgia	226	230	162	169	94	96	9	9	491	504
Maryland	178	158	122	112	32	32	6	6	337	308
North Carolina	358	336	166	162	105	119	12	12	640	630
South Carolina	172	162	83	78	81	84	4	4	340	329
Virginia	254	244	116	122	58	62	42	38	471	466
West Virginia	65	57	30	28	34	34	1	1	131	119
East South Central	**612**	**554**	**230**	**213**	**400**	**386**	**27**	**26**	**1,269**	**1,180**
Alabama	168	142	76	64	97	90	4	3	344	299
Kentucky	129	114	48	45	101	96	11	11	289	266
Mississippi	80	84	43	43	50	54	4	5	178	185
Tennessee	234	214	63	61	153	146	8	7	458	429
West South Central	**922**	**858**	**567**	**547**	**495**	**507**	**88**	**84**	**2,072**	**1,996**
Arkansas	87	83	34	33	46	46	3	3	170	165
Louisiana	130	137	83	89	100	118	12	13	326	357
Oklahoma	90	83	44	42	38	34	8	8	180	167
Texas	614	554	406	382	311	309	64	61	1,396	1,307
Mountain	**447**	**441**	**311**	**305**	**213**	**212**	**31**	**33**	**1,001**	**992**
Arizona	137	141	93	95	52	48	8	10	290	295
Colorado	101	93	77	73	35	35	7	7	220	208
Idaho	41	37	19	17	18	17	1	1	79	72
Montana	28	28	18	18	13	18	2	1	60	66
Nevada	49	46	29	26	34	30	2	3	114	104
New Mexico	38	42	34	36	21	24	6	6	99	108
Utah	38	39	30	28	22	22	3	3	92	93
Wyoming	15	15	12	12	19	18	1	1	47	46
Pacific Contiguous	**1,042**	**1,037**	**711**	**724**	**356**	**383**	**46**	**47**	**2,156**	**2,190**
California	715	728	543	562	244	268	30	30	1,533	1,588
Oregon	124	116	61	60	35	40	3	3	223	219
Washington	203	193	108	103	76	74	13	14	400	383
Pacific Noncontiguous	**52**	**57**	**46**	**48**	**33**	**37**	**3**	**3**	**135**	**145**
Alaska	22	23	20	20	6	5	2	2	50	51
Hawaii	30	34	27	28	28	32	1	1	85	94
U.S. Total	**8,406**	**8,042**	**5,434**	**5,399**	**3,528**	**3,622**	**543**	**539**	**17,910**	**17,601**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

Notes: •Values for 1999 are estimates based on a cutoff model sample; see Technical Notes for a discussion of the sample design for the Form EIA-826. Values for 1998 have been revised and are preliminary. •Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. •Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-826, ''Monthly Electric Utility Sales and Revenue Report with State Distributions.''

Table 52. U.S. Electric Utility Average Revenue per Kilowatthour by Sector, 1989 Through January 1999

(Cents)

Period	Residential	Commercial	Industrial	Other[1]	All Sectors
1989	**7.65**	**7.20**	**4.72**	**6.25**	**6.45**
1990	**7.83**	**7.34**	**4.74**	**6.40**	**6.57**
1991	**8.04**	**7.53**	**4.83**	**6.51**	**6.75**
1992	**8.21**	**7.66**	**4.83**	**6.74**	**6.82**
1993	**8.32**	**7.74**	**4.85**	**6.88**	**6.93**
1994	**8.38**	**7.73**	**4.77**	**6.84**	**6.91**
1995	**8.40**	**7.69**	**4.66**	**6.88**	**6.89**
1996	**8.36**	**7.64**	**4.60**	**6.91**	**6.86**
1997					
January	7.87	7.27	4.41	6.79	6.62
February	7.98	7.38	4.41	6.73	6.61
March	8.24	7.44	4.41	7.01	6.66
April	8.38	7.40	4.33	6.87	6.59
May	8.65	7.58	4.39	7.00	6.72
June	8.91	7.88	4.61	7.16	7.08
July	8.74	7.86	4.82	6.82	7.25
August	8.80	7.91	4.76	7.07	7.23
September	8.75	7.86	4.73	7.02	7.12
October	8.59	7.66	4.61	6.91	6.90
November	8.25	7.43	4.45	6.79	6.65
December	8.03	7.24	4.36	6.73	6.60
Average	**8.43**	**7.59**	**4.53**	**6.91**	**6.85**
1998					
January	7.89	7.24	4.39	6.53	6.58
February	7.99	7.30	4.33	6.80	6.53
March	8.02	7.30	4.36	6.89	6.54
April	8.23	7.32	4.32	6.86	6.52
May	8.50	7.47	4.43	6.86	6.68
June	8.53	7.62	4.67	7.00	6.97
July	8.60	7.71	4.88	7.01	7.23
August	8.58	7.69	4.80	6.86	7.15
September	8.45	7.57	4.64	6.73	6.97
October	8.27	7.46	4.45	6.93	6.70
November	8.06	7.13	4.35	6.27	6.40
December	7.94	7.13	4.32	6.86	6.47
Average	**8.27**	**7.43**	**4.50**	**6.80**	**6.75**
1999					
January	7.59	6.94	4.27	6.66	6.40
Year-to-Date Average					
1999 Average	**7.59**	**6.94**	**4.27**	**6.66**	**6.40**
1998 Average	**7.89**	**7.24**	**4.39**	**6.53**	**6.58**
1997 Average	**7.87**	**7.27**	**4.41**	**6.79**	**6.62**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

Notes: •Values for 1999 are estimates based on a cutoff model sample; see Technical Notes for a discussion of the sample design for the Form EIA-826. Values for 1998 have been revised and are preliminary. Values for 1997 and prior years are final. •Values for 1996 in the commercial and industrial sectors for Maryland, the South Atlantic Census Division, and the U.S. Total reflect an electric utility's reclassification for this information by Standard Industrial Classification Code (SIC). •Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. •Totals may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-826, ''Monthly Electric Utility Sales and Revenue Report with State Distributions,'' and Form EIA-861, ''Annual Electric Utility Report.''

Table 53. Estimated U.S. Electric Utility Average Revenue per Kilowatthour to Ultimate Consumers by Sector, Census Division, and State, January 1999 and 1998

(Cents)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998
New England	**10.9**	**11.5**	**9.2**	**10.0**	**7.4**	**8.3**	**12.5**	**12.6**	**9.6**	**10.3**
Connecticut	11.2	11.7	9.5	9.9	7.1	7.9	12.8	12.7	10.0	10.4
Maine	13.2	12.9	12.0	11.8	7.7	7.8	26.5	23.8	11.0	10.8
Massachusetts	9.5	10.6	8.1	9.4	7.0	8.5	11.8	13.4	8.5	9.7
New Hampshire	13.8	12.8	11.2	11.3	8.9	8.8	11.1	11.7	11.8	11.4
Rhode Island	9.7	12.3	8.3	11.0	6.9	9.2	11.3	6.2	8.6	11.0
Vermont	13.3	13.3	12.0	11.7	8.4	8.3	14.5	14.5	11.7	11.4
Middle Atlantic	**10.8**	**11.3**	**9.5**	**10.0**	**5.4**	**5.8**	**8.8**	**8.1**	**9.0**	**9.3**
New Jersey	11.0	11.3	9.7	9.9	7.7	7.9	15.0	14.8	9.9	10.1
New York	13.5	13.9	11.0	11.5	4.6	5.0	8.3	7.5	10.4	10.7
Pennsylvania	8.6	9.0	7.3	7.9	5.1	5.6	10.4	11.8	7.2	7.6
East North Central	**7.5**	**8.1**	**6.9**	**7.1**	**4.4**	**4.4**	**6.3**	**6.6**	**6.2**	**6.4**
Illinois	7.4	9.6	6.6	7.4	4.8	4.9	5.9	6.3	6.3	7.3
Indiana	6.6	6.8	6.1	6.1	4.0	4.0	8.4	8.5	5.4	5.4
Michigan	8.7	8.5	7.8	7.6	5.1	4.9	10.1	9.7	7.3	7.0
Ohio	7.6	7.9	7.3	7.4	4.3	4.3	6.2	6.4	6.2	6.3
Wisconsin	7.2	6.9	5.9	5.8	3.9	3.7	7.0	6.3	5.6	5.4
West North Central	**6.3**	**6.4**	**5.5**	**5.5**	**4.0**	**3.9**	**6.0**	**5.5**	**5.4**	**5.3**
Iowa	7.5	7.8	5.7	6.3	3.5	3.8	7.3	5.8	5.5	5.8
Kansas	6.8	7.0	6.0	6.1	4.4	4.4	8.7	7.5	5.9	5.9
Minnesota	6.9	6.8	5.8	5.8	4.4	4.0	6.9	6.8	5.6	5.3
Missouri	5.6	5.8	5.1	5.0	3.8	3.5	5.6	5.7	5.1	5.0
Nebraska	5.2	5.3	4.9	4.8	3.4	3.3	5.0	4.9	4.6	4.6
North Dakota	5.7	5.6	5.7	5.5	4.3	4.2	3.9	3.9	5.4	5.3
South Dakota	6.7	6.6	6.2	6.2	4.3	4.1	4.3	3.6	6.0	5.9
South Atlantic	**7.3**	**7.4**	**6.1**	**6.3**	**4.0**	**4.1**	**6.1**	**6.4**	**6.2**	**6.3**
Delaware	8.2	8.5	6.5	6.8	4.5	4.7	13.4	13.1	6.5	6.7
District of Columbia	6.8	7.2	5.9	6.4	3.8	3.9	6.1	6.6	6.1	6.5
Florida	8.0	8.0	6.5	6.4	4.9	4.9	6.6	6.9	7.1	7.1
Georgia	6.5	6.8	6.3	7.0	3.6	3.8	8.3	8.8	5.6	6.0
Maryland	7.3	7.3	5.9	5.8	3.9	3.8	9.0	8.0	6.2	6.2
North Carolina	7.6	7.7	6.2	6.2	4.6	4.7	7.0	6.9	6.5	6.5
South Carolina	7.0	7.3	6.2	6.2	3.5	3.5	5.9	6.0	5.5	5.5
Virginia	6.7	7.2	5.5	5.8	3.9	4.0	5.1	5.4	5.8	6.0
West Virginia	6.0	6.0	5.5	5.4	3.7	3.7	8.0	8.0	5.1	5.0
East South Central	**5.9**	**6.1**	**5.9**	**6.4**	**3.7**	**3.8**	**5.7**	**6.1**	**5.0**	**5.1**
Alabama	6.2	6.2	6.2	7.5	3.6	4.0	7.4	7.5	5.2	5.5
Kentucky	5.1	5.4	5.0	5.0	2.9	2.8	4.2	4.5	4.0	4.0
Mississippi	6.0	6.6	6.2	6.8	3.9	4.1	7.6	9.1	5.2	5.7
Tennessee	6.2	6.2	6.4	6.3	4.6	4.5	8.3	8.3	5.5	5.5
West South Central	**6.5**	**6.8**	**6.3**	**6.4**	**3.9**	**4.0**	**6.0**	**6.1**	**5.5**	**5.7**
Arkansas	6.5	6.9	5.3	5.5	3.8	3.7	5.8	6.7	5.2	5.3
Louisiana	6.5	7.3	6.3	7.1	3.8	4.5	5.9	6.3	5.3	6.0
Oklahoma	5.4	5.4	4.7	4.6	3.5	3.2	4.2	4.1	4.6	4.5
Texas	6.7	6.9	6.6	6.7	4.0	4.0	6.5	6.4	5.8	5.8
Mountain	**7.0**	**7.0**	**6.0**	**6.2**	**4.0**	**3.8**	**5.0**	**5.1**	**5.7**	**5.7**
Arizona	7.5	7.6	6.5	7.2	5.4	4.7	4.3	4.7	6.6	6.6
Colorado	7.2	7.3	5.4	5.5	4.3	4.2	7.7	8.2	5.9	5.9
Idaho	5.3	5.0	4.5	4.3	2.7	2.5	4.9	4.6	4.2	3.9
Montana	6.9	6.7	5.9	6.3	3.7	3.8	7.9	7.5	5.6	5.4
Nevada	7.1	6.9	6.7	6.5	4.1	3.9	3.6	3.2	5.7	5.4
New Mexico	8.5	8.8	7.8	7.9	4.2	4.6	5.6	5.9	6.7	6.9
Utah	6.8	6.8	5.6	5.4	3.3	3.3	4.2	4.2	5.0	5.0
Wyoming	5.9	6.0	5.3	5.2	3.3	3.4	3.6	3.5	4.3	4.4
Pacific Contiguous	**8.0**	**8.3**	**7.1**	**7.5**	**4.3**	**4.6**	**6.8**	**5.5**	**6.7**	**7.0**
California	10.2	10.9	8.1	8.7	5.2	5.8	10.8	6.8	8.2	8.7
Oregon	5.6	5.6	4.9	5.0	3.2	3.3	5.0	5.0	4.9	4.8
Washington	5.2	5.2	5.1	5.0	3.0	2.9	3.8	4.0	4.5	4.4
Pacific Noncontiguous	**11.7**	**13.0**	**10.5**	**11.2**	**8.7**	**9.7**	**13.0**	**14.1**	**10.4**	**11.4**
Alaska	10.8	11.3	8.8	9.2	7.2	7.7	13.3	14.4	9.5	10.0
Hawaii	12.6	14.5	12.2	13.2	9.1	10.2	12.0	13.0	11.1	12.4
U.S. Average	**7.59**	**7.89**	**6.94**	**7.24**	**4.27**	**4.39**	**6.66**	**6.53**	**6.40**	**6.58**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

Notes: •Values for 1999 are estimates based on a cutoff model sample; see Technical Notes for a discussion of the sample design for the Form EIA-826. Values for 1998 have been revised and are preliminary. Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. •Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-826, ''Monthly Electric Utility Sales and Revenue Report with State Distributions.''

Table 54. Estimated Coefficients of Variation for U.S. Electric Utility Average Revenue per Kilowatthour to Ultimate Consumers by Sector, Census Division, and State, January 1999

(Percent)

Census Division and State	Residential	Commercial	Industrial	Other[1]	All Sectors
New England	**0.9**	**0.3**	**0.6**	**1.5**	**0.4**
Connecticut	.0	.1	.3	.7	.1
Maine	.1	1.0	1.3	7.3	.0
Massachusetts	2.2	.4	.8	3.2	.7
New Hampshire	1.1	2.0	.3	3.7	.7
Rhode Island	.7	.5	.9	.2	.7
Vermont	1.2	1.7	6.3	6.8	1.9
Middle Atlantic	**1.2**	**1.3**	**2.1**	**.2**	**1.3**
New Jersey	.4	.0	.1	.5	.2
New York	1.4	1.5	1.4	.3	1.7
Pennsylvania	2.5	2.9	4.0	1.1	2.8
East North Central	**.6**	**.3**	**.6**	**.6**	**.5**
Illinois	1.0	.4	.3	.2	.2
Indiana	1.6	.9	1.2	2.1	.9
Michigan	.4	.2	1.2	4.6	.8
Ohio	1.0	.3	.9	1.0	1.2
Wisconsin	2.7	2.1	2.6	8.3	2.2
West North Central	**.4**	**.6**	**.5**	**2.5**	**.5**
Iowa	.7	3.7	.4	5.1	1.1
Kansas	.7	.4	1.4	2.2	.7
Minnesota	.9	1.8	.4	1.2	1.0
Missouri	1.2	.8	2.5	8.8	1.2
Nebraska	.9	.8	2.2	7.5	1.3
North Dakota	.9	.9	1.2	2.9	.7
South Dakota	.8	1.5	2.4	3.3	1.4
South Atlantic	**.5**	**.5**	**.6**	**.6**	**.5**
Delaware	.2	.2	2.0	.5	.6
District of Columbia	.0	.0	.0	.0	.0
Florida	1.0	1.2	2.6	1.7	1.0
Georgia	3.0	1.8	1.8	2.0	2.5
Maryland	.9	1.3	1.1	5.0	1.0
North Carolina	1.2	.1	.2	1.7	.5
South Carolina	1.2	1.8	1.0	3.2	1.1
Virginia	.9	.5	1.0	.1	.9
West Virginia	.4	.2	.2	2.8	.3
East South Central	**1.3**	**1.1**	**1.4**	**1.3**	**1.3**
Alabama	3.3	1.8	4.0	2.2	2.9
Kentucky	1.2	.9	1.8	1.6	2.2
Mississippi	5.9	4.1	2.2	6.0	4.6
Tennessee	.4	1.1	1.4	6.9	.6
West South Central	**.7**	**1.2**	**1.8**	**1.2**	**1.1**
Arkansas	2.3	3.4	7.2	4.0	4.1
Louisiana	1.1	2.1	2.5	7.5	2.9
Oklahoma	1.1	1.0	.7	1.6	.3
Texas	1.0	1.5	2.4	.8	1.3
Mountain	**.7**	**.7**	**1.5**	**3.5**	**.7**
Arizona	1.6	.7	5.6	5.8	1.7
Colorado	1.6	2.2	1.3	13.3	1.6
Idaho	1.0	1.1	2.3	4.4	1.0
Montana	4.4	1.9	5.1	2.7	4.8
Nevada	.4	.1	2.8	6.5	1.0
New Mexico	2.3	1.3	5.5	7.7	2.1
Utah	.2	.4	.3	1.1	.4
Wyoming	1.4	1.1	1.0	18.5	.5
Pacific Contiguous	**.9**	**2.0**	**2.0**	**9.5**	**1.6**
California	1.0	2.6	2.8	10.6	1.7
Oregon	1.8	2.9	2.7	7.6	2.9
Washington	2.2	1.0	2.9	3.2	1.5
Pacific Noncontiguous	**1.2**	**.9**	**1.5**	**5.4**	**1.2**
Alaska	1.1	1.5	2.6	6.8	1.7
Hawaii	1.9	1.1	1.5	1.1	1.5
U.S. Average	**.3**	**.4**	**.5**	**.9**	**.3**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

Notes: •See technical notes for CV methodology. •It should be noted that such things as large changes in retail sales, reclassification of retail sales, or changes in billing procedures can contribute to unusually high coefficient of variations.

Source: Energy Information Administration, Form EIA-826, ''Monthly Electric Utility Sales and Revenue Report with State Distributions.''

Table 55. Estimated U.S. Electric Utility Average Revenue per Kilowatthour to Ultimate Consumers by Sector, Census Division, and State, Year-to-Date 1999 and 1998

(Cents)

Census Division and State	Residential		Commercial		Industrial		Other[1]		All Sectors	
	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998
New England	**10.9**	**11.5**	**9.2**	**10.0**	**7.4**	**8.3**	**12.5**	**12.6**	**9.6**	**10.3**
Connecticut	11.2	11.7	9.5	9.9	7.1	7.9	12.8	12.7	10.0	10.4
Maine	13.2	12.9	12.0	11.8	7.7	7.8	26.5	23.8	11.0	10.8
Massachusetts	9.5	10.6	8.1	9.4	7.0	8.5	11.8	13.4	8.5	9.7
New Hampshire	13.8	12.8	11.2	11.3	8.9	8.8	11.1	11.7	11.8	11.4
Rhode Island	9.7	12.3	8.3	11.0	6.9	9.2	11.3	6.2	8.6	11.0
Vermont	13.3	13.3	12.0	11.7	8.4	8.3	14.5	14.5	11.7	11.4
Middle Atlantic	**10.8**	**11.3**	**9.5**	**10.0**	**5.4**	**5.8**	**8.8**	**8.1**	**9.0**	**9.3**
New Jersey	11.0	11.3	9.7	9.9	7.7	7.9	15.0	14.8	9.9	10.1
New York	13.5	13.9	11.0	11.5	4.6	5.0	8.3	7.5	10.4	10.7
Pennsylvania	8.6	9.0	7.3	7.9	5.1	5.6	10.4	11.8	7.2	7.6
East North Central	**7.5**	**8.1**	**6.9**	**7.1**	**4.4**	**4.4**	**6.4**	**6.6**	**6.2**	**6.4**
Illinois	7.4	9.6	6.6	7.4	4.8	4.9	5.9	6.3	6.3	7.3
Indiana	6.6	6.8	6.1	6.1	4.0	4.0	8.4	8.5	5.4	5.4
Michigan	8.7	8.5	7.8	7.6	5.1	4.9	10.1	9.7	7.3	7.0
Ohio	7.6	7.9	7.3	7.4	4.3	4.3	6.2	6.4	6.2	6.3
Wisconsin	7.2	6.9	5.9	5.8	3.9	3.7	7.0	6.3	5.6	5.4
West North Central	**6.3**	**6.4**	**5.5**	**5.5**	**4.0**	**3.9**	**6.0**	**5.5**	**5.4**	**5.3**
Iowa	7.5	7.8	5.7	6.3	3.5	3.8	7.3	5.8	5.5	5.8
Kansas	6.8	7.0	6.0	6.1	4.4	4.4	8.7	7.5	5.9	5.9
Minnesota	6.9	6.8	5.8	5.8	4.4	4.0	6.9	6.8	5.6	5.3
Missouri	5.6	5.8	5.1	5.0	3.8	3.5	5.6	5.7	5.1	5.0
Nebraska	5.2	5.3	4.9	4.8	3.4	3.3	5.0	4.9	4.6	4.6
North Dakota	5.7	5.6	5.7	5.5	4.3	4.2	3.9	3.9	5.4	5.3
South Dakota	6.7	6.6	6.2	6.2	4.3	4.1	4.3	3.6	6.0	5.9
South Atlantic	**7.3**	**7.4**	**6.1**	**6.3**	**4.0**	**4.1**	**6.1**	**6.4**	**6.2**	**6.3**
Delaware	8.2	8.5	6.5	6.8	4.5	4.7	13.4	13.1	6.5	6.7
District of Columbia	6.8	7.2	5.9	6.4	3.8	3.9	6.1	6.6	6.1	6.5
Florida	8.0	8.0	6.5	6.4	4.9	4.9	6.6	6.9	7.1	7.1
Georgia	6.5	6.8	6.3	7.0	3.6	3.8	8.3	8.8	5.6	6.0
Maryland	7.3	7.3	5.9	5.8	3.9	3.8	9.0	8.0	6.2	6.2
North Carolina	7.6	7.7	6.2	6.2	4.6	4.7	7.0	6.9	6.5	6.5
South Carolina	7.0	7.3	6.2	6.2	3.5	3.5	5.9	6.0	5.5	5.5
Virginia	6.7	7.2	5.5	5.8	3.9	4.0	5.1	5.4	5.8	6.0
West Virginia	6.0	6.0	5.5	5.4	3.7	3.7	8.0	8.0	5.1	5.0
East South Central	**5.9**	**6.1**	**5.9**	**6.4**	**3.7**	**3.8**	**5.7**	**6.1**	**5.0**	**5.1**
Alabama	6.2	6.2	6.2	7.5	3.6	4.0	7.4	7.5	5.2	5.5
Kentucky	5.1	5.4	5.0	5.0	2.9	2.8	4.2	4.5	4.0	4.0
Mississippi	6.0	6.6	6.2	6.8	3.9	4.1	7.6	9.1	5.2	5.7
Tennessee	6.2	6.2	6.4	6.3	4.6	4.5	8.3	8.3	5.5	5.5
West South Central	**6.5**	**6.8**	**6.3**	**6.4**	**3.9**	**4.0**	**6.0**	**6.1**	**5.6**	**5.7**
Arkansas	6.5	6.9	5.3	5.5	3.8	3.7	5.8	6.7	5.2	5.3
Louisiana	6.5	7.3	6.3	7.1	3.8	4.5	5.9	6.3	5.3	6.0
Oklahoma	5.4	5.4	4.7	4.6	3.5	3.2	4.2	4.1	4.6	4.5
Texas	6.7	6.9	6.6	6.7	4.0	4.0	6.5	6.4	5.8	5.8
Mountain	**7.0**	**7.0**	**6.0**	**6.2**	**4.0**	**3.8**	**5.1**	**5.1**	**5.7**	**5.7**
Arizona	7.5	7.6	6.5	7.2	5.4	4.7	4.3	4.7	6.6	6.6
Colorado	7.2	7.3	5.4	5.5	4.3	4.2	7.7	8.2	5.9	5.9
Idaho	5.3	5.0	4.5	4.3	2.7	2.5	4.9	4.6	4.2	3.9
Montana	6.9	6.7	5.9	6.3	3.7	3.8	7.9	7.5	5.6	5.4
Nevada	7.1	6.9	6.7	6.5	4.1	3.9	3.6	3.2	5.7	5.4
New Mexico	8.5	8.8	7.8	7.9	4.2	4.6	5.6	5.9	6.7	6.9
Utah	6.8	6.8	5.6	5.4	3.3	3.3	4.2	4.2	5.0	5.0
Wyoming	5.9	6.0	5.3	5.2	3.3	3.4	3.6	3.5	4.3	4.4
Pacific Contiguous	**8.0**	**8.3**	**7.1**	**7.5**	**4.3**	**4.6**	**6.8**	**5.5**	**6.7**	**7.0**
California	10.2	10.9	8.1	8.7	5.2	5.8	10.8	6.8	8.2	8.7
Oregon	5.6	5.6	4.9	5.0	3.2	3.3	5.0	5.0	4.9	4.8
Washington	5.2	5.2	5.1	5.0	3.0	2.9	3.8	4.0	4.5	4.4
Pacific Noncontiguous	**11.7**	**13.0**	**10.5**	**11.2**	**8.7**	**9.7**	**13.0**	**14.1**	**10.4**	**11.4**
Alaska	10.8	11.3	8.8	9.2	7.2	7.7	13.3	14.4	9.5	10.0
Hawaii	12.6	14.5	12.2	13.2	9.1	10.2	12.0	13.0	11.1	12.4
U.S. Average	**7.59**	**7.89**	**6.94**	**7.24**	**4.27**	**4.39**	**6.66**	**6.53**	**6.40**	**6.58**

[1] Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

Notes: •Values for 1999 are estimates based on a cutoff model sample; see Technical Notes for a discussion of the sample design for the Form EIA-826. Values for 1998 have been revised and are preliminary. Retail sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while retail sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month. •Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-826, ''Monthly Electric Utility Sales and Revenue Report with State Distributions.''

Monthly Plant Aggregates: U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Alabama Elec Coop Inc	**308,314**	**6,890**	**45,067**	**1,682**	**—**	**—**	**134**	**15**	**387**	**178**	**31**
Gantt (AL)	—	—	—	279	—	—	—	—	—	—	—
Lowman (AL)	308,314	—	—	—	—	—	134	—	—	178	—
McIntosh-CAES (AL)	—	6,879	1,607	—	—	—	—	15	20	—	17
McWilliams (AL)	—	—	43,460	—	—	—	—	—	367	—	13
Point A (AL)	—	—	—	1,403	—	—	—	—	—	—	—
Portland (FL)	—	11	—	—	—	—	—	*	—	—	*
Alabama Power Co	**5,024,675**	**4,032**	**38,994**	**272,111**	**650,576**	**—**	**2,164**	**7**	**403**	**2,068**	**141**
Bankhead Dam (AL)	—	—	—	10,651	—	—	—	—	—	—	—
Barry (AL)	1,082,143	—	6,329	—	—	—	428	—	56	304	5
Chickasaw (AL)	—	—	—	—	—	—	—	—	—	—	*
Farley (AL)	—	—	—	—	650,576	—	—	—	—	—	—
Gadsden New (AL)	30,784	30	5,231	—	—	—	19	*	81	9	1
Gaston, E C (AL)	937,078	2,791	—	—	—	—	361	5	—	345	12
Gorgas (AL)	828,280	1,077	—	—	—	—	341	2	—	455	4
Greene County (AL)	342,797	134	23,574	—	—	—	143	*	228	112	103
H Neely Henry Dam (AL)	—	—	—	15,101	—	—	—	—	—	—	—
Harris (AL)	—	—	—	6,052	—	—	—	—	—	—	—
Holt Dam (AL)	—	—	—	9,345	—	—	—	—	—	—	—
Jordan (AL)	—	—	—	13,392	—	—	—	—	—	—	—
Lay Dam (AL)	—	—	—	41,417	—	—	—	—	—	—	—
Lewis Smith Dam (AL)	—	—	—	3,424	—	—	—	—	—	—	—
Logan Martin Dam (AL)	—	—	—	25,949	—	—	—	—	—	—	—
Martin Dam (AL)	—	—	—	21,797	—	—	—	—	—	—	—
Miller (AL)	1,803,593	—	3,860	—	—	—	873	—	38	842	16
Mitchell Dam (AL)	—	—	—	33,025	—	—	—	—	—	—	—
Thurlow Dam (AL)	—	—	—	15,689	—	—	—	—	—	—	—
Walter Bouldin Dam (AL)	—	—	—	50,216	—	—	—	—	—	—	—
Weiss Dam (AL)	—	—	—	16,302	—	—	—	—	—	—	—
Yates Dam (AL)	—	—	—	9,751	—	—	—	—	—	—	—
Alaska Elec Lgt & Pwr Co	**—**	**128**	**—**	**3,855**	**—**	**—**	**—**	*****	**—**	**—**	**7**
Annex Creek (AK)	—	—	—	2,310	—	—	—	—	—	—	—
Auke Bay (AK)	—	41	—	—	—	—	—	*	—	—	2
Gold Creek (AK)	—	—	—	69	—	—	—	—	—	—	—
Lemon Creek (AK)	—	87	—	—	—	—	—	*	—	—	4
Salmon Creek (AK)	—	—	—	—	—	—	—	—	—	—	—
Salmon Creek 2 (AK)	—	—	—	1,476	—	—	—	—	—	—	—
Alaska Power Admn	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Eklutna (AK)	—	—	—	—	—	—	—	—	—	—	—
Snettisham (AK)	—	—	—	—	—	—	—	—	—	—	—
Alexandria (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**10**
D G Hunter (LA)	—	—	—	—	—	—	—	—	—	—	10
Amer Mun Power-Ohio Inc	**119,183**	**—**	**488**	**—**	**—**	**—**	**77**	**—**	**7**	**61**	**—**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Amer Mun Power-Ohio Inc											
Richard Gorsuch (OH)	119,183	—	488	—	—	—	77	—	7	61	—
Ames (City of)	**29,370**	**228**	**—**	**—**	**—**	**—**	**18**	*****	**—**	**16**	**4**
Ames (IA)	29,370	228	—	—	—	—	18	*	—	16	1
Ames Gt (IA)	—	—	—	—	—	—	—	—	—	—	2
Anaheim (City of)	**—**	**—**	**896**	**—**	**—**	**—**	**—**	**—**	**8**	**—**	**—**
Anaheim (CA)	—	—	896	—	—	—	—	—	8	—	—
Anchorage (City of)	**—**	**—**	**75,634**	**—**	**—**	**—**	**—**	*****	**930**	**—**	**20**
Anchorage (AK)	—	—	522	—	—	—	—	*	10	—	3
GMS 2 (AK)	—	—	75,112	—	—	—	—	—	920	—	16
Appalachian Power Co	**3,144,195**	**5,913**	**—**	**16,031**	**—**	**—**	**1,225**	**10**	**—**	**1,676**	**89**
Amos, John E (WV)	1,622,263	3,344	—	—	—	—	646	6	—	939	57
Buck (VA)	—	—	—	2,136	—	—	—	—	—	—	—
Byllesby 2 (VA)	—	—	—	2,863	—	—	—	—	—	—	—
Claytor (VA)	—	—	—	8,060	—	—	—	—	—	—	—
Clinch River (VA)	392,904	366	—	—	—	—	150	1	—	293	2
Glen Lyn (VA)	180,243	546	—	—	—	—	70	1	—	70	2
Kanawha River (WV)	201,681	384	—	—	—	—	80	1	—	84	1
Leesville (VA)	—	—	—	2,071	—	—	—	—	—	—	—
London (WV)	—	—	—	3,365	—	—	—	—	—	—	—
Marmet (WV)	—	—	—	2,808	—	—	—	—	—	—	—
Mountaineer (WV)	747,104	1,273	—	—	—	—	279	2	—	291	27
Niagara (VA)	—	—	—	261	—	—	—	—	—	—	—
Reusens (VA)	—	—	—	1,077	—	—	—	—	—	—	—
Smith Mountain (VA)	—	—	—	−12,588	—	—	—	—	—	—	—
Winfield (WV)	—	—	—	5,978	—	—	—	—	—	—	—
Arizona Elec Pwr Coop Inc	**243,433**	**—**	**12,832**	**—**	**—**	**—**	**133**	**—**	**132**	**113**	**—**
Apache Station (AZ)	243,433	—	12,832	—	—	—	133	—	132	113	—
Arizona Public Service Co	**2,021,581**	**1,513**	**141,647**	**2,758**	**2,810,027**	**—**	**1,127**	**3**	**1,702**	**475**	**137**
Childs (AZ)	—	—	—	1,808	—	—	—	—	—	—	—
Cholla (AZ)	634,136	335	184	—	—	—	355	1	2	399	5
Fairview (AZ)	—	74	—	—	—	—	—	*	—	—	6
Four Corners (NM)	1,387,445	—	8,180	—	—	—	772	—	89	76	—
Irving (AZ)	—	—	—	950	—	—	—	—	—	—	—
Ocotillo (AZ)	—	—	38,842	—	—	—	—	—	475	—	36
Palo Verde (AZ)	—	—	—	—	2,810,027	—	—	—	—	—	—
Phoenix (AZ)	—	835	64,937	—	—	—	—	2	741	—	30
Saguaro (AZ)	—	—	18,516	—	—	—	—	—	247	—	34
Yucca (AZ)	—	269	10,988	—	—	—	—	1	147	—	27
Arkansas Elec Coop Corp	**—**	**14,926**	**25,872**	**24,203**	**—**	**—**	**—**	**23**	**289**	**—**	**146**
Bailey (AR)	—	593	17,557	—	—	—	—	1	196	—	64
Clyde Ellis (AR)	—	—	—	12,855	—	—	—	—	—	—	—
Dam 9 (AR)	—	—	—	11,348	—	—	—	—	—	—	—
Fitzhugh (AR)	—	—	6,281	—	—	—	—	—	73	—	44
Mc Clellan (AR)	—	14,333	2,034	—	—	—	—	22	20	—	39
Arkansas Power & Light Co	**1,961,590**	**4,765**	**5,373**	**20,131**	**1,114,988**	**—**	**1,162**	**8**	**63**	**668**	**180**
Arkansas Nuclear One(AR)	—	—	—	—	1,114,988	—	—	—	—	—	—
Blytheville (AR)	—	7	—	—	—	—	—	*	—	—	44
Carpenter (AR)	—	—	—	14,065	—	—	—	—	—	—	—
Couch, Harvey (AR)	—	—	—	—	—	—	—	—	—	—	—
Independence (AR)	1,016,437	2,286	—	—	—	—	596	4	—	295	13
L Catherine (AR)	—	—	5,373	—	—	—	—	—	63	—	—
Lynch, Cecil (AR)	—	—	—	—	—	—	—	—	—	—	—
Mablevale (AR)	—	—	—	—	—	—	—	—	—	—	4
Moses, Ham (AR)	—	—	—	—	—	—	—	—	—	—	—
Remmel (AR)	—	—	—	6,066	—	—	—	—	—	—	—
Ritchie, R E (AR)	—	—	—	—	—	—	—	—	—	—	98
White Bluff (AR)	945,153	2,472	—	—	—	—	566	4	—	373	21
Associated Elec Coop	**1,203,816**	**1,706**	**—**	**—**	**—**	**—**	**705**	**3**	**—**	**1,155**	**16**
New Madrid (MO)	513,506	281	—	—	—	—	296	*	—	533	1
Thomas Hill (MO)	690,310	1,404	—	—	—	—	409	3	—	622	5
Unionville (MO)	—	21	—	—	—	—	—	*	—	—	9

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Atlantic City Elec Co	**150,014**	**2,486**	**2,218**	**—**	**—**	**—**	**65**	**12**	**31**	**202**	**411**
Carlls Corner (NJ)	—	404	—	—	—	—	—	2	—	—	11
Cedar (NJ)	—	313	—	—	—	—	—	1	—	—	19
Cumberland St (NJ)	—	—	1,291	—	—	—	—	—	17	—	29
Deepwater (NJ)	37,849	39	29	—	—	—	15	*	*	79	33
England, B L (NJ)	112,165	1,437	—	—	—	—	50	8	—	123	114
Mantu Depot (NJ)	—	—	—	—	—	—	—	—	—	—	31
Mantu Depot (NJ)	—	—	—	—	—	—	—	—	—	—	123
Mickleton Street (NJ)	—	—	–82	—	—	—	—	—	*	—	—
Middle (NJ)	—	307	—	—	—	—	—	1	—	—	14
Missouri Avenue (NJ)	—	–14	—	—	—	—	—	*	—	—	9
Sherman Avenue (NJ)	—	—	980	—	—	—	—	—	14	—	27
Austin (City of)	**11,761**	**—**	**543**	**—**	**—**	**—**	**6**	**—**	**7**	**37**	**—**
Northeast Station (MN)	11,761	—	543	—	—	—	6	—	7	37	—
Austin (City of)	**—**	**—**	**135,067**	**—**	**—**	**5**	**—**	**—**	**1,447**	**—**	**190**
Decker Creek (TX)	—	—	105,199	—	—	5	—	—	1,108	—	125
Holly Street (TX)	—	—	29,868	—	—	—	—	—	339	—	65
Avista Corporation	**—**	**—**	**29,704**	**293,900**	**—**	**31,016**	**—**	**—**	**337**	**—**	**—**
Cabinet Gorge (ID)	—	—	—	67,389	—	—	—	—	—	—	—
Kettle Fls (WA)	—	—	343	—	—	31,016	—	—	4	—	—
Little Falls (WA)	—	—	—	24,304	—	—	—	—	—	—	—
Long Lake (WA)	—	—	—	59,464	—	—	—	—	—	—	—
Meyers Falls (WA)	—	—	—	738	—	—	—	—	—	—	—
Monroe Street (WA)	—	—	—	10,448	—	—	—	—	—	—	—
Nine Mile (WA)	—	—	—	16,884	—	—	—	—	—	—	—
Northeast (WA)	—	—	5,056	—	—	—	—	—	58	—	—
Noxon Rapids (MT)	—	—	—	98,704	—	—	—	—	—	—	—
Post Falls (ID)	—	—	—	10,939	—	—	—	—	—	—	—
Rathdrum (WA)	—	—	24,305	—	—	—	—	—	275	—	—
Upper Falls (WA)	—	—	—	5,030	—	—	—	—	—	—	—
Baltimore Gas & Elec Co	**1,162,779**	**59,535**	**28,459**	**—**	**1,286,978**	**—**	**456**	**96**	**301**	**685**	**648**
Brandon (MD)	773,055	2,499	—	—	—	—	305	4	—	503	3
Calvert Cliffs (MD)	—	—	—	—	1,286,978	—	—	—	—	—	—
Crane, C P (MD)	139,098	625	—	—	—	—	54	1	—	104	4
Gould Street (MD)	—	1,692	1,116	—	—	—	—	4	14	—	26
Notch Cliff (MD)	—	—	581	—	—	—	—	—	9	—	—
Perryman (MD)	—	268	11,328	—	—	—	—	1	119	—	104
Philadelphia Road (MD)	—	—	—	—	—	—	—	—	—	—	12
Riverside (MD)	—	183	535	—	—	—	—	1	15	—	35
Wagner, H A (MD)	250,626	54,268	14,899	—	—	—	97	85	143	78	464
Westport (MD)	—	—	—	—	—	—	—	—	1	—	—
Basin Elec Power Coop	**2,146,523**	**2,352**	**—**	**—**	**—**	**—**	**1,563**	**4**	**—**	**1,154**	**70**
Antelope Valley (ND)	635,410	11	—	—	—	—	526	*	—	69	6
Laramie River (WY)	1,120,377	1,479	—	—	—	—	714	3	—	698	13
Leland Olds (ND)	390,736	824	—	—	—	—	324	2	—	388	7
Sprit Mound (SD)	—	38	—	—	—	—	—	*	—	—	45
Big Rivers Electric Corp	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Coleman (KY)	—	—	—	—	—	—	—	—	—	—	—
Green (KY)	—	—	—	—	—	—	—	—	—	—	—
Henderson Ii (KY)	—	—	—	—	—	—	—	—	—	—	—
Reid, Robert (KY)	—	—	—	—	—	—	—	—	—	—	—
Wilson (KY)	—	—	—	—	—	—	—	—	—	—	—
Black Hills Pwr and Lt Co	**113,101**	**1,474**	**3,991**	**—**	**—**	**—**	**95**	**3**	**62**	**4**	**19**
French, Ben (SD)	16,549	1,454	3,991	—	—	—	14	3	62	3	19
Neil Simpson 2 (WY)	60,228	8	—	—	—	—	47	*	—	—	*
Osage (WY)	22,590	—	—	—	—	—	23	—	—	1	—
Simpson, Neil (WY)	13,734	12	—	—	—	—	12	*	—	—	*
Boston Edison Co	**—**	**—**	**—**	**—**	**489,341**	**—**	**—**	**—**	**—**	**—**	**—**
Edgar (MA)	—	—	—	—	—	—	—	—	—	—	—
Framingham (MA)	—	—	—	—	—	—	—	—	—	—	—
L Street (MA)	—	—	—	—	—	—	—	—	—	—	—
Mystic (MA)	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Boston Edison Co											
New Boston (MA)	—	—	—	—	—	—	—	—	—	—	—
Pilgrim (MA)	—	—	—	—	489,341	—	—	—	—	—	—
West Medway (MA)	—	—	—	—	—	—	—	—	—	—	—
Braintree (City of)	**—**	**2,855**	**13,657**	**—**	**—**	**—**	**—**	**5**	**149**	**—**	**—**
Potter Station (MA)	—	2,855	13,657	—	—	—	—	5	149	—	—
Brazos Elec Pwr Coop Inc	**—**	**162**	**166,781**	**—**	**—**	**—**	**—**	*****	**1,430**	**—**	**146**
Miller, R W (TX)	—	162	164,266	—	—	—	—	*	1,397	—	136
North Texas (TX)	—	—	2,515	—	—	—	—	—	33	—	11
Brazos River Authority	**—**	**—**	**—**	**358**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
M Shepppard (TX)	—	—	—	358	—	—	—	—	—	—	—
Brownsville (City of)	**—**	**301**	**6,074**	**—**	**—**	**—**	**—**	**1**	**72**	**—**	**21**
Si Ray (TX)	—	301	6,074	—	—	—	—	1	72	—	21
Bryan (City of)	**—**	**4**	**148**	**—**	**—**	**—**	**—**	*****	**3**	**—**	**6**
Bryan (OH)	—	4	148	—	—	—	—	*	3	—	6
Bryan (City of)	**—**	**94**	**34,249**	**—**	**—**	**—**	**—**	*****	**400**	**—**	**56**
Bryan (TX)	—	94	10,527	—	—	—	—	*	132	—	32
Dansby (TX)	—	—	23,722	—	—	—	—	—	268	—	24
Burbank (City of)	**—**	**—**	**2,722**	**—**	**—**	**—**	**—**	**—**	**46**	**—**	**—**
Magnolia (CA)	—	—	111	—	—	—	—	—	3	—	—
Olive (CA)	—	—	2,611	—	—	—	—	—	43	—	—
Burlington (City of)	**—**	**560**	**—**	**—**	**—**	**15,331**	**—**	**2**	**4**	**—**	**7**
Burlington (VT)	—	560	—	—	—	—	—	2	—	—	2
J C McNeil (VT)	—	—	—	—	—	15,331	—	*	4	—	5
Cajun Elec Power Coop Inc	**849,969**	**2,803**	**—**	**—**	**—**	**—**	**535**	**5**	**—**	**1,184**	**21**
Big Cajun 1 (LA)	—	—	—	—	—	—	—	—	—	—	12
Big Cajun 2 (LA)	849,969	2,803	—	—	—	—	535	5	—	1,184	9
California (State of)	**—**	**—**	**—**	**439,059**	**—**	**–58**	**—**	**—**	**—**	**—**	**—**
Alamo (CA)	—	—	—	1,197	—	—	—	—	—	—	—
Bottle Rock (CA)	—	—	—	—	—	–58	—	—	—	—	—
Devil Canyon (CA)	—	—	—	8,695	—	—	—	—	—	—	—
Edw Hyatt (CA)	—	—	—	361,095	—	—	—	—	—	—	—
Mojave Siphon (CA)	—	—	—	464	—	—	—	—	—	—	—
Thermal Div (CA)	—	—	—	1,905	—	—	—	—	—	—	—
Thermalito (CA)	—	—	—	51,738	—	—	—	—	—	—	—
W E Warne (CA)	—	—	—	–96	—	—	—	—	—	—	—
William R Gianelli (CA)	—	—	—	14,061	—	—	—	—	—	—	—
Cardinal Operating Co	**859,873**	**3,838**	**—**	**—**	**—**	**—**	**344**	**6**	**—**	**503**	**16**
Cardinal (OH)	859,873	3,838	—	—	—	—	344	6	—	503	16
Carolina Power & Light Co	**2,168,776**	**13,394**	**1,413**	**39,045**	**2,409,873**	**—**	**877**	**25**	**36**	**1,797**	**284**
Asheville (NC)	207,309	214	—	—	—	—	84	*	—	256	1
Blewett (NC)	—	–34	—	8,659	—	—	—	—	—	—	6
Brunswick (NC)	—	—	—	—	1,226,425	—	—	—	—	—	—
Cape Fear (NC)	135,614	207	—	—	—	—	52	1	—	119	9
Darlington County (SC)	—	474	1,413	—	—	—	—	2	36	—	222
Harris (NC)	—	—	—	—	637,123	—	—	—	—	—	—
Lee (NC)	106,261	992	—	—	—	—	45	2	—	116	6
Marshall (NC)	—	—	—	1,590	—	—	—	—	—	—	—
Mayo (NC)	357,449	3,731	—	—	—	—	148	6	—	321	6
Morehead (NC)	—	–19	—	—	—	—	—	—	—	—	1
Robinson, H B (SC)	62,057	221	—	—	546,325	—	25	*	—	73	3
Roxboro (NC)	1,083,316	6,233	—	—	—	—	428	11	—	648	9
Sutton (NC)	182,246	1,252	—	—	—	—	79	3	—	199	11
Tillery (NC)	—	—	—	11,895	—	—	—	—	—	—	—
Walters (NC)	—	—	—	16,901	—	—	—	—	—	—	—
Weatherspoon (NC)	34,524	123	—	—	—	—	16	*	—	66	10
Carthage (City of)	**—**	**—**	**–52**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**11**
Carthage (MO)	—	—	–52	—	—	—	—	—	*	—	11

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Cedar Falls (City of)	**−169**	**—**	**−27**	**—**	**—**	**—**	**—**	**—**	*****	**26**	**2**
Cedar Falls Gt (IA)	−169	—	—	—	—	—	—	—	—	26	—
Streeter (IA)	—	—	−27	—	—	—	—	—	*	—	2
Cent NE Pub Pwr & Ir Dist	**—**	**—**	**—**	**37,768**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Jeffrey Canyon (NE)	—	—	—	9,630	—	—	—	—	—	—	—
Johnson No 1 (NE)	—	—	—	8,713	—	—	—	—	—	—	—
Johnson No 2 (NE)	—	—	—	11,020	—	—	—	—	—	—	—
Kingsley (NE)	—	—	—	8,405	—	—	—	—	—	—	—
Central Elec Pwr Coop	**33,962**	**42**	**—**	**—**	**—**	**—**	**17**	*****	**—**	**41**	*****
Chamois (MO)	33,962	42	—	—	—	—	17	*	—	41	*
Central Hudson Gas & Elec	**203,714**	**365,857**	**106,363**	**791**	**—**	**—**	**81**	**590**	**1,086**	**121**	**409**
Coxsackie (NY)	—	56	75	—	—	—	—	*	2	—	2
Danskammer (NY)	203,714	3	31,166	—	—	—	81	*	335	121	12
Dashville (NY)	—	—	—	93	—	—	—	—	—	—	—
High Falls (NY)	—	—	—	1	—	—	—	—	—	—	—
Neversink (NY)	—	—	—	—	—	—	—	—	—	—	—
Roseton (NY)	—	365,759	75,122	—	—	—	—	590	750	—	393
South Cairo (NY)	—	39	—	—	—	—	—	*	—	—	2
Sturgeon Pool (NY)	—	—	—	697	—	—	—	—	—	—	—
Central Ill Public Ser Co	**852,154**	**2,951**	**—**	**—**	**—**	**—**	**466**	**6**	**—**	**1,413**	**55**
Coffeen (IL)	242,660	853	—	—	—	—	126	2	—	502	4
Grand Tower (IL)	18,835	256	—	—	—	—	12	1	—	122	1
Hutsonville (IL)	24,272	410	—	—	—	—	12	1	—	51	1
Meredosia (IL)	99,228	284	—	—	—	—	54	1	—	97	43
Newton (IL)	467,159	1,148	—	—	—	—	262	2	—	641	5
Central Iowa Power Coop	**29,403**	**—**	**—**	**—**	**—**	**—**	**16**	**—**	**—**	**65**	**7**
Fair Station (IA)	29,403	—	—	—	—	—	16	—	—	65	—
Summit Lake (IA)	—	—	—	—	—	—	—	—	—	—	7
Central Illinois Light Co	**478,448**	**762**	**1,201**	**—**	**—**	**—**	**217**	**1**	**7**	**315**	**1**
Duck Creek (IL)	172,715	339	—	—	—	—	79	1	—	118	1
E D Edwards (IL)	305,733	423	—	—	—	—	138	1	—	197	*
Pekin Cogen (IL)	—	—	1,133	—	—	—	—	—	6	—	—
Sterling Avenue (IL)	—	—	68	—	—	—	—	—	1	—	—
Central Louisiana Elec Co	**673,213**	**—**	**173,858**	**—**	**—**	**—**	**501**	**—**	**1,469**	**643**	**148**
Coughlin (LA)	—	—	12,701	—	—	—	—	—	89	—	37
Dolet Hills (LA)	413,613	—	2,935	—	—	—	341	—	31	323	—
Franklin (LA)	—	—	—	—	—	—	—	—	—	—	—
Rodemacher (LA)	259,600	—	153,440	—	—	—	160	—	1,302	319	76
Teche (LA)	—	—	4,782	—	—	—	—	—	47	—	35
Central Maine Power Co	**—**	**171,471**	**—**	**101,305**	**—**	**—**	**—**	**295**	**—**	**—**	**484**
Andro Lower (ME)	—	—	—	−8	—	—	—	—	—	—	—
Androscoggin 3 (ME)	—	—	—	2,724	—	—	—	—	—	—	—
Bar Mills (ME)	—	—	—	1,982	—	—	—	—	—	—	—
Bates Lower (ME)	—	—	—	—	—	—	—	—	—	—	—
Bates Upper (ME)	—	—	—	−15	—	—	—	—	—	—	—
Bonny Eagle (ME)	—	—	—	4,131	—	—	—	—	—	—	—
Brunswick (ME)	—	—	—	6,854	—	—	—	—	—	—	—
C. E. Monty (ME)	—	—	—	9,851	—	—	—	—	—	—	—
Cape (ME)	—	−15	—	—	—	—	—	*	—	—	7
Cataract (ME)	—	—	—	961	—	—	—	—	—	—	—
Continental Mills (ME)	—	—	—	−10	—	—	—	—	—	—	—
Deer Rips (ME)	—	—	—	2,382	—	—	—	—	—	—	—
Fort Halifax (ME)	—	—	—	420	—	—	—	—	—	—	—
Gulf Island (ME)	—	—	—	10,164	—	—	—	—	—	—	—
Harris (ME)	—	—	—	8,136	—	—	—	—	—	—	—
Hill Mill (ME)	—	—	—	−3	—	—	—	—	—	—	—
Hiram (ME)	—	—	—	4,665	—	—	—	—	—	—	—
Islesboro (ME)	—	—	—	—	—	—	—	—	—	—	—
North Gorham (ME)	—	—	—	1,276	—	—	—	—	—	—	—
Oakland (ME)	—	—	—	252	—	—	—	—	—	—	—
Peaks Island (ME)	—	—	—	—	—	—	—	—	—	—	—
Rice Rips (ME)	—	—	—	142	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Central Maine Power Co											
Shawmut (ME)	—	—	—	3,894	—	—	—	—	—	—	—
Skelton (ME)	—	—	—	9,911	—	—	—	—	—	—	—
Smelt Hill (AK)	—	—	—	—	—	—	—	—	—	—	—
Union Gas (ME)	—	—	—	126	—	—	—	—	—	—	—
West Buxton (ME)	—	—	—	2,890	—	—	—	—	—	—	—
West Channel (MA)	—	—	—	—	—	—	—	—	—	—	—
Weston (ME)	—	—	—	6,103	—	—	—	—	—	—	—
Williams (ME)	—	—	—	6,011	—	—	—	—	—	—	—
Wyman Hydro (ME)	—	—	—	18,466	—	—	—	—	—	—	—
Wyman, W F (ME)	—	171,486	—	—	—	—	—	294	—	—	477
Central Operating Co	**573,771**	**1,465**	**—**	**—**	**—**	**—**	**229**	**2**	**—**	**163**	**10**
Sporn, Phil (WV)	573,771	1,465	—	—	—	—	229	2	—	163	10
Central Power & Light Co	**340,847**	**999**	**947,797**	**1,512**	**—**	**—**	**180**	**2**	**9,821**	**333**	**463**
Bates, J L (TX)	—	—	38,983	—	—	—	—	—	466	—	39
Coleto Creek (TX)	340,847	998	—	—	—	—	180	2	—	333	5
Davis, Barney M (TX)	—	1	343,114	—	—	—	—	*	3,380	—	129
Eagle Pass (TX)	—	—	—	1,512	—	—	—	—	—	—	—
Hill, Lon C (TX)	—	—	154,871	—	—	—	—	—	1,638	—	60
Joslin, E S (TX)	—	—	37,287	—	—	—	—	—	389	—	50
La Palma (TX)	—	—	59,784	—	—	—	—	—	669	—	49
Laredo (TX)	—	—	47,600	—	—	—	—	—	583	—	24
Nueces Bay (TX)	—	—	254,400	—	—	—	—	—	2,570	—	59
Victoria (TX)	—	—	11,758	—	—	—	—	—	126	—	49
Chanute (City of)	**—**	**–196**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**1**
Chanute (KS)	—	–41	—	—	—	—	—	—	—	—	*
Chanute 2 (KS)	—	–29	—	—	—	—	—	—	—	—	*
Chanute 3 (KS)	—	–126	—	—	—	—	—	—	—	—	*
Chelan Pub Util Dist #1	**—**	**—**	**—**	**749,815**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Chelan (WA)	—	—	—	38,816	—	—	—	—	—	—	—
Rock Island (WA)	—	—	—	215,839	—	—	—	—	—	—	—
Rocky Reach (WA)	—	—	—	495,160	—	—	—	—	—	—	—
Chillicothe (City of)	**613**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	**1**	**9**
Chillicothe (MO)	613	—	—	—	—	—	*	—	—	1	9
Chugach Elec Assn Inc	**—**	**—**	**189,252**	**41,375**	**—**	**—**	**—**	**—**	**1,961**	**—**	**10**
Beluga (AK)	—	—	174,469	—	—	—	—	—	1,732	—	—
Bernice Lake (AK)	—	—	14,567	—	—	—	—	—	222	—	3
Bradley Lake (AK)	—	—	—	33,669	—	—	—	—	—	—	—
Cooper Lake (AK)	—	—	—	7,706	—	—	—	—	—	—	—
International (AK)	—	—	216	—	—	—	—	—	7	—	7
Soldotna (AK)	—	—	—	—	—	—	—	—	—	—	—
Cincinnati Gas Elec Co	**2,221,233**	**12,282**	**14,378**	**—**	**—**	**—**	**969**	**24**	**253**	**792**	**218**
Beckjord, Walter C (OH)	603,306	1,855	—	—	—	—	263	3	—	138	45
Dicks Creek (OH)	—	—	409	—	—	—	—	—	14	—	3
East Bend (KY)	241,677	1,564	—	—	—	—	111	3	—	170	6
Miami Fort (OH)	694,923	1,870	—	—	—	—	306	4	—	251	30
W. H. Zimmer ( )	681,327	5,338	—	—	—	—	289	10	—	233	42
Woodsdale (OH)	—	1,655	13,969	—	—	—	—	5	239	—	93
Citizens Utilities Co	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**1**
Valencia (AZ)	—	—	—	—	—	—	—	—	—	—	1
Clarksdale (City of)	**—**	**—**	**1,384**	**—**	**—**	**—**	**—**	*****	**18**	**—**	**19**
South (MS)	—	—	1,384	—	—	—	—	*	18	—	18
Third St (MS)	—	—	—	—	—	—	—	—	—	—	1
Cleveland (City of)	**—**	**—**	**112**	**—**	**—**	**—**	**—**	*****	**4**	**—**	**2**
Collinwood (OH)	—	—	42	—	—	—	—	*	1	—	1
Lake Road (OH)	—	—	—	—	—	—	—	—	—	—	—
West 41st Street (OH)	—	—	70	—	—	—	—	*	3	—	1
Cleveland Elec Illum Co	**640,627**	**2,860**	**—**	**—**	**888,836**	**—**	**262**	**5**	**—**	**471**	**30**
Ashtabula (OH)	13,081	374	—	—	—	—	10	1	—	32	2

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Cleveland Elec Illum Co											
Avon Lake (OH)	255,278	404	—	—	—	—	111	1	—	154	13
Eastlake (OH)	359,614	1,946	—	—	—	—	137	3	—	272	16
Lake Shore (OH)	12,654	136	—	—	—	—	4	*	—	13	—
Perry (OH)	—	—	—	—	888,836	—	—	—	—	—	—
Coffeyville (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Coffeyville (KS)	—	—	—	—	—	—	—	—	—	—	—
Colorado Springs(City of)	**283,680**	**34**	**1,609**	**2,673**	**—**	**—**	**146**	*****	**29**	**345**	**50**
Drake, Martin (CO)	144,611	—	650	—	—	—	79	—	8	86	—
George Birdsal (CO)	—	—	959	—	—	—	—	—	21	—	48
Manitou (CO)	—	—	—	1,358	—	—	—	—	—	—	—
Ray D. Nixon (CO)	139,069	34	—	—	—	—	67	*	—	259	2
Ruxton (CO)	—	—	—	—	—	—	—	—	—	—	—
Tesla (CO)	—	—	—	1,315	—	—	—	—	—	—	—
Columbia (City of)	**7,633**	**—**	**—**	**—**	**—**	**—**	**5**	**—**	**—**	**15**	**2**
Columbia (MO)	7,633	—	—	—	—	—	5	—	—	15	2
Columbus Southern Pwr Co	**804,075**	**586**	**—**	**—**	**—**	**—**	**350**	**1**	**—**	**527**	**9**
Conesville (OH)	772,378	457	—	—	—	—	333	1	—	509	8
Picway (OH)	31,697	129	—	—	—	—	17	*	—	18	*
Commonwealth Edison Co	**1,978,554**	**14,706**	**68,836**	**—**	**6,129,190**	**—**	**1,213**	**44**	**1,313**	**2,826**	**1,045**
Bloom (IL)	—	—	—	—	—	—	—	—	—	—	9
Braidwood (IL)	—	—	—	—	1,619,745	—	—	—	—	—	—
Byron (IL)	—	—	—	—	1,669,210	—	—	—	—	—	—
Calumet (IL)	—	—	25	—	—	—	—	—	2	—	14
Collins (IL)	—	9,583	49,229	—	—	—	—	35	1,092	—	923
Crawford (IL)	201,245	—	2,880	—	—	—	130	—	35	156	16
Dresden (IL)	—	—	—	—	1,171,271	—	—	—	—	—	—
Electric Junction (IL)	—	—	638	—	—	—	—	—	16	—	19
Fisk Street (IL)	97,638	—	1,085	—	—	—	56	—	11	—	11
Joliet (IL)	97,467	72	775	—	—	—	59	*	15	146	11
Joliet 29 (IL)	500,610	—	10,797	—	—	—	293	—	108	389	—
Kincaid (IL)	—	—	—	—	—	—	—	—	—	—	—
Lasalle (IL)	—	—	—	—	621,141	—	—	—	—	—	—
Lombard (IL)	—	—	—	—	—	—	—	—	—	—	15
Powerton (IL)	340,895	—	630	—	—	—	217	—	7	1,049	—
Quad-cities (IL)	—	—	—	—	1,052,633	—	—	—	—	—	—
Sabrooke (IL)	—	81	—	—	—	—	—	*	—	—	11
Waukegan (IL)	354,911	1,135	2,777	—	—	—	216	2	28	335	12
Will County (IL)	385,788	3,835	—	—	—	—	243	7	—	751	5
Zion (IL)	—	—	—	—	–4,810	—	—	—	—	—	—
Commonwealth Energy Sys	**—**	**743,597**	**4,104**	**—**	**—**	**—**	**—**	**1,119**	**34**	**—**	**2**
Blackstone Street (MA)	—	159	110	—	—	—	—	*	2	—	2
Canal (MA)	—	738,185	—	—	—	—	—	1,112	—	—	—
Kendall Square (MA)	—	5,208	3,994	—	—	—	—	7	32	—	—
Oak Bluffs (MA)	—	—	—	—	—	—	—	—	—	—	—
West Tisbury (MA)	—	45	—	—	—	—	—	*	—	—	—
Conn Yankee Atomic Pwr Co	**—**	**—**	**—**	**—**	**–1,540**	**—**	**—**	**—**	**—**	**—**	**—**
Haddam Neck (CT)	—	—	—	—	–1,540	—	—	—	—	—	—
Connecticut Lgt & Pwr Co	**—**	**518,103**	**10,766**	**18,145**	**—**	**42,947**	**—**	**931**	**121**	**—**	**1,449**
Bantam (CT)	—	—	—	68	—	—	—	—	—	—	—
Branford (CT)	—	44	—	—	—	—	—	*	—	—	1
Bulls Bridge (CT)	—	—	—	1,966	—	—	—	—	—	—	—
Cos Cob (CT)	—	165	—	—	—	—	—	*	—	—	7
Devon (CT)	—	101,957	5,323	—	—	—	—	179	58	—	189
Falls Village (CT)	—	—	—	1,387	—	—	—	—	—	—	—
Franklin (CT)	—	114	—	—	—	—	—	*	—	—	1
Middletown (CT)	—	178,467	4,329	—	—	—	—	333	50	—	541
Montville (CT)	—	145,059	1,114	—	—	—	—	263	13	—	313
Norwalk Harbor (CT)	—	90,669	—	—	—	—	—	151	—	—	344
Robertsville (CT)	—	—	—	17	—	—	—	—	—	—	—
Rocky River (CT)	—	—	—	3,698	—	—	—	—	—	—	—
Scotland (CT)	—	—	—	290	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Connecticut Lgt & Pwr Co											
Shepaug (CT)	—	—	—	5,740	—	—	—	—	—	—	—
South Meadow (CT)	—	1,354	—	—	—	42,947	—	4	—	—	52
Stevenson (CT)	—	—	—	4,444	—	—	—	—	—	—	—
Taftville (CT)	—	—	—	338	—	—	—	—	—	—	—
Torrington (CT)	—	177	—	—	—	—	—	*	—	—	1
Tunnel (CT)	—	97	—	197	—	—	—	*	—	—	1
Consol Edison Co N Y Inc	**—**	**149,952**	**329,065**	**—**	**724,004**	**—**	**—**	**277**	**3,561**	**—**	**2,498**
Arthur Kill (NY)	—	—	110,078	—	—	—	—	—	1,158	—	—
Astoria (NY)	—	126,371	163,926	—	—	—	—	210	1,687	—	137
Buchanan (NY)	—	10	—	—	—	—	—	*	—	—	4
East River (NY)	—	21,927	10,766	—	—	—	—	51	152	—	130
Gowanus (NY)	—	2,993	—	—	—	—	—	9	—	—	57
Hudson Avenue (NY)	—	—	—	—	—	—	—	—	—	—	4
Indian Point (NY)	—	10	—	—	724,004	—	—	*	—	—	14
Narrows (NY)	—	577	231	—	—	—	—	2	4	—	61
Oil Storage (NY)	—	—	—	—	—	—	—	—	—	—	1,686
Oil Storage (NY)	—	—	—	—	—	—	—	—	—	—	267
Ravenswood (NY)	—	−1,250	1,027	—	—	—	—	1	19	—	134
Waterside (NY)	—	984	43,037	—	—	—	—	2	541	—	—
59Th Street (NY)	—	—	—	—	—	—	—	—	—	—	—
74Th Street (NY)	—	−1,670	—	—	—	—	—	3	—	—	2
Consumers Power Co	**1,373,001**	**11,998**	**11,124**	**−48,943**	**233,096**	**—**	**613**	**34**	**212**	**1,210**	**410**
Alcona (MI)	—	—	—	2,191	—	—	—	—	—	—	—
Allegan Dam (MI)	—	—	—	909	—	—	—	—	—	—	—
Big Rock Point (MI)	—	—	—	—	—	—	—	—	—	—	—
Campbell, J H (MI)	665,378	2,273	—	—	—	—	278	4	—	441	6
Cobb, B C (MI)	194,169	8	977	—	—	—	95	*	9	478	—
Cooke (MI)	—	—	—	2,104	—	—	—	—	—	—	—
Croton (MI)	—	—	—	2,647	—	—	—	—	—	—	—
Five Channels (MI)	—	—	—	1,989	—	—	—	—	—	—	—
Foote (MI)	—	—	—	2,534	—	—	—	—	—	—	—
Gaylord (MI)	—	—	316	—	—	—	—	—	5	—	—
Hardy (MI)	—	—	—	6,101	—	—	—	—	—	—	—
Hodenpyl (MI)	—	—	—	3,192	—	—	—	—	—	—	—
Karn, D E (MI)	134,113	9,101	9,280	—	—	—	62	29	187	113	402
Loud (MI)	—	—	—	1,519	—	—	—	—	—	—	—
Ludington (MI)	—	—	—	−80,359	—	—	—	—	—	—	—
Mio (MI)	—	—	—	1,217	—	—	—	—	—	—	—
Morrow, B E (MI)	—	—	116	—	—	—	—	—	2	—	—
Palisades (MI)	—	—	—	—	233,096	—	—	—	—	—	—
Rogers (MI)	—	—	—	2,002	—	—	—	—	—	—	—
Straits (MI)	—	—	—	—	—	—	—	—	—	—	—
Thetford (MI)	—	—	331	—	—	—	—	—	7	—	—
Tippy, C W (MI)	—	—	—	4,550	—	—	—	—	—	—	—
Weadock, J C (MI)	208,605	169	104	—	—	—	101	*	2	43	—
Webber (MI)	—	—	—	461	—	—	—	—	—	—	—
Whiting, J R (MI)	170,736	447	—	—	—	—	77	1	—	135	3
Cooperative Power Asso	**758,078**	**48**	**—**	**—**	**—**	**—**	**709**	*****	**—**	**446**	**17**
Bonifacius (MN)	—	48	—	—	—	—	—	*	—	—	10
Coal Creek (ND)	758,078	—	—	—	—	—	709	—	—	446	8
Corn belt Power Coop	**209**	**—**	**3**	**—**	**—**	**—**	*****	**—**	*****	**21**	**—**
Humboldt (IA)	−30	—	—	—	—	—	—	—	—	—	—
Wisdom, Earl F (IA)	239	—	3	—	—	—	*	—	*	21	—
Crawfordsville (City of)	**1,121**	**1**	**—**	**—**	**—**	**—**	**1**	*****	**—**	**2**	*****
Crawfordsville (IN)	1,121	1	—	—	—	—	1	*	—	2	*
Dairyland Power Coop	**374,734**	**2,092**	**—**	**1,881**	**—**	**—**	**209**	**4**	**—**	**979**	**8**
Alma (WI)	55,412	87	—	—	—	—	31	*	—	160	*
Flambeau (WI)	—	—	—	1,881	—	—	—	—	—	—	—
Genoa (WI)	125,858	1,862	—	—	—	—	56	3	—	615	3
J P Madgett (WI)	193,464	143	—	—	—	—	122	*	—	204	5
Dayton Pwr & Lgt Co (The)	**1,945,210**	**4,757**	**5,072**	**—**	**—**	**—**	**747**	**9**	**64**	**1,286**	**101**
Frank M Tait (OH)	—	2,110	3,909	—	—	—	—	5	51	—	27

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Dayton Pwr & Lgt Co (The)											
Hutchings (OH)	29,287	—	1,162	—	—	—	14	—	13	197	1
Killen Station (OH)	441,091	100	—	—	—	—	177	*	—	204	58
Monument (OH)	—	—	—	—	—	—	—	—	—	—	1
Sidney (OH)	—	7	—	—	—	—	—	*	—	—	1
Stuart, J M (OH)	1,474,832	2,535	—	—	—	—	557	4	—	886	5
Yankee Street (OH)	—	5	1	—	—	—	—	*	*	—	8
Delmarva Power & Light Co	**230,532**	**56,695**	**99,488**	**—**	**—**	**—**	**105**	**104**	**912**	**470**	**848**
Bayview (VA)	—	512	—	—	—	—	—	1	—	—	1
Christiana (DE)	—	120	—	—	—	—	—	*	—	—	9
Crisfield (MD)	—	262	—	—	—	—	—	*	—	—	2
Delaware City (DE)	—	–6	—	—	—	—	—	—	—	—	4
Edge Moor (DE)	79,672	41,847	22,744	—	—	—	37	74	319	87	591
Hay Road (DE)	—	—	76,744	—	—	—	—	—	593	—	69
Indian River (DE)	150,860	2,351	—	—	—	—	67	5	—	383	9
Madison Street (DE)	—	–12	—	—	—	—	—	—	—	—	1
Tasley (VA)	—	348	—	—	—	—	—	1	—	—	10
Vienna (MD)	—	11,255	—	—	—	—	—	22	—	—	150
West Substation (DE)	—	18	—	—	—	—	—	*	—	—	2
Denton (City of)	**—**	**—**	**16,085**	**785**	**—**	**—**	**—**	**—**	**202**	**—**	**25**
Lewisdale (TX)	—	—	—	785	—	—	—	—	—	—	—
Roberts (TX)	—	—	—	—	—	—	—	—	—	—	—
Spencer (TX)	—	—	16,085	—	—	—	—	—	202	—	25
Deseret Gen & Trans Coop	**301,432**	**40**	**—**	**—**	**—**	**—**	**152**	*****	**—**	**258**	**7**
Bonanza (UT)	301,432	40	—	—	—	—	152	*	—	258	7
Detroit (City of)	**—**	**3,327**	**19,308**	**—**	**—**	**—**	**—**	**8**	**267**	**—**	**112**
Mistersky (MI)	—	3,327	19,308	—	—	—	—	8	267	—	112
Detroit Edison Co (The)	**4,064,512**	**10,166**	**111,977**	**—**	**827,645**	**—**	**2,023**	**20**	**2,920**	**5,750**	**865**
Beacon Heating (MI)	—	—	7,829	—	—	—	—	—	587	—	7
Belle River (MI)	709,000	1,092	—	—	—	—	389	2	—	—	17
Central Storage (MI)	—	—	—	—	—	—	—	—	—	1,073	—
Colfax (MI)	—	23	—	—	—	—	—	*	—	—	*
Conners Creek (MI)	—	13	—	—	—	—	—	*	—	—	1
Dayton (MI)	—	48	—	—	—	—	—	*	—	—	*
Enrico Fermi (MI)	—	195	—	—	827,645	—	—	1	—	—	11
Greenwood (MI)	—	4,337	74,073	—	—	—	—	8	820	—	689
Hancock (MI)	—	—	810	—	—	—	—	—	11	—	—
Harbor Beach (MI)	12,950	247	—	—	—	—	7	1	—	62	1
Marysville (MI)	11,520	—	1,258	—	—	—	7	—	18	38	—
Monroe (MI)	1,937,190	2,286	—	—	—	—	925	4	—	1,639	6
Northeast (MI)	—	129	–13	—	—	—	—	*	2	—	2
Oliver (MI)	—	45	—	—	—	—	—	*	—	—	*
Placid (MI)	—	32	—	—	—	—	—	*	—	—	*
Putnam (MI)	—	46	—	—	—	—	—	*	—	—	1
River Rouge (MI)	328,892	–13	26,433	—	—	—	153	*	1,467	74	2
Slocum (MI)	—	7	—	—	—	—	—	*	—	—	1
St. Clair (MI)	742,567	566	1,587	—	—	—	381	1	16	2,775	111
Superior (MI)	—	366	—	—	—	—	—	1	—	—	1
Trenton Channel (MI)	322,393	712	—	—	—	—	162	1	—	88	16
Wilmott (MI)	—	35	—	—	—	—	—	*	—	—	1
Douglas Pub Util Dist # 1	**—**	**—**	**—**	**353,070**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Wells (WA)	—	—	—	353,070	—	—	—	—	—	—	—
Dover (City of)	**—**	**4,168**	**—**	**—**	**—**	**—**	**—**	**8**	**—**	**—**	**56**
Mckee Run (DE)	—	4,168	—	—	—	—	—	8	—	—	51
Van Sant (DE)	—	—	—	—	—	—	—	—	—	—	5
Dover (City of)	**6,744**	**1**	**452**	**—**	**—**	**—**	**5**	*****	**7**	**1**	*****
Dover (OH)	6,744	1	452	—	—	—	5	*	7	1	*
Duke Power Co	**2,854,093**	**6,740**	**1,069**	**64,005**	**4,943,624**	**—**	**1,063**	**15**	**22**	**2,052**	**318**
Allen (NC)	127,375	1,291	—	—	—	—	52	2	—	348	1
Bad Creek (SC)	—	—	—	–32,657	—	—	—	—	—	—	—
Bear Creek (NC)	—	—	—	3,817	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Duke Power Co											
Belews Creek (NC)	1,340,542	1,016	—	—	—	—	485	2	—	440	5
Bridgewater (NC)	—	—	—	690	—	—	—	—	—	—	—
Bryson (NC)	—	—	—	261	—	—	—	—	—	—	—
Buck (NC)	71,796	637	27	—	—	—	33	1	*	135	13
Buzzard Roost (SC)	—	5	44	2,708	—	—	—	*	3	—	21
Catawba (NC)	—	—	—	—	1,736,229	—	—	—	—	—	—
Cedar Cliff (NC)	—	—	—	2,959	—	—	—	—	—	—	—
Cedar Creek (SC)	—	—	—	5,680	—	—	—	—	—	—	—
Cliffside (NC)	239,329	564	—	—	—	—	92	1	—	220	2
Cowans Ford (NC)	—	—	—	5,018	—	—	—	—	—	—	—
Dan River (NC)	–913	—	–52	—	—	—	*	*	—	117	9
Dearborn (SC)	—	—	—	8,138	—	—	—	—	—	—	—
Dillsboro (NC)	—	—	—	34	—	—	—	—	—	—	—
Fishing Creek (SC)	—	—	—	6,336	—	—	—	—	—	—	—
Franklin (NC)	—	—	—	193	—	—	—	—	—	—	—
Gaston Shoals (SC)	—	—	—	1,713	—	—	—	—	—	—	—
Great Falls (SC)	—	—	—	330	—	—	—	—	—	—	—
Jocassee (SC)	—	—	—	–6,716	—	—	—	—	—	—	—
Keowee (SC)	—	—	—	5,332	—	—	—	—	—	—	—
Lee (SC)	8,020	–27	—	—	—	—	3	1	—	154	11
Lincoln (NC)	—	1,961	1,103	—	—	—	—	6	17	—	222
Lookout Shoals (NC)	—	—	—	4,576	—	—	—	—	—	—	—
Marshall (NC)	1,025,193	1,294	—	—	—	—	378	2	—	403	10
Mc Guire (NC)	—	—	—	—	1,720,231	—	—	—	—	—	—
Mission (NC)	—	—	—	—	—	—	—	—	—	—	—
Mountain Island (NC)	—	—	—	2,982	—	—	—	—	—	—	—
Nantahala (NC)	—	—	—	11,862	—	—	—	—	—	—	—
Oconee (SC)	—	—	—	—	1,487,164	—	—	—	—	—	—
Oxford (NC)	—	—	—	6,730	—	—	—	—	—	—	—
Queens Creek (NC)	—	—	—	328	—	—	—	—	—	—	—
Rhodhiss (NC)	—	—	—	2,765	—	—	—	—	—	—	—
Riverbend (NC)	42,751	–1	–53	—	—	—	19	1	1	234	25
Rocky Creek (SC)	—	—	—	883	—	—	—	—	—	—	—
Tennessee Creek (NC)	—	—	—	3,337	—	—	—	—	—	—	—
Thorpe (NC)	—	—	—	5,393	—	—	—	—	—	—	—
Tuckasegee (NC)	—	—	—	575	—	—	—	—	—	—	—
Tuxedo (NC)	—	—	—	887	—	—	—	—	—	—	—
Wateree (SC)	—	—	—	10,403	—	—	—	—	—	—	—
Wylie (SC)	—	—	—	5,759	—	—	—	—	—	—	—
99 Islands (SC)	—	—	—	3,689	—	—	—	—	—	—	—
Duquesne Lgt Co	**460,067**	**728**	**1,264**	**—**	**1,240,144**	**—**	**203**	**4**	**12**	**408**	**31**
Beaver Valley (PA)	—	—	—	—	1,240,144	—	—	—	—	—	—
Brunot Island (PA)	—	–1,065	—	—	—	—	—	2	—	—	29
Cheswick (PA)	316,699	—	1,264	—	—	—	123	—	12	260	—
Elrama (PA)	143,368	1,793	—	—	—	—	80	2	—	148	2
Phillips, F (PA)	—	—	—	—	—	—	—	—	—	—	—
East Kentucky Power Coop	**847,775**	**613**	**2,888**	**—**	**—**	**—**	**346**	**1**	**35**	**566**	**96**
Cooper (KY)	171,388	92	—	—	—	—	71	*	—	113	1
Dale (KY)	102,886	181	—	—	—	—	48	*	—	46	*
Smith (KY)	—	179	2,888	—	—	—	—	*	35	—	91
Spurlock, H L (KY)	573,501	161	—	—	—	—	227	*	—	406	3
Easton (City of)	**—**	**44**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	**14**
Easton (MD)	—	44	—	—	—	—	—	*	—	—	7
Easton No. 2 (MD)	—	—	—	—	—	—	—	—	—	—	8
Edison Sault Electric Co	**—**	**–4**	**—**	**12,718**	**—**	**—**	**—**	*****	**—**	**—**	*****
Edison Sault (MI)	—	—	—	12,718	—	—	—	—	—	—	—
Manistique (MI)	—	–4	—	—	—	—	—	*	—	—	*
El Paso Electric Co	**—**	**—**	**226,717**	**—**	**—**	**—**	**—**	**—**	**2,594**	**—**	**70**
Copper (TX)	—	—	2,881	—	—	—	—	—	47	—	6
Newman (TX)	—	—	166,487	—	—	—	—	—	1,883	—	33
Rio Grande (NM)	—	—	57,349	—	—	—	—	—	664	—	31
Electric Energy Inc	**720,398**	**115**	**5,679**	**—**	**—**	**—**	**438**	*****	**58**	**610**	*****
Joppa Steam (IL)	720,398	115	5,679	—	—	—	438	*	58	610	*

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Empire District Elec Co	**164,888**	**2,248**	**13,976**	**843**	**—**	**—**	**104**	**5**	**178**	**204**	**72**
Asbury (MO)	122,658	180	—	—	—	—	77	*	—	163	1
Energy Center (MO)	—	–97	—	—	—	—	—	—	—	—	49
Ozark Beach (MO)	—	—	—	843	—	—	—	—	—	—	—
Riverton (KS)	42,230	38	203	—	—	—	27	*	2	40	8
State Line (MO)	—	2,127	13,773	—	—	—	—	5	176	—	15
Eugene (City of)	**—**	**—**	**—**	**47,515**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Carmen (OR)	—	—	—	33,206	—	—	—	—	—	—	—
Leaburg (OR)	—	—	—	8,539	—	—	—	—	—	—	—
Walterville (OR)	—	—	—	5,770	—	—	—	—	—	—	—
Willamette (OR)	—	—	—	—	—	—	—	—	—	—	—
Fairmont (City of)	**—**	**–6**	**–32**	**—**	**—**	**—**	**—**	*****	**1**	**—**	**1**
Fairmont (MN)	—	–6	–32	—	—	—	—	*	1	—	1
Farmington (City of)	**—**	**—**	**14,358**	**—**	**—**	**—**	**—**	**—**	**132**	**—**	**—**
Animas (NM)	—	—	14,358	—	—	—	—	—	132	—	—
Navajo (NM)	—	—	—	—	—	—	—	—	—	—	—
Fayetteville (City of)	**—**	**13**	**875**	**—**	**—**	**—**	**—**	*****	**18**	**—**	**65**
Pod #2 (NC)	—	13	875	—	—	—	—	*	18	—	65
Fitchburg Gas & Elec Lgt	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Fitchburg (MA)	—	—	—	—	—	—	—	—	—	—	—
Florida Power & Light Co	**—**	**1,743,569**	**1,639,418**	**—**	**2,031,686**	**—**	**—**	**2,784**	**13,044**	**—**	**5,373**
Cape Canaveral (FL)	—	249,385	72,559	—	—	—	—	381	655	—	565
Cutler (FL)	—	—	—	—	—	—	—	—	—	—	—
Fort Meyers (FL)	—	238,725	—	—	—	—	—	357	—	—	461
Lauderdale (FL)	—	—	423,933	—	—	—	—	—	3,377	—	162
Manatee (FL)	—	357,566	—	—	—	—	—	595	—	—	1,388
Martin (FL)	—	47,392	634,477	—	—	—	—	76	4,370	—	822
Port Everglades (FL)	—	250,596	110,997	—	—	—	—	394	1,199	—	759
Putnam (FL)	—	38	193,589	—	—	—	—	*	1,661	—	41
Riviera (FL)	—	281,343	55,328	—	—	—	—	440	560	—	198
Sanford (FL)	—	168,521	61,661	—	—	—	—	317	444	—	522
St. Lucie (FL)	—	—	—	—	991,795	—	—	—	—	—	—
Turkey Point (FL)	—	150,003	86,874	—	1,039,891	—	—	224	777	—	453
Florida Power Corporation	**980,016**	**655,287**	**59,847**	**—**	**573,117**	**—**	**361**	**1,006**	**777**	**621**	**1,403**
Anclote (FL)	—	476,195	—	—	—	—	—	722	—	—	249
Avon Park (FL)	—	—	1,080	—	—	—	—	—	16	—	6
Bartow Nth (FL)	—	—	—	—	—	—	—	—	—	—	141
Bartow Sth (FL)	—	—	—	—	—	—	—	—	—	—	128
Bartow Sth (FL)	—	—	—	—	—	—	—	—	—	—	*
Bartow, P L (FL)	—	168,377	7,653	—	—	—	—	262	115	—	181
Bayboro (FL)	—	193	—	—	—	—	—	1	—	—	42
Crystal River (FL)	980,016	4,811	—	—	573,117	—	361	8	—	621	15
Debary (FL)	—	1,666	11,038	—	—	—	—	4	140	—	256
Higgins (FL)	—	—	2,324	—	—	—	—	—	34	—	9
Hines Energy (FL)	—	—	—	—	—	—	—	—	—	—	—
Intercession City (FL)	—	3,584	24,559	—	—	—	—	9	286	—	211
Port St. Joe (FL)	—	—	—	—	—	—	—	—	—	—	—
Rio Pinar (FL)	—	—	—	—	—	—	—	—	—	—	2
Suwannee River (FL)	—	163	94	—	—	—	—	*	3	—	113
Tiger Bay (FL)	—	—	2,091	—	—	—	—	—	20	—	—
Turner, G E (FL)	—	298	—	—	—	—	—	1	—	—	50
Univ Proj (FL)	—	—	11,008	—	—	—	—	—	163	—	1
Fort Pierce (City of)	**—**	**—**	**121**	**—**	**—**	**—**	**—**	**—**	**4**	**—**	**21**
King (FL)	—	—	121	—	—	—	—	—	4	—	21
Freeport (Village of)	**—**	**–212**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	**6**
Plant No 1 (NY)	—	–76	—	—	—	—	—	*	—	—	1
Plant No 2 (NY)	—	–136	—	—	—	—	—	*	—	—	5
Fremont (City of)	**24,564**	**77**	**637**	**—**	**—**	**—**	**16**	*****	**7**	**62**	**1**
Lon Wright (NE)	24,564	77	637	—	—	—	16	*	7	62	1

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Fulton (City of)	—	—	—	—	—	—	—	—	—	—	**3**
Fulton (MO)	—	—	—	—	—	—	—	—	—	—	3
Gainesville (City of)	**116,420**	**—**	**11,220**	**—**	**—**	**—**	**49**	**—**	**142**	**101**	**111**
Deerhaven (FL)	116,420	—	11,410	—	—	—	49	—	142	101	69
Kelly, J R (FL)	—	—	–190	—	—	—	—	—	*	—	42
Gardner (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Gardner (KS)	—	—	—	—	—	—	—	—	—	—	—
Garland Mun Utils (City)	**—**	**—**	**68,172**	**—**	**—**	**—**	**—**	**—**	**751**	**—**	**107**
Newman, C E (TX)	—	—	1,206	—	—	—	—	—	18	—	17
Olinger, Ray (TX)	—	—	66,966	—	—	—	—	—	732	—	89
Georgia Power Co	**4,720,969**	**8,080**	**1,459**	**108,978**	**3,018,600**	**—**	**2,051**	**18**	**17**	**3,319**	**588**
Arkwright (GA)	–411	–41	—	—	—	—	—	*	—	41	17
Atkinson (GA)	—	–362	35	—	—	—	—	*	1	—	101
Barnett Shoals (GA)	—	—	—	–3	—	—	—	—	—	—	—
Bartlett Ferry (GA)	—	—	—	20,389	—	—	—	—	—	—	—
Bowen (GA)	977,028	1,620	—	—	—	—	396	3	—	729	12
Burton (GA)	—	—	—	1,233	—	—	—	—	—	—	—
Estatoah (GA)	—	—	—	—	—	—	—	—	—	—	—
Flint River (GA)	—	—	—	2,510	—	—	—	—	—	—	—
Goat Rock (GA)	—	—	—	9,580	—	—	—	—	—	—	—
Hammond (GA)	204,510	1,253	—	—	—	—	91	2	—	140	2
Harllee Branch (GA)	597,001	646	—	—	—	—	242	1	—	264	1
Hatch, Edwin I. (GA)	—	—	—	—	1,254,013	—	—	—	—	—	—
Langdale (GA)	—	—	—	216	—	—	—	—	—	—	—
Lloyd Shoals (GA)	—	—	—	4,751	—	—	—	—	—	—	—
Mcdonough, J (GA)	314,713	147	221	—	—	—	120	*	2	—	—
Mcmanus (GA)	—	–327	—	—	—	—	—	*	—	—	131
Mitchell, W (GA)	163	77	—	—	—	—	1	1	—	5	42
Morgan Falls (GA)	—	—	—	2,342	—	—	—	—	—	—	—
Nacoochee (GA)	—	—	—	834	—	—	—	—	—	—	—
North Highlands (GA)	—	—	—	5,812	—	—	—	—	—	—	—
Oliver Dam (GA)	—	—	—	11,547	—	—	—	—	—	—	—
Riverview (GA)	—	—	—	251	—	—	—	—	—	—	—
Robins (GA)	—	2,057	1,203	—	—	—	—	4	14	—	32
Scherer (GA)	1,670,873	805	—	—	—	—	810	1	—	1,357	21
Sinclair Dam (GA)	—	—	—	1,425	—	—	—	—	—	—	—
Tallulah Falls (GA)	—	—	—	6,772	—	—	—	—	—	—	—
Terrora (GA)	—	—	—	2,094	—	—	—	—	—	—	—
Tugalo (GA)	—	—	—	5,087	—	—	—	—	—	—	—
Vogtle (GA)	—	—	—	—	1,764,587	—	—	—	—	—	—
Wallace Dam (GA)	—	—	—	32,041	—	—	—	—	—	—	—
Wansley (GA)	797,663	1,225	—	—	—	—	320	2	—	403	33
Wilson (GA)	—	353	—	—	—	—	—	1	—	—	194
Yates (GA)	159,429	627	—	—	—	—	71	1	—	380	3
Yonah (GA)	—	—	—	2,097	—	—	—	—	—	—	—
Glencoe (City of)	**—**	**13**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	**1**
Glencoe (MN)	—	13	—	—	—	—	—	*	—	—	1
Glendale (City of)	**—**	**—**	**24,515**	**—**	**—**	**—**	**—**	**—**	**317**	**—**	**40**
Grayson (CA)	—	—	24,515	—	—	—	—	—	317	—	40
Golden Valley Elec Assn	**15,847**	**54,950**	**—**	**—**	**—**	**—**	**14**	**97**	**—**	**—**	**5**
Chena (AK)	—	–18	—	—	—	—	—	*	—	—	*
Fairbanks (AK)	—	246	—	—	—	—	—	1	—	—	2
Healy (AK)	15,847	98	—	—	—	—	14	*	—	—	1
North Pole (AK)	—	54,624	—	—	—	—	—	96	—	—	1
Grand Haven (City of)	**35,341**	**1**	**—**	**—**	**—**	**—**	**17**	*****	**—**	**80**	**10**
Harbor Avenue (MI)	—	1	—	—	—	—	—	*	—	—	10
J B Simms (MI)	35,341	—	—	—	—	—	17	—	—	80	—
Grand Island (City of)	**50,597**	**—**	**—**	**—**	**—**	**—**	**31**	**—**	**—**	**82**	**56**
Burdick, C W (NE)	—	—	—	—	—	—	—	—	—	—	56
Platte (NE)	50,597	—	—	—	—	—	31	—	—	82	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Grand River Dam Authority	**535,011**	**—**	**5,178**	**80,916**	**—**	**—**	**334**	**—**	**55**	**764**	**2**
GRDA No 1 (OK)	535,011	—	5,178	—	—	—	334	—	55	764	2
Markham (OK)	—	—	—	34,687	—	—	—	—	—	—	—
Pensacola (OK)	—	—	—	53,569	—	—	—	—	—	—	—
Salina (OK)	—	—	—	–7,340	—	—	—	—	—	—	—
Grant Pub Util Dist #2	**—**	**—**	**—**	**871,239**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Pec Hdwks (WA)	—	—	—	—	—	—	—	—	—	—	—
Priest Rapids (WA)	—	—	—	432,293	—	—	—	—	—	—	—
Quincy Chut (WA)	—	—	—	—	—	—	—	—	—	—	—
Wanapum (WA)	—	—	—	438,946	—	—	—	—	—	—	—
Green Mountain Power Corp	**—**	**998**	**—**	**13,400**	**—**	**—**	**—**	**3**	**—**	**—**	**12**
Berlin (VT)	—	668	—	—	—	—	—	2	—	—	9
Bolton Falls (VT)	—	—	—	2,931	—	—	—	—	—	—	—
Carthusians (VT)	—	—	—	—	—	—	—	—	—	—	—
Colchester (VT)	—	248	—	—	—	—	—	1	—	—	2
Essex Junction 19 (VT)	—	69	—	4,042	—	—	—	*	—	—	*
Gorge 18 (VT)	—	—	—	1,445	—	—	—	—	—	—	—
Marshfield 6 (VT)	—	—	—	999	—	—	—	—	—	—	—
Middlesex 2 (VT)	—	—	—	1,470	—	—	—	—	—	—	—
Searsburg (VT)	—	—	—	—	—	—	—	—	—	—	—
Vergennes 9 (VT)	—	13	—	698	—	—	—	*	—	—	*
Waterbury 22 (VT)	—	—	—	1,380	—	—	—	—	—	—	—
West Danville 15 (VT)	—	—	—	435	—	—	—	—	—	—	—
Greenville (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Steam (TX)	—	—	—	—	—	—	—	—	—	—	—
Steam (TX)	—	—	—	—	—	—	—	—	—	—	—
Greenwood Utils (City of)	**—**	**—**	**3,021**	**—**	**—**	**—**	**—**	**—**	**47**	**9**	**6**
Henderson (MS)	—	—	2,427	—	—	—	—	—	41	9	4
Wright (MS)	—	—	594	—	—	—	—	—	6	*	2
Gulf Power Company	**676,002**	**807**	**1,843**	**—**	**—**	**—**	**296**	**1**	**20**	**246**	**10**
Crist (FL)	477,453	379	1,843	—	—	—	210	1	20	173	2
Scholz (FL)	4,713	16	—	—	—	—	2	*	—	13	*
Smith (FL)	193,836	412	—	—	—	—	83	1	—	60	8
Gulf States Utilities Co	**168,895**	**450**	**1,395,777**	**48,508**	**696,411**	**—**	**114**	**1**	**14,525**	**330**	**663**
Lewis Creek (TX)	—	—	248,812	—	—	—	—	—	2,535	—	34
Louisiana 1 (LA)	—	—	76,642	—	—	—	—	—	943	—	—
Louisiana 2 (LA)	—	—	—	—	—	—	—	—	—	—	—
Neches (TX)	—	—	—	—	—	—	—	—	—	—	—
Nelson, R S (LA)	168,895	288	156,604	—	—	—	114	1	1,754	330	109
River Bend (LA)	—	—	—	—	696,411	—	—	—	—	—	—
Sabine (TX)	—	33	824,159	—	—	—	—	*	8,206	—	*
Toledo Bend (TX)	—	—	—	48,508	—	—	—	—	—	—	—
Willow Glen (LA)	—	129	89,560	—	—	—	—	*	1,087	—	520
GPU Nuclear Corp	**—**	**—**	**—**	**—**	**1,077,050**	**—**	**—**	**—**	**—**	**—**	**—**
Oyster Creek (NJ)	—	—	—	—	468,254	—	—	—	—	—	—
Three Mile Island (PA)	—	—	—	—	608,796	—	—	—	—	—	—
Hamilton (City of)	**28,003**	**7**	**807**	**30,022**	**—**	**—**	**14**	*****	**10**	**6**	**3**
Hamilton (OH)	28,003	7	807	—	—	—	14	*	10	6	3
Hamilton Hydro (OH)	—	—	—	333	—	—	—	—	—	—	—
Vanceburg Hydro (KY)	—	—	—	29,689	—	—	—	—	—	—	—
Hastings (City of)	**41,528**	**—**	**–229**	**—**	**—**	**—**	**27**	*****	**1**	**56**	**11**
Don Henry (NE)	—	—	1	—	—	—	—	—	*	—	2
North Denver (NE)	—	—	–230	—	—	—	—	*	1	—	7
Whelan (NE)	41,528	—	—	—	—	—	27	—	—	56	3
Hawaii Electric Light Co	**—**	**50,067**	**—**	**2,142**	**—**	**312**	**—**	**112**	**—**	**—**	**63**
Kanoelehua (HI)	—	1,805	—	—	—	—	—	3	—	—	4
Keahole (HI)	—	6,085	—	—	—	—	—	14	—	—	5
Lalamilo (HI)	—	—	—	—	—	312	—	—	—	—	—
Puma (HI)	—	15,632	—	—	—	—	—	37	—	—	18
Puueo (HI)	—	—	—	1,691	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Hawaii Electric Light Co											
Shipman (HI)	—	2,971	—	—	—	—	—	8	—	—	5
W. H. Hill (HI)	—	23,150	—	—	—	—	—	49	—	—	30
Waiau (HI)	—	—	—	451	—	—	—	—	—	—	—
Waimea (HI)	—	424	—	—	—	—	—	1	—	—	2
Hawaiian Elec Co Inc	**—**	**342,198**	**—**	**—**	**—**	**—**	**—**	**568**	**—**	**—**	**660**
Honolulu (HI)	—	1,773	—	—	—	—	—	6	—	—	51
Kahe (HI)	—	258,156	—	—	—	—	—	423	—	—	214
Oil Storage (CA)	—	—	—	—	—	—	—	—	—	—	241
Waiau (HI)	—	82,269	—	—	—	—	—	139	—	—	154
Henderson (City of)	**3,664**	**1**	**—**	**—**	**—**	**—**	**3**	*****	**—**	*****	*****
Henderson (KY)	3,664	1	—	—	—	—	3	*	—	*	*
Hetch Hetchy Water & Pwr	**—**	**—**	**—**	**135,155**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Holm, Dion R (CA)	—	—	—	71,127	—	—	—	—	—	—	—
Kirkwood, Robert C (CA)	—	—	—	33,073	—	—	—	—	—	—	—
Moccasin (CA)	—	—	—	30,253	—	—	—	—	—	—	—
Moccasin Low (CA)	—	—	—	702	—	—	—	—	—	—	—
Hibbing (City of)	**3,075**	**—**	**15**	**—**	**—**	**—**	**3**	**—**	*****	**1**	**—**
Hibbing (MN)	3,075	—	15	—	—	—	3	—	*	1	—
Holland (City of)	**28,198**	**4**	**19**	**—**	**—**	**—**	**15**	*****	*****	**80**	**7**
James De Young (MI)	28,198	4	19	—	—	—	15	*	*	80	*
48 Street (MI)	—	—	—	—	—	—	—	—	—	—	6
6Th Street (MI)	—	—	—	—	—	—	—	—	—	—	*
Holyoke (City of)	**—**	**–1**	**–9**	**508**	**—**	**—**	**—**	*****	**7**	**—**	**19**
Cabot-Holyoke (MA)	—	–1	–9	508	—	—	—	*	7	—	19
Holyoke Wtr Pwr Co	**87,596**	**186**	**—**	**21,878**	**—**	**—**	**33**	*****	**—**	**89**	*****
Boatlock (MA)	—	—	—	1,216	—	—	—	—	—	—	—
Chemical (MA)	—	—	—	258	—	—	—	—	—	—	—
Hadley Falls (MA)	—	—	—	18,771	—	—	—	—	—	—	—
Holbrook, Beebe (MA)	—	—	—	14	—	—	—	—	—	—	—
Mt Tom (MA)	87,596	186	—	—	—	—	33	*	—	89	*
Riverside (MA)	—	—	—	1,517	—	—	—	—	—	—	—
Skinner (MA)	—	—	—	102	—	—	—	—	—	—	—
Homestead (City of)	**—**	**479**	**4,311**	**—**	**—**	**—**	**—**	**1**	**42**	**—**	**7**
G W Ivey (FL)	—	479	4,311	—	—	—	—	1	42	—	7
Hoosier Energy Rural	**735,979**	**1,287**	**—**	**—**	**—**	**—**	**339**	**2**	**—**	**534**	**9**
Merom (IN)	601,130	1,076	—	—	—	—	274	2	—	499	8
Ratts (IN)	134,849	211	—	—	—	—	65	*	—	35	*
Houston Lighting & Pwr Co	**2,576,617**	**3,831**	**1,027,332**	**—**	**1,825,447**	**—**	**1,795**	**8**	**11,087**	**1,524**	**176**
Bertron, Sam (TX)	—	—	70,548	—	—	—	—	—	788	—	—
Cedar Bayou (TX)	—	1,282	344,385	—	—	—	—	3	3,936	—	106
Clarke, Hiram (TX)	—	—	–88	—	—	—	—	—	—	—	—
Deepwater (TX)	—	—	4,618	—	—	—	—	—	73	—	—
Greens Bayou (TX)	—	2,549	40,567	—	—	—	—	5	465	—	70
Limestone (TX)	1,088,968	—	10,457	—	—	—	871	—	108	373	—
Oil Storage (TX)	—	—	—	—	—	—	—	—	—	—	—
Parish, W A (TX)	1,487,649	—	26,979	—	—	—	924	—	349	1,151	—
Robinson, P H (TX)	—	—	238,403	—	—	—	—	—	2,444	—	—
San Jacinto (TX)	—	—	128,926	—	—	—	—	—	1,428	—	—
South Texas (TX)	—	—	—	—	1,825,447	—	—	—	—	—	—
Webster (TX)	—	—	1,811	—	—	—	—	—	29	—	—
Wharton, T H (TX)	—	—	160,726	—	—	—	—	—	1,467	—	—
Hutchinson (City of)	**—**	**17**	**40**	**—**	**—**	**—**	**—**	*****	**1**	**—**	**4**
Plant No. 1 (MN)	—	17	40	—	—	—	—	*	1	—	1
Plant No. 2 (MN)	—	—	—	—	—	—	—	—	—	—	3
Idaho Power Co	**—**	**4**	**—**	**928,096**	**—**	**—**	**—**	*****	**—**	**—**	*****
American Falls (ID)	—	—	—	42,279	—	—	—	—	—	—	—
Bliss (ID)	—	—	—	34,667	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Idaho Power Co											
Brownlee (ID)	—	—	—	272,604	—	—	—	—	—	—	—
Cascade (ID)	—	—	—	3,205	—	—	—	—	—	—	—
Clear Lake (ID)	—	—	—	1,321	—	—	—	—	—	—	—
Hells Canyon (OR)	—	—	—	210,400	—	—	—	—	—	—	—
Lower Malad (ID)	—	—	—	9,654	—	—	—	—	—	—	—
Lower Salmon (ID)	—	—	—	42,559	—	—	—	—	—	—	—
Milner (ID)	—	—	—	41,349	—	—	—	—	—	—	—
Oxbow (OR)	—	—	—	111,171	—	—	—	—	—	—	—
Salmon (ID)	—	4	—	—	—	—	—	*	—	—	*
Shoshone Falls (ID)	—	—	—	9,902	—	—	—	—	—	—	—
Strike, C J (ID)	—	—	—	66,555	—	—	—	—	—	—	—
Swan Falls (ID)	—	—	—	7,871	—	—	—	—	—	—	—
Thousand Springs (ID)	—	—	—	5,351	—	—	—	—	—	—	—
Twin Falls (ID)	—	—	—	38,885	—	—	—	—	—	—	—
Upper Malad (ID)	—	—	—	5,021	—	—	—	—	—	—	—
Upper Salmon (ID)	—	—	—	13,083	—	—	—	—	—	—	—
Upper Salmon (ID)	—	—	—	12,219	—	—	—	—	—	—	—
Illinois Power Co	**1,429,578**	**9,125**	**5,471**	**—**	**–8,458**	**—**	**670**	**3**	**84**	**888**	**82**
Baldwin (IL)	796,721	323	—	—	—	—	375	1	—	613	2
Clinton (IL)	—	—	—	—	–8,458	—	—	—	—	—	—
Havana (IL)	225,445	1,236	161	—	—	—	107	2	2	87	72
Hennepin (IL)	133,388	7,566	464	—	—	—	59	—	4	42	—
Oglesby (IL)	—	—	—	—	—	—	—	—	—	—	8
Stallings (IL)	—	—	–28	—	—	—	—	—	—	—	—
Vermilion (IL)	81,574	—	633	—	—	—	43	—	7	32	*
Wood River (IL)	192,450	—	4,241	—	—	—	86	—	71	114	—
Imperial Irrigation Dist	**—**	**—**	**15,696**	**31,503**	**—**	**—**	**—**	**—**	**187**	**—**	**135**
Brawley (CA)	—	—	—	—	—	—	—	—	—	—	—
Coachella (CA)	—	—	2	—	—	—	—	—	*	—	12
Double Weir (CA)	—	—	—	—	—	—	—	—	—	—	—
Drop No 1 (CA)	—	—	—	1,265	—	—	—	—	—	—	—
Drop No. 5 (CA)	—	—	—	731	—	—	—	—	—	—	—
Drop 2 (CA)	—	—	—	3,044	—	—	—	—	—	—	—
Drop 3 (CA)	—	—	—	2,392	—	—	—	—	—	—	—
Drop 4 (CA)	—	—	—	5,652	—	—	—	—	—	—	—
E Highline (CA)	—	—	—	243	—	—	—	—	—	—	—
El Centro (CA)	—	—	15,694	—	—	—	—	—	187	—	105
Pilot Knob (CA)	—	—	—	18,061	—	—	—	—	—	—	—
Rockwood (CA)	—	—	—	—	—	—	—	—	—	—	18
Turnip (CA)	—	—	—	115	—	—	—	—	—	—	—
Independence (City of)	**18,376**	**–179**	**404**	**—**	**—**	**—**	**12**	*****	**5**	**27**	**17**
Blue Valley (MO)	18,376	—	404	—	—	—	12	—	5	14	10
Jackson Square (MO)	—	4	—	—	—	—	—	*	—	—	2
Missouri City (MO)	—	–183	—	—	—	—	—	*	—	13	1
Station H (MO)	—	—	—	—	—	—	—	—	—	—	1
Station I (MO)	—	—	—	—	—	—	—	—	—	—	2
Indiana Michigan Power Co	**2,142,554**	**3,775**	**—**	**8,080**	**—**	**—**	**1,130**	**6**	**—**	**1,186**	**17**
Berrien Springs (MI)	—	—	—	2,605	—	—	—	—	—	—	—
Buchanan (MI)	—	—	—	1,438	—	—	—	—	—	—	—
Constantine (MI)	—	—	—	394	—	—	—	—	—	—	—
Cook, Donald C. (MI)	—	—	—	—	—	—	—	—	—	—	—
Elkhart (IN)	—	—	—	965	—	—	—	—	—	—	—
Fourth Street (IN)	—	—	—	—	—	—	—	—	—	—	*
Mottville (MI)	—	—	—	446	—	—	—	—	—	—	—
Rockport (IN)	1,784,990	2,009	—	—	—	—	987	3	—	918	13
Tanners Creek (IN)	357,564	1,766	—	—	—	—	143	3	—	268	4
Twin Branch (IN)	—	—	—	2,232	—	—	—	—	—	—	—
Indiana Mun Power Agency	**—**	**5**	**46**	**—**	**—**	**—**	**—**	*****	**1**	**—**	**12**
Anderson (IN)	—	5	46	—	—	—	—	*	1	—	12
Indiana-Kentucky El Corp	**733,566**	**357**	**—**	**—**	**—**	**—**	**373**	**1**	**—**	**582**	**3**
Clifty Creek (IN)	733,566	357	—	—	—	—	373	1	—	582	3
Indianapolis Pwr & Lgt Co	**1,431,878**	**1,466**	**1,350**	**—**	**—**	**—**	**672**	**3**	**21**	**1,697**	**83**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Indianapolis Pwr & Lgt Co											
Perry K (IN)	—	—	–802	—	—	—	—	—	—	55	5
Petersburg (IN)	1,077,065	314	—	—	—	—	503	1	—	1,163	9
Pritchard, H T (IN)	81,778	373	—	—	—	—	42	1	—	235	10
Stout, Elmer W (IN)	273,035	779	2,152	—	—	—	126	1	21	245	59
Indianola (City of)	**—**	**–25**	**–3**	**—**	**—**	**—**	**—**	*****	*****	**—**	**21**
Indianola (IA)	—	–25	–3	—	—	—	—	*	*	—	21
International Bound & Water Comm	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Amistad (TX)	—	—	—	—	—	—	—	—	—	—	—
Falcon (TX)	—	—	—	—	—	—	—	—	—	—	—
Interstate Power Co	**189,797**	**572**	**–24**	**—**	**—**	**—**	**112**	**2**	**1**	**725**	**20**
Dubuque (IA)	28,776	–7	3	—	—	—	17	*	*	95	*
Fox Lake (MN)	—	117	–138	—	—	—	—	1	—	—	12
Hills (MN)	—	–21	—	—	—	—	—	—	—	—	*
Kapp, M L (IA)	84,092	—	111	—	—	—	40	—	1	214	—
Lansing (IA)	76,929	591	—	—	—	—	56	1	—	417	2
Lime Creek (IA)	—	–90	—	—	—	—	—	*	—	—	4
Montgomery (MN)	—	–14	—	—	—	—	—	—	—	—	2
New Albin (IA)	—	–4	—	—	—	—	—	*	—	—	*
Rushford (MN)	—	—	—	—	—	—	—	—	—	—	—
Iola (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**2**
Iola (KS)	—	—	—	—	—	—	—	—	—	—	2
IES Utilities Co	**732,608**	**143**	**6,024**	**463**	**315,170**	**1,290**	**467**	**1**	**92**	**808**	**37**
Ames (IA)	—	—	—	—	—	—	—	—	—	—	1
Anamosa (IA)	—	—	—	104	—	—	—	—	—	—	—
Arnold, Duane (IA)	—	—	—	—	315,170	—	—	—	—	—	—
Burlington (IA)	86,256	—	168	—	—	—	53	—	2	75	1
Centerville (IA)	—	–117	—	—	—	—	—	—	—	—	6
Grinnell (IA)	—	—	–49	—	—	—	—	—	—	—	—
Iowa Falls (IA)	—	—	—	–3	—	—	—	—	—	—	—
Maquoketa (IA)	—	—	—	362	—	—	—	—	—	—	—
Marshalltown (IA)	—	255	—	—	—	—	—	1	—	—	21
Ottumwa (IA)	464,592	—	—	—	—	—	293	—	—	522	8
Prairie Creek (IA)	84,410	5	262	—	—	—	53	*	3	85	*
Sutherland (IA)	86,839	—	3,352	—	—	—	57	—	39	123	—
6Th Street (IA)	10,511	—	2,291	—	—	1,290	11	—	48	4	1
Jacksonville (City of)	**640,297**	**398,128**	**75,627**	**—**	**—**	**—**	**264**	**393**	**754**	**348**	**1,321**
Kennedy, J D (FL)	—	2,834	4,390	—	—	—	—	7	59	—	239
Northside (FL)	—	239,742	68,018	—	—	—	—	379	642	—	899
Southside (FL)	—	64	3,219	—	—	—	—	*	52	—	178
St. Johns River	640,297	155,488	—	—	—	—	264	7	—	348	4
Jamestown (City of)	**10,459**	**19**	**—**	**—**	**—**	**—**	**7**	*****	**—**	**4**	*****
Carlson, S A (NY)	10,459	19	—	—	—	—	7	*	—	4	*
Jersey Central Power&Light Co	**—**	**6,486**	**6,725**	**–12,556**	**—**	**—**	**—**	**11**	**117**	**—**	**252**
Forked River (NJ)	—	1,023	4	—	—	—	—	2	*	—	10
Gardner, Glen (NJ)	—	—	–9	—	—	—	—	—	—	—	16
Gilbert (NJ)	—	5,868	7,777	—	—	—	—	8	115	—	145
Sayreville (NJ)	—	—	–1,047	—	—	—	—	*	2	—	65
Werner (NJ)	—	–405	—	—	—	—	—	—	—	—	16
Yards Creek (NJ)	—	—	—	–12,556	—	—	—	—	—	—	—
Kansas City (City of)	**215,803**	**684**	**1,204**	**—**	**—**	**—**	**138**	**2**	**29**	**346**	**14**
Kaw (KS)	—	—	—	—	—	—	—	—	—	—	*
Nearman Creek (KS)	137,605	571	—	—	—	—	92	1	—	275	4
Quindaro (KS)	78,198	113	1,204	—	—	—	46	1	29	71	10
Kansas City Pwr & Lgt Co	**1,280,164**	**19,935**	**12,592**	**—**	**—**	**—**	**812**	**36**	**127**	**1,611**	**141**
Grand Ave (MO)	—	—	—	—	—	—	—	—	—	—	—
Hawthorn (MO)	166,361	430	12,592	—	—	—	102	1	127	185	3
Iatan (MO)	454,220	75	—	—	—	—	263	*	—	356	9

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Kansas City Pwr & Lgt Co											
La Cygne (KS)	452,688	13,406	—	—	—	—	311	21	—	803	20
Montrose (MO)	206,895	2,116	—	—	—	—	136	3	—	267	11
Northeast (MO)	—	3,908	—	—	—	—	—	11	—	—	99
Kauai Electric Company	**—**	**30,955**	**—**	**—**	**—**	**—**	**—**	**56**	**—**	**—**	**—**
Port Allen (HI)	—	30,955	—	—	—	—	—	56	—	—	—
Kennett (City of)	**—**	**6**	**45**	**—**	**—**	**—**	**—**	*****	*****	**—**	**6**
Kennett (MO)	—	6	45	—	—	—	—	*	*	—	6
Kentucky Power Co	**719,801**	**330**	**—**	**—**	**—**	**—**	**278**	**1**	**—**	**270**	**7**
Big Sandy (KY)	719,801	330	—	—	—	—	278	1	—	270	7
Kentucky Utilities Co	**1,532,316**	**1,006**	**778**	**1,934**	**—**	**—**	**661**	**4**	**19**	**866**	**83**
Brown, E W (KY)	326,849	111	813	—	—	—	139	1	18	97	55
Dix Dam (KY)	—	—	—	1,274	—	—	—	—	—	—	—
Ghent (KY)	1,103,619	709	—	—	—	—	471	3	—	668	13
Green River (KY)	80,533	105	—	—	—	—	40	*	—	86	2
Haefling (KY)	—	—	–35	—	—	—	—	—	*	—	4
Lock 7 (KY)	—	—	—	660	—	—	—	—	—	—	—
Pineville (KY)	7,128	2	—	—	—	—	4	*	—	4	*
Tyrone (KY)	14,187	79	—	—	—	—	7	*	—	12	9
Key West (City of)	**—**	**7**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	**63**
Big Pine (FL)	—	—	—	—	—	—	—	—	—	—	1
Cudjoe (FL)	—	10	—	—	—	—	—	*	—	—	2
Key West (FL)	—	–4	—	—	—	—	—	*	—	—	—
Stock Island (FL)	—	1	—	—	—	—	—	*	—	—	60
Stock Island D 1 (FL)	—	—	—	—	—	—	—	—	—	—	—
KeySpan Energy	**—**	**650,906**	**238,399**	**—**	**—**	**—**	**—**	**1,042**	**2,469**	**—**	**1,943**
Barrett, E F (NY)	—	1,836	155,459	—	—	—	—	3	1,578	—	374
Brookhaven (NY)	—	7,343	—	—	—	—	—	12	—	—	35
East Hampton (NY)	—	12	—	—	—	—	—	*	—	—	4
Far Rockway (NY)	—	—	–242	—	—	—	—	—	—	—	1
Glenwood (NY)	—	–175	18,442	—	—	—	—	*	233	—	32
Holbrook (NY)	—	4,539	—	—	—	—	—	5	—	—	84
Montauk (NY)	—	24	—	—	—	—	—	*	—	—	1
Northport (NY)	—	485,465	55,740	—	—	—	—	775	568	—	1,065
Port Jefferson (NY)	—	152,052	9,000	—	—	—	—	247	90	—	328
Shoreham (NY)	—	–97	—	—	—	—	—	—	—	—	7
Southhampton (NY)	—	–16	—	—	—	—	—	—	—	—	1
Southold (NY)	—	–146	—	—	—	—	—	—	—	—	2
West Babylon (NY)	—	69	—	—	—	—	—	*	—	—	8
Kings River Conserv Dist	**—**	**—**	**—**	**23,776**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Pine Flat (CA)	—	—	—	23,776	—	—	—	—	—	—	—
Kissimmee (City of)	**—**	**–2**	**67,336**	**—**	**—**	**—**	**—**	*****	**529**	**—**	**31**
Cane Island (FL)	—	—	66,359	—	—	—	—	*	517	—	15
Kissimmee (FL)	—	–2	977	—	—	—	—	—	12	—	16
Kodiak Electric Assn Inc	**—**	**1,193**	**—**	**9,138**	**—**	**—**	**—**	**2**	**—**	**—**	**1**
Kodiac A (AK)	—	1,201	—	—	—	—	—	2	—	—	1
Port Lions (AK)	—	–8	—	—	—	—	—	—	—	—	*
Terror Lake AK)	—	—	—	9,138	—	—	—	—	—	—	—
KG&E - Western Resources	**—**	**1,352**	**52,982**	**—**	**—**	**—**	**—**	**3**	**692**	**—**	**432**
Evans, Gordon (KS)	—	—	43,277	—	—	—	—	—	548	—	119
Gill, Murray (KS)	—	1,352	9,705	—	—	—	—	3	144	—	314
Neosho (KS)	—	—	—	—	—	—	—	—	—	—	—
KPL - Western Resources	**1,294,652**	**2,604**	**3,245**	**—**	**—**	**—**	**794**	**6**	**56**	**1,803**	**197**
Abilene (KS)	—	—	–62	—	—	—	—	—	—	—	15
Hutchinson (KS)	—	–21	479	—	—	—	—	1	24	—	143
Jeffrey (KS)	969,882	2,625	—	—	—	—	618	5	—	1,359	35
Lawrence (KS)	230,093	—	1,721	—	—	—	121	—	19	330	2
Tecumseh (KS)	94,677	—	1,107	—	—	—	55	—	13	114	1

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Lafayette Util Sys (City)	**—**	**—**	**49,953**	**—**	**—**	**—**	**—**	**—**	**508**	**—**	**93**
Doc Bonin (LA)	—	—	49,960	—	—	—	—	—	508	—	93
Rodemacher (LA)	—	—	–7	—	—	—	—	—	—	—	—
Lake Worth (City of)	**—**	**218**	**11,800**	**—**	**—**	**—**	**—**	*****	**138**	**—**	**7**
Smith, Tom G (FL)	—	218	11,800	—	—	—	—	*	138	—	7
Lakeland (City of)	**197,043**	**10,978**	**51,289**	**—**	**—**	**—**	**80**	*****	**527**	**185**	**112**
Larsen Memorial (FL)	—	—	26,611	—	—	—	—	—	255	—	26
Mcintosh, C D (FL)	197,043	10,978	24,678	—	—	—	80	*	271	185	86
Lamar (City of)	**—**	**—**	**7,184**	**—**	**—**	**—**	**—**	**—**	**95**	**—**	**6**
Lamar (CO)	—	—	7,184	—	—	—	—	—	95	—	6
Lansing (City of)	**177,949**	**615**	**—**	**—**	**—**	**—**	**90**	**1**	**—**	**125**	**1**
Eckert Station (MI)	99,288	450	—	—	—	—	59	1	—	19	1
Erickson (MI)	78,661	165	—	—	—	—	31	*	—	106	*
Moores Park (MI)	—	—	—	—	—	—	—	—	—	—	—
Lea County Elec Coop	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
North Lovington (NM)	—	—	—	—	—	—	—	—	—	—	—
Lebanon (City of)	**—**	**6**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	**1**
Lebanon (OH)	—	6	—	—	—	—	—	*	—	—	1
Lincoln (City of)	**—**	**2**	**9**	**—**	**—**	**—**	**—**	*****	*****	**—**	**28**
Lincoln J Street (NE)	—	—	9	—	—	—	—	—	*	—	4
Rokeby (NE)	—	2	—	—	—	—	—	*	—	—	24
Logansport (City of)	**17,035**	**—**	**—**	**—**	**—**	**—**	**10**	**—**	**—**	**5**	**—**
Logansport (IN)	17,035	—	—	—	—	—	10	—	—	5	—
Los Angeles (City of)	**1,207,978**	**611**	**132,918**	**80,530**	**—**	**11,971**	**495**	**1**	**1,303**	**872**	**420**
Big Pine Creek (CA)	—	—	—	435	—	—	—	—	—	—	—
Castaic (CA)	—	—	—	–35,969	—	—	—	—	—	—	—
Control Gorge (CA)	—	—	—	17,555	—	—	—	—	—	—	—
Cottonwood (CA)	—	—	—	447	—	—	—	—	—	—	—
Division Creek (CA)	—	—	—	477	—	—	—	—	—	—	—
Foothill (CA)	—	—	—	6,909	—	—	—	—	—	—	—
Franklin Canyon (CA)	—	—	—	1,025	—	—	—	—	—	—	—
Haiwee (CA)	—	—	—	2,590	—	—	—	—	—	—	—
Harbor (CA)	—	—	59,332	—	—	—	—	—	513	—	12
Haynes (CA)	—	—	28,746	—	—	—	—	—	325	—	368
Intermountain (UT)	1,207,978	611	—	—	—	—	495	1	—	872	29
Middle Gorge (CA)	—	—	—	17,702	—	—	—	—	—	—	—
Pleasant Valley (CA)	—	—	—	1,513	—	—	—	—	—	—	—
San Fernando (CA)	—	—	—	4,437	—	—	—	—	—	—	—
San Francisquito 1 (CA)	—	—	—	32,775	—	—	—	—	—	—	—
San Francisquito 2 (CA)	—	—	—	12,157	—	—	—	—	—	—	—
Sawtelle (CA)	—	—	—	235	—	—	—	—	—	—	—
Scattergood (CA)	—	—	45,248	—	—	11,971	—	—	465	—	—
Upper Gorge (CA)	—	—	—	18,242	—	—	—	—	—	—	—
Valley (CA)	—	—	–408	—	—	—	—	—	—	—	12
Louisiana Pwr & Light Co	**—**	**—**	**990,633**	**—**	**733,749**	**—**	**—**	**—**	**10,199**	**—**	**598**
Buras (LA)	—	—	—	—	—	—	—	—	—	—	2
Litle Gypsy (LA)	—	—	253,165	—	—	—	—	—	2,748	—	74
Monroe (LA)	—	—	—	—	—	—	—	—	—	—	—
Nine Mile Point (LA)	—	—	601,107	—	—	—	—	—	5,861	—	225
Sterlington (LA)	—	—	33,910	—	—	—	—	—	358	—	15
Thibodaux (LA)	—	—	—	—	—	—	—	—	—	—	—
Waterford (LA)	—	—	—	—	733,749	—	—	—	—	—	—
Waterford (LA)	—	—	102,451	—	—	—	—	—	1,231	—	281
Louisville Gas & Elec Co	**983,968**	**3,459**	**7,899**	**34,891**	**—**	**—**	**446**	**6**	**82**	**1,115**	**19**
Cane Run (KY)	297,097	—	3,025	—	—	—	137	—	31	84	2
Mill Creek (KY)	465,079	2,339	4,846	—	—	—	217	4	51	673	13
Ohio Falls (KY)	—	—	—	34,891	—	—	—	—	—	—	—
Paddys Run (KY)	—	—	28	—	—	—	—	—	*	—	—
Trimble County (KY)	221,792	1,120	—	—	—	—	92	2	—	358	4

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Louisville Gas & Elec Co											
Waterside (KY)	—	—	—	—	—	—	—	—	—	—	—
Zorn (KY)	—	—	—	—	—	—	—	—	—	—	—
Lower Colorado River Auth	**637,227**	**1,079**	**271,717**	**18,820**	**—**	**—**	**386**	**2**	**2,814**	**543**	**201**
Austin (TX)	—	—	—	3,632	—	—	—	—	—	—	—
Buchanan (TX)	—	—	—	546	—	—	—	—	—	—	—
Granite Shoals (TX)	—	—	—	2,431	—	—	—	—	—	—	—
Inks (TX)	—	—	—	308	—	—	—	—	—	—	—
Mansfield (TX)	—	—	—	10,321	—	—	—	—	—	—	—
Marble Falls (TX)	—	—	—	1,582	—	—	—	—	—	—	—
Sam K Seymour,jr (TX)	637,227	1,079	—	—	—	—	386	2	—	543	19
Sim Gideon (TX)	—	—	151,913	—	—	—	—	—	1,568	—	103
T. C. Ferguson (TX)	—	—	119,804	—	—	—	—	—	1,247	—	79
Lubbock (City of)	**—**	**—**	**29,356**	**—**	**—**	**—**	**—**	**—**	**302**	**—**	**—**
Holly Ave (TX)	—	—	17,257	—	—	—	—	—	169	—	—
LP&L Co GEN	—	—	12,099	—	—	—	—	—	133	—	—
Plant 2 (TX)	—	—	—	—	—	—	—	—	—	—	—
Madison Gas & Elec Co	**24,797**	**—**	**7,071**	**—**	**—**	**46**	**15**	**—**	**111**	**18**	**7**
Blount Street (WI)	24,797	—	6,737	—	—	46	15	—	105	18	2
Fitchburg (WI)	—	—	254	—	—	—	—	—	4	—	2
Nine Springs (WI)	—	—	–13	—	—	—	—	—	*	—	*
Sycamore (WI)	—	—	93	—	—	—	—	—	2	—	2
Maine Public Service Co	**—**	**–119**	**—**	**622**	**—**	**—**	**—**	*****	**—**	**—**	**1**
Caribou (ME)	—	–87	—	631	—	—	—	*	—	—	1
Flos Inn (ME)	—	–32	—	—	—	—	—	—	—	—	*
Squa Pan (ME)	—	—	—	–9	—	—	—	—	—	—	—
Maine Yankee Atomic Pwr C	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Maine Yankee (ME)	—	—	—	—	—	—	—	—	—	—	—
Manitowoc (City of)	**10,191**	**9,349**	**73**	**—**	**—**	**—**	**5**	*****	**1**	**45**	**1**
Manitowoc (WI)	10,191	9,349	73	—	—	—	5	*	1	45	1
Marquette (City of)	**22,588**	**802**	**—**	**708**	**—**	**—**	**15**	**2**	**—**	**85**	**4**
Plant Four (MI)	—	764	—	—	—	—	—	2	—	—	3
Plant Two (MI)	—	—	—	553	—	—	—	—	—	—	—
Russell, Frank J (MI)	—	—	—	155	—	—	—	—	—	—	—
Shiras (MI)	22,588	38	—	—	—	—	15	*	—	85	1
Marshall (City of)	**569**	**—**	**–39**	**—**	**—**	**—**	**1**	**—**	**1**	**1**	**4**
Marshall (MO)	569	—	–39	—	—	—	1	—	1	1	4
Mass Mun Wholesale Elec	**—**	**29,826**	**58,550**	**—**	**—**	**—**	**—**	**46**	**525**	**—**	**277**
Stonybrook (MA)	—	29,826	58,550	—	—	—	—	46	525	—	277
Maui Electric Co Ltd	**—**	**84,420**	**—**	**—**	**—**	**—**	**—**	**147**	**—**	**—**	**162**
Cook (HI)	—	3,250	—	—	—	—	—	5	—	—	7
Kahului (HI)	—	16,584	—	—	—	—	—	38	—	—	51
Lanai City (HI)	—	—	—	—	—	—	—	—	—	—	—
Maalaea (HI)	—	62,232	—	—	—	—	—	100	—	—	99
Miki Basin (HI)	—	2,354	—	—	—	—	—	4	—	—	5
Mcpherson (City of)	**—**	**1**	**47**	**—**	**—**	**—**	**—**	*****	**1**	**—**	**22**
McPherson 3 (KS)	—	—	29	—	—	—	—	—	1	—	6
Plant No. 2 (KS)	—	1	18	—	—	—	—	*	*	—	16
Medina Electric Coop Inc	**—**	**—**	**1,674**	**—**	**—**	**—**	**—**	**—**	**25**	**—**	**18**
Pearsall (TX)	—	—	1,674	—	—	—	—	—	25	—	18
Merced Irrigation Dist	**—**	**—**	**—**	**9,081**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Canal Creek (CA)	—	—	—	—	—	—	—	—	—	—	—
Exchequer (CA)	—	—	—	9,000	—	—	—	—	—	—	—
Fairfield (CA)	—	—	—	—	—	—	—	—	—	—	—
Mcswain (CA)	—	—	—	81	—	—	—	—	—	—	—
Parker (CA)	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Metropolitan Edison Co	**285,709**	**3,721**	**2,160**	**6,377**	**—**	**—**	**121**	**8**	**27**	**186**	**92**
Hamilton (PA)	—	214	—	—	—	—	—	*	—	—	5
Hunterstown (PA)	—	—	458	—	—	—	—	—	7	—	8
Mountain (PA)	—	577	195	—	—	—	—	1	3	—	6
Orrtanna (PA)	—	367	—	—	—	—	—	1	—	—	4
Portland (PA)	185,708	1,960	1,444	—	—	—	80	4	16	128	52
Shawnee (PA)	—	—	—	—	—	—	—	*	—	—	5
Titus (PA)	100,001	309	63	—	—	—	41	1	1	59	5
Tolna (PA)	—	294	—	—	—	—	—	1	—	—	6
Yorkhaven (PA)	—	—	—	6,377	—	—	—	—	—	—	—
Michigan So Cent Pwr Agen	**16,096**	**3,843**	**—**	**—**	**—**	**—**	**9**	*****	**—**	**26**	**7**
Endicott (MI)	16,096	3,843	—	—	—	—	9	*	—	26	7
MidAmerican Energy	**1,693,586**	**1,641**	**3,766**	**1,392**	**—**	**—**	**1,051**	**3**	**50**	**1,901**	**63**
Coralville (IA)	—	—	–58	—	—	—	—	—	*	—	—
Council Bluffs (IA)	469,503	762	223	—	—	—	301	1	2	384	7
Electrifarm (IA)	—	—	–55	—	—	—	—	*	3	—	10
George Neal South (IA)	354,216	1,063	—	—	—	—	216	2	—	407	4
Louisa (IA)	294,633	1	2,036	—	—	—	187	*	21	467	2
Moline (IL)	—	–36	–37	1,392	—	—	—	—	—	—	—
Neal, George (IA)	531,326	—	1,139	—	—	—	320	—	12	523	—
Parr (IA)	—	–37	—	—	—	—	—	—	—	—	2
Pleasant Hill (IA)	—	–112	—	—	—	—	—	*	—	—	26
River Hills (IA)	—	—	–107	—	—	—	—	—	*	—	4
Riverside (IA)	43,908	—	436	—	—	—	27	—	5	119	—
Sycamore (IA)	—	—	189	—	—	—	—	—	7	—	8
Minden (City of)	**—**	**2**	**43**	**—**	**—**	**—**	**—**	*****	**1**	**—**	*****
Minden (LA)	—	2	43	—	—	—	—	*	1	—	*
Minnesota Power Inc	**666,749**	**415**	**—**	**65,715**	**—**	**—**	**398**	**1**	**—**	**437**	**7**
Blanchard (MN)	—	—	—	9,841	—	—	—	—	—	—	—
Boswell (MN)	617,644	363	—	—	—	—	364	1	—	314	7
Fond Du Lac (MN)	—	—	—	6,170	—	—	—	—	—	—	—
Hibbard, M L (MN)	—	—	—	—	—	—	—	—	—	—	—
Knife Falls (MN)	—	—	—	1,056	—	—	—	—	—	—	—
Laskin (MN)	49,105	52	—	—	—	—	33	*	—	123	*
Little Falls (MN)	—	—	—	2,803	—	—	—	—	—	—	—
Pillager (MN)	—	—	—	1,000	—	—	—	—	—	—	—
Prairie River (MN)	—	—	—	377	—	—	—	—	—	—	—
Scanlon (MN)	—	—	—	882	—	—	—	—	—	—	—
Sylvan (MN)	—	—	—	1,110	—	—	—	—	—	—	—
Thompson (MN)	—	—	—	39,784	—	—	—	—	—	—	—
Winton (MN)	—	—	—	2,692	—	—	—	—	—	—	—
Minnkota Power Coop Inc	**463,868**	**1,669**	**—**	**—**	**—**	**—**	**404**	**3**	**—**	**394**	**20**
Grand Forks (ND)	—	—	—	—	—	—	—	—	—	—	—
Harwood (ND)	—	—	—	—	—	—	—	—	—	—	—
Young, Milton R (ND)	463,868	1,669	—	—	—	—	404	3	—	394	20
Minnkota Power Coop Inc	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Hawley (MN)	—	—	—	—	—	—	—	—	—	—	—
Mississippi Power Co	**640,192**	**2,263**	**126,522**	**—**	**—**	**—**	**276**	**3**	**2,865**	**584**	**42**
Daniel, Victor J Jr. (MS)	219,525	1,877	—	—	—	—	79	2	—	469	4
Eaton (MS)	—	—	–100	—	—	—	—	—	—	—	—
Standard Oil (MS)	—	—	92,494	—	—	—	—	—	2,312	—	—
Sweatt (MS)	—	—	2,797	—	—	—	—	—	38	—	3
Watson (MS)	420,667	386	31,331	—	—	—	197	1	515	114	35
Mississippi Pwr & Lgt Co	**—**	**459,313**	**53,124**	**—**	**—**	**—**	**—**	**703**	**524**	**—**	**1,604**
Andrus (MS)	—	243,141	—	—	—	—	—	365	—	—	895
Brown, Rex (MS)	—	8	1,172	—	—	—	—	*	24	—	1
Delta (MS)	—	—	4,041	—	—	—	—	—	57	—	34
Natchez (MS)	—	—	—	—	—	—	—	—	—	—	—
Wilson, B (MS)	—	216,164	47,911	—	—	—	—	338	443	—	674
Missouri Basin Mun Pwr Agency	**—**	**9**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	**7**
Watertown (SD)	—	9	—	—	—	—	—	*	—	—	7

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Modesto Irrigation Dist	**—**	**233**	**8,055**	**862**	**—**	**—**	**—**	**1**	**75**	**—**	**13**
McClure (CA)	—	233	25	—	—	—	—	1	1	—	12
New Hogan (CA)	—	—	—	865	—	—	—	—	—	—	—
Stone Drop (CA)	—	—	—	–3	—	—	—	—	—	—	—
Woodland (CA)	—	—	8,030	—	—	—	—	—	74	—	1
Monongahela Power Co	**2,967,430**	**269**	**2,458**	**—**	**—**	**—**	**1,183**	*****	**25**	**1,281**	**6**
Albright (WV)	31,844	208	—	—	—	—	14	*	—	105	*
Fort Martin (WV)	673,616	54	—	—	—	—	256	*	—	326	5
Harrison (WV)	1,371,747	—	1,602	—	—	—	541	—	16	356	*
Pleasants (WV)	808,810	7	752	—	—	—	339	*	8	383	*
Rivesville (WV)	–545	—	—	—	—	—	—	—	—	30	*
Willow Island (WV)	81,958	—	104	—	—	—	34	—	1	80	*
Montana Dakota Utils Co	**337,512**	**139**	**146**	**—**	**—**	**—**	**291**	*****	**3**	**197**	**6**
Coyote (ND)	264,565	139	—	—	—	—	222	*	—	145	4
Glendive (MT)	—	—	–15	—	—	—	—	—	—	—	1
Heskett (ND)	46,263	—	—	—	—	—	43	—	—	41	—
Lewis & Clark (MT)	26,684	—	82	—	—	—	26	—	1	11	—
Miles City (MT)	—	—	89	—	—	—	—	—	2	—	1
Williston (ND)	—	—	–10	—	—	—	—	—	—	—	—
Montana Power Co (The)	**1,547,147**	**782**	**3,190**	**290,738**	**—**	**—**	**1,011**	**1**	**33**	**323**	**12**
Black Eagle (MT)	—	—	—	12,540	—	—	—	—	—	—	—
Cochrane (MT)	—	—	—	24,249	—	—	—	—	—	—	—
Colstrip (MT)	1,464,425	782	—	—	—	—	955	1	—	283	11
Corette, J E (MT)	82,722	—	3,190	—	—	—	57	—	33	40	—
Frank Bird (MT)	—	—	—	—	—	—	—	—	—	—	—
Hauser Lake (MT)	—	—	—	10,281	—	—	—	—	—	—	—
Holter (MT)	—	—	—	28,530	—	—	—	—	—	—	—
Kerr (MT)	—	—	—	79,278	—	—	—	—	—	—	—
Lake Diesel (MT)	—	—	—	—	—	—	—	—	—	—	—
Madison (MT)	—	—	—	5,743	—	—	—	—	—	—	—
Milltown (MT)	—	—	—	1,322	—	—	—	—	—	—	—
Morony (MT)	—	—	—	26,546	—	—	—	—	—	—	—
Mystic Lake (MT)	—	—	—	2,395	—	—	—	—	—	—	—
Rainbow (MT)	—	—	—	22,999	—	—	—	—	—	—	—
Ryan (MT)	—	—	—	40,086	—	—	—	—	—	—	—
Thompson Falls (MT)	—	—	—	36,769	—	—	—	—	—	—	—
Yellowstone (MT)	—	—	—	—	—	—	—	—	—	—	1
Montaup Electric Company	**57,203**	**3,681**	**—**	**—**	**—**	**—**	**21**	**6**	**—**	**74**	**147**
Somerset (MA)	57,203	3,681	—	—	—	—	21	6	—	74	147
Moorhead (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**3**	**1**
Moorhead (MN)	—	—	—	—	—	—	—	—	—	3	1
Morgan (City of)	**—**	**—**	**4,015**	**—**	**—**	**—**	**—**	**—**	**56**	**—**	**—**
Morgan City (LA)	—	—	4,015	—	—	—	—	—	56	—	—
Muscatine (City of)	**94,700**	**1**	**—**	**—**	**—**	**—**	**63**	*****	**—**	**224**	**2**
Muscatine (IA)	94,700	1	—	—	—	—	63	*	—	224	2
N Y State Elec & Gas Corp	**824,014**	**1,337**	**—**	**22,022**	**—**	**—**	**330**	**2**	**—**	**368**	**8**
Cadyville (NY)	—	—	—	2,080	—	—	—	—	—	—	—
Goudey (NY)	76,356	51	—	—	—	—	30	*	—	66	1
Greenidge (NY)	93,801	114	—	—	—	—	38	*	—	49	1
Harris Lake (NY)	—	–2	—	—	—	—	—	*	—	—	*
Hickling (NY)	33,802	—	—	—	—	—	22	—	—	31	—
High Falls (NY)	—	—	—	7,527	—	—	—	—	—	—	—
Jennison (NY)	–360	—	—	—	—	—	—	—	—	29	—
Kents Falls (NY)	—	—	—	3,923	—	—	—	—	—	—	—
Keuka (NY)	—	—	—	—	—	—	—	—	—	—	—
Mechanicvle (NY)	—	—	—	4,977	—	—	—	—	—	—	—
Mill C (NY)	—	—	—	1,939	—	—	—	—	—	—	—
Milliken (NY)	192,793	194	—	—	—	—	77	*	—	85	2
Rainbow Falls (NY)	—	—	—	1,576	—	—	—	—	—	—	—
Seneca Falls (NY)	—	—	—	—	—	—	—	—	—	—	—
Somerset (NY)	427,622	980	—	—	—	—	163	2	—	109	4
Waterloo (NY)	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Nantucket Elec Co	**—**	**244**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	**6**
Nantucket (MA)	—	244	—	—	—	—	—	*	—	—	6
Natchitoches (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Natchitoches (LA)	—	—	—	—	—	—	—	—	—	—	—
Nebraska City (City of)	**—**	**–6**	**–115**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Nebraska City (NE)	—	–5	–89	—	—	—	—	—	—	—	—
Syracuse No 2 (NE)	—	–1	–26	—	—	—	—	—	—	—	—
Nebraska Pub Power Dist	**947,660**	**86**	**5,666**	**22,870**	**191,830**	**88**	**583**	*****	**63**	**1,217**	**108**
Canaday (NE)	—	—	4,363	—	—	—	—	—	49	—	78
Columbus (NE)	—	—	—	9,337	—	—	—	—	—	—	—
Cooper (NE)	—	—	—	—	191,830	—	—	—	—	—	—
David City (NE)	—	25	13	—	—	—	—	*	*	—	*
Gentleman (NE)	816,537	—	1,161	—	—	—	499	—	12	1,020	6
Hallam (NE)	—	32	—	—	—	—	—	*	—	—	2
Hebron (NE)	—	—	—	—	—	—	—	—	—	—	9
Kearney (NE)	—	—	—	—	—	—	—	—	—	—	—
Lodgepole (NE)	—	—	—	—	—	—	—	—	—	—	*
Lyons (NE)	—	3	—	—	—	—	—	*	—	—	*
Madison (NE)	—	4	5	—	—	—	—	*	*	—	*
Mc Cook (NE)	—	—	—	—	—	—	—	—	—	—	10
Minnechaduza (NE)	—	—	—	—	—	—	—	—	—	—	—
Mobile (NE)	—	—	—	—	—	—	—	—	—	—	—
Monroe (NE)	—	—	—	2,316	—	—	—	—	—	—	—
North Platte (NE)	—	—	—	10,236	—	—	—	—	—	—	—
Ord (NE)	—	15	5	—	—	—	—	*	*	—	*
Sheldon (NE)	131,123	—	113	—	—	88	84	—	1	198	—
Spencer (NE)	—	—	—	981	—	—	—	—	—	—	—
Sutherland (NE)	—	4	—	—	—	—	—	*	—	—	*
Wakefield (NE)	—	3	6	—	—	—	—	*	*	—	*
Nevada Irrigation Dist	**—**	**—**	**—**	**43,473**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Bowman (CA)	—	—	—	5	—	—	—	—	—	—	—
Chicago Park (CA)	—	—	—	19,278	—	—	—	—	—	—	—
Combie No (CA)	—	—	—	921	—	—	—	—	—	—	—
Combie So (CA)	—	—	—	—	—	—	—	—	—	—	—
Dutch Flat No.2 (CA)	—	—	—	13,216	—	—	—	—	—	—	—
Rollins (CA)	—	—	—	8,755	—	—	—	—	—	—	—
Scott Flat (CA)	—	—	—	1,298	—	—	—	—	—	—	—
Nevada Power Co	**391,318**	**1,064**	**247,529**	**—**	**—**	**—**	**168**	**2**	**2,109**	**183**	**47**
Clark (NV)	—	—	240,968	—	—	—	—	—	2,027	—	8
Gardner, Reid (NV)	391,318	1,064	—	—	—	—	168	2	—	183	12
Sun Peak (NV)	—	—	6,561	—	—	—	—	—	83	—	—
Sunrise (NV)	—	—	—	—	—	—	—	—	—	—	27
New England Power Co	**—**	**385**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	**1**
Bear Swamp (MA)	—	—	—	—	—	—	—	—	—	—	—
Bellows Falls (VT)	—	—	—	—	—	—	—	—	—	—	—
Brayton Point (MA)	—	—	—	—	—	—	—	—	—	—	—
Comerford (NH)	—	—	—	—	—	—	—	—	—	—	—
Deerfield No. 2 (MA)	—	—	—	—	—	—	—	—	—	—	—
Deerfield No. 3 (MA)	—	—	—	—	—	—	—	—	—	—	—
Deerfield No. 4 (MA)	—	—	—	—	—	—	—	—	—	—	—
Deerfield No. 5 (MA)	—	—	—	—	—	—	—	—	—	—	—
Fife Brook (MA)	—	—	—	—	—	—	—	—	—	—	—
Gloucester (MA)	—	353	—	—	—	—	—	*	—	—	1
Harriman (VT)	—	—	—	—	—	—	—	—	—	—	—
Manchester Street (RI)	—	—	—	—	—	—	—	—	—	—	—
Mcindoes (NH)	—	—	—	—	—	—	—	—	—	—	—
Moore (NH)	—	—	—	—	—	—	—	—	—	—	—
Newburyport (MA)	—	32	—	—	—	—	—	*	—	—	*
Salem Harbor (MA)	—	—	—	—	—	—	—	—	—	—	—
Searsburg (VT)	—	—	—	—	—	—	—	—	—	—	—
Sherman (MA)	—	—	—	—	—	—	—	—	—	—	—
Vernon (NH)	—	—	—	—	—	—	—	—	—	—	—
Vernon (VT)	—	—	—	—	—	—	—	—	—	—	—
Wilder (NH)	—	—	—	—	—	—	—	—	—	—	—
Wilder (VT)	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
New Orleans Pub Serv Inc	**—**	**60,348**	**188,297**	**—**	**—**	**—**	**—**	**83**	**2,020**	**—**	**205**
Michoud (LA)	—	60,348	188,297	—	—	—	—	83	2,020	—	203
Paterson, A B (LA)	—	—	—	—	—	—	—	—	—	—	2
New Ulm (City of)	**—**	**223**	**1,684**	**—**	**—**	**—**	**—**	**1**	**49**	**3**	**5**
New Ulm (MN)	—	223	1,684	—	—	—	—	1	49	3	5
Niagara Mohawk Power Corp	**746,734**	**81,248**	**67,533**	**173,156**	**1,253,949**	**—**	**289**	**151**	**838**	**405**	**1,866**
Albany (NY)	—	38,019	64,726	—	—	—	—	58	801	—	471
Allens Falls (NY)	—	—	—	2,306	—	—	—	—	—	—	—
Baldwinsville (NY)	—	—	—	93	—	—	—	—	—	—	—
Beardslee (NY)	—	—	—	3,408	—	—	—	—	—	—	—
Beebee Island (NY)	—	—	—	3,831	—	—	—	—	—	—	—
Belfort (NY)	—	—	—	640	—	—	—	—	—	—	—
Bennetts Bridge (NY)	—	—	—	4,243	—	—	—	—	—	—	—
Black River (NY)	—	—	—	3,215	—	—	—	—	—	—	—
Blake (NY)	—	—	—	3,310	—	—	—	—	—	—	—
Browns Falls (NY)	—	—	—	4,485	—	—	—	—	—	—	—
Chasm (NY)	—	—	—	1,802	—	—	—	—	—	—	—
Colton (NY)	—	—	—	13,103	—	—	—	—	—	—	—
Deferiet (NY)	—	—	—	4,726	—	—	—	—	—	—	—
Dunkirk (NY)	343,360	466	—	—	—	—	129	1	—	180	1
Eagle (NY)	—	—	—	1,870	—	—	—	—	—	—	—
East Norfolk (NY)	—	—	—	1,771	—	—	—	—	—	—	—
Eel Weir (NY)	—	—	—	941	—	—	—	—	—	—	—
Effley (NY)	—	—	—	814	—	—	—	—	—	—	—
Elmer (NY)	—	—	—	560	—	—	—	—	—	—	—
Ephratah (NY)	—	—	—	806	—	—	—	—	—	—	—
Feeder Dam (NY)	—	—	—	1,540	—	—	—	—	—	—	—
Five Falls (NY)	—	—	—	5,277	—	—	—	—	—	—	—
Flat Rock (NY)	—	—	—	1,196	—	—	—	—	—	—	—
Franklin (NY)	—	—	—	715	—	—	—	—	—	—	—
Fulton (NY)	—	—	—	–3	—	—	—	—	—	—	—
Glenwood (NY)	—	—	—	19	—	—	—	—	—	—	—
Granby (NY)	—	—	—	4,291	—	—	—	—	—	—	—
Green Island (NY)	—	—	—	2,772	—	—	—	—	—	—	—
Hannawa (NY)	—	—	—	3,881	—	—	—	—	—	—	—
Herrings (NY)	—	—	—	2,097	—	—	—	—	—	—	—
Heuvelton (NY)	—	—	—	641	—	—	—	—	—	—	—
High Dam (NY)	—	—	—	3,576	—	—	—	—	—	—	—
High Falls (NY)	—	—	—	1,766	—	—	—	—	—	—	—
Higley (NY)	—	—	—	1,987	—	—	—	—	—	—	—
Hogansburg (NY)	—	—	—	189	—	—	—	—	—	—	—
Huntley, C R (NY)	403,374	211	—	—	—	—	160	*	—	225	3
Hydraulic Race (NY)	—	—	—	—	—	—	—	—	—	—	—
Inghams (NY)	—	—	—	2,143	—	—	—	—	—	—	—
Johnsonville (NY)	—	—	—	359	—	—	—	—	—	—	—
Kamargo (NY)	—	—	—	2,295	—	—	—	—	—	—	—
Lighthouse Hill (NY)	—	—	—	911	—	—	—	—	—	—	—
Macomb (NY)	—	—	—	603	—	—	—	—	—	—	—
Mechanicville (NY)	—	—	—	–21	—	—	—	—	—	—	—
Minetto (NY)	—	—	—	3,141	—	—	—	—	—	—	—
Moshier (NY)	—	—	—	2,246	—	—	—	—	—	—	—
Nine Mile Point (NY)	—	11	—	—	1,253,949	—	—	*	—	—	1
Norfolk (NY)	—	—	—	1,642	—	—	—	—	—	—	—
Norwood (NY)	—	—	—	1,040	—	—	—	—	—	—	—
Oak Orchard (NY)	—	—	—	—	—	—	—	—	—	—	—
Oswegatchie (NY)	—	—	—	—	—	—	—	—	—	—	—
Oswego (NY)	—	42,541	2,807	—	—	—	—	92	37	—	1,390
Oswego Falls Es (NY)	—	—	—	1,738	—	—	—	—	—	—	—
Oswego Falls Ws (NY)	—	—	—	1,742	—	—	—	—	—	—	—
Parishville (NY)	—	—	—	1,482	—	—	—	—	—	—	—
Piercefield (NY)	—	—	—	860	—	—	—	—	—	—	—
Prospect (NY)	—	—	—	2,473	—	—	—	—	—	—	—
Rainbow (NY)	—	—	—	5,360	—	—	—	—	—	—	—
Raymondville (NY)	—	—	—	926	—	—	—	—	—	—	—
Schaghticoke (NY)	—	—	—	–2	—	—	—	—	—	—	—
School Street (NY)	—	—	—	9,757	—	—	—	—	—	—	—
Schuylerville (NY)	—	—	—	–15	—	—	—	—	—	—	—
Sewalls (NY)	—	—	—	1,315	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Niagara Mohawk Power Corp											
Sherman Island (NY)	—	—	—	5,331	—	—	—	—	—	—	—
So Glens Falls (NY)	—	—	—	—	—	—	—	—	—	—	—
Soft Maple (NY)	—	—	—	1,879	—	—	—	—	—	—	—
South Colton (NY)	—	—	—	4,467	—	—	—	—	—	—	—
South Edwards (NY)	—	—	—	1,513	—	—	—	—	—	—	—
Spier Falls (NY)	—	—	—	11,830	—	—	—	—	—	—	—
Stark (NY)	—	—	—	4,943	—	—	—	—	—	—	—
Stewarts Bridge (NY)	—	—	—	6,274	—	—	—	—	—	—	—
Stuyvesant Falls (NY)	—	—	—	—	—	—	—	—	—	—	—
Sugar Island (NY)	—	—	—	2,780	—	—	—	—	—	—	—
Talcville (NY)	—	—	—	218	—	—	—	—	—	—	—
Taylorville (NY)	—	—	—	1,107	—	—	—	—	—	—	—
Trenton (NY)	—	—	—	5,719	—	—	—	—	—	—	—
Varick (NY)	—	—	—	2,382	—	—	—	—	—	—	—
Waterport (NY)	—	—	—	–2	—	—	—	—	—	—	—
West, E J (NY)	—	—	—	2,572	—	—	—	—	—	—	—
Yaleville (NY)	—	—	—	280	—	—	—	—	—	—	—
North Atlantic Energy Corp	**—**	**—**	**—**	**—**	**786,068**	**—**	**—**	**—**	**—**	**—**	**—**
Seabrook (NH)	—	—	—	—	786,068	—	—	—	—	—	—
North Little Rk (City of)	**—**	**—**	**—**	**22,478**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Murray (AR)	—	—	—	22,478	—	—	—	—	—	—	—
Northeast Nucl Energy Co	**—**	**—**	**—**	**—**	**269,141**	**—**	**—**	**—**	**—**	**—**	**—**
Millstone (CT)	—	—	—	—	269,141	—	—	—	—	—	—
Northern Ind Pub Serv Co	**1,314,605**	**27,475**	**6,753**	**2,870**	**—**	**—**	**706**	**—**	**78**	**1,135**	**—**
Bailly (IN)	269,696	—	387	—	—	—	131	—	4	162	—
Michigan City (IN)	162,515	—	284	—	—	—	93	—	3	211	—
Mitchell, Dean H (IN)	157,244	—	2,849	—	—	—	99	—	33	165	—
Norway (IN)	—	—	—	1,152	—	—	—	—	—	—	—
Oakdale (IN)	—	—	—	1,718	—	—	—	—	—	—	—
Schahfer, R. M. (IN)	725,150	27,475	3,233	—	—	—	384	—	37	598	—
Northern States Power Co	**1,871,377**	**66,698**	**16,166**	**41,864**	**842,467**	**47,183**	**1,109**	**9**	**243**	**1,574**	**287**
Angus Anson (SD)	—	—	8,686	—	—	—	—	—	120	—	29
Apple River (WI)	—	—	—	1,330	—	—	—	—	—	—	—
Bay Front (WI)	11,313	—	4,040	—	—	15,311	8	—	62	30	—
Big Falls (WI)	—	—	—	1,553	—	—	—	—	—	—	—
Black Dog (MN)	130,602	—	298	—	—	—	83	—	3	97	*
Blue Lake (MN)	—	–209	—	—	—	—	—	2	—	—	61
Cedar Falls (WI)	—	—	—	2,081	—	—	—	—	—	—	—
Chippewa Falls (WI)	—	—	—	2,350	—	—	—	—	—	—	—
Cornell (WI)	—	—	—	2,632	—	—	—	—	—	—	—
Dells (WI)	—	—	—	1,723	—	—	—	—	—	—	—
Flambeau (WI)	—	—	1,759	—	—	—	—	—	32	—	7
French Island (WI)	—	343	9	—	—	6,494	—	2	*	—	38
Granite City (MN)	—	—	–108	—	—	—	—	—	1	—	1
Hayward (WI)	—	—	—	131	—	—	—	—	—	—	—
Hennepin Island (MN)	—	—	—	7,256	—	—	—	—	—	—	—
High Bridge (MN)	152,912	—	1,178	—	—	—	93	—	12	62	3
Holcombe (WI)	—	—	—	2,863	—	—	—	—	—	—	—
Inver Hills (MN)	—	–263	—	—	—	—	—	—	—	—	54
Jim Falls (WI)	—	—	—	3,721	—	—	—	—	—	—	—
Key City (MN)	—	—	46	—	—	—	—	—	4	—	3
King (MN)	257,724	44,490	106	—	—	—	142	—	1	124	—
Ladysmith (WI)	—	—	—	357	—	—	—	—	—	—	—
Menomonie (WI)	—	—	—	1,575	—	—	—	—	—	—	—
Minnesota Valley (MN)	—	—	–44	—	—	—	—	—	—	—	*
Monticello (MN)	—	—	—	—	440,913	—	—	—	—	—	—
Pathfinder (SD)	—	—	–161	—	—	—	—	—	—	—	—
Prairie Island (MN)	—	—	—	—	401,554	—	—	—	—	—	—
Redwing (MN)	—	—	105	—	—	12,107	—	—	2	—	—
Riverdale (WI)	—	—	—	268	—	—	—	—	—	—	—
Riverside (MN)	228,979	19,977	19	—	—	—	142	*	*	120	*
Saxon Falls (MI)	—	—	—	675	—	—	—	—	—	—	—
Sherburne County (MN)	1,089,847	1,887	—	—	—	—	641	3	—	1,141	4
St Croix Falls (WI)	—	—	—	7,867	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Northern States Power Co											
Superior Falls (MI)	—	—	—	729	—	—	—	—	—	—	—
Thornapple (WI)	—	—	—	422	—	—	—	—	—	—	—
Trego (WI)	—	—	—	477	—	—	—	—	—	—	—
West Faribault (MN)	—	—	196	—	—	—	—	—	4	—	—
Wheaton (WI)	—	473	—	—	—	—	—	2	—	—	84
White River (WI)	—	—	—	331	—	—	—	—	—	—	—
Wilmarth (MN)	—	—	37	—	—	13,271	—	—	1	—	—
Wissota (WI)	—	—	—	3,523	—	—	—	—	—	—	—
Northwestern Pub Serv Co	**—**	**56**	**308**	**—**	**—**	**—**	**—**	*****	**7**	**—**	**10**
Aberdeen (SD)	—	–6	—	—	—	—	—	*	—	—	2
Clark (SD)	—	–5	—	—	—	—	—	*	—	—	*
Faulkton (SD)	—	–11	—	—	—	—	—	—	—	—	*
Highmore (SD)	—	–16	—	—	—	—	—	—	—	—	*
Huron (SD)	—	—	308	—	—	—	—	—	6	—	6
Mobile (SD)	—	–5	—	—	—	—	—	—	—	—	*
Redfield (SD)	—	–4	–7	—	—	—	—	*	*	—	*
Webster (SD)	—	–17	—	—	—	—	—	*	—	—	*
Yankton New (SD)	—	120	7	—	—	—	—	*	*	—	1
Oakdale South San Joaquin	**—**	**—**	**—**	**38,053**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Beardsley (CA)	—	—	—	4,554	—	—	—	—	—	—	—
Donnels (CA)	—	—	—	18,431	—	—	—	—	—	—	—
Sand Bar (CA)	—	—	—	6,874	—	—	—	—	—	—	—
Tulloch (CA)	—	—	—	8,194	—	—	—	—	—	—	—
Oglethorpe Power Corp	**—**	**—**	**—**	**–30,202**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Rocky Mountain (GA)	—	—	—	–30,553	—	—	—	—	—	—	—
Tallassee (GA)	—	—	—	351	—	—	—	—	—	—	—
Ohio Edison Co	**1,264,615**	**2,161**	**—**	**—**	**—**	**—**	**523**	**4**	**—**	**878**	**28**
Burger, R E (OH)	114,294	247	—	—	—	—	49	*	—	129	1
Edgewater (OH)	—	—	—	—	—	—	—	—	—	—	4
Gorge Steam (OH)	—	—	—	—	—	—	—	—	—	—	—
Mad River (OH)	—	—	—	—	—	—	—	—	—	—	16
Niles (OH)	63,419	782	—	—	—	—	30	2	—	53	4
Sammis (OH)	1,086,902	1,132	—	—	—	—	444	2	—	696	4
West Lorain (OH)	—	—	—	—	—	—	—	—	—	—	—
Ohio Power Co	**2,711,494**	**8,817**	**—**	**14,482**	**—**	**—**	**1,132**	**15**	**—**	**1,584**	**71**
Gavin, Gen J M (OH)	1,323,285	2,902	—	—	—	—	578	5	—	616	19
Kammer (WV)	278,607	460	—	—	—	—	111	1	—	310	1
Mitchell (WV)	408,711	4,166	—	—	—	—	157	7	—	292	40
Muskingum River (OH)	700,891	1,289	—	—	—	—	285	2	—	366	10
Racine (OH)	—	—	—	14,482	—	—	—	—	—	—	—
Tidd (OH)	—	—	—	—	—	—	—	—	—	—	—
Ohio Valley Elec Corp	**723,419**	**182**	**—**	**—**	**—**	**—**	**276**	*****	**—**	**365**	**3**
Kyger Creek (OH)	723,419	182	—	—	—	—	276	*	—	365	3
Oklahoma Gas & Elec Co	**701,622**	**1,011**	**842,378**	**—**	**—**	**—**	**452**	**3**	**8,492**	**1,802**	**236**
Arbuckle (OK)	—	—	—	—	—	—	—	—	—	—	—
Conoco (OK)	—	—	49,399	—	—	—	—	—	427	—	—
Enid (OK)	—	—	21	—	—	—	—	—	1	—	—
Horseshoe Lake (OK)	—	—	123,047	—	—	—	—	—	1,218	—	41
Muskogee (OK)	444,007	—	—	—	—	—	287	—	—	1,002	—
Mustang (OK)	—	—	—	—	—	—	—	—	—	—	—
Seminole (OK)	—	—	669,911	—	—	—	—	—	6,846	—	165
Sooner (OK)	257,615	1,011	—	—	—	—	165	3	—	800	30
Woodward (OK)	—	—	—	—	—	—	—	—	—	—	—
Oklahoma Mun Power Authority	**—**	**—**	**—**	**16,886**	**—**	**—**	**—**	**—**	**—**	**—**	**1**
Kaw Hydro (OK)	—	—	—	16,886	—	—	—	—	—	—	—
Ponca Steam (OK)	—	—	—	—	—	—	—	—	—	—	—
Ponca Steam (OK)	—	—	—	—	—	—	—	—	—	—	1
Omaha Public Power Dist	**680,773**	**1,078**	**1,401**	**—**	**364,214**	**—**	**420**	**2**	**30**	**678**	**30**
Fort Calhoun (NE)	—	—	—	—	364,214	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Omaha Public Power Dist											
Jones Street (NE)	—	–74	—	—	—	—	—	—	—	—	18
Nebraska City (NE)	388,105	90	—	—	—	—	228	*	—	374	4
North Omaha (NE)	292,668	—	1,071	—	—	—	192	—	20	304	—
Sarpy (NE)	—	1,062	330	—	—	—	—	2	10	—	7
Orange & Rockland Utl Inc	**138,739**	**133,626**	**218,414**	**–399**	**—**	**—**	**58**	**230**	**2,179**	**69**	**467**
Bowline Point (NY)	—	133,533	165,037	—	—	—	—	230	1,715	—	415
Grahamsville (NY)	—	—	—	–14	—	—	—	—	—	—	—
Hillburn (NY)	—	—	162	—	—	—	—	—	4	—	3
Lovett (NY)	138,739	64	49,658	—	—	—	58	*	397	69	46
Mongaup (NY)	—	—	—	12	—	—	—	—	—	—	—
Rio (NY)	—	—	—	–215	—	—	—	—	—	—	—
Shoemaker (NY)	—	29	3,557	—	—	—	—	*	63	—	3
Swinging Bridge 1 (NY)	—	—	—	–89	—	—	—	—	—	—	—
Swinging Bridge 2 (NY)	—	—	—	–93	—	—	—	—	—	—	—
Orlando (City of)	**494,209**	**4,711**	**34,249**	**—**	**—**	**—**	**180**	**8**	**388**	**226**	**352**
Indian River (FL)	—	3,442	34,249	—	—	—	—	6	388	—	348
St Cloud (FL)	—	—	—	—	—	—	—	—	—	—	—
Stanton (FL)	494,209	1,269	—	—	—	—	180	2	—	226	4
Oroville Wyandotte I Dist	**—**	**—**	**—**	**82,768**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Forbestown (CA)	—	—	—	27,214	—	—	—	—	—	—	—
Kelly Ridge (CA)	—	—	—	8,090	—	—	—	—	—	—	—
Sly Creek (CA)	—	—	—	4,595	—	—	—	—	—	—	—
Woodleaf (CA)	—	—	—	42,869	—	—	—	—	—	—	—
Orrville (City of)	**22,790**	**—**	**51**	**—**	**—**	**—**	**14**	**—**	**1**	*****	**—**
Orrville (OH)	22,790	—	51	—	—	—	14	—	1	*	—
Ottawa (City of)	**—**	**1**	**—**	**—**	**—**	**—**	**—**	*****	**1**	**—**	**1**
Ottawa (KS)	—	1	—	—	—	—	—	*	1	—	1
Otter Tail Power Co	**369,245**	**334**	**—**	**2,376**	**—**	**—**	**213**	**1**	**—**	**226**	**27**
Bemidji (MN)	—	—	—	165	—	—	—	—	—	—	—
Big Stone (SD)	309,625	294	—	—	—	—	176	1	—	200	9
Dayton Hollow (MN)	—	—	—	723	—	—	—	—	—	—	—
Hoot Lake (MN)	59,620	40	—	425	—	—	37	*	—	25	*
Jamestown (ND)	—	—	—	—	—	—	—	—	—	—	12
Lake Preston (SD)	—	—	—	—	—	—	—	—	—	—	6
Pisgah (MN)	—	—	—	489	—	—	—	—	—	—	—
Port 148 (MN)	—	—	—	—	—	—	—	—	—	—	—
Taplin Gorge (MN)	—	—	—	365	—	—	—	—	—	—	—
Wright (MN)	—	—	—	209	—	—	—	—	—	—	—
Owatonna (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Owatonna (MN)	—	—	—	—	—	—	—	—	—	—	—
Owensboro (City of)	**243,117**	**267**	**—**	**—**	**—**	**—**	**114**	**1**	**—**	**152**	**1**
Elmer Smith (KY)	243,117	267	—	—	—	—	114	1	—	152	1
Pacific Gas & Electric Co	**—**	**21,102**	**982,619**	**1,305,007**	**1,137,134**	**437,134**	**—**	**47**	**9,929**	**—**	**1,403**
Alta (CA)	—	—	—	156	—	—	—	—	—	—	—
Balch 1 (CA)	—	—	—	9,531	—	—	—	—	—	—	—
Balch 2 (CA)	—	—	—	35,996	—	—	—	—	—	—	—
Belden (CA)	—	—	—	73,465	—	—	—	—	—	—	—
Black, James B (CA)	—	—	—	77,160	—	—	—	—	—	—	—
Bucks Creek (CA)	—	—	—	29,532	—	—	—	—	—	—	—
Butt Valley (CA)	—	—	—	28,223	—	—	—	—	—	—	—
Caribou 1 (CA)	—	—	—	32,102	—	—	—	—	—	—	—
Caribou 2 (CA)	—	—	—	81,915	—	—	—	—	—	—	—
Centerville (CA)	—	—	—	2,973	—	—	—	—	—	—	—
Chili Bar (CA)	—	—	—	1,597	—	—	—	—	—	—	—
Coal Canyon (CA)	—	—	—	456	—	—	—	—	—	—	—
Coleman (CA)	—	—	—	6,348	—	—	—	—	—	—	—
Contra Costa (CA)	—	—	212,565	—	—	—	—	—	2,069	—	459
Cow Creek (CA)	—	—	—	1,396	—	—	—	—	—	—	—
Crane Valley (CA)	—	—	—	140	—	—	—	—	—	—	—
Cresta (CA)	—	—	—	43,966	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Pacific Gas & Electric Co											
De Sabla (CA)	—	—	—	9,552	—	—	—	—	—	—	—
Deer Creek (CA)	—	—	—	1,326	—	—	—	—	—	—	—
Diablo Canyon (CA)	—	—	—	—	1,137,134	—	—	—	—	—	—
Downieville (CA)	—	–5	—	—	—	—	—	—	—	—	*
Drum 1 (CA)	—	—	—	14,906	—	—	—	—	—	—	—
Drum 2 (CA)	—	—	—	30,732	—	—	—	—	—	—	—
Dutch Flat (CA)	—	—	—	9,410	—	—	—	—	—	—	—
El Dorado (CA)	—	—	—	—	—	—	—	—	—	—	—
Electra (CA)	—	—	—	41,259	—	—	—	—	—	—	—
Haas (CA)	—	—	—	40,320	—	—	—	—	—	—	—
Halsey (CA)	—	—	—	5,824	—	—	—	—	—	—	—
Hamilton Branch (CA)	—	—	—	2,485	—	—	—	—	—	—	—
Hat Creek 1 (CA)	—	—	—	4,700	—	—	—	—	—	—	—
Hat Creek 2 (CA)	—	—	—	5,652	—	—	—	—	—	—	—
Helms (CA)	—	—	—	6,301	—	—	—	—	—	—	—
Hercules St (CA)	—	—	—	—	—	—	—	—	—	—	—
Humbolt Bay (CA)	—	1,067	19,351	—	—	—	—	3	277	—	17
Hunters Point (CA)	—	4,257	102,403	—	—	—	—	10	1,203	—	6
Inskip (CA)	—	—	—	5,341	—	—	—	—	—	—	—
Kerckhoff (CA)	—	—	—	−25	—	—	—	—	—	—	—
Kerckhoff 2 (CA)	—	—	—	33,891	—	—	—	—	—	—	—
Kern Canyon (CA)	—	—	—	4,902	—	—	—	—	—	—	—
Kilarc (CA)	—	—	—	1,840	—	—	—	—	—	—	—
Kings River (CA)	—	—	—	13,090	—	—	—	—	—	—	—
Lime Saddle (CA)	—	—	—	575	—	—	—	—	—	—	—
Merced Falls (CA)	—	—	—	−10	—	—	—	—	—	—	—
Mobile Turbine (CA)	—	—	—	—	—	—	—	—	—	—	—
Morro Bay (CA)	—	—	—	—	—	—	—	—	—	—	—
Moss Landing (CA)	—	—	—	—	—	—	—	—	—	—	—
Narrows (CA)	—	—	—	505	—	—	—	—	—	—	—
Newcastle (CA)	—	—	—	6,064	—	—	—	—	—	—	—
Oak Flat (CA)	—	—	—	353	—	—	—	—	—	—	—
Oakland (CA)	—	—	—	—	—	—	—	—	—	—	—
Phoenix (CA)	—	—	—	473	—	—	—	—	—	—	—
Pit 1 (CA)	—	—	—	32,107	—	—	—	—	—	—	—
Pit 3 (CA)	—	—	—	48,771	—	—	—	—	—	—	—
Pit 4 (CA)	—	—	—	55,140	—	—	—	—	—	—	—
Pit 5 (CA)	—	—	—	107,336	—	—	—	—	—	—	—
Pit 6 (CA)	—	—	—	44,690	—	—	—	—	—	—	—
Pit 7 (CA)	—	—	—	60,401	—	—	—	—	—	—	—
Pittsburg (CA)	—	—	545,955	—	—	—	—	—	5,351	—	759
Poe (CA)	—	—	—	76,928	—	—	—	—	—	—	—
Potrero (CA)	—	15,783	102,345	—	—	—	—	35	1,029	—	162
Potter Valley (CA)	—	—	—	5,758	—	—	—	—	—	—	—
PVUSA 1 (CA)	—	—	—	—	—	44	—	—	—	—	—
Rock Creek (CA)	—	—	—	73,928	—	—	—	—	—	—	—
Salt Springs (CA)	—	—	—	21,620	—	—	—	—	—	—	—
San Joaquin No. 1a (CA)	—	—	—	76	—	—	—	—	—	—	—
San Joaquin No. 2 (CA)	—	—	—	615	—	—	—	—	—	—	—
San Joaquin 3 (CA)	—	—	—	785	—	—	—	—	—	—	—
South (CA)	—	—	—	5,125	—	—	—	—	—	—	—
Spaulding No. 1 (CA)	—	—	—	3,757	—	—	—	—	—	—	—
Spaulding No. 2 (CA)	—	—	—	337	—	—	—	—	—	—	—
Spaulding No. 3 (CA)	—	—	—	3,468	—	—	—	—	—	—	—
Spring Gap (CA)	—	—	—	3,746	—	—	—	—	—	—	—
Stanislaus (CA)	—	—	—	35,835	—	—	—	—	—	—	—
The Geysers (CA)	—	—	—	—	—	437,090	—	—	—	—	—
Tiger Creek (CA)	—	—	—	30,681	—	—	—	—	—	—	—
Toadtown (CA)	—	—	—	703	—	—	—	—	—	—	—
Tule River (CA)	—	—	—	1,353	—	—	—	—	—	—	—
Volta (CA)	—	—	—	6,225	—	—	—	—	—	—	—
Volta 2 (CA)	—	—	—	725	—	—	—	—	—	—	—
West Point (CA)	—	—	—	8,841	—	—	—	—	—	—	—
Wise (CA)	—	—	—	6,589	—	—	—	—	—	—	—
Wishon, A G (CA)	—	—	—	5,045	—	—	—	—	—	—	—
Pacificorp	**5,202,821**	**3,194**	**35,810**	**697,763**	**—**	**13,796**	**2,869**	**6**	**471**	**2,740**	**38**
American Fork (UT)	—	—	—	—	—	—	—	—	—	—	—
Ashton (ID)	—	—	—	3,185	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Pacificorp											
Beaver Upper (UT)	—	—	—	710	—	—	—	—	—	—	—
Bend (OR)	—	—	—	221	—	—	—	—	—	—	—
Big Fork (MT)	—	—	—	1,327	—	—	—	—	—	—	—
Blundell (UT)	—	—	—	—	—	13,796	—	—	—	—	—
Bridger, Jim (WY)	1,439,252	1,195	—	—	—	—	807	2	—	148	16
Carbon (UT)	96,135	160	—	—	—	—	44	*	—	45	*
Centralia (WA)	937,923	—	—	—	—	—	615	—	—	864	4
Clearwater 1 (OR)	—	—	—	5,800	—	—	—	—	—	—	—
Clearwater 2 (OR)	—	—	—	7,725	—	—	—	—	—	—	—
Cline Falls (OR)	—	—	—	138	—	—	—	—	—	—	—
Condit (WA)	—	—	—	7,924	—	—	—	—	—	—	—
Copco 1 (CA)	—	—	—	18,512	—	—	—	—	—	—	—
Copco 2 (CA)	—	—	—	21,652	—	—	—	—	—	—	—
Cove (ID)	—	—	—	4,606	—	—	—	—	—	—	—
Cutler (UT)	—	—	—	13,153	—	—	—	—	—	—	—
Eagle Point (OR)	—	—	—	–1	—	—	—	—	—	—	—
East Side (OR)	—	—	—	1,366	—	—	—	—	—	—	—
Fall Creek (CA)	—	—	—	1,037	—	—	—	—	—	—	—
Fish Creek (OR)	—	—	—	7,489	—	—	—	—	—	—	—
Ftn Green (UT)	—	—	—	108	—	—	—	—	—	—	—
Gadsby (UT)	—	—	24,368	—	—	—	—	—	279	—	—
Grace (ID)	—	—	—	20,308	—	—	—	—	—	—	—
Granite (UT)	—	—	—	–2	—	—	—	—	—	—	—
Hunter (emery) (UT)	939,764	314	—	—	—	—	365	1	—	758	5
Huntington Canyon (UT)	584,469	582	—	—	—	—	248	1	—	528	6
Hydro No. 1 (UT)	—	—	—	202	—	—	—	—	—	—	—
Hydro No. 2 (UT)	—	—	—	146	—	—	—	—	—	—	—
Hydro No. 3 (UT)	—	—	—	182	—	—	—	—	—	—	—
Iron Gate (CA)	—	—	—	13,906	—	—	—	—	—	—	—
John C Boyle (OR)	—	—	—	67,391	—	—	—	—	—	—	—
Johnston, Dave (WY)	517,739	535	—	—	—	—	364	1	—	179	4
Last Chance (UT)	—	—	—	863	—	—	—	—	—	—	—
Lemolo 1 (OR)	—	—	—	15,067	—	—	—	—	—	—	—
Lemolo 2 (OR)	—	—	—	20,905	—	—	—	—	—	—	—
Little Mountain (UT)	—	—	10,978	—	—	—	—	—	188	—	1
Merwin (WA)	—	—	—	103,425	—	—	—	—	—	—	—
Naches (WA)	—	—	—	2,342	—	—	—	—	—	—	—
Naches Drop (WA)	—	—	—	533	—	—	—	—	—	—	—
Naughton (WY)	450,818	—	464	—	—	—	249	—	5	217	1
Olmstead (UT)	—	—	—	5,448	—	—	—	—	—	—	—
Oneida (ID)	—	—	—	8,073	—	—	—	—	—	—	—
Paris (ID)	—	—	—	143	—	—	—	—	—	—	—
Pioneer (UT)	—	—	—	–12	—	—	—	—	—	—	—
Powerdale (OR)	—	—	—	2,910	—	—	—	—	—	—	—
Prospect 1 (OR)	—	—	—	1,690	—	—	—	—	—	—	—
Prospect 2 (OR)	—	—	—	19,851	—	—	—	—	—	—	—
Prospect 3 (OR)	—	—	—	5,156	—	—	—	—	—	—	—
Prospect 4 (OR)	—	—	—	333	—	—	—	—	—	—	—
Skookumchuck (WA)	—	—	—	—	—	—	—	—	—	—	—
Slide Creek (OR)	—	—	—	10,564	—	—	—	—	—	—	—
Snake Creek (UT)	—	—	—	275	—	—	—	—	—	—	—
Soda (ID)	—	—	—	3,806	—	—	—	—	—	—	—
Soda Springs (OR)	—	—	—	8,013	—	—	—	—	—	—	—
St Anthony (ID)	—	—	—	379	—	—	—	—	—	—	—
Stairs (UT)	—	—	—	372	—	—	—	—	—	—	—
Swift No. 2 (WA)	—	—	—	34,698	—	—	—	—	—	—	—
Swift 1 (WA)	—	—	—	117,062	—	—	—	—	—	—	—
Toketee (OR)	—	—	—	25,463	—	—	—	—	—	—	—
Viva (WY)	—	—	—	89	—	—	—	—	—	—	—
Wallowa Falls (OR)	—	—	—	144	—	—	—	—	—	—	—
Weber (UT)	—	—	—	2,201	—	—	—	—	—	—	—
West Side (OR)	—	—	—	501	—	—	—	—	—	—	—
Wyodak (WY)	236,721	408	—	—	—	—	177	1	—	—	2
Yale (WA)	—	—	—	110,384	—	—	—	—	—	—	—
Painesville (City of)	**12,088**	**—**	**53**	**—**	**—**	**—**	**8**	**—**	**1**	**13**	**—**
Painesville (OH)	12,088	—	53	—	—	—	8	—	1	13	—
Pasadena (City of)	**—**	**—**	**15,264**	**986**	**—**	**—**	**—**	**—**	**207**	**—**	**5**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Pasadena (City of)											
Azusa (CA)	—	—	—	986	—	—	—	—	—	—	—
Broadway (CA)	—	—	15,233	—	—	—	—	—	206	—	5
Glenarm (CA)	—	—	31	—	—	—	—	—	1	—	—
Peabody (City of)	**—**	**—**	**71**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**5**
Waters River (MA)	—	—	71	—	—	—	—	—	1	—	5
Pella (City of)	**3,783**	**—**	**—**	**—**	**—**	**—**	**3**	**—**	**—**	**2**	**—**
Pella (IA)	3,783	—	—	—	—	—	3	—	—	2	—
Pend Oreille Pub Util D #1	**—**	**—**	**—**	**39,326**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Box Canyon (WA)	—	—	—	39,146	—	—	—	—	—	—	—
Calispel Creek (WA)	—	—	—	180	—	—	—	—	—	—	—
Pennsylvania Electric Co	**3,908,416**	**6,488**	**1,509**	**–573**	**—**	**—**	**1,516**	**12**	**14**	**2,104**	**57**
Blossburg (PA)	—	—	–4	—	—	—	—	—	—	—	—
Conemaugh (PA)	1,180,911	49	1,513	—	—	—	439	*	14	742	5
Deep Creek (MD)	—	—	—	129	—	—	—	—	—	—	—
Homer City (PA)	1,127,150	2,981	—	—	—	—	452	5	—	589	7
Keystone (PA)	1,171,096	1,265	—	—	—	—	440	2	—	543	10
Piney (PA)	—	—	—	2,581	—	—	—	—	—	—	—
Seneca (PA)	—	—	—	–3,283	—	—	—	—	—	—	—
Seward (PA)	89,459	274	—	—	—	—	39	*	—	80	1
Shawville (PA)	327,674	1,162	—	—	—	—	138	2	—	114	10
Warren (PA)	12,126	849	—	—	—	—	7	2	—	35	10
Wayne (PA)	—	–92	—	—	—	—	—	—	—	—	15
Pennsylvania Power Co	**1,060,192**	**2,398**	**—**	**—**	**—**	**—**	**451**	**4**	**—**	**1,398**	**12**
Mansfield, Bruce (PA)	931,102	2,281	—	—	—	—	393	4	—	1,375	12
New Castle (PA)	129,090	117	—	—	—	—	58	*	—	22	*
Pennsylvania Pwr & Lgt Co	**1,879,761**	**44,730**	**1,683**	**15,304**	**1,643,007**	**—**	**739**	**26**	**37**	**3,532**	**2,013**
Allentown (PA)	—	—	—	—	—	—	—	—	—	—	5
Brunner Island (PA)	731,787	380	—	—	—	—	274	1	—	487	9
Coal Storage (PA)	—	—	—	—	—	—	—	—	—	1,758	—
Fishbach (PA)	—	—	—	—	—	—	—	—	—	—	2
Harrisburg (PA)	—	—	—	—	—	—	—	—	—	—	4
Harwood (PA)	—	—	—	—	—	—	—	—	—	—	2
Holtwood (PA)	19,753	10,027	—	15,275	—	—	15	*	—	66	*
Jenkins (PA)	—	—	—	—	—	—	—	—	—	—	2
Loch Haven (PA)	—	—	—	—	—	—	—	—	—	—	2
Martins Creek (PA)	76,952	4,926	1,683	—	—	—	33	16	37	74	1,972
Montour (PA)	871,877	1,758	—	—	—	—	321	8	—	415	8
Sunbury (PA)	179,392	27,634	—	—	—	—	97	1	—	732	1
Susquehanna (PA)	—	—	—	—	1,643,007	—	—	—	—	—	—
Wallenpaupack (PA)	—	—	—	29	—	—	—	—	—	—	—
West Shore (PA)	—	5	—	—	—	—	—	*	—	—	2
Williamsport (PA)	—	—	—	—	—	—	—	—	—	—	2
Peru (City of)	**—**	**–12**	**–97**	**3,421**	**—**	**—**	**—**	*****	**—**	**—**	**1**
Peru (IL)	—	–12	–97	3,421	—	—	—	*	—	—	1
Peru Utilities	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**1**	*****
Peru (IN)	—	—	—	—	—	—	—	—	—	1	*
Piqua (City of)	**–71**	**–30**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	**3**
Piqua (OH)	–71	–30	—	—	—	—	—	*	—	—	3
Placer County Wtr Agency	**—**	**—**	**—**	**110,600**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
French Meadows (CA)	—	—	—	—	—	—	—	—	—	—	—
Hell Hole (CA)	—	—	—	246	—	—	—	—	—	—	—
Middle Fork (CA)	—	—	—	62,533	—	—	—	—	—	—	—
Oxbow (CA)	—	—	—	3,326	—	—	—	—	—	—	—
Ralston (CA)	—	—	—	44,495	—	—	—	—	—	—	—
Plains El Gen Trans Coop	**169,802**	**—**	**777**	**—**	**—**	**—**	**95**	**—**	**9**	**51**	**9**
Algodones (NM)	—	—	—	—	—	—	—	—	—	—	—
Escalante (NM)	169,802	—	777	—	—	—	95	—	9	51	9

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Plaquemine (City of)	—	—	—	—	—	—	—	—	—	—	—
Plaquemine (LA)	—	—	—	—	—	—	—	—	—	—	—
Platte River Power Auth	**189,941**	**—**	**—**	**—**	**—**	**—**	**112**	**—**	**—**	**109**	**2**
Rawhide (CO)	189,941	—	—	—	—	—	112	—	—	109	2
Portland General Elec Co	**382,258**	**23,800**	**369,169**	**297,035**	**—**	**—**	**233**	**38**	**3,010**	**196**	**144**
Beaver (OR)	—	23,500	215,470	—	—	—	—	37	1,930	—	121
Bethel (OR)	—	—	—	—	—	—	—	—	—	—	19
Boardman (OR)	382,258	300	—	—	—	—	233	1	—	196	3
Bull Run (OR)	—	—	—	13,676	—	—	—	—	—	—	—
Coyote Springs (OR)	—	—	153,699	—	—	—	—	—	1,080	—	—
Faraday (OR)	—	—	—	25,814	—	—	—	—	—	—	—
North Fork (OR)	—	—	—	30,318	—	—	—	—	—	—	—
Oak Grove (OR)	—	—	—	27,369	—	—	—	—	—	—	—
Pelton (OR)	—	—	—	44,685	—	—	—	—	—	—	—
Pelton Re Regulation (OR)	—	—	—	9,037	—	—	—	—	—	—	—
Portland Hydro Proj 1 (OR)	—	—	—	17,195	—	—	—	—	—	—	—
Portland Hydro Proj 2 (OR)	—	—	—	—	—	—	—	—	—	—	—
River Mill (OR)	—	—	—	15,414	—	—	—	—	—	—	—
Round Butte (OR)	—	—	—	104,158	—	—	—	—	—	—	—
Sullivan (OR)	—	—	—	9,369	—	—	—	—	—	—	—
Potomac Edison Co (The)	**–462**	**—**	**—**	**498**	**—**	**—**	**—**	*****	**—**	**42**	*****
Dam 4 (WV)	—	—	—	141	—	—	—	—	—	—	—
Dam 5 (WV)	—	—	—	113	—	—	—	—	—	—	—
Luray (VA)	—	—	—	70	—	—	—	—	—	—	—
Millville (WV)	—	—	—	57	—	—	—	—	—	—	—
Newport (VA)	—	—	—	105	—	—	—	—	—	—	—
Shenandoah (VA)	—	—	—	12	—	—	—	—	—	—	—
Smith, R P (MD)	–462	—	—	—	—	—	—	*	—	42	*
Warren (VA)	—	—	—	—	—	—	—	—	—	—	—
Potomac Electric Pwr Co	**1,597,693**	**134,120**	**19,041**	**—**	**—**	**—**	**556**	**261**	**198**	**538**	**957**
Benning (DC)	—	–547	—	—	—	—	—	1	—	—	101
Buzzard Point (DC)	—	–269	—	—	—	—	—	—	—	—	19
Chalk Point (MD)	287,067	133,114	19,041	—	—	—	102	255	198	134	532
Dickerson (MD)	320,379	832	—	—	—	—	116	2	—	71	151
Morgantown (MD)	808,860	–68	—	—	—	—	264	*	—	224	152
Potomac River (VA)	181,387	1,058	—	—	—	—	74	2	—	108	1
Power Authy of St of N Y	**—**	**189,238**	**99,753**	**1,841,329**	**706,677**	**—**	**—**	**324**	**779**	**—**	**625**
Ashokan (NY)	—	—	—	1,366	—	—	—	—	—	—	—
Blenheim (NY)	—	—	—	–73,919	—	—	—	—	—	—	—
Crescent (NY)	—	—	—	3,187	—	—	—	—	—	—	—
Fitzpatrick (NY)	—	—	—	—	89,990	—	—	—	—	—	—
Flynn (NY)	—	5,540	98,759	—	—	—	—	8	768	—	73
Hinckley (NY)	—	—	—	954	—	—	—	—	—	—	—
Indian Point (NY)	—	—	—	—	616,687	—	—	—	—	—	—
Kensico (NY)	—	—	—	642	—	—	—	—	—	—	—
Lewiston (NY)	—	—	—	–15,188	—	—	—	—	—	—	—
Moses Niagara (NY)	—	—	—	1,412,696	—	—	—	—	—	—	—
Moses Power Dam (NY)	—	—	—	508,438	—	—	—	—	—	—	—
Poletti (NY)	—	183,698	994	—	—	—	—	317	10	—	552
Vischer Ferry (NY)	—	—	—	3,153	—	—	—	—	—	—	—
Princeton (City of)	**—**	**8**	**43**	**—**	**—**	**—**	**—**	*****	*****	**—**	**1**
Princeton (IL)	—	8	43	—	—	—	—	*	*	—	1
Pub Serv Co of New Hamp	**351,328**	**164,555**	**11**	**27,584**	**—**	**—**	**142**	**271**	*****	**278**	**415**
Amoskeag (NH)	—	—	—	6,740	—	—	—	—	—	—	—
Ayers Island (NH)	—	—	—	4,362	—	—	—	—	—	—	—
Canaan (VT)	—	—	—	967	—	—	—	—	—	—	—
Eastman Falls (NH)	—	—	—	2,315	—	—	—	—	—	—	—
Garvins Falls (NH)	—	—	—	3,291	—	—	—	—	—	—	—
Gorham (NH)	—	—	—	994	—	—	—	—	—	—	—
Hooksett (NH)	—	—	—	1,134	—	—	—	—	—	—	—
Jackman (NH)	—	—	—	686	—	—	—	—	—	—	—
Lost Nation (NH)	—	24	—	—	—	—	—	*	—	—	1
Merrimack (NH)	296,695	12	—	—	—	—	114	*	—	256	2

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Pub Serv Co of New Hamp											
Newington (NH)	—	164,018	—	—	—	—	—	270	—	—	407
Schiller (NH)	54,633	513	11	—	—	—	28	1	*	21	3
Smith (NH)	—	—	—	7,095	—	—	—	—	—	—	—
White Lake (NH)	—	–12	—	—	—	—	—	—	—	—	1
Pub Serv Co of New Mexico	**1,045,650**	**1,873**	**8,602**	**—**	**—**	**—**	**611**	**4**	**114**	**659**	**34**
Las Vegas (NM)	—	–14	—	—	—	—	—	—	—	—	4
Reeves (NM)	—	—	8,602	—	—	—	—	—	114	—	—
San Juan (NM)	1,045,650	1,887	—	—	—	—	611	4	—	659	30
Public Serv Elec & Gas Co	**453,420**	**3,076**	**60,892**	**—**	**2,097,682**	**—**	**176**	**14**	**644**	**449**	**1,126**
Bayonne (NJ)	—	–10	—	—	—	—	—	—	—	—	4
Bergen (NJ)	—	—	29,503	—	—	—	—	—	250	—	115
Burlington (NJ)	—	–39	913	—	—	—	—	1	9	—	74
Edison (NJ)	—	—	2,147	—	—	—	—	—	31	—	102
Essex (NJ)	—	—	5,035	—	—	—	—	—	64	—	111
Hope Creek (NJ)	—	—	—	—	774,848	—	—	—	—	—	—
Hudson (NJ)	191,541	—	16,872	—	—	—	80	—	195	196	141
Kearny (NJ)	—	–535	168	—	—	—	—	5	3	—	214
Linden (NJ)	—	3,286	4,097	—	—	—	—	8	60	—	214
Mercer (NJ)	261,879	349	2,011	—	—	—	97	*	13	254	—
National Park (NJ)	—	–4	—	—	—	—	—	—	—	—	4
Salem (NJ)	—	2	—	—	1,322,834	—	—	*	—	—	13
Sewaren (NJ)	—	27	146	—	—	—	—	1	19	—	136
Public Service Co of Colo	**1,497,829**	**2,982**	**42,209**	**2,108**	**—**	**—**	**833**	**6**	**769**	**1,190**	**80**
Alamosa (CO)	—	749	154	—	—	—	—	4	4	—	4
Ames (CO)	—	—	—	1,364	—	—	—	—	—	—	—
Arapahoe (CO)	92,379	—	18,460	—	—	—	62	—	263	62	—
Boulder Hydro (CO)	—	—	—	1,525	—	—	—	—	—	—	—
Cabin Creek (CO)	—	—	—	–13,536	—	—	—	—	—	—	—
Cameo (CO)	48,735	—	156	—	—	—	28	—	2	2	*
Cherokee (CO)	355,553	—	11,160	—	—	—	165	—	118	207	—
Comanche (CO)	366,558	—	1,609	—	—	—	223	—	17	361	1
Fort Lupton (CO)	—	—	5,972	—	—	—	—	—	101	—	10
Fort St. Vrain (CO)	—	—	–12,157	—	—	—	—	—	2	—	—
Fruita (CO)	—	1,632	—	—	—	—	—	1	—	—	1
Georgetown Hydro (CO)	—	—	—	215	—	—	—	—	—	—	—
Hayden (CO)	176,828	601	872	—	—	—	91	1	9	151	1
Palisade Hydro (CO)	—	—	—	2,073	—	—	—	—	—	—	—
Pawnee (CO)	341,935	—	84	—	—	—	212	—	1	343	8
Salida No. 1 Hydro (CO)	—	—	—	169	—	—	—	—	—	—	—
Salida No. 2 Hydro (CO)	—	—	—	39	—	—	—	—	—	—	—
Shoshone Hydro (CO)	—	—	—	8,228	—	—	—	—	—	—	—
Tacoma (CO)	—	—	—	2,031	—	—	—	—	—	—	—
Valmont (CO)	115,841	—	6,889	—	—	—	53	—	98	65	9
Zuni (CO)	—	—	9,010	—	—	—	—	—	153	—	45
Public Service Co of Okla	**631,046**	**178**	**363,829**	**—**	**—**	**—**	**364**	*****	**3,416**	**522**	**103**
Comanche (OK)	—	11	149,421	—	—	—	—	*	1,270	—	*
Northeastern (OK)	631,046	2	1,572	—	—	—	364	*	16	522	*
Riverside (OK)	—	—	133,996	—	—	—	—	—	1,283	—	53
Southwestern (OK)	—	165	78,259	—	—	—	—	*	840	—	48
Tulsa (OK)	—	—	—	—	—	—	—	—	—	—	*
Weleetka (OK)	—	—	581	—	—	—	—	—	8	—	*
Puget Sound Pwr & Lgt Co	**—**	**24,701**	**26,031**	**145,051**	**—**	**—**	**—**	**53**	**298**	**—**	**69**
Crystal Mountain (WA)	—	35	—	—	—	—	—	*	—	—	1
Electron (WA)	—	—	—	13,382	—	—	—	—	—	—	—
Frederickson (WA)	—	7,565	4,217	—	—	—	—	15	51	—	12
Fredonia (WA)	—	10,341	19,871	—	—	—	—	20	224	—	26
Lower Baker (WA)	—	—	—	47,233	—	—	—	—	—	—	—
Nooksack (WA)	—	—	—	–2	—	—	—	—	—	—	—
Snoqualmie (WA)	—	—	—	25,875	—	—	—	—	—	—	—
South Whidbey (WA)	—	—	—	—	—	—	—	—	—	—	1
Upper Baker (WA)	—	—	—	36,102	—	—	—	—	—	—	—
White River (WA)	—	—	—	22,461	—	—	—	—	—	—	—
Whitehorn (WA)	—	6,760	1,943	—	—	—	—	18	23	—	30

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
PECO Energy Co	**340,565**	**188,689**	**21,577**	**–3,083**	**2,806,427**	**—**	**166**	**394**	**266**	**185**	**426**
Chester (PA)	—	8	—	—	—	—	—	*	—	—	6
Conowingo (MD)	—	—	—	27,486	—	—	—	—	—	—	—
Cromby (PA)	77,183	36,860	8,771	—	—	—	36	72	105	38	35
Croydon (PA)	—	504	—	—	—	—	—	1	—	—	60
Delaware (PA)	—	3,454	—	—	—	—	—	13	—	—	66
Eddystone (PA)	263,382	147,701	12,806	—	—	—	130	305	161	147	205
Falls (PA)	—	—	—	—	—	—	—	—	—	—	8
Limerick (PA)	—	—	—	—	1,307,148	—	—	—	—	—	—
Moser (PA)	—	—	—	—	—	—	—	—	—	—	9
Muddy Run (PA)	—	—	—	–30,569	—	—	—	—	—	—	—
Oil Storage (PA)	—	—	—	—	—	—	—	—	—	—	—
Peach Bottom (PA)	—	—	—	—	1,499,279	—	—	—	—	—	—
Richmond (PA)	—	467	—	—	—	—	—	1	—	—	27
Schuylkill (PA)	—	–309	—	—	—	—	—	2	—	—	5
Southwark (PA)	—	4	—	—	—	—	—	*	—	—	6
PSI Energy, Inc	**2,579,332**	**11,661**	**5,074**	**40,565**	**—**	**—**	**1,216**	**23**	**58**	**2,302**	**48**
Cayuga (IN)	570,540	25	1,556	—	—	—	288	*	17	170	12
Connersville (IN)	—	—	—	—	—	—	—	—	—	—	8
Edwardsport (IN)	38,221	79	—	—	—	—	33	*	—	56	3
Gallagher, R (IN)	268,152	2,296	—	—	—	—	125	5	—	91	2
Gibson (IN)	1,480,210	3,157	—	—	—	—	647	5	—	1,521	7
Markland (IN)	—	—	—	40,565	—	—	—	—	—	—	—
Miami Wabash (IN)	—	–108	—	—	—	—	—	—	—	—	10
Noblesville (IN)	24,474	77	—	—	—	—	14	*	—	49	1
Wabash River (IN)	197,735	6,135	3,518	—	—	—	109	13	41	415	6
Redding (City of)	**—**	**—**	**876**	**2,575**	**—**	**—**	**—**	**—**	**14**	**—**	**—**
Redding Power (CA)	—	—	876	—	—	—	—	—	14	—	—
Whiskeytown (CA)	—	—	—	2,575	—	—	—	—	—	—	—
Richmond (City of)	**63,726**	**19**	**—**	**—**	**—**	**—**	**30**	*****	**—**	**27**	**1**
Whitewater Valley (IN)	63,726	19	—	—	—	—	30	*	—	27	1
Rochester (City of)	**26,608**	**25**	**543**	**712**	**—**	**—**	**14**	*****	**6**	**37**	**2**
Cascade Creek (MN)	—	25	—	—	—	—	—	*	—	—	2
Rochester (MN)	—	—	—	712	—	—	—	—	—	—	—
Silver Lake (MN)	26,608	—	543	—	—	—	14	—	6	37	—
Rochester Gas & Elec Corp	**169,810**	**183**	**3**	**2,166**	**364,987**	**—**	**65**	*****	*****	**160**	**2**
Ginna (NY)	—	—	—	—	364,987	—	—	—	—	—	—
Station 160 (NY)	—	—	—	82	—	—	—	—	—	—	—
Station 170 (NY)	—	—	—	—	—	—	—	—	—	—	—
Station 172 (NY)	—	—	—	—	—	—	—	—	—	—	—
Station 2 (NY)	—	—	—	30	—	—	—	—	—	—	—
Station 26 (NY)	—	—	—	217	—	—	—	—	—	—	—
Station 3 (NY)	48,506	7	—	—	—	—	19	*	—	1	1
Station 5 (NY)	—	—	—	1,837	—	—	—	—	—	—	—
Station 7 (NY)	121,304	176	—	—	—	—	47	*	—	159	1
Station 9 (NY)	—	—	3	—	—	—	—	—	*	—	—
Rockville Ctr(Village of)	**—**	**36**	**138**	**—**	**—**	**—**	**—**	*****	**2**	**—**	**2**
Rockville (NY)	—	36	138	—	—	—	—	*	2	—	2
Russell (City of)	**—**	**57**	**585**	**—**	**—**	**—**	**—**	**1**	**35**	**—**	**1**
Russell (KS)	—	57	585	—	—	—	—	1	35	—	1
Ruston (City of)	**—**	**—**	**11,042**	**—**	**—**	**—**	**—**	**—**	**121**	**—**	**—**
Ruston (LA)	—	—	11,042	—	—	—	—	—	121	—	—
Sacramento Mun Util Dist	**—**	**—**	**239,947**	**133,578**	**—**	**129**	**—**	*****	**1,937**	**—**	**3**
Camino (CA)	—	—	—	27,481	—	—	—	—	—	—	—
Camp Far W (CA)	—	—	—	2,813	—	—	—	—	—	—	—
Campbell Soup (CA)	—	—	133,326	—	—	—	—	—	831	—	—
Carson (CA)	—	—	45,258	—	—	—	—	—	440	—	—
Coldwater Creek (CA)	—	—	—	—	—	—	—	—	—	—	—
Hedge PV (CA)	—	—	—	—	—	16	—	—	—	—	—
Jaybird (CA)	—	—	—	42,346	—	—	—	—	—	—	—
Jones Fork (CA)	—	—	—	1,416	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Sacramento Mun Util Dist											
Loon Lake (CA)	—	—	—	10,388	—	—	—	—	—	—	—
McClellan (CA)	—	—	41	—	—	—	—	*	1	—	3
Proc&Gamble (CA)	—	—	61,322	—	—	—	—	—	665	—	—
Robbs Peak (CA)	—	—	—	4,051	—	—	—	—	—	—	—
Slab Creek (CA)	—	—	—	—	—	—	—	—	—	—	—
Smudgeo (CA)	—	—	—	—	—	—	—	—	—	—	—
Solano (CA)	—	—	—	—	—	110	—	—	—	—	—
Solar (CA)	—	—	—	—	—	3	—	—	—	—	—
Union Valley (CA)	—	—	—	9,064	—	—	—	—	—	—	—
White Rock (CA)	—	—	—	36,019	—	—	—	—	—	—	—
Safe Harbor Water Power Corp	**—**	**—**	**—**	**15,118**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Safe Harbor (PA)	—	—	—	15,118	—	—	—	—	—	—	—
Saint Marys (City of)	**3,590**	**—**	**—**	**—**	**—**	**—**	**2**	**—**	**—**	**1**	*****
Saint Marys (OH)	3,590	—	—	—	—	—	2	—	—	1	*
Salt River Project	**1,914,241**	**2,878**	**181,401**	**22,676**	**—**	**—**	**904**	**5**	**1,816**	**853**	**250**
Agua Fria (AZ)	—	—	86,719	—	—	—	—	—	922	—	57
Coronado (AZ)	373,150	1,435	—	—	—	—	194	2	—	227	13
Crosscut (AZ)	—	—	—	264	—	—	—	—	—	—	—
Horse Mesa (AZ)	—	—	—	13,834	—	—	—	—	—	—	—
Kyrene (AZ)	—	—	5,373	—	—	—	—	—	73	—	51
Mormon Flat (AZ)	—	—	—	7,790	—	—	—	—	—	—	—
Navajo (AZ)	1,541,091	1,433	—	—	—	—	709	2	—	626	35
Roosevelt (AZ)	—	—	—	653	—	—	—	—	—	—	—
San Tan (AZ)	—	10	89,309	—	—	—	—	*	820	—	93
South Con (AZ)	—	—	—	144	—	—	—	—	—	—	—
Stewart Mtn (AZ)	—	—	—	–9	—	—	—	—	—	—	—
Tnk Frm Stg (AZ)	—	—	—	—	—	—	—	—	—	—	—
San Antonio Pub Serv Brd	**914,247**	**517**	**64,698**	**—**	**—**	**—**	**540**	**1**	**775**	**662**	**321**
Braunig, V H (TX)	—	18	37,631	—	—	—	—	*	412	—	177
Deely, J T (TX)	533,109	467	—	—	—	—	330	1	—	662	144
J K Spruce (TX)	381,138	—	201	—	—	—	209	—	2	—	—
Leon Creek (TX)	—	—	–134	—	—	—	—	—	—	—	—
Mission Road (TX)	—	—	–150	—	—	—	—	—	—	—	—
Sommers, O W (TX)	—	32	24,676	—	—	—	—	*	321	—	—
Tuttle, W B (TX)	—	—	2,474	—	—	—	—	—	40	—	—
San Diego Gas & Elec Co	**—**	**174**	**323,251**	**—**	**—**	**—**	**—**	*****	**3,424**	**—**	**553**
Division (CA)	—	—	—	—	—	—	—	—	—	—	—
El Cajon (CA)	—	—	151	—	—	—	—	*	3	—	1
Encina (CA)	—	1	170,558	—	—	—	—	*	1,799	—	280
Kearny (CA)	—	—	1,816	—	—	—	—	—	30	—	36
Leased Strg (CA)	—	—	—	—	—	—	—	—	—	—	*
Miramar (CA)	—	1	2,404	—	—	—	—	*	39	—	4
Naval Station (CA)	—	5	466	—	—	—	—	*	7	—	1
Naval Training Cnter (CA)	—	9	259	—	—	—	—	*	4	—	1
North Island (CA)	—	89	12	—	—	—	—	*	*	—	5
Silver Gate (CA)	—	—	—	—	—	—	—	—	—	—	—
South Bay (CA)	—	69	147,585	—	—	—	—	*	1,541	—	225
San Miguel Elec Coop Inc	**290,509**	**70**	**—**	**—**	**—**	**—**	**384**	*****	**—**	**149**	**20**
San Miguel (TX)	290,509	70	—	—	—	—	384	*	—	149	20
Santa Clara (City of)	**—**	**—**	**5,361**	**6,805**	**—**	**—**	**—**	**—**	**73**	**—**	**—**
Black Butte (CA)	—	—	—	—	—	—	—	—	—	—	—
Cogen Plant (CA)	—	—	4,717	—	—	—	—	—	69	—	—
Gianera (CA)	—	—	644	—	—	—	—	—	4	—	—
Grizzly (CA)	—	—	—	5,914	—	—	—	—	—	—	—
Highline (CA)	—	—	—	—	—	—	—	—	—	—	—
Stony Gorge (CA)	—	—	—	891	—	—	—	—	—	—	—
Savannah Elec & Pwr Co	**143,490**	**180**	**18,243**	**—**	**—**	**—**	**68**	*****	**242**	**103**	**127**
Boulevard (GA)	—	—	—	—	—	—	—	—	—	—	6
Kraft (GA)	77,494	—	1,241	—	—	—	34	—	14	40	24
McIntosh (GA)	65,996	180	17,002	—	—	—	35	*	227	63	97
Riverside (GA)	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Seattle (City of)	**—**	**—**	**—**	**456,643**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Boundary (WA)	—	—	—	249,172	—	—	—	—	—	—	—
Cedar Falls (WA)	—	—	—	10,463	—	—	—	—	—	—	—
Diablo (WA)	—	—	—	59,001	—	—	—	—	—	—	—
Gorge (WA)	—	—	—	73,445	—	—	—	—	—	—	—
New Halem (WA)	—	—	—	−26	—	—	—	—	—	—	—
Ross Dam (WA)	—	—	—	53,828	—	—	—	—	—	—	—
South Fork Tolt (WA)	—	—	—	10,760	—	—	—	—	—	—	—
Seminole Electric Coop	**727,477**	**40,257**	**—**	**—**	**—**	**—**	**297**	**4**	**—**	**603**	**10**
Seminole (FL)	727,477	40,257	—	—	—	—	297	4	—	603	10
Shelby (City of)	**3,555**	**1**	**3**	**—**	**—**	**—**	**3**	*****	*****	*****	*****
Shelby (OH)	3,555	1	3	—	—	—	3	*	*	*	*
Sierra Pacific Power Co	**339,432**	**27,485**	**309,051**	**4,346**	**—**	**—**	**163**	**56**	**3,251**	**272**	**132**
Battle Mt (NV)	—	10	—	—	—	—	—	*	—	—	*
Brunswick (NV)	—	21	—	—	—	—	—	*	—	—	*
Elko (NV)	—	—	—	—	—	—	—	—	—	—	—
Fallon (NV)	—	−1	—	—	—	—	—	—	—	—	—
Farad (CA)	—	—	—	−6	—	—	—	—	—	—	—
Fleish (NV)	—	—	—	1,803	—	—	—	—	—	—	—
Fort Churchill (NV)	—	13,728	77,809	—	—	—	—	28	738	—	47
Gabbs (NV)	—	20	—	—	—	—	—	*	—	—	1
Kings Beach (CA)	—	65	—	—	—	—	—	*	—	—	1
Lahontan (NV)	—	—	—	—	—	—	—	—	—	—	—
North Valmy (NV)	339,432	896	—	—	—	—	163	2	—	272	4
Pinon Pine (NV)	—	—	67,796	—	—	—	—	—	542	—	—
Portola (CA)	—	26	—	—	—	—	—	*	—	—	*
Tracy (NV)	—	12,700	163,493	—	—	—	—	25	1,971	—	79
Valley Road (NV)	—	20	—	—	—	—	—	*	—	—	*
Verdi (NV)	—	—	—	1,174	—	—	—	—	—	—	—
Washoe (NV)	—	—	—	1,376	—	—	—	—	—	—	—
Winnemucca (NV)	—	—	−47	—	—	—	—	—	—	—	—
26 Foot Drop (NV)	—	—	—	−1	—	—	—	—	—	—	—
Sikeston (City of)	**116,028**	**251**	**—**	**—**	**—**	**—**	**73**	*****	**—**	**212**	**1**
Coleman, E. P. (MO)	—	—	—	—	—	—	—	—	—	—	*
Sikeston (MO)	116,028	251	—	—	—	—	73	*	—	212	1
So Carolina Elec & Gas Co	**1,117,217**	**6,591**	**231**	**10,564**	**695,607**	**—**	**345**	**11**	**3**	**1,051**	**62**
Burton (SC)	—	—	—	—	—	—	—	—	—	—	1
Canadys (SC)	80,853	1,032	42	—	—	—	42	2	1	119	4
Coit (SC)	—	10	—	—	—	—	—	*	—	—	4
Columbia Hydro (SC)	—	—	—	3,300	—	—	—	—	—	—	—
Cope (SC)	252,394	97	—	—	—	—	59	*	—	143	4
Faber Place (SC)	—	—	—	—	—	—	—	—	—	—	—
Fairfield County (SC)	—	—	—	−17,747	—	—	—	—	—	—	—
Hagood (SC)	—	—	—	—	—	—	—	—	—	—	13
Hardeeville (SC)	—	—	—	—	—	—	—	—	—	—	*
Mcmeekin (SC)	165,783	—	—	—	—	—	48	—	—	67	3
Neal Shoals (SC)	—	—	—	2,124	—	—	—	—	—	—	—
Parr (SC)	—	33	—	—	—	—	—	*	—	—	8
Parr Hydro (SC)	—	—	—	5,808	—	—	—	—	—	—	—
Saluda Hydro (SC)	—	—	—	10,762	—	—	—	—	—	—	—
Stevens Creek Hydro (GA)	—	—	—	6,317	—	—	—	—	—	—	—
SRS (SC)	1,198	2	—	—	—	—	1	*	—	71	*
Urquhart (SC)	139,578	67	172	—	—	—	57	*	2	20	4
V. C. Summer (SC)	—	—	—	—	695,607	—	—	—	—	—	—
Wateree (SC)	372,206	1,753	—	—	—	—	94	2	—	345	10
Williams (SC)	105,205	3,597	17	—	—	—	44	7	*	286	11
So Carolina Pub Serv Auth	**1,326,887**	**3,353**	**1**	**33,346**	**—**	**—**	**515**	**7**	*****	**1,261**	**151**
Cross (SC)	702,686	220	—	—	—	—	270	*	—	420	6
Grainger, Dolphus M (SC)	32,730	78	—	—	—	—	13	*	—	51	*
Hilton Head (SC)	—	707	—	—	—	—	—	2	—	—	39
Jefferies (SC)	169,456	1,509	—	17,276	—	—	68	3	—	101	55
Myrtle Beach (SC)	—	37	1	—	—	—	—	*	*	—	42
Spillway (SC)	—	—	—	1,312	—	—	—	—	—	—	—
St Stephens (SC)	—	—	—	14,758	—	—	—	—	—	—	—
Winyah (SC)	422,015	802	—	—	—	—	164	1	—	690	9

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
South Miss Elec Pwr Assoc	**127,847**	**492**	**56,459**	**—**	**—**	**—**	**55**	**1**	**674**	**228**	**12**
Benndale (MS)	—	—	41	—	—	—	—	—	1	—	—
Morrow (MS)	127,847	492	—	—	—	—	55	1	—	228	7
Moselle (MS)	—	—	56,418	—	—	—	—	—	673	—	3
Paulding (MS)	—	—	—	—	—	—	—	—	—	—	2
South Texas Elec Coop Inc	**—**	**—**	**−75**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**18**
Sam Rayburn (TX)	—	—	−75	—	—	—	—	—	*	—	18
Southern Calif Edison Co	**1,029,658**	**2,393**	**382**	**393,592**	**1,622,050**	**—**	**466**	**5**	**4**	**426**	**1,828**
Alamitos (CA)	—	—	—	—	—	—	—	—	—	—	—
Baker Dam (CA)	—	—	—	—	—	—	—	—	—	—	—
Big Creek 1 (CA)	—	—	—	38,170	—	—	—	—	—	—	—
Big Creek 2 (CA)	—	—	—	38,326	—	—	—	—	—	—	—
Big Creek 2a (CA)	—	—	—	65,298	—	—	—	—	—	—	—
Big Creek 3 (CA)	—	—	—	77,105	—	—	—	—	—	—	—
Big Creek 4 (CA)	—	—	—	33,413	—	—	—	—	—	—	—
Big Creek 8 (CA)	—	—	—	26,047	—	—	—	—	—	—	—
Bishop Creek 2 (CA)	—	—	—	3,444	—	—	—	—	—	—	—
Bishop Creek 3 (CA)	—	—	—	3,038	—	—	—	—	—	—	—
Bishop Creek 4 (CA)	—	—	—	4,455	—	—	—	—	—	—	—
Bishop Creek 5 (CA)	—	—	—	1,696	—	—	—	—	—	—	—
Bishop Creek 6 (CA)	—	—	—	1,165	—	—	—	—	—	—	—
Borel (CA)	—	—	—	5,188	—	—	—	—	—	—	—
Cool Water (CA)	—	—	—	—	—	—	—	—	—	—	—
Dominguez Hills (CA)	—	—	—	—	—	—	—	—	—	—	1,825
Eastwood (CA)	—	—	—	16,349	—	—	—	—	—	—	—
El Segundo (CA)	—	—	—	—	—	—	—	—	—	—	—
Ellwood (CA)	—	—	—	—	—	—	—	—	—	—	—
Etiwanda (CA)	—	—	—	—	—	—	—	—	—	—	—
Fontana (CA)	—	—	—	809	—	—	—	—	—	—	—
Highgrove (CA)	—	—	—	—	—	—	—	—	—	—	—
Huntington Beach (CA)	—	—	—	—	—	—	—	—	—	—	—
Kaweah 1 (CA)	—	—	—	1,036	—	—	—	—	—	—	—
Kaweah 2 (CA)	—	—	—	712	—	—	—	—	—	—	—
Kaweah 3 (CA)	—	—	—	2,477	—	—	—	—	—	—	—
Kern River 1 (CA)	—	—	—	17,946	—	—	—	—	—	—	—
Kern River 3 (CA)	—	—	—	12,943	—	—	—	—	—	—	—
Long Beach (CA)	—	—	—	—	—	—	—	—	—	—	—
Lundy (CA)	—	—	—	358	—	—	—	—	—	—	—
Lytle Creek (CA)	—	—	—	340	—	—	—	—	—	—	—
Mammoth Pool (CA)	—	—	—	30,537	—	—	—	—	—	—	—
Mandalay (CA)	—	—	—	—	—	—	—	—	—	—	—
Mill Creek 1 (CA)	—	—	—	758	—	—	—	—	—	—	—
Mill Creek 2&3 (CA)	—	—	—	—	—	—	—	—	—	—	—
Mill Creek 3 (CA)	—	—	—	1,259	—	—	—	—	—	—	—
Mohave (NV)	1,029,658	—	382	—	—	—	466	—	4	426	—
Ontario 1 (CA)	—	—	—	335	—	—	—	—	—	—	—
Ontario 2 (CA)	—	—	—	124	—	—	—	—	—	—	—
Ormond Beach (CA)	—	—	—	—	—	—	—	—	—	—	—
Pebbly Beach (CA)	—	2,393	—	—	—	—	—	5	—	—	3
Poole (CA)	—	—	—	1,406	—	—	—	—	—	—	—
Portal (CA)	—	—	—	1,514	—	—	—	—	—	—	—
Redondo Beach (CA)	—	—	—	—	—	—	—	—	—	—	—
Rush Creek (CA)	—	—	—	4,137	—	—	—	—	—	—	—
San Bernardino (CA)	—	—	—	—	—	—	—	—	—	—	—
San Gorgonio (CA)	—	—	—	−5	—	—	—	—	—	—	—
San Gorgonio (CA)	—	—	—	—	—	—	—	—	—	—	—
San Onofre (CA)	—	—	—	—	1,622,050	—	—	—	—	—	—
Santa Ana 1 (CA)	—	—	—	1,126	—	—	—	—	—	—	—
Santa Ana 2 (CA)	—	—	—	—	—	—	—	—	—	—	—
Santa Ana 3 (CA)	—	—	—	—	—	—	—	—	—	—	—
Sierra (CA)	—	—	—	212	—	—	—	—	—	—	—
Tule River (CA)	—	—	—	1,874	—	—	—	—	—	—	—
Southern Ill Pwr Coop	**136,976**	**328**	**—**	**—**	**—**	**—**	**49**	*****	**—**	**430**	**2**
Marion (IL)	136,976	328	—	—	—	—	49	*	—	430	2
Southern Indiana G & E Co	**495,116**	**—**	**6,160**	**—**	**—**	**—**	**233**	**—**	**79**	**726**	**9**
A. B. Brown (IN)	232,018	—	2,263	—	—	—	111	—	24	278	2

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Southern Indiana G & E Co											
Broadway (IN)	—	—	2,048	—	—	—	—	—	37	—	7
Culley (IN)	208,079	—	422	—	—	—	97	—	4	258	—
Northeast (IN)	—	—	6	—	—	—	—	—	*	—	—
Warrick (IN)	55,019	—	1,421	—	—	—	25	—	14	190	—
Southwestern Elec Pwr Co	**1,565,437**	**2,290**	**151,238**	**—**	**—**	**—**	**1,039**	**4**	**1,610**	**1,655**	**121**
Arsenal Hill (LA)	—	—	9,288	—	—	—	—	—	99	—	—
Flint Creek (AR)	355,638	273	—	—	—	—	224	1	—	439	6
Knox Lee (TX)	—	—	25,215	—	—	—	—	—	272	—	61
Lieberman (LA)	—	—	3,998	—	—	—	—	—	46	—	20
Lone Star (TX)	—	—	—	—	—	—	—	—	—	—	3
Pirkey (TX)	322,406	—	2,615	—	—	—	269	—	28	341	—
Welsh (TX)	887,393	2,017	—	—	—	—	547	4	—	876	14
Wilkes (TX)	—	—	110,122	—	—	—	—	—	1,165	—	17
Southwestern Pub Serv Co	**1,413,221**	**34**	**425,165**	**—**	**—**	**—**	**807**	*****	**4,513**	**860**	**87**
Carlsbad (NM)	—	—	—	—	—	—	—	—	—	—	—
Cunningham (NM)	—	—	117,759	—	—	—	—	—	1,221	—	—
Harrington (TX)	720,925	—	612	—	—	—	427	—	7	438	—
Jones (TX)	—	—	83,081	—	—	—	—	—	895	—	56
Maddox (NM)	—	—	62,695	—	—	—	—	—	648	—	—
Moore County (TX)	—	—	–134	—	—	—	—	—	—	—	—
Nichols (TX)	—	12	81,670	—	—	—	—	*	898	—	—
Plant X (TX)	—	—	79,244	—	—	—	—	—	841	—	31
Riverview (TX)	—	—	—	—	—	—	—	—	*	—	—
Tolk Station (TX)	692,296	—	238	—	—	—	380	—	2	422	—
Tucumcari (NM)	—	22	—	—	—	—	—	*	—	—	1
Soyland Power Coop Inc	**–129**	**–79**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**6**	**4**
Pearl Station (IL)	–129	6	—	—	—	—	—	*	—	6	3
Pittsfield (IL)	—	–85	—	—	—	—	—	—	—	—	1
Springfield (City of)	**161,079**	**274**	**302**	**—**	**—**	**—**	**87**	**1**	**4**	**84**	**15**
Dallman (IL)	161,079	114	—	—	—	—	87	*	—	78	1
Factory (IL)	—	—	—	—	—	—	—	—	—	—	4
Interstate (IL)	—	160	302	—	—	—	—	*	4	—	8
Lakeside (IL)	—	—	—	—	—	—	—	—	—	6	*
Reynolds (IL)	—	—	—	—	—	—	—	—	—	—	1
Springfield (City of)	**198,275**	**200**	**5,341**	**—**	**—**	**—**	**122**	**1**	**58**	**225**	**19**
James River (MO)	89,022	96	915	—	—	—	56	*	11	118	9
Main Street (MO)	—	8	—	—	—	—	—	*	—	—	1
Southwest (MO)	109,253	96	4,426	—	—	—	67	*	47	107	8
St Joseph Lgt & Pwr Co	**51,505**	**24**	**180**	**—**	**—**	**—**	**32**	*****	**14**	**96**	**54**
Lake Road (MO)	51,505	24	180	—	—	—	32	*	14	96	54
Sunflower Elec Coop	**222,180**	**—**	**951**	**—**	**—**	**—**	**133**	**—**	**10**	**176**	**—**
Garden City (KS)	—	—	1	—	—	—	—	—	*	—	—
Holcomb (KS)	222,180	—	950	—	—	—	133	—	10	176	—
Superior Wtr Lt Pwr Co	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Winslow (WI)	—	—	—	—	—	—	—	—	—	—	—
Systems Energy Resources Inc	**—**	**—**	**—**	**—**	**945,584**	**—**	**—**	**—**	**—**	**—**	**—**
Grand Gulf (MS)	—	—	—	—	945,584	—	—	—	—	—	—
Tacoma (City of)	**—**	**—**	**—**	**454,889**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Alder (WA)	—	—	—	33,746	—	—	—	—	—	—	—
Cushman 1 (WA)	—	—	—	31,421	—	—	—	—	—	—	—
Cushman 2 (WA)	—	—	—	62,388	—	—	—	—	—	—	—
La Grande (WA)	—	—	—	44,812	—	—	—	—	—	—	—
Mayfield (WA)	—	—	—	113,792	—	—	—	—	—	—	—
Mossyrock (WA)	—	—	—	160,949	—	—	—	—	—	—	—
Steam Plant 2 (WA)	—	—	—	—	—	—	—	—	—	—	—
Wynoochee (WA)	—	—	—	7,781	—	—	—	—	—	—	—
Tallahassee (City of)	**—**	**—**	**122,685**	**922**	**—**	**—**	**—**	**—**	**1,270**	**—**	**289**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Tallahassee (City of)											
Hopkins, Arvah B (FL)	—	—	119,112	—	—	—	—	—	1,228	—	222
Jackson Bluff (FL)	—	—	—	922	—	—	—	—	—	—	—
Purdom, S O (FL)	—	—	3,573	—	—	—	—	—	43	—	67
Tampa Electric Co	**1,169,004**	**23,972**	**—**	**—**	**—**	**—**	**553**	**39**	**—**	**2,234**	**230**
Big Bend (FL)	719,836	2,447	—	—	—	—	335	4	—	920	4
Coal Storage (FL)	—	—	—	—	—	—	—	—	—	1,119	—
Gannon, F J (FL)	390,186	781	—	—	—	—	187	2	—	151	5
Hookers Point (FL)	—	–467	—	—	—	—	—	1	—	—	169
Polk (FL)	58,982	18,464	—	—	—	—	31	28	—	44	41
S Dinner Lk (FL)	—	—	—	—	—	—	—	—	—	—	—
S Phillips (FL)	—	2,747	—	—	—	—	—	4	—	—	12
Taunton (City of)	**—**	**24,157**	**—**	**—**	**—**	**—**	**—**	**43**	**—**	**—**	**15**
Cleary, B F (MA)	—	24,157	—	—	—	—	—	43	—	—	15
Tennessee Valley Auth	**7,169,899**	**60,107**	**—**	**1,059,189**	**4,213,167**	**—**	**3,073**	**106**	**—**	**4,603**	**878**
Allen (TN)	324,123	522	—	—	—	—	159	1	—	105	162
Apalachia (TN)	—	—	—	37,566	—	—	—	—	—	—	—
Blue Ridge (GA)	—	—	—	118	—	—	—	—	—	—	—
Boone (TN)	—	—	—	9,839	—	—	—	—	—	—	—
Browns Ferry (AL)	—	—	—	—	1,641,482	—	—	—	—	—	—
Bull Run (TN)	342,076	4,702	—	—	—	—	128	8	—	146	5
Chatuge (NC)	—	—	—	1,703	—	—	—	—	—	—	—
Cherokee (TN)	—	—	—	20,570	—	—	—	—	—	—	—
Chickamauga (TN)	—	—	—	59,333	—	—	—	—	—	—	—
Colbert (AL)	643,603	17,818	—	—	—	—	279	32	—	291	168
Cumberland (TN)	1,128,864	12,317	—	—	—	—	478	21	—	849	30
Douglas (TN)	—	—	—	15,698	—	—	—	—	—	—	—
Fontana (NC)	—	—	—	63,707	—	—	—	—	—	—	—
Fort Loudoun (TN)	—	—	—	64,244	—	—	—	—	—	—	—
Fort Patrick Henry (TN)	—	—	—	7,733	—	—	—	—	—	—	—
Gallatin (TN)	503,440	7,604	—	—	—	—	233	13	—	374	88
Great Falls (TN)	—	—	—	14,841	—	—	—	—	—	—	—
Guntersville (AL)	—	—	—	64,934	—	—	—	—	—	—	—
Hiwassee (NC)	—	—	—	12,192	—	—	—	—	—	—	—
Johnsonville (TN)	458,445	12,746	—	—	—	—	196	23	—	356	389
Kentucky (KY)	—	—	—	104,992	—	—	—	—	—	—	—
Kingston (TN)	939,805	399	—	—	—	—	369	1	—	153	6
Melton Hill (TN)	—	—	—	12,403	—	—	—	—	—	—	—
Nickajack (TN)	—	—	—	51,506	—	—	—	—	—	—	—
Norris (TN)	—	—	—	31,438	—	—	—	—	—	—	—
Nottely (GA)	—	—	—	2,626	—	—	—	—	—	—	—
Ocoee 1 (TN)	—	—	—	3,234	—	—	—	—	—	—	—
Ocoee 2 (TN)	—	—	—	4,975	—	—	—	—	—	—	—
Ocoee 3 (TN)	—	—	—	6,661	—	—	—	—	—	—	—
Paradise (KY)	1,183,266	789	—	—	—	—	510	1	—	1,086	1
Pickwick (TN)	—	—	—	112,967	—	—	—	—	—	—	—
Raccoon Mountain (TN)	—	—	—	–52,382	—	—	—	—	—	—	—
Sequoyah (TN)	—	—	—	—	1,710,795	—	—	—	—	—	—
Sevier, John (TN)	494,459	4	—	—	—	—	190	*	—	142	1
Shawnee (KY)	657,223	1,074	—	—	—	—	300	2	—	444	9
South Holston (TN)	—	—	—	7,273	—	—	—	—	—	—	—
Tims Ford (TN)	—	—	—	9,416	—	—	—	—	—	—	—
Watauga (TN)	—	—	—	8,140	—	—	—	—	—	—	—
Watts Bar (TN)	–228	—	—	—	—	—	—	—	—	—	—
Watts Bar (TN)	—	—	—	73,887	—	—	—	—	—	—	—
Watts Bar (TN)	—	—	—	—	860,890	—	—	—	—	—	—
Wheeler (AL)	—	—	—	98,252	—	—	—	—	—	—	—
Widows Creek (AL)	494,823	2,132	—	—	—	—	229	4	—	658	19
Wilbur (TN)	—	—	—	1,362	—	—	—	—	—	—	—
Wilson (AL)	—	—	—	209,961	—	—	—	—	—	—	—
Terrebonne Parish Consol Govt	**—**	**–30**	**3,850**	**—**	**—**	**—**	**—**	*****	**54**	**—**	**1**
Houma (LA)	—	–30	3,850	—	—	—	—	*	54	—	1
Texas Mun Power Agency	**224,115**	**—**	**1,630**	**—**	**—**	**—**	**141**	**—**	**17**	**208**	**6**
Gibbons Creek (TX)	224,115	—	1,630	—	—	—	141	—	17	208	6

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Texas Utilities Elec Co	**3,399,751**	**22,995**	**2,257,195**	**—**	**1,653,037**	**—**	**2,897**	**44**	**23,463**	**1,874**	**2,309**
Big Brown (TX)	458,128	—	9,578	—	—	—	393	—	105	181	—
Collin (TX)	—	856	9,631	—	—	—	—	2	122	—	50
Comanche Peak (TX)	—	—	—	—	1,653,037	—	—	—	—	—	—
De Cordova (TX)	—	—	306,300	—	—	—	—	—	2,967	—	231
Eagle Mountain (TX)	—	—	30,100	—	—	—	—	—	420	—	70
Graham (TX)	—	—	145,678	—	—	—	—	—	1,522	—	124
Handley (TX)	—	—	153,193	—	—	—	—	—	1,688	—	259
Lake Creek (TX)	—	—	46,328	—	—	—	—	—	476	—	53
Lake Hubbard (TX)	—	7,792	137,390	—	—	—	—	15	1,484	—	240
Martin Lake (TX)	1,268,674	5,063	—	—	—	—	1,079	10	—	548	18
Monticello (TX)	1,252,641	687	—	—	—	—	1,097	2	—	463	15
Morgan Creek (TX)	—	—	248,470	—	—	—	—	—	2,635	—	218
Mountain Creek (TX)	—	—	94,348	—	—	—	—	—	1,037	—	156
North Lake (TX)	—	3,426	81,635	—	—	—	—	6	859	—	123
North Main (TX)	—	—	–99	—	—	—	—	—	—	—	—
Parkdale (TX)	—	—	17,774	—	—	—	—	—	213	—	4
Permian Basin (TX)	—	—	236,003	—	—	—	—	—	2,405	—	219
River Crest (TX)	—	—	–174	—	—	—	—	—	*	—	3
Sandow (TX)	420,308	33	—	—	—	—	327	*	—	681	—
Stryker Creek (TX)	—	25	145,930	—	—	—	—	*	1,462	—	94
Tradinghouse Creek (TX)	—	—	369,691	—	—	—	—	—	3,719	—	194
Trinidad (TX)	—	18	31,193	—	—	—	—	*	334	—	41
Valley (TX)	—	5,095	194,226	—	—	—	—	9	2,016	—	197
Texas-New Mexico Power Co	**199,971**	**—**	**4,001**	**—**	**—**	**—**	**162**	**—**	**43**	**34**	**—**
Lordsburg (NM)	—	—	—	—	—	—	—	—	—	—	—
TNP One (TX)	199,971	—	4,001	—	—	—	162	—	43	34	—
Toledo Edison Co (The)	**198,224**	**290**	**—**	**—**	**661,803**	**—**	**124**	**1**	**—**	**186**	**5**
Acme (OH)	—	—	—	—	—	—	—	—	—	—	—
Bay Shore (OH)	198,224	290	—	—	—	—	124	1	—	186	3
Davis-Besse (OH)	—	—	—	—	661,803	—	—	—	—	—	—
Richland (OH)	—	—	—	—	—	—	—	—	—	—	2
Stryker (OH)	—	—	—	—	—	—	—	—	—	—	1
Traverse (City of)	**—**	**—**	**—**	**1,189**	**—**	**—**	**—**	**—**	**—**	**9**	**—**
Bayside (MI)	—	—	—	—	—	—	—	—	—	9	—
Boardman (MI)	—	—	—	518	—	—	—	—	—	—	—
Brown Bridge (MI)	—	—	—	282	—	—	—	—	—	—	—
Elk Rapids (MI)	—	—	—	164	—	—	—	—	—	—	—
Sabin (MI)	—	—	—	225	—	—	—	—	—	—	—
Tri-state G & T Assn Inc	**894,785**	**3,024**	**622**	**—**	**—**	**—**	**456**	**6**	**6**	**1,184**	**27**
Burlington (CO)	—	2,957	—	—	—	—	—	6	—	—	26
Craig (CO)	828,927	—	622	—	—	—	420	—	6	1,161	*
Nucla (CO)	65,858	67	—	—	—	—	36	*	—	23	1
Tucson Electric Power Co	**554,217**	**177**	**13,844**	**—**	**—**	**—**	**302**	*****	**179**	**491**	**21**
De Moss Petrie (AZ)	—	—	—	—	—	—	—	—	—	—	4
Irvington (AZ)	45,990	—	13,776	—	—	—	22	—	178	81	5
North Loop (AZ)	—	—	68	—	—	—	—	—	1	—	7
Springerville (AZ)	508,227	177	—	—	—	—	280	*	—	410	6
Turlock Irrigation Dist	**—**	**17**	**23,765**	**18,701**	**—**	**—**	**—**	*****	**228**	**—**	**3**
Almond (CA)	—	—	23,810	—	—	—	—	—	228	—	—
Hickman (CA)	—	—	—	–3	—	—	—	—	—	—	—
Lagrange (CA)	—	—	—	1,312	—	—	—	—	—	—	—
New Don Pedro (CA)	—	—	—	17,400	—	—	—	—	—	—	—
Turlock Lake (CA)	—	—	—	–5	—	—	—	—	—	—	—
Uppr Dawson (CA)	—	—	—	–3	—	—	—	—	—	—	—
Walnut (CA)	—	17	–45	—	—	—	—	*	*	—	3
Union Electric Co	**2,655,904**	**2,220**	**6,393**	**153,021**	**810,082**	**25,407**	**1,618**	**6**	**87**	**2,094**	**102**
Callaway (MO)	—	—	—	—	810,082	—	—	—	—	—	—
Canton (MO)	—	—	—	—	—	—	—	—	—	—	—
Howard Bend (MO)	—	128	—	—	—	—	—	*	—	—	3
Jefferson City (MO)	—	152	—	—	—	—	—	1	—	—	6
Keokuk (IA)	—	—	—	74,803	—	—	—	—	—	—	—
Kirksville (MO)	—	—	–7	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Union Electric Co											
Labadie (MO)	1,375,758	1,041	—	—	—	—	828	2	—	792	39
Meramec (MO)	124,455	–33	6,424	—	—	—	86	*	84	241	7
Mexico (MO)	—	205	—	—	—	—	—	1	—	—	6
Moberly (MO)	—	179	—	—	—	—	—	1	—	—	6
Moreau (MO)	—	187	—	—	—	—	—	1	—	—	6
Osage (MO)	—	—	—	78,650	—	—	—	—	—	—	—
Portable (MO)	—	—	—	—	—	—	—	—	—	—	—
Rush Island (MO)	699,316	92	—	—	—	—	428	*	—	481	4
Sioux (MO)	456,375	44	—	—	—	25,407	275	*	—	580	1
Taum Sauk (MO)	—	—	—	–432	—	—	—	—	—	—	—
Venice No. 2 (IL)	—	225	12	—	—	—	—	1	2	—	23
Viaduct (MO)	—	—	–36	—	—	—	—	—	*	—	—
United Gas Imp Co (The)	**31,115**	**369**	**—**	**—**	**—**	**—**	**17**	**1**	**—**	**52**	*****
Hunlock Creek (PA)	31,115	369	—	—	—	—	17	1	—	52	*
United Illuminating Co	**32,986**	**495,302**	**204**	**—**	**—**	**—**	**13**	**765**	**2**	**134**	**640**
Bridgeport Harbor (CT)	32,986	231,164	—	—	—	—	13	369	—	134	453
English (CT)	—	—	—	—	—	—	—	—	—	—	—
New Haven Harbor (CT)	—	264,138	204	—	—	—	—	396	2	—	187
United Power Assn	**102,387**	**286**	**—**	**—**	**—**	**13,260**	**84**	**1**	**5**	**98**	**8**
Cambridge (MN)	—	48	—	—	—	—	—	*	—	—	2
Elk River (MN)	—	—	—	—	—	13,260	—	*	5	—	1
Maple Lake (MN)	—	48	—	—	—	—	—	*	—	—	2
Rock Lake (MN)	—	64	—	—	—	—	—	*	—	—	2
Stanton (ND)	102,387	126	—	—	—	—	84	*	—	98	1
Utilicorp United Inc	**302,023**	**329**	**3,088**	**—**	**—**	**—**	**140**	**1**	**45**	**193**	**51**
Green, Ralph (MO)	—	—	185	—	—	—	—	—	4	—	—
Greenwood (MO)	—	6	2,923	—	—	—	—	*	41	—	48
Kci (MO)	—	—	–20	—	—	—	—	—	—	—	—
Nevada (MO)	—	–17	—	—	—	—	—	—	—	—	2
Sibley (MO)	302,023	340	—	—	—	—	140	1	—	193	1
UtiliCorp United Inc	**21,772**	**341**	**51,481**	**—**	**—**	**—**	**13**	**1**	**794**	**12**	**8**
Cimarron River (KS)	—	—	–719	—	—	—	—	—	10	—	—
Clark, W N (CO)	21,772	—	—	—	—	—	13	—	—	12	—
Clifton (KS)	—	—	718	—	—	—	—	—	19	—	—
Judson Large (KS)	—	—	29,652	—	—	—	—	—	508	—	2
Mullergren, Arthur (KS)	—	—	21,328	—	—	—	—	—	243	—	1
Pueblo (CO)	—	305	502	—	—	—	—	1	14	—	4
Rocky Ford (CO)	—	36	—	—	—	—	—	*	—	—	1
USBR-Great Plains Region	**—**	**—**	**—**	**204,216**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Alcova (WY)	—	—	—	5,347	—	—	—	—	—	—	—
Big Thompson (CO)	—	—	—	–21	—	—	—	—	—	—	—
Boysen (WY)	—	—	—	6,043	—	—	—	—	—	—	—
Buffalo Bill (WY)	—	—	—	6,656	—	—	—	—	—	—	—
Canyon Ferry (MT)	—	—	—	39,898	—	—	—	—	—	—	—
Estes (CO)	—	—	—	7,383	—	—	—	—	—	—	—
Flatiron (CO)	—	—	—	11,094	—	—	—	—	—	—	—
Fremont Canyon (WY)	—	—	—	13,045	—	—	—	—	—	—	—
Glendo (WY)	—	—	—	–134	—	—	—	—	—	—	—
Green Mountain (CO)	—	—	—	4,984	—	—	—	—	—	—	—
Guernsey (WY)	—	—	—	–20	—	—	—	—	—	—	—
Heart Mountain (WY)	—	—	—	–8	—	—	—	—	—	—	—
Kortes (WY)	—	—	—	11,966	—	—	—	—	—	—	—
Marys Lake (CO)	—	—	—	2,086	—	—	—	—	—	—	—
Mount Elbert (CO)	—	—	—	–8,056	—	—	—	—	—	—	—
Pilot Butte (WY)	—	—	—	–2	—	—	—	—	—	—	—
Pole Hill (CO)	—	—	—	9,008	—	—	—	—	—	—	—
Seminoe (WY)	—	—	—	12,298	—	—	—	—	—	—	—
Shoshone (WY)	—	—	—	2,130	—	—	—	—	—	—	—
Spirit Mountain (WY)	—	—	—	–55	—	—	—	—	—	—	—
Yellowtail (MT)	—	—	—	80,574	—	—	—	—	—	—	—
USBR-Lower Colorado Region	**—**	**—**	**—**	**822,497**	**—**	**—**	**—**	**—**	**—**	**—**	**—**

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
USBR-Lower Colorado Region											
Davis (AZ)	—	—	—	150,530	—	—	—	—	—	—	—
Hoover (AZ)	—	—	—	316,636	—	—	—	—	—	—	—
Hoover (NV)	—	—	—	286,476	—	—	—	—	—	—	—
Parker (CA)	—	—	—	68,855	—	—	—	—	—	—	—
USBR-Mid Pacific Region	**—**	**—**	**—**	**484,107**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Folsom (CA)	—	—	—	48,517	—	—	—	—	—	—	—
Judge F Carr (CA)	—	—	—	23,048	—	—	—	—	—	—	—
Keswick (CA)	—	—	—	49,072	—	—	—	—	—	—	—
Lewiston (CA)	—	—	—	241	—	—	—	—	—	—	—
New Melones (CA)	—	—	—	36,126	—	—	—	—	—	—	—
Nimbus (CA)	—	—	—	4,816	—	—	—	—	—	—	—
O Neill (CA)	—	—	—	333	—	—	—	—	—	—	—
Shasta (CA)	—	—	—	258,243	—	—	—	—	—	—	—
Spring Creek (CA)	—	—	—	26,071	—	—	—	—	—	—	—
Stampede (CA)	—	—	—	836	—	—	—	—	—	—	—
Trinity (CA)	—	—	—	36,804	—	—	—	—	—	—	—
USBR-Pacific NW Region	**—**	**—**	**—**	**1,825,366**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Anderson Ranch (ID)	—	—	—	3,537	—	—	—	—	—	—	—
Black Canyon (ID)	—	—	—	6,395	—	—	—	—	—	—	—
Boise River Div (ID)	—	—	—	—	—	—	—	—	—	—	—
Chandler (WA)	—	—	—	5,015	—	—	—	—	—	—	—
Grand Coulee (WA)	—	—	—	1,701,614	—	—	—	—	—	—	—
Green Springs (OR)	—	—	—	5,599	—	—	—	—	—	—	—
Hungry Horse (MT)	—	—	—	54,487	—	—	—	—	—	—	—
Minidoka (ID)	—	—	—	16,875	—	—	—	—	—	—	—
Palisades (ID)	—	—	—	29,489	—	—	—	—	—	—	—
Roza (WA)	—	—	—	2,355	—	—	—	—	—	—	—
USBR-Upper Colorado Region	**—**	**—**	**—**	**549,535**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Blue Mesa (CO)	—	—	—	11,981	—	—	—	—	—	—	—
Crystal (CO)	—	—	—	8,339	—	—	—	—	—	—	—
Deer Creek (UT)	—	—	—	2,011	—	—	—	—	—	—	—
Elephant Butte (NM)	—	—	—	—	—	—	—	—	—	—	—
Flaming Gorge (UT)	—	—	—	55,021	—	—	—	—	—	—	—
Fontenelle (WY)	—	—	—	6,297	—	—	—	—	—	—	—
Glen Canyon (AZ)	—	—	—	447,271	—	—	—	—	—	—	—
Lower Molina (CO)	—	—	—	1,297	—	—	—	—	—	—	—
McPhee (CO)	—	—	—	243	—	—	—	—	—	—	—
Morrow Point (CO)	—	—	—	14,951	—	—	—	—	—	—	—
Towaoc (CO)	—	—	—	—	—	—	—	—	—	—	—
Upper Molina (CO)	—	—	—	2,124	—	—	—	—	—	—	—
USCE-Fort Worth District	**—**	**—**	**—**	**8,204**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
R D Willis (TX)	—	—	—	2,299	—	—	—	—	—	—	—
Sam Rayburn (TX)	—	—	—	4,766	—	—	—	—	—	—	—
Whitney (TX)	—	—	—	1,139	—	—	—	—	—	—	—
USCE-Hartwell Power Plant	**—**	**—**	**—**	**25,148**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Hartwell (GA)	—	—	—	25,148	—	—	—	—	—	—	—
USCE-J Strom Thur Pwr Plt	**—**	**—**	**—**	**38,504**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
J Strom Thurmond (SC)	—	—	—	38,504	—	—	—	—	—	—	—
USCE-Kansas City Dist	**—**	**—**	**—**	**37,658**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Harry S Truman (MO)	—	—	—	36,927	—	—	—	—	—	—	—
Stockton (MO)	—	—	—	731	—	—	—	—	—	—	—
USCE-Little Rock	**—**	**—**	**—**	**138,891**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Beaver (AR)	—	—	—	1,318	—	—	—	—	—	—	—
Bull Shoals (AR)	—	—	—	6,179	—	—	—	—	—	—	—
Dardanelle (AR)	—	—	—	67,727	—	—	—	—	—	—	—
Greers Ferry (AR)	—	—	—	5,347	—	—	—	—	—	—	—
Norfork (AR)	—	—	—	9,517	—	—	—	—	—	—	—
Ozark (AR)	—	—	—	46,059	—	—	—	—	—	—	—
Table Rock (MO)	—	—	—	2,744	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
USCE-Missouri River District	—	—	—	**903,132**	—	—	—	—	—	—	—
Big Bend (SD)	—	—	—	109,678	—	—	—	—	—	—	—
Fort Peck (MT)	—	—	—	102,192	—	—	—	—	—	—	—
Fort Randall (SD)	—	—	—	151,104	—	—	—	—	—	—	—
Garrison (ND)	—	—	—	187,264	—	—	—	—	—	—	—
Gavins Point (NE)	—	—	—	62,187	—	—	—	—	—	—	—
Oahe (SD)	—	—	—	290,707	—	—	—	—	—	—	—
USCE-Mobile District	—	—	—	**158,016**	—	—	—	—	—	—	—
Allatoona (GA)	—	—	—	8,519	—	—	—	—	—	—	—
Buford (GA)	—	—	—	7,206	—	—	—	—	—	—	—
Carters (GA)	—	—	—	33,268	—	—	—	—	—	—	—
J Woodruff (FL)	—	—	—	13,821	—	—	—	—	—	—	—
Jones Bluff (AL)	—	—	—	27,958	—	—	—	—	—	—	—
Millers Ferry (AL)	—	—	—	33,909	—	—	—	—	—	—	—
Walter F George (GA)	—	—	—	22,998	—	—	—	—	—	—	—
West Point (GA)	—	—	—	10,337	—	—	—	—	—	—	—
USCE-Nashville	—	—	—	**232,285**	—	—	—	—	—	—	—
Barkley (KY)	—	—	—	70,917	—	—	—	—	—	—	—
Center Hill (TN)	—	—	—	23,524	—	—	—	—	—	—	—
Cheatham (TN)	—	—	—	18,733	—	—	—	—	—	—	—
Cordell Hull (TN)	—	—	—	23,135	—	—	—	—	—	—	—
Dale Hollow (TN)	—	—	—	5,478	—	—	—	—	—	—	—
J Percy Priest (TN)	—	—	—	9,979	—	—	—	—	—	—	—
Laurel (KY)	—	—	—	3,034	—	—	—	—	—	—	—
Old Hickory (TN)	—	—	—	34,782	—	—	—	—	—	—	—
Wolf Creek (KY)	—	—	—	42,703	—	—	—	—	—	—	—
USCE-North Pacific Div	—	—	—	**4,800,965**	—	—	—	—	—	—	—
Albeni Falls (ID)	—	—	—	16,930	—	—	—	—	—	—	—
Big Cliff (OR)	—	—	—	13,258	—	—	—	—	—	—	—
Bonneville (OR)	—	—	—	518,606	—	—	—	—	—	—	—
Chief Joseph (WA)	—	—	—	920,864	—	—	—	—	—	—	—
Cougar (OR)	—	—	—	16,661	—	—	—	—	—	—	—
Detroit (OR)	—	—	—	54,886	—	—	—	—	—	—	—
Dexter (OR)	—	—	—	10,482	—	—	—	—	—	—	—
Dworshak (ID)	—	—	—	48,856	—	—	—	—	—	—	—
Foster (OR)	—	—	—	14,088	—	—	—	—	—	—	—
Green Peter (OR)	—	—	—	26,976	—	—	—	—	—	—	—
Hills Creek (OR)	—	—	—	20,210	—	—	—	—	—	—	—
Ice Harbor (WA)	—	—	—	187,553	—	—	—	—	—	—	—
John Day (OR)	—	—	—	837,395	—	—	—	—	—	—	—
Libby (MT)	—	—	—	310,147	—	—	—	—	—	—	—
Little Goose (WA)	—	—	—	179,302	—	—	—	—	—	—	—
Lookout Point (OR)	—	—	—	21,866	—	—	—	—	—	—	—
Lost Creek (OR)	—	—	—	32,044	—	—	—	—	—	—	—
Lower Granite (WA)	—	—	—	180,302	—	—	—	—	—	—	—
Lower Monumental (WA)	—	—	—	195,162	—	—	—	—	—	—	—
McNary (OR)	—	—	—	525,639	—	—	—	—	—	—	—
The Dalles (WA)	—	—	—	669,738	—	—	—	—	—	—	—
USCE-R B Russell	—	—	—	**20,818**	—	—	—	—	—	—	—
R B Russell (GA)	—	—	—	20,818	—	—	—	—	—	—	—
USCE-St Louis Dist	—	—	—	**11,246**	—	—	—	—	—	—	—
Clarence Canyon (MO)	—	—	—	11,246	—	—	—	—	—	—	—
USCE-Tulsa District	—	—	—	**265,775**	—	—	—	—	—	—	—
Broken Bow (OK)	—	—	—	22,910	—	—	—	—	—	—	—
Denison (TX)	—	—	—	6,347	—	—	—	—	—	—	—
Eufaula (OK)	—	—	—	37,439	—	—	—	—	—	—	—
Fort Gibson (OK)	—	—	—	35,000	—	—	—	—	—	—	—
Keystone (OK)	—	—	—	42,504	—	—	—	—	—	—	—
Robert S Kerr (OK)	—	—	—	80,938	—	—	—	—	—	—	—
Tenkiller Ferry (OK)	—	—	—	11,057	—	—	—	—	—	—	—
Webbers Falls (OK)	—	—	—	29,580	—	—	—	—	—	—	—
USCE-Vicksburg District	—	—	—	**35,468**	—	—	—	—	—	—	—
Blakely Mountain (AR)	—	—	—	21,255	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
USCE-Vicksburg District											
Degray (AR)	—	—	—	9,755	—	—	—	—	—	—	—
Narrows (AR)	—	—	—	4,458	—	—	—	—	—	—	—
USCE-Wilmington	**—**	**—**	**—**	**11,939**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
John H Kerr (VA)	—	—	—	10,724	—	—	—	—	—	—	—
Philpott (VA)	—	—	—	1,215	—	—	—	—	—	—	—
Vero Beach (City of)	**—**	**—**	**3,790**	**—**	**—**	**—**	**—**	*****	**40**	**—**	**48**
Municipal Plant (FL)	—	—	3,790	—	—	—	—	*	40	—	48
Vineland (City of)	**—**	**131**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**11**	**34**
Down, Howard (NJ)	—	—	—	—	—	—	—	—	—	11	25
West (NJ)	—	131	—	—	—	—	—	*	—	—	9
Virginia (City of)	**4,248**	**—**	**2,401**	**—**	**—**	**—**	**2**	**—**	**21**	*****	**—**
Virginia (MN)	4,248	—	2,401	—	—	—	2	—	21	*	—
Virginia Elec & Power Co	**2,912,945**	**146,941**	**81,475**	**–36,904**	**2,573,654**	**—**	**1,127**	**230**	**757**	**1,331**	**1,885**
Bath County (VA)	—	—	—	–56,008	—	—	—	—	—	—	—
Bell Meade (VA)	—	—	—	—	—	—	—	—	—	—	1
Bremo Bluff (VA)	96,167	187	—	—	—	—	39	*	—	121	3
Chesapeake (VA)	354,171	625	—	—	—	—	135	1	—	158	32
Chesterfield (VA)	659,176	10,464	76,601	—	—	—	248	17	711	211	87
Clover (VA)	580,158	33	—	—	—	—	220	*	—	199	6
Cushaw (VA)	—	—	—	—	—	—	—	—	—	—	—
Darbytown (VA)	—	726	—	—	—	—	—	1	—	—	68
Gaston (NC)	—	—	—	8,905	—	—	—	—	—	—	—
Gravel Neck (VA)	—	1,645	—	—	—	—	—	3	—	—	95
Kitty Hawk (NC)	—	10	—	—	—	—	—	*	—	—	8
Low Moor (VA)	—	—	—	—	—	—	—	—	—	—	9
Mt Storm (WV)	947,900	1,893	—	—	—	—	378	3	—	432	12
North Anna (VA)	—	—	—	120	1,350,874	—	—	—	—	—	—
North Branch (WV)	—	—	—	—	—	—	—	—	—	—	—
Northern Neck (VA)	—	—	—	—	—	—	—	—	—	—	11
Possum Point (VA)	136,311	918	—	—	—	—	53	1	—	135	374
Roanoke Rapids (NC)	—	—	—	10,079	—	—	—	—	—	—	—
Surry (VA)	—	—	—	—	1,222,780	—	—	—	—	—	—
Yktn Term A (VA)	—	—	—	—	—	—	—	—	—	—	870
Yorktown (VA)	139,062	130,440	4,874	—	—	—	54	202	46	74	253
1st Energy (VA)	—	—	—	—	—	—	—	—	—	—	56
Vt Yankee Nuclear Pr Corp	**—**	**—**	**—**	**—**	**392,951**	**—**	**—**	**—**	**—**	**—**	**—**
Vt. Yankee (VT)	—	—	—	—	392,951	—	—	—	—	—	—
Wash Pub Pwr Supply Systm .	**—**	**—**	**—**	**8,620**	**825,648**	**—**	**—**	**—**	**—**	**—**	**—**
Packwood (WA)	—	—	—	8,620	—	—	—	—	—	—	—
WNP-2 (WA)	—	—	—	—	825,648	—	—	—	—	—	—
Waverly (City of)	**—**	**39**	**35**	**192**	**—**	**13**	**—**	*****	*****	**—**	*****
East Hydro (IA)	—	—	—	192	—	—	—	—	—	—	—
East Plant (IA)	—	—	—	—	—	—	—	—	—	—	—
North Plant (IA)	—	39	35	—	—	—	—	*	*	—	*
Skeets 1 (IA)	—	—	—	—	—	13	—	—	—	—	—
West Penn Power Co	**871,839**	**946**	**87**	**3,210**	**—**	**—**	**346**	**2**	**1**	**576**	**71**
Armstrong (PA)	198,868	124	—	—	—	—	72	*	—	119	*
Hatfields Ferry (PA)	514,184	822	—	—	—	—	201	1	—	418	5
Lake Lynn (WV)	—	—	—	3,210	—	—	—	—	—	—	—
Mitchell (PA)	158,787	—	87	—	—	—	74	—	1	39	66
Springdale (PA)	—	—	—	—	—	—	—	—	—	—	—
West Texas Utilities Co	**417,424**	**933**	**241,441**	**—**	**—**	**—**	**260**	**2**	**2,554**	**381**	**255**
Abilene (TX)	—	—	—	—	—	—	—	—	—	—	—
Fort Phantom (TX)	—	—	83,064	—	—	—	—	—	885	—	103
Ft Stockton (TX)	—	—	—	—	—	—	—	—	—	—	—
Lake Pauline (TX)	—	—	—	—	—	—	—	—	—	—	18
Oak Creek (TX)	—	—	15,091	—	—	—	—	—	156	—	28
Oklaunion (TX)	417,424	909	—	—	—	—	260	2	—	381	4
Paint Creek (TX)	—	—	31,806	—	—	—	—	—	340	—	80

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
West Texas Utilities Co											
Presidio (TX)	—	—	—	—	—	—	—	—	—	—	1
Rio Pecos (TX)	—	—	42,690	—	—	—	—	—	479	—	1
San Angelo (TX)	—	24	68,790	—	—	—	—	*	694	—	19
Vernon (TX)	—	—	—	—	—	—	—	—	—	—	1
Western Farmers Elec Coop	**265,596**	**132**	**117,694**	**—**	**—**	**—**	**159**	*****	**1,107**	**261**	**97**
Anadarko (OK)	—	50	108,062	—	—	—	—	*	997	—	95
Hugo (OK)	265,596	82	—	—	—	—	159	*	—	261	2
Mooreland (OK)	—	—	9,632	—	—	—	—	—	109	—	—
Western Mass Elec Co	**—**	**21,140**	**306**	**10,376**	**—**	**—**	**—**	**44**	**4**	**—**	**40**
Cabot (MA)	—	—	—	26,258	—	—	—	—	—	—	—
Cobble Mountain (MA)	—	—	—	845	—	—	—	—	—	—	—
Doreen (MA)	—	127	—	—	—	—	—	*	—	—	1
Dwight (MA)	—	—	—	480	—	—	—	—	—	—	—
Gardners Falls (MA)	—	—	—	696	—	—	—	—	—	—	—
Indian Orchard (MA)	—	—	—	7	—	—	—	—	—	—	—
Northfield Mountain (MA)	—	—	—	–19,323	—	—	—	—	—	—	—
Putts Bridge (MA)	—	—	—	529	—	—	—	—	—	—	—
Red Bridge (MA)	—	—	—	–46	—	—	—	—	—	—	—
Turners Falls (MA)	—	—	—	930	—	—	—	—	—	—	—
West Springfield (MA)	—	20,852	306	—	—	—	—	43	4	—	39
Woodland Road (MA)	—	161	—	—	—	—	—	*	—	—	1
Willmar (City of)	**3,299**	**—**	**—**	**—**	**—**	**—**	**4**	**—**	**—**	**7**	**—**
Wilmar (MN)	3,299	—	—	—	—	—	4	—	—	7	—
Winfield (City of)	**—**	**—**	**17**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**
East 12th St (KS)	—	—	17	—	—	—	—	—	*	—	—
Winfield (KS)	—	—	—	—	—	—	—	—	—	—	—
Winnetka (Village of)	**—**	**14**	**52**	**—**	**—**	**—**	**—**	*****	**1**	**—**	**2**
Winnetka (IL)	—	14	52	—	—	—	—	*	1	—	2
Wisconsin Electric Pwr Co	**1,633,217**	**1,142**	**26,471**	**21,481**	**401,543**	**—**	**902**	**3**	**317**	**3,105**	**89**
Appleton (WI)	—	—	—	1,268	—	—	—	—	—	—	—
Big Quinnesec 61 (MI)	—	—	—	—	—	—	—	—	—	—	—
Big Quinnesec 92 (MI)	—	—	—	6,103	—	—	—	—	—	—	—
Brule (MI)	—	—	—	610	—	—	—	—	—	—	—
Chalk Hill (MI)	—	—	—	1,806	—	—	—	—	—	—	—
Concord (WI)	—	—	2,582	—	—	—	—	—	35	—	8
Germantown (WI)	—	527	—	—	—	—	—	1	—	—	11
Hemlock Falls (MI)	—	—	—	507	—	—	—	—	—	—	—
Kingsford (MI)	—	—	—	1,648	—	—	—	—	—	—	—
Lower Paint (MI)	—	—	—	29	—	—	—	—	—	—	—
Michigamme Falls (MI)	—	—	—	2,021	—	—	—	—	—	—	—
Oconto Falls (WI)	—	—	—	264	—	—	—	—	—	—	—
Oil Storage (WI)	—	—	—	—	—	—	—	—	—	—	30
Paris (WI)	—	—	11,709	—	—	—	—	—	166	—	15
Peavy Falls (MI)	—	—	—	2,414	—	—	—	—	—	—	—
Pine (WI)	—	—	—	415	—	—	—	—	—	—	—
Pleasant Prairie (WI)	678,161	3	2,398	—	—	—	430	*	25	528	4
Point Beach (WI)	—	31	—	—	401,543	—	—	*	—	—	5
Port Washington (WI)	50,460	—	—	—	—	—	28	—	—	389	5
Presque Isle (MI)	286,530	581	—	—	—	—	152	1	—	1,381	10
South Oak Creek (WI)	526,081	—	9,485	—	—	—	234	—	86	426	3
Sturgeon (MI)	—	—	—	198	—	—	—	—	—	—	—
Twin Falls (MI)	—	—	—	1,945	—	—	—	—	—	—	—
Valley (WI)	91,985	—	297	—	—	—	58	—	5	381	—
Way (MI)	—	—	—	246	—	—	—	—	—	—	—
Weyauwega (WI)	—	—	—	—	—	—	—	—	—	—	—
White Rapids (MI)	—	—	—	2,007	—	—	—	—	—	—	—
Wisconsin Pub Serv Corp	**487,296**	**66**	**14,276**	**13,331**	**341,667**	**—**	**304**	*****	**188**	**301**	**39**
Alexander (WI)	—	—	—	1,027	—	—	—	—	—	—	—
Caldron Falls (WI)	—	—	—	364	—	—	—	—	—	—	—
Eagle River (WI)	—	44	—	—	—	—	—	*	—	—	*
Grand Rapids (MI)	—	—	—	1,967	—	—	—	—	—	—	—
Grandfather Falls (WI)	—	—	—	4,276	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, December 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Wisconsin Pub Serv Corp											
Hat Rapids (WI)	—	—	—	356	—	—	—	—	—	—	—
High Falls (WI)	—	—	—	765	—	—	—	—	—	—	—
Jersey (WI)	—	—	—	71	—	—	—	—	—	—	—
Johnson Falls (WI)	—	—	—	416	—	—	—	—	—	—	—
Kewaunee (WI)	—	—	—	—	341,667	—	—	—	—	—	—
Merrill (WI)	—	—	—	463	—	—	—	—	—	—	—
Oneida Casino (WI)	—	22	—	—	—	—	—	*	—	—	*
Otter Rapids (WI)	—	—	—	833	—	—	—	—	—	—	—
Peshtigo (WI)	—	—	—	150	—	—	—	—	—	—	—
Potato Rapids (WI)	—	—	—	157	—	—	—	—	—	—	—
Pulliam (WI)	196,620	—	2,038	—	—	—	130	—	25	128	*
Sandstone Rapids (WI)	—	—	—	465	—	—	—	—	—	—	—
Tomahawk (WI)	—	—	—	676	—	—	—	—	—	—	—
Wausau (WI)	—	—	—	1,345	—	—	—	—	—	—	—
West Marinette (WI)	—	—	8,374	—	—	—	—	—	116	—	19
Weston (WI)	290,676	—	3,864	—	—	—	174	—	48	172	20
Wisconsin Pwr & Lgt Co	**1,182,540**	**1,828**	**1,987**	**10,139**	**—**	**15,612**	**720**	**3**	**25**	**1,583**	**26**
Blackhawk (WI)	—	—	—	—	—	—	—	—	—	—	—
Columbia (WI)	616,944	1,298	—	—	—	—	389	2	—	849	2
Dewey, Nelson (WI)	95,425	19	—	—	—	1,690	51	*	—	266	*
Edgewater (WI)	423,330	435	—	—	—	11,223	252	1	—	394	*
Janesville (WI)	—	—	—	—	—	—	—	—	—	—	—
Kilbourn (WI)	—	—	—	3,530	—	—	—	—	—	—	—
NA 1 (WI)	—	—	–40	—	—	—	—	—	1	—	10
Portable (WI)	—	—	—	—	—	—	—	—	—	—	—
Prairie Du Sac (WI)	—	—	—	6,426	—	—	—	—	—	—	—
Rock River (WI)	46,841	76	2,027	—	—	2,699	28	*	24	73	9
Shawano (WI)	—	—	—	183	—	—	—	—	—	—	—
Sheepskin (WI)	—	—	—	—	—	—	—	—	—	—	4
Wolf Creek Nuclear Corp	**—**	**—**	**—**	**—**	**886,661**	**—**	**—**	**—**	**—**	**—**	**—**
Wolf Creek (KS)	—	—	—	—	886,661	—	—	—	—	—	—
Wolverine Pwr supply Coop	**–720**	**–10**	**1,384**	**612**	**—**	**—**	**—**	*****	**18**	**—**	**4**
Advance (MI)	–720	—	—	—	—	—	—	—	—	—	—
Beaver Island (MI)	—	–6	—	—	—	—	—	—	—	—	—
Johnson, George (MI)	—	1	335	—	—	—	—	*	6	—	1
Kleber (MI)	—	—	—	440	—	—	—	—	—	—	—
Scottville (MI)	—	–10	—	—	—	—	—	—	—	—	*
Tower (MI)	—	–35	—	—	—	—	—	*	—	—	2
Tower Hydro (MI)	—	—	—	172	—	—	—	—	—	—	—
Vandyke, Claude (MI)	—	—	1,049	—	—	—	—	—	12	—	*
Vestaburg (MI)	—	40	—	—	—	—	—	*	—	—	1
Winder, C A (MI)	—	—	—	—	—	—	—	—	—	—	—
Wyandotte (City of)	**17,609**	**—**	**222**	**—**	**—**	**—**	**10**	**—**	**3**	**26**	**—**
Wyandotte (MI)	17,609	—	222	—	—	—	10	—	3	26	—
Yazoo Pub Serv Comm (City	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Yazoo (MS)	—	—	—	—	—	—	—	—	—	—	—
Yuba County Water Agency	**—**	**—**	**—**	**173,726**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Fish Power (CA)	—	—	—	103	—	—	—	—	—	—	—
New Colgate (CA)	—	—	—	140,645	—	—	—	—	—	—	—
New Narrows (CA)	—	—	—	32,978	—	—	—	—	—	—	—

[1] Other energy sources include geothermal, solar, wood, wind, and waste.

* Less than 0.05.

Notes: •Data for 1998 are final. •Totals may not equal sum of components because of independent rounding. •Net generation for jointly owned units is reported by the operator. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Station losses include energy used for pumped storage. •Generation is included for plants in test status. •Nuclear generation is included for those plants with an operating license issued authorizing fuel loading/low power testing prior to receipt of full power amendment. •Central storage is a common area for fuel stocks not assigned to specific plants. •Mcf=thousand cubic feet and bbls=barrels. •Holding Companies are: **AEP** is American Electric Power, **APS** is Allegheny Power System, **ACE** is Atlantic City Electric, **CSW** is Central & South West Corporation, **CES** is Commonwealth Energy System, **DMV** is Delmarva, **EU** is Eastern Utilities Associates Company, **GPS** is General Public Utilities, **MSU** is Middle South Utilities, **NEES** is New England Electric System, **NU** is Northeast Utilities, **SC** is Southern Company, **TU** is Texas Utilities.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Monthly Plant Aggregates: U.S. Electric Utility Receipts, Cost, and Quality of Fossil Fuels

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas				% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]			Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf				
Alabama Electric Coop Inc	**141**	**134.9**	**32.67**	**1.83**	**1**	**324.8**	**17.80**	**—**	**—**	**—**	**—**		**100**	*****	**—**
Lowman (AL)	141	134.9	32.67	1.83	1	324.8	17.80	—	—	—	—		100	*	—
Alabama Power Co[4]	**1,962**	**163.7**	**37.40**	**.82**	**11**	**203.6**	**11.86**	**—**	**134**	**257.2**	**2.68**		**100**	*****	*****
Barry (AL)	322	191.2	46.96	.73	—	—	—	—	67	245.0	2.62		99	—	1
Gadsden (AL)	16	170.0	41.80	1.73	—	—	—	—	25	204.0	2.07		94	—	6
Gaston (AL)	383	173.4	43.97	.91	7	194.5	11.28	—	—	—	—		100	*	—
Gorgas 2 and 3 (AL)	267	157.2	38.08	1.48	3	194.6	11.33	—	—	—	—		100	*	—
Greene (AL)	150	99.2	24.11	1.86	—	—	—	—	*	421.0	4.51		100	—	*
James Miller (AL)	824	161.4	32.71	.40	2	248.8	14.77	—	42	308.6	3.12		100	*	*
American Municipal Power	**72**	**83.5**	**19.36**	**5.22**	**—**	**—**	**—**	**—**	**7**	**384.6**	**4.00**		**100**	**—**	*****
Gorsuch (OH)	72	83.5	19.36	5.22	—	—	—	—	7	384.6	4.00		100	—	*
Ames City of	**17**	**146.0**	**25.91**	**.19**	**1**	**284.7**	**16.42**	**0.20**	**—**	**—**	**—**		**99**	**1**	**—**
Ames (IA)	17	146.0	25.91	.19	1	284.7	16.42	.20	—	—	—		99	1	—
Anchorage City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**610**	**201.4**	**2.01**		**—**	**—**	**100**
George Sullivan (AK)	—	—	—	—	—	—	—	—	610	201.4	2.01		—	—	100
Appalachian Power Co	**1,330**	**131.9**	**32.21**	**.74**	**21**	**332.8**	**19.47**	**—**	**—**	**—**	**—**		**100**	*****	**—**
Amos (WV)	691	129.7	31.43	.76	19	327.5	19.17	—	—	—	—		99	1	—
Clinch River (VA)	170	128.3	31.87	.71	1	326.4	19.00	—	—	—	—		100	*	—
Glen Lyn (VA)	77	136.2	34.83	.83	1	284.2	16.55	—	—	—	—		100	*	—
Kanawha River (WV)	66	135.0	33.51	.84	1	443.1	26.07	—	—	—	—		100	*	—
Mountaineer (WV)	326	136.7	33.15	.66	1	513.5	29.55	—	—	—	—		100	*	—
Arizona Electric Pwr Coop Inc	**142**	**121.5**	**23.51**	**.58**	**—**	**—**	**—**	**—**	**7**	**207.0**	**2.11**		**100**	**—**	*****
Apache (AZ)	142	121.5	23.51	.58	—	—	—	—	7	207.0	2.11		100	—	*

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf			
Arizona Public Service Co	**1,081**	**102.5**	**18.80**	**0.63**	**1**	**413.9**	**24.01**	**0.05**	**1,547**	**242.6**	**2.48**	**93**	*****	**7**
Cholla (AZ)	308	157.3	30.47	.42	1	413.9	24.01	.05	1	325.4	3.32	100	*	*
Four Corners (NM)	773	78.9	14.15	.71	—	—	—	—	128	300.4	3.04	99	—	1
Ocotillo (AZ)	—	—	—	—	—	—	—	—	447	237.0	2.42	—	—	100
Phoenix (AZ)	—	—	—	—	—	—	—	—	678	237.0	2.42	—	—	100
Saguaro (AZ)	—	—	—	—	—	—	—	—	196	234.0	2.40	—	—	100
Yucca (AZ)	—	—	—	—	—	—	—	—	96	249.0	2.53	—	—	100
Arkansas Power & Light Co	**995**	**132.8**	**23.27**	**.22**	**8**	**313.3**	**18.56**	**.50**	**72**	**231.2**	**2.35**	**99**	*****	*****
Independence (AR)	469	125.0	22.20	.17	4	319.5	18.89	.50	—	—	—	100	*	—
Lake Catherine (AR)	—	—	—	—	—	—	—	—	72	231.2	2.35	—	—	100
Whitebluff (AR)	526	139.9	24.21	.27	4	307.1	18.24	.50	—	—	—	100	*	—
Associated Electric Coop Inc	**744**	**86.6**	**15.32**	**.18**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Hill (MO)	389	74.4	13.16	.18	—	—	—	—	—	—	—	100	—	—
Madrid (MO)	356	99.8	17.69	.18	—	—	—	—	—	—	—	100	—	—
Atlantic City Electric Co	**57**	**183.7**	**46.02**	**2.26**	**1**	**285.0**	**16.69**	**.11**	*****	**237.2**	**2.48**	**100**	*****	*****
Deepwater (NJ)	—	—	—	—	—	—	—	—	*	237.2	2.48	—	—	100
England (NJ)	57	183.7	46.02	2.26	1	285.0	16.69	.11	—	—	—	100	*	—
Austin City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**1,478**	**201.1**	**2.04**	**—**	**—**	**100**
Decker Creek (TX)	—	—	—	—	—	—	—	—	1,103	198.4	2.02	—	—	100
Holly (TX)	—	—	—	—	—	—	—	—	375	209.1	2.12	—	—	100
Baltimore Gas & Electric Co	**340**	**140.0**	**35.50**	**.78**	**85**	**211.4**	**13.34**	**.97**	**160**	**214.4**	**2.23**	**92**	**6**	**2**
Brandon Shores (MD)	249	139.5	34.96	.71	2	255.4	14.86	.05	—	—	—	100	*	—
Crane (MD)	24	142.5	38.06	1.14	—	—	—	—	—	—	—	100	—	—
Gould St (MD)	—	—	—	—	—	—	—	—	14	209.3	2.18	—	—	100
Riverside (MD)	—	—	—	—	—	—	—	—	3	231.5	2.41	—	—	100
Wagner (MD)	67	140.7	36.59	.91	83	210.4	13.30	1.00	143	214.6	2.23	72	22	6
Basin Electric Power Coop	**1,592**	**57.6**	**8.63**	**.55**	**14**	**233.6**	**13.50**	**.37**	**—**	**—**	**—**	**100**	*****	**—**
Antelope Valley (ND)	540	71.7	9.60	.68	3	58.5	3.36	.48	—	—	—	100	*	—
Laramie River (WY)	731	42.3	7.11	.40	7	286.8	16.61	.34	—	—	—	100	*	—
Leland Olds (ND)	321	77.4	10.45	.68	4	263.5	15.26	.34	—	—	—	99	1	—
Black Hills Corp	**46**	**40.0**	**6.41**	**.76**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Neal Simpson II (WY)	46	40.0	6.41	.76	—	—	—	—	—	—	—	100	—	—
Braintree City of	**—**	**—**	**—**	**—**	**5**	**237.6**	**13.85**	**.18**	**149**	**233.4**	**2.40**	**—**	**16**	**84**
Potter Station (MA)	—	—	—	—	5	237.6	13.85	.18	149	233.4	2.40	—	16	84
Brazos Electric Power Coop Inc	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**1,403**	**224.9**	**2.25**	**—**	**—**	**100**
Miller (TX)	—	—	—	—	—	—	—	—	1,368	225.4	2.25	—	—	100
North Texas (TX)	—	—	—	—	—	—	—	—	35	202.1	2.02	—	—	100
Bryan City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**469**	**208.2**	**2.13**	**—**	**—**	**100**
Bryan (TX)	—	—	—	—	—	—	—	—	201	212.9	2.19	—	—	100
Dansby (TX)	—	—	—	—	—	—	—	—	268	204.7	2.08	—	—	100
Burbank City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**40**	**284.2**	**2.90**	**—**	**—**	**100**
Magnolia-Olive (CA)	—	—	—	—	—	—	—	—	40	284.2	2.90	—	—	100
Burlington City of	**—**	**—**	**—**	**—**	**2**	**277.7**	**15.88**	**—**	**4**	**283.9**	**2.87**	**—**	**74**	**26**
J C McNeil (VT)	—	—	—	—	2	277.7	15.88	—	4	283.9	2.87	—	74	26
Cajun Electric Power Coop Inc	**546**	**146.7**	**24.67**	**.45**	**4**	**233.6**	**13.74**	**—**	**—**	**—**	**—**	**100**	*****	**—**
Big Cajun No.2 (LA)	546	146.7	24.67	.45	4	233.6	13.74	—	—	—	—	100	*	—
Cambridge Electric Light Co	**—**	**—**	**—**	**—**	**15**	**234.7**	**14.65**	**.39**	**33**	**203.2**	**2.03**	**—**	**73**	**27**
Kendall Square (MA)	—	—	—	—	15	234.7	14.65	.39	33	203.2	2.03	—	73	27
Canal Electric Co	**—**	**—**	**—**	**—**	**1,113**	**151.0**	**9.65**	**.88**	*****	**229.2**	**2.36**	**—**	**100**	*****
Canal (MA)	—	—	—	—	1,113	151.0	9.65	.88	*	229.2	2.36	—	100	*

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf			
Cardinal Operating Co	**381**	**142.3**	**34.71**	**1.37**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Cardinal (OH)	381	142.3	34.71	1.37	—	—	—	—	—	—	—	100	—	—
Carolina Power & Light Co	**930**	**142.9**	**35.36**	**.91**	**23**	**261.9**	**15.18**	**0.20**	**—**	**—**	**—**	**99**	**1**	**—**
Asheville (NC)	91	140.7	35.32	1.09	*	265.5	15.39	.20	—	—	—	100	*	—
Cape Fear (NC)	85	147.0	36.36	1.00	1	260.8	15.12	.20	—	—	—	100	*	—
Lee (NC)	55	155.2	37.87	.90	4	247.1	14.32	.20	—	—	—	98	2	—
Mayo (NC)	82	142.1	34.43	.66	4	253.1	14.67	.20	—	—	—	99	1	—
Robinson (SC)	18	142.4	36.35	1.02	*	295.2	17.11	.20	—	—	—	99	1	—
Roxboro (NC)	436	138.0	34.22	.87	11	265.4	15.38	.20	—	—	—	99	1	—
Sutton (NC)	132	148.6	36.63	.99	3	270.5	15.68	.20	—	—	—	99	1	—
Weatherspoon (NC)	31	163.3	40.97	.96	1	271.0	15.71	.20	—	—	—	99	1	—
Cedar Falls City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	*****	**261.0**	**2.61**	**—**	**—**	**100**
Streeter (IA)	—	—	—	—	—	—	—	—	*	261.0	2.61	—	—	100
Central Electric Pwr Coop-MO	**15**	**123.7**	**27.20**	**2.66**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Chamois (MO)	15	123.7	27.20	2.66	—	—	—	—	—	—	—	100	—	—
Central Hudson Gas & Elec Corp	**108**	**168.6**	**43.60**	**.67**	**449**	**163.7**	**10.35**	**1.06**	**585**	**151.2**	**1.53**	**45**	**46**	**10**
Danskammer (NY)	108	168.6	43.60	.67	—	—	—	—	332	118.3	1.19	89	—	11
Roseton (NY)	—	—	—	—	449	163.7	10.35	1.06	253	194.0	1.97	—	92	8
Central Illinois Light Co	**268**	**146.1**	**32.13**	**2.02**	**1**	**358.1**	**20.83**	**.04**	**—**	**—**	**—**	**100**	*****	**—**
Duck Creek (IL)	120	158.1	34.73	2.05	1	372.1	21.68	.03	—	—	—	100	*	—
Edwards (IL)	148	136.3	30.02	2.00	1	346.9	20.15	.04	—	—	—	100	*	—
Central Illinois Pub Serv Co	**562**	**115.2**	**22.91**	**.98**	**9**	**311.0**	**17.85**	**.29**	**—**	**—**	**—**	**100**	*****	**—**
Coffeen (IL)	178	113.6	23.40	1.00	2	312.1	17.83	.29	—	—	—	100	*	—
Grand Tower (IL)	34	93.7	21.13	3.03	1	312.9	18.33	.29	—	—	—	99	1	—
Hutsonville (IL)	22	109.6	24.11	2.81	1	317.9	18.09	.29	—	—	—	99	1	—
Meredosia (IL)	43	120.8	27.38	2.73	1	290.5	16.77	.29	—	—	—	99	1	—
Newton (IL)	285	118.8	22.05	.31	4	313.4	17.96	.29	—	—	—	100	*	—
Central Iowa Power Coop	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**2**	**353.8**	**3.57**	**—**	**—**	**100**
Fair Station (IA)	—	—	—	—	—	—	—	—	2	353.8	3.57	—	—	100
Central Louisiana Elec Co Inc	**317**	**137.0**	**19.17**	**.80**	**—**	**—**	**—**	**—**	**1,369**	**191.9**	**2.01**	**76**	**—**	**24**
Coughlin (LA)	—	—	—	—	—	—	—	—	85	217.7	2.29	—	—	100
Dolet Hills (LA)	274	135.2	18.25	.81	—	—	—	—	4	295.0	3.03	100	—	*
Rodemacher (LA)	43	145.8	25.00	.73	—	—	—	—	1,235	192.1	2.01	36	—	64
Teche (LA)	—	—	—	—	—	—	—	—	45	130.8	1.38	—	—	100
Central Maine Power Co	**—**	**—**	**—**	**—**	**435**	**178.9**	**11.37**	**1.28**	**—**	**—**	**—**	**—**	**100**	**—**
Wyman (ME)	—	—	—	—	435	178.9	11.37	1.28	—	—	—	—	100	—
Central Operating Co	**237**	**124.9**	**30.61**	**1.55**	**2**	**383.3**	**22.05**	**—**	**—**	**—**	**—**	**100**	*****	**—**
Sporn (WV)	237	124.9	30.61	1.55	2	383.3	22.05	—	—	—	—	100	*	—
Central Power & Light Co	**232**	**138.4**	**25.59**	**.34**	**—**	**—**	**—**	**—**	**9,599**	**194.8**	**2.01**	**30**	**—**	**70**
Bates (TX)	—	—	—	—	—	—	—	—	475	192.4	2.00	—	—	100
Coleto Creek (TX)	232	138.4	25.59	.34	—	—	—	—	—	—	—	100	—	—
Davis (TX)	—	—	—	—	—	—	—	—	3,316	190.6	1.95	—	—	100
Hill (TX)	—	—	—	—	—	—	—	—	1,581	194.4	1.99	—	—	100
Joslin (TX)	—	—	—	—	—	—	—	—	398	203.5	2.10	—	—	100
La Palma (TX)	—	—	—	—	—	—	—	—	599	203.4	2.11	—	—	100
Laredo (TX)	—	—	—	—	—	—	—	—	554	208.6	2.24	—	—	100
Nueces Bay (TX)	—	—	—	—	—	—	—	—	2,552	194.5	2.00	—	—	100
Victoria (TX)	—	—	—	—	—	—	—	—	124	195.4	2.06	—	—	100
Chugach Electric Assn Inc	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**1,325**	**158.8**	**1.59**	**—**	**—**	**100**
Beluga (AK)	—	—	—	—	—	—	—	—	1,325	158.8	1.59	—	—	100
Cincinnati Gas & Electric Co	**1,005**	**111.2**	**26.66**	**2.05**	**20**	**277.2**	**15.89**	**.20**	**—**	**—**	**—**	**100**	*****	**—**

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf			
Cincinnati Gas & Electric Co														
Beckjord (OH)	260	111.1	26.55	1.34	4	273.6	15.75	0.36	—	—	—	100	*	—
East Bend (KY)	115	116.9	27.97	1.63	3	283.4	16.17	.29	—	—	—	99	1	—
Miami Fort (OH)	294	120.6	28.66	1.15	4	282.1	16.20	.02	—	—	—	100	*	—
Zimmer (OH)	335	101.3	24.54	3.54	10	274.7	15.75	.17	—	—	—	99	1	—
Cleveland Electric Illum Co	**285**	**149.2**	**38.79**	**1.71**	**2**	**297.7**	**17.31**	**.04**	**—**	**—**	**—**	**100**	*****	**—**
Ashtabula (OH)	9	117.4	31.39	2.17	2	297.7	17.31	.04	—	—	—	96	4	—
Avon Lake (OH)	108	148.0	38.11	.87	—	—	—	—	—	—	—	100	—	—
Eastlake (OH)	168	151.7	39.61	2.22	—	—	—	—	—	—	—	100	—	—
Colorado Springs City of	**128**	**129.9**	**27.42**	**.39**	**—**	**—**	**—**	**—**	**29**	**361.9**	**3.56**	**99**	**—**	**1**
Birdsall (CO)	—	—	—	—	—	—	—	—	21	361.9	3.56	—	—	100
Drake (CO)	59	178.2	36.32	.37	—	—	—	—	8	361.9	3.56	99	—	1
Nixon (CO)	69	91.1	19.80	.41	—	—	—	—	—	—	—	100	—	—
Columbia City of	**2**	**200.0**	**53.09**	**.99**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Columbia (MO)	2	200.0	53.09	.99	—	—	—	—	—	—	—	100	—	—
Columbus & Southern Ohio El Co	**386**	**130.7**	**31.12**	**2.76**	**2**	**266.3**	**15.72**	**—**	**—**	**—**	**—**	**100**	*****	**—**
Conesville (OH)	372	131.7	31.39	2.73	1	263.9	15.60	—	—	—	—	100	*	—
Picway (OH)	13	101.6	23.51	3.67	*	274.5	16.13	—	—	—	—	99	1	—
Commonwealth Edison Co	**1,412**	**169.3**	**30.09**	**.35**	**71**	**223.9**	**14.21**	**.57**	**1,396**	**206.6**	**2.11**	**93**	**2**	**5**
Collins (IL)	—	—	—	—	65	221.2	14.13	.60	1,382	205.7	2.10	—	23	77
Fisk Storage (IL)	—	—	—	—	—	—	—	—	7	205.3	2.11	—	—	100
Joliet (IL)	374	253.7	44.37	.38	—	—	—	—	—	—	—	100	—	—
Powerton (IL)	412	139.0	24.97	.29	—	—	—	—	7	405.8	4.06	100	—	*
Waukegan (IL)	208	110.5	19.19	.45	—	—	—	—	—	—	—	100	—	—
Will County (IL)	418	153.9	27.77	.34	6	256.5	14.97	.22	—	—	—	100	*	—
Connecticut Light & Power Co	**—**	**—**	**—**	**—**	**707**	**178.2**	**11.44**	**.73**	**119**	**185.4**	**1.90**	**—**	**97**	**3**
Devon (CT)	—	—	—	—	33	179.0	11.43	1.00	44	210.3	2.13	—	83	17
Middletown (CT)	—	—	—	—	170	188.1	11.85	.45	75	171.2	1.77	—	93	7
Montville (CT)	—	—	—	—	387	174.6	11.33	.77	—	—	—	—	100	—
Norwalk Harbor (CT)	—	—	—	—	117	175.9	11.20	.94	—	—	—	—	100	—
Consolidated Edison Co-NY Inc	**—**	**—**	**—**	**—**	**490**	**174.8**	**10.86**	**.25**	**3,351**	**226.0**	**2.33**	**—**	**47**	**53**
Arthur Kill (NY)	—	—	—	—	—	—	—	—	1,017	227.5	2.34	—	—	100
Astoria (NY)	—	—	—	—	15	175.7	10.80	.28	1,640	225.4	2.32	—	5	95
East River (NY)	—	—	—	—	—	—	—	—	153	225.4	2.32	—	—	100
Storage Facility #5	—	—	—	—	242	174.1	10.81	.26	—	—	—	—	100	—
Storage Facility #7	—	—	—	—	233	175.5	10.92	.25	—	—	—	—	100	—
Waterside (NY)	—	—	—	—	—	—	—	—	542	225.4	2.32	—	—	100
Consumers Power Co	**591**	**147.7**	**33.70**	**.71**	**98**	**258.0**	**16.55**	**.81**	**143**	**221.0**	**2.21**	**95**	**4**	**1**
Campbell (MI)	349	154.4	35.96	.69	5	260.3	15.09	.50	—	—	—	100	*	—
Karn-Weadock (MI)	38	150.6	36.94	.98	88	257.4	16.69	.84	143	221.0	2.21	57	35	9
Weadock (MI)	86	125.1	25.36	.58	4	268.2	15.54	.50	—	—	—	99	1	—
Whiting (MI)	118	141.1	32.03	.77	*	259.9	15.06	.50	—	—	—	100	*	—
Coop Power Assn	**780**	**74.7**	**9.32**	**.65**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Coal Creek (ND)	780	74.7	9.32	.65	—	—	—	—	—	—	—	100	—	—
Dairyland Power Coop	**135**	**96.3**	**16.92**	**.19**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Alma-Madgett (WI)	135	96.3	16.92	.19	—	—	—	—	—	—	—	100	—	—
Dayton Power & Light Co	**792**	**126.0**	**29.56**	**.79**	**30**	**292.7**	**16.95**	**.08**	**13**	**448.4**	**4.57**	**99**	**1**	*****
Hutchings (OH)	42	138.0	34.62	.89	—	—	—	—	13	448.4	4.57	99	—	1
Killen (OH)	201	128.2	30.67	.64	23	302.1	17.54	—	—	—	—	97	3	—
Stuart (OH)	549	124.2	28.76	.84	7	262.4	15.07	.35	—	—	—	100	*	—
Delmarva Power & Light Co	**89**	**149.6**	**39.16**	**1.05**	**263**	**157.8**	**9.98**	**.86**	**912**	**354.1**	**3.34**	**48**	**34**	**18**
Edgemoor (DE)	33	159.0	40.68	.72	215	156.7	9.89	.65	319	217.6	1.66	34	56	10

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf			
Delmarva Power & Light Co														
Hay Road (DE)	—	—	—	—	—	—	—	—	593	408.2	4.23	—	—	100
Indian River (DE)	57	144.3	38.28	1.25	4	264.2	15.37	0.21	—	—	—	98	2	—
Vienna (MD)	—	—	—	—	44	154.2	9.90	1.98	—	—	—	—	100	—
Denton City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**192**	**210.0**	**2.20**	**—**	**—**	**100**
Spencer (TX)	—	—	—	—	—	—	—	—	192	210.0	2.20	—	—	100
Deseret Generation & Tran Coop	**92**	**192.8**	**39.23**	**.39**	**1**	**558.0**	**32.34**	**—**	**—**	**—**	**—**	**100**	** * **	**—**
Bonanza (UT)	92	192.8	39.23	.39	1	558.0	32.34	—	—	—	—	100	*	—
Detroit City of	**—**	**—**	**—**	**—**	**13**	**341.0**	**20.51**	**1.00**	**247**	**314.8**	**3.29**	**—**	**23**	**77**
Mistersky (MI)	—	—	—	—	13	341.0	20.51	1.00	247	314.8	3.29	—	23	77
Detroit Edison Co	**1,961**	**127.9**	**26.85**	**.67**	**42**	**223.4**	**13.06**	**.39**	**2,217**	**208.7**	**.96**	**97**	**1**	**2**
Belle River (MI)	450	147.8	28.08	.35	10	305.6	17.64	.28	—	—	—	99	1	—
Greenwood (MI)	—	—	—	—	19	130.8	7.77	.52	686	244.5	2.48	—	14	86
Harbor Beach (MI)	—	—	—	—	1	309.3	17.64	.10	—	—	—	—	100	—
Marysville (MI)	23	148.8	39.20	.80	—	—	—	—	18	245.0	2.45	97	—	3
Monroe (MI)	697	114.5	26.64	.92	6	301.8	17.43	.36	—	—	—	100	*	—
River Rouge (MI)	133	106.1	23.23	.87	—	—	—	—	1,469	104.0	.18	92	—	8
St Clair (MI)	510	144.9	28.40	.59	1	289.5	16.80	.17	44	244.0	2.47	100	*	*
Trenton Channel (MI)	148	103.2	20.05	.46	5	291.1	16.80	.25	—	—	—	99	1	—
Dover City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**5**	**345.8**	**3.57**	**—**	**—**	**100**
Mckee Run (DE)	—	—	—	—	—	—	—	—	5	345.8	3.57	—	—	100
Duke Power Co	**1,453**	**141.1**	**35.24**	**.91**	**13**	**244.7**	**14.29**	**.30**	**—**	**—**	**—**	**100**	** * **	**—**
Allen (NC)	133	136.4	34.88	.81	3	242.0	14.15	.30	—	—	—	99	1	—
Belews Creek (NC)	512	148.1	36.74	.91	2	238.9	13.93	.30	—	—	—	100	*	—
Buck (NC)	69	142.6	33.22	1.08	—	—	—	—	—	—	—	100	—	—
Cliffside (NC)	181	136.3	34.71	.95	1	254.0	14.83	.30	—	—	—	100	*	—
Dan River (NC)	18	146.1	36.74	1.13	—	—	—	—	—	—	—	100	—	—
Lee (SC)	26	151.8	37.40	.71	4	248.1	14.49	.30	—	—	—	96	4	—
Marshall (NC)	404	135.3	33.83	.87	3	243.5	14.21	.30	—	—	—	100	*	—
Riverbend (NC)	110	139.7	35.26	1.02	—	—	—	—	—	—	—	100	—	—
Duquesne Light Co	**195**	**167.4**	**42.77**	**2.01**	**2**	**242.7**	**14.00**	**.12**	**12**	**363.8**	**3.78**	**100**	** * **	** * **
Cheswick (PA)	112	111.3	29.22	1.92	—	—	—	—	12	363.8	3.78	100	—	*
Elrama (PA)	83	248.3	61.05	2.12	2	242.7	14.00	.12	—	—	—	99	1	—
East Kentucky Power Coop	**349**	**116.2**	**28.64**	**.85**	**1**	**268.6**	**15.64**	**.15**	**—**	**—**	**—**	**100**	** * **	**—**
Cooper (KY)	69	112.6	27.82	1.23	*	287.9	16.76	.20	—	—	—	100	*	—
Dale (KY)	37	115.0	28.36	.91	*	258.9	15.07	.12	—	—	—	100	*	—
Spurlock (KY)	243	117.4	28.92	.74	—	—	—	—	—	—	—	100	—	—
El Paso Electric Co	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**2,546**	**200.6**	**2.04**	**—**	**—**	**100**
Newman (TX)	—	—	—	—	—	—	—	—	1,882	201.8	2.05	—	—	100
Rio Grande (NM)	—	—	—	—	—	—	—	—	664	197.0	2.00	—	—	100
Electric Energy Inc	**421**	**86.9**	**15.19**	**.22**	** * **	**415.7**	**23.80**	**.18**	**54**	**240.2**	**2.52**	**99**	** * **	**1**
Joppa (IL)	421	86.9	15.19	.22	*	415.7	23.80	.18	54	240.2	2.52	99	*	1
Empire District Electric Co	**144**	**105.6**	**19.14**	**.41**	**1**	**269.3**	**15.77**	**—**	**182**	**276.1**	**2.76**	**93**	** * **	**7**
Asbury (MO)	117	102.4	18.21	.28	1	269.3	15.77	—	—	—	—	100	*	—
Riverton (KS)	28	118.0	23.03	.98	—	—	—	—	182	276.1	2.76	75	—	25
Fayetteville Public Works	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**18**	**374.2**	**3.93**	**—**	**—**	**100**
Butler Warner (NC)	—	—	—	—	—	—	—	—	18	374.2	3.93	—	—	100
Florida Power & Light Co	**—**	**—**	**—**	**—**	**2,736**	**171.9**	**10.90**	**1.38**	**12,849**	**278.1**	**2.95**	**—**	**56**	**44**
Cape Canaveral (FL)	—	—	—	—	460	167.3	10.64	1.41	646	278.1	2.95	—	81	19
Fort Myers (FL)	—	—	—	—	470	138.8	8.85	2.00	—	—	—	—	100	—
Lauderdale (FL)	—	—	—	—	32	320.0	17.93	.20	3,326	278.1	2.95	—	5	95

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf			
Florida Power & Light Co														
Manatee (FL)	—	—	—	—	471	211.6	13.33	0.98	—	—	—	—	100	—
Martin (FL)	—	—	—	—	124	204.7	12.99	.64	4,304	278.1	2.95	—	15	85
Port Everglades (FL)	—	—	—	—	398	159.7	10.09	.91	1,181	278.1	2.95	—	67	33
Putnam (FL)	—	—	—	—	—	—	—	—	1,638	278.1	2.95	—	—	100
Riviera (FL)	—	—	—	—	349	140.5	8.95	2.10	551	278.1	2.95	—	79	21
Sanford (FL)	—	—	—	—	262	167.3	10.66	1.68	438	278.1	2.95	—	78	22
Turkey Point (FL)	—	—	—	—	170	219.7	13.89	.62	765	278.1	2.95	—	57	43
Florida Power Corp[5]	**538**	**173.3**	**43.67**	**0.83**	**582**	**147.1**	**9.52**	**1.52**	**—**	**—**	**—**	**78**	**22**	**—**
Anclote (FL)	—	—	—	—	2	276.5	16.13	.48	—	—	—	—	100	—
Bartow (FL)	—	—	—	—	111	121.3	7.91	1.91	—	—	—	—	100	—
Crystal River (FL)	329	172.4	43.62	.91	11	285.3	16.63	.49	—	—	—	99	1	—
IMT Transfer (LA)	208	174.7	43.75	.71	—	—	—	—	—	—	—	100	—	—
Storage Facility #1	—	—	—	—	453	149.2	9.66	1.46	—	—	—	—	100	—
Suwannee (FL)	—	—	—	—	5	224.5	13.91	1.00	—	—	—	—	100	—
Fort Pierce City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**4**	**437.6**	**4.63**	**—**	**—**	**100**
H D King (FL)	—	—	—	—	—	—	—	—	4	437.6	4.63	—	—	100
Fremont City of	**12**	**87.9**	**15.11**	**.26**	**—**	**—**	**—**	**—**	**7**	**218.0**	**2.18**	**97**	**—**	**3**
Wright (NE)	12	87.9	15.11	.26	—	—	—	—	7	218.0	2.18	97	—	3
Gainesville City of	**54**	**165.7**	**43.10**	**.64**	**—**	**—**	**—**	**—**	**131**	**211.5**	**2.24**	**91**	**—**	**9**
Deerhaven (FL)	54	165.7	43.10	.64	—	—	—	—	130	211.5	2.24	91	—	9
Jr Kelly (FL)	—	—	—	—	—	—	—	—	*	209.8	2.24	—	—	100
Garland City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**694**	**185.6**	**1.88**	**—**	**—**	**100**
Newman (TX)	—	—	—	—	—	—	—	—	18	192.2	1.98	—	—	100
Olinger (TX)	—	—	—	—	—	—	—	—	676	185.4	1.87	—	—	100
Georgia Power Co	**2,917**	**154.7**	**36.12**	**.87**	**58**	**318.0**	**18.50**	**.50**	**—**	**—**	**—**	**100**	*****	**—**
Arkwright (GA)	13	166.5	43.49	1.67	—	—	—	—	—	—	—	100	—	—
Atkinson-Mcdonough (GA)	176	138.2	35.47	1.18	—	—	—	—	—	—	—	100	—	—
Bowen (GA)	603	141.8	34.55	.87	1	274.7	15.98	.50	—	—	—	100	*	—
Hammond (GA)	51	148.7	38.09	.76	3	268.9	15.64	.50	—	—	—	99	1	—
Harllee Branch (GA)	364	156.7	38.72	1.36	2	270.3	15.72	.50	—	—	—	100	*	—
Mcmanus (GA)	—	—	—	—	29	367.4	21.37	.50	—	—	—	—	100	—
Mitchell (GA)	38	172.7	44.24	1.30	11	267.7	15.57	.50	—	—	—	94	6	—
Scherer (GA)	990	169.3	34.63	.50	7	267.8	15.58	.50	—	—	—	100	*	—
Wansley (GA)	392	148.8	36.36	1.01	5	274.6	15.97	.50	—	—	—	100	*	—
Yates (GA)	290	153.9	39.57	1.04	2	273.4	15.90	.50	—	—	—	100	*	—
Glendale City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**318**	**281.0**	**2.87**	**—**	**—**	**100**
Glendale (CA)	—	—	—	—	—	—	—	—	318	281.0	2.87	—	—	100
Grand Haven City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	*****	**402.4**	**4.02**	**—**	**—**	**100**
J B Simms (MI)	—	—	—	—	—	—	—	—	*	402.4	4.02	—	—	100
Grand Island City of	**35**	**66.9**	**11.60**	**.44**	**—**	**—**	**—**	**—**	*****	**776.1**	**7.76**	**100**	**—**	*****
Burdick (NE)	—	—	—	—	—	—	—	—	*	776.1	7.76	—	—	100
Platte (NE)	35	66.9	11.60	.44	—	—	—	—	—	—	—	100	—	—
Grand River Dam Authority	**355**	**85.6**	**14.64**	**.43**	**1**	**244.7**	**14.13**	**.40**	**55**	**243.8**	**2.44**	**99**	*****	**1**
GRDA No 1 (OK)	355	85.6	14.64	.43	1	244.7	14.13	.40	55	243.8	2.44	99	*	1
Greenville City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**33**	**199.5**	**2.11**	**—**	**—**	**100**
Power Lane (TX)	—	—	—	—	—	—	—	—	33	199.5	2.11	—	—	100
Gulf Power Co	**264**	**139.6**	**33.28**	**1.60**	**1**	**331.4**	**19.28**	**.45**	**22**	**138.7**	**1.39**	**100**	*****	*****
Crist (FL)	170	142.8	34.03	1.00	—	—	—	—	22	138.7	1.39	99	—	1
Smith (FL)	94	133.6	31.90	2.68	1	331.4	19.28	.45	—	—	—	100	*	—
Gulf States Utilities Co	**204**	**127.7**	**22.08**	**.44**	**—**	**—**	**—**	**—**	**13,782**	**216.7**	**2.26**	**20**	**—**	**80**

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf			
Gulf States Utilities Co														
Lewis Creek (TX)	—	—	—	—	—	—	—	—	2,439	209.2	2.24	—	—	100
Nelson (LA)	204	127.7	22.08	0.44	—	—	—	—	1,903	170.9	1.77	64	—	36
Sabine (TX)	—	—	—	—	—	—	—	—	7,138	237.9	2.48	—	—	100
Spindletop Storage (TX)	—	—	—	—	—	—	—	—	1,184	207.0	2.09	—	—	100
Willow Glen (LA)	—	—	—	—	—	—	—	—	1,118	185.1	1.93	—	—	100
Hamilton City of	**15**	**150.6**	**37.18**	**.65**	**—**	**—**	**—**	**—**	**10**	**273.9**	**2.81**	**97**	**—**	**3**
Hamilton (OH)	15	150.6	37.18	.65	—	—	—	—	10	273.9	2.81	97	—	3
Hastings City of	**31**	**59.4**	**10.08**	**.36**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Hastings (NE)	31	59.4	10.08	.36	—	—	—	—	—	—	—	100	—	—
Hawaiian Electric Co Inc	**—**	**—**	**—**	**—**	**501**	**259.5**	**16.28**	**0.38**	**—**	**—**	**—**	**—**	**100**	**—**
Kahe (HI)	—	—	—	—	66	249.5	15.67	.43	—	—	—	—	100	—
Storage Facility #1	—	—	—	—	435	261.0	16.37	.37	—	—	—	—	100	—
Holland City of	**37**	**160.0**	**39.34**	**.59**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
James De Young (MI)	37	160.0	39.34	.59	—	—	—	—	—	—	—	100	—	—
Holyoke Water Power Co	**16**	**176.1**	**46.56**	**.86**	*****	**266.7**	**15.43**	**.27**	**—**	**—**	**—**	**100**	*****	**—**
Mount Tom (MA)	16	176.1	46.56	.86	*	266.7	15.43	.27	—	—	—	100	*	—
Hoosier Energy R E C Inc	**267**	**118.8**	**26.40**	**2.58**	**3**	**285.9**	**16.57**	**—**	**—**	**—**	**—**	**100**	*****	**—**
Frank E Ratts (IN)	68	131.1	29.19	1.06	*	304.3	17.64	—	—	—	—	100	*	—
Merom (IN)	199	114.7	25.46	3.10	2	282.6	16.38	—	—	—	—	100	*	—
Houston Lighting & Power Co	**1,825**	**132.6**	**20.19**	**.65**	**—**	**—**	**—**	**—**	**9,251**	**190.9**	**1.96**	**75**	**—**	**25**
Bertron (TX)	—	—	—	—	—	—	—	—	1,501	187.3	1.95	—	—	100
Cedar Bayou (TX)	—	—	—	—	—	—	—	—	3,469	195.1	2.00	—	—	100
Deepwater (TX)	—	—	—	—	—	—	—	—	73	187.2	1.94	—	—	100
Green Bayou (TX)	—	—	—	—	—	—	—	—	425	187.5	1.93	—	—	100
Limestone (TX)	864	83.2	10.87	.92	—	—	—	—	112	205.4	2.08	99	—	1
Parish (TX)	961	166.3	28.57	.40	—	—	—	—	327	187.5	1.94	98	—	2
Robinson (TX)	—	—	—	—	—	—	—	—	1,909	188.9	1.96	—	—	100
Webster (TX)	—	—	—	—	—	—	—	—	29	187.2	1.96	—	—	100
Wharton (TX)	—	—	—	—	—	—	—	—	1,406	187.7	1.89	—	—	100
Illinois Power Co	**681**	**113.4**	**24.85**	**2.29**	**2**	**283.3**	**16.66**	**.30**	**80**	**200.1**	**2.06**	**99**	*****	**1**
Baldwin (IL)	457	105.4	22.59	2.80	1	284.7	16.74	.30	—	—	—	100	*	—
Havana (IL)	30	140.2	32.53	.49	1	282.0	16.58	.30	—	—	—	99	1	—
Hennepin (IL)	55	113.8	26.14	2.91	—	—	—	—	7	199.5	2.06	99	—	1
Vermilion (IL)	27	112.0	23.24	1.16	—	—	—	—	11	188.1	1.94	98	—	2
Wood River (IL)	112	136.3	31.76	.67	—	—	—	—	62	202.3	2.08	98	—	2
Imperial Irrigation District	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**187**	**310.8**	**3.16**	**—**	**—**	**100**
El Centro (CA)	—	—	—	—	—	—	—	—	187	310.8	3.16	—	—	100
Independence City of	**9**	**114.6**	**25.02**	**3.38**	**—**	**—**	**—**	**—**	**5**	**293.1**	**2.95**	**97**	**—**	**3**
Blue Valley (MO)	9	114.6	25.02	3.38	—	—	—	—	5	293.1	2.95	97	—	3
Indiana & Michigan Electric Co	**985**	**112.4**	**21.85**	**.43**	**4**	**256.9**	**14.98**	**—**	**—**	**—**	**—**	**100**	*****	**—**
Rockport (IN)	822	109.0	19.93	.32	—	—	—	—	—	—	—	100	—	—
Tanners Creek (IN)	163	124.9	31.49	1.00	4	256.9	14.98	—	—	—	—	99	1	—
Indiana-Kentucky Electric Corp	**407**	**132.6**	**27.01**	**.86**	*****	**297.9**	**17.02**	**.30**	**—**	**—**	**—**	**100**	*****	**—**
Clifty Creek (IN)	407	132.6	27.01	.86	*	297.9	17.02	.30	—	—	—	100	*	—
Indianapolis Power & Light Co	**774**	**97.3**	**21.62**	**2.41**	**47**	**266.8**	**15.54**	**.04**	**—**	**—**	**—**	**98**	**2**	**—**
Petersburg (IN)	567	92.8	20.65	2.88	—	—	—	—	—	—	—	100	—	—
Pritchard (IN)	44	105.3	23.00	1.08	—	—	—	—	—	—	—	100	—	—
Stout (IN)	163	110.8	24.65	1.15	47	266.8	15.54	.04	—	—	—	93	7	—
Interstate Power Co	**30**	**130.9**	**30.69**	**.49**	**2**	**270.0**	**15.88**	**—**	*****	**361.9**	**3.62**	**99**	**1**	*****

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf			
Interstate Power Co														
Dubuque (IA)	—	—	—	—	—	—	—	—	*	361.9	3.62	—	—	100
Kapp (IA)	30	130.9	30.69	0.49	—	—	—	—	—	—	—	100	—	—
Lansing (IA)	—	—	—	—	2	270.0	15.88	—	—	—	—	—	100	—
IES Utilities	**573**	**75.5**	**12.74**	**.38**	**—**	**—**	**—**	**—**	**94**	**351.3**	**3.51**	**99**	**—**	**1**
Burlington (IA)	75	82.9	14.21	.53	—	—	—	—	2	739.7	7.40	100	—	*
Ottumwa (IA)	351	71.9	12.06	.36	—	—	—	—	—	—	—	100	—	—
Praire Creek (IA)	88	78.5	13.27	.34	—	—	—	—	4	684.5	6.84	100	—	*
Sutherland (IA)	47	67.3	11.18	.33	—	—	—	—	39	180.9	1.81	95	—	5
6th St (IA)	11	142.7	26.52	.35	—	—	—	—	48	443.8	4.44	82	—	18
Jacksonville Electric Auth	**390**	**147.4**	**35.52**	**.82**	**442**	**200.8**	**12.79**	**1.32**	**783**	**159.9**	**1.71**	**72**	**22**	**6**
Kennedy (FL)	—	—	—	—	64	210.3	13.48	.84	54	159.9	1.71	—	88	12
Northside (FL)	—	—	—	—	329	198.7	12.64	1.49	677	159.9	1.71	—	74	26
Southside (FL)	—	—	—	—	46	199.0	12.76	.84	52	159.9	1.71	—	84	16
St Johns River (FL)	390	147.4	35.52	.82	3	269.0	15.70	.35	—	—	—	100	*	—
Jamestown City of	**7**	**127.9**	**32.50**	**1.94**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Samuel A Carlson (NY)	7	127.9	32.50	1.94	—	—	—	—	—	—	—	100	—	—
Kansas City City of	**149**	**80.6**	**13.97**	**.51**	**1**	**272.3**	**15.78**	**.50**	**98**	**266.8**	**2.68**	**96**	*****	**4**
Nearman (KS)	106	70.6	11.79	.38	1	272.3	15.78	.50	—	—	—	100	*	—
Quindaro (KS)	43	102.7	19.32	.85	—	—	—	—	98	266.8	2.68	89	—	11
Kansas City Power & Light Co	**889**	**68.1**	**11.91**	**.49**	**37**	**268.8**	**15.71**	**—**	**113**	**220.0**	**2.20**	**98**	**1**	**1**
Hawthorne (MO)	71	67.7	11.92	.35	—	—	—	—	113	220.0	2.20	92	—	8
Iatan (MO)	333	58.9	10.28	.37	—	—	—	—	—	—	—	100	—	—
La Cygne (KS)	319	67.7	11.82	.71	29	260.2	15.22	—	—	—	—	97	3	—
Montrose (MO)	166	87.2	15.31	.37	8	300.0	17.48	—	—	—	—	98	2	—
Kansas Gas & Electric Co	**—**	**—**	**—**	**—**	**2**	**156.4**	**10.08**	**1.10**	**692**	**195.0**	**2.03**	**—**	**2**	**98**
Evans (KS)	—	—	—	—	—	—	—	—	548	195.0	2.04	—	—	100
Gill (KS)	—	—	—	—	2	156.4	10.08	1.10	144	195.0	1.97	—	8	92
Kansas Power & Light Co	**858**	**111.9**	**19.56**	**.41**	*****	**327.6**	**18.99**	**.25**	**45**	**207.2**	**2.11**	**100**	*****	*****
Hutchinson (KS)	—	—	—	—	—	—	—	—	12	216.4	2.29	—	—	100
Jeffrey Energy Cnt (KS)	687	113.9	19.14	.41	*	327.6	18.99	.25	—	—	—	100	*	—
Lawrence (KS)	105	105.8	21.32	.40	—	—	—	—	20	203.8	2.03	99	—	1
Tecumseh (KS)	66	103.8	21.14	.40	—	—	—	—	13	203.8	2.06	99	—	1
Kentucky Power Co	**245**	**104.8**	**25.64**	**1.19**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Big Sandy (KY)	245	104.8	25.64	1.19	—	—	—	—	—	—	—	100	—	—
Kentucky Utilities Co	**651**	**108.7**	**26.12**	**1.55**	**6**	**352.1**	**20.70**	**.40**	**—**	**—**	**—**	**100**	*****	**—**
Brown (KY)	149	112.2	26.66	1.37	—	—	—	—	—	—	—	100	—	—
Ghent (KY)	447	107.7	25.91	1.59	6	352.1	20.70	.40	—	—	—	100	*	—
Green River (KY)	42	101.7	24.20	1.98	—	—	—	—	—	—	—	100	—	—
Tyrone (KY)	13	127.0	32.96	.73	—	—	—	—	—	—	—	100	—	—
Lafayette City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**509**	**198.0**	**2.12**	**—**	**—**	**100**
Bonin (LA)	—	—	—	—	—	—	—	—	509	198.0	2.12	—	—	100
Lake Worth City of	**—**	**—**	**—**	**—**	**1**	**400.0**	**23.46**	**.14**	**138**	**210.0**	**2.22**	**—**	**4**	**96**
Tom G Smith (FL)	—	—	—	—	1	400.0	23.46	.14	138	210.0	2.22	—	4	96
Lakeland City of	**84**	**171.7**	**44.33**	**1.31**	**30**	**203.2**	**12.70**	**2.34**	**527**	**268.3**	**2.84**	**74**	**6**	**19**
Larsen Mem (FL)	—	—	—	—	—	—	—	—	255	268.3	2.84	—	—	100
Plant 3-Mcintosh (FL)	84	171.7	44.33	1.31	30	203.2	12.70	2.34	271	268.3	2.84	82	7	11
Lansing City of	**112**	**156.8**	**35.25**	**.67**	**1**	**341.0**	**19.76**	**.30**	**—**	**—**	**—**	**100**	*****	**—**
Eckert (MI)	57	148.1	29.54	.48	1	341.0	19.76	.30	—	—	—	100	*	—
Erickson (MI)	55	164.1	41.25	.87	*	341.0	19.76	.30	—	—	—	100	*	—

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf			
Long Island Lighting Co	**—**	**—**	**—**	**—**	**935**	**146.4**	**9.35**	**0.90**	**2,536**	**243.3**	**2.51**	**—**	**70**	**30**
Barrett (NY)	—	—	—	—	—	—	—	—	1,550	257.3	2.67	—	—	100
Glenwood (NY)	—	—	—	—	—	—	—	—	228	257.3	2.67	—	—	100
Northport (NY)	—	—	—	—	633	145.6	9.34	.94	667	213.0	2.16	—	86	14
Port Jefferson (NY)	—	—	—	—	302	148.0	9.37	.82	91	183.0	1.86	—	95	5
Los Angeles City of	**463**	**123.8**	**29.00**	**0.54**	**—**	**—**	**—**	**—**	**1,277**	**389.7**	**3.98**	**89**	**—**	**11**
Harbor (CA)	—	—	—	—	—	—	—	—	505	389.7	3.96	—	—	100
Haynes (CA)	—	—	—	—	—	—	—	—	318	389.7	3.98	—	—	100
Intermountain (UT)	463	123.8	29.00	.54	—	—	—	—	—	—	—	100	—	—
Scattergood (CA)	—	—	—	—	—	—	—	—	455	389.7	3.98	—	—	100
Louisiana Power & Light Co	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**10,288**	**218.5**	**2.29**	**—**	**—**	**100**
Little Gypsy (LA)	—	—	—	—	—	—	—	—	2,788	224.2	2.37	—	—	100
Nine Mile (LA)	—	—	—	—	—	—	—	—	5,825	218.5	2.29	—	—	100
Sterlington (LA)	—	—	—	—	—	—	—	—	374	194.2	2.01	—	—	100
Waterford (LA)	—	—	—	—	—	—	—	—	1,300	212.9	2.22	—	—	100
Louisville Gas & Electric Co	**470**	**93.3**	**21.75**	**3.33**	**4**	**441.7**	**25.97**	**.25**	**81**	**282.7**	**2.90**	**99**	*****	**1**
Cane Run (KY)	92	90.5	20.32	3.34	1	615.7	36.20	.25	30	282.7	2.90	98	*	1
Mill Creek (KY)	275	96.3	22.53	3.23	—	—	—	—	51	282.7	2.90	99	—	1
Trimble County (KY)	102	87.9	20.94	3.59	3	395.6	23.26	.25	—	—	—	99	1	—
Lower Colorado River Authority	**611**	**93.8**	**16.18**	**.36**	**—**	**—**	**—**	**—**	**2,814**	**177.1**	**1.80**	**79**	**—**	**21**
Gideon (TX)	—	—	—	—	—	—	—	—	1,567	154.4	1.57	—	—	100
S Seymour-Fayette (TX)	611	93.8	16.18	.36	—	—	—	—	—	—	—	100	—	—
T C Ferguson (TX)	—	—	—	—	—	—	—	—	1,248	205.7	2.09	—	—	100
Lubbock City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**299**	**173.6**	**1.76**	**—**	**—**	**100**
Holly Ave (TX)	—	—	—	—	—	—	—	—	299	173.6	1.76	—	—	100
Madison Gas & Electric Co	**15**	**133.9**	**29.00**	**1.16**	**1**	**295.2**	**17.30**	**.04**	**112**	**264.7**	**2.64**	**73**	**1**	**25**
Blount (WI)	15	133.9	29.00	1.16	1	295.2	17.30	.04	112	264.7	2.64	73	1	25
Manitowoc Public Utilities	**3**	**185.8**	**48.98**	**.79**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Manitowoc (WI)	3	185.8	48.98	.79	—	—	—	—	—	—	—	100	—	—
Marquette City of	**39**	**117.2**	**21.71**	**.35**	**1**	**345.4**	**20.02**	**—**	**—**	**—**	**—**	**99**	**1**	**—**
Shiras (MI)	39	117.2	21.71	.35	1	345.4	20.02	—	—	—	—	99	1	—
Massachusetts Mun Wholes El Co	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**529**	**218.7**	**2.24**	**—**	**—**	**100**
Stonybrook (MA)	—	—	—	—	—	—	—	—	529	218.7	2.24	—	—	100
Medina Electric Coop Inc	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**25**	**228.0**	**2.60**	**—**	**—**	**100**
Pearsall (TX)	—	—	—	—	—	—	—	—	25	228.0	2.60	—	—	100
Metropolitan Edison Co	**109**	**139.2**	**36.69**	**1.28**	**6**	**288.4**	**16.47**	**.30**	**—**	**—**	**—**	**99**	**1**	**—**
Portland (PA)	55	141.2	37.23	1.27	5	291.3	16.64	.30	—	—	—	98	2	—
Titus (PA)	54	137.2	36.13	1.30	1	276.7	15.81	.30	—	—	—	99	1	—
Michigan South Central Pwr Agy	**12**	**155.2**	**37.01**	**3.32**	**1**	**256.7**	**15.20**	**.30**	**—**	**—**	**—**	**97**	**3**	**—**
Project I (MI)	12	155.2	37.01	3.32	1	256.7	15.20	.30	—	—	—	97	3	—
MidAmerican Energy	**996**	**76.9**	**13.02**	**.36**	**4**	**255.1**	**14.57**	**—**	**53**	**307.7**	**3.13**	**100**	*****	*****
Council Bluffs (IA)	261	66.9	11.25	.40	—	—	—	—	2	401.4	4.02	100	—	*
George Neal 1-4 (IA)	508	75.6	12.83	.36	4	255.1	14.57	—	12	406.4	4.10	100	*	*
Louisa (IA)	161	91.6	15.46	.33	—	—	—	—	21	183.7	1.89	99	—	1
Riverside (IA)	66	89.8	15.47	.26	—	—	—	—	19	376.3	3.80	98	—	2
Minnesota Power & Light Co	**446**	**115.4**	**21.18**	**.50**	**3**	**279.9**	**16.11**	**.20**	**—**	**—**	**—**	**100**	*****	**—**
Boswell Energy Center (MN)	434	115.9	21.25	.50	3	276.0	15.88	.20	—	—	—	100	*	—
Laskin Energy Center (MN)	12	99.1	18.58	.37	*	344.2	19.80	.20	—	—	—	100	*	—
Minnkota Power Coop Inc	**404**	**60.8**	**7.99**	**.88**	**3**	**271.4**	**15.96**	**.40**	**—**	**—**	**—**	**100**	*****	**—**
Young (ND)	404	60.8	7.99	.88	3	271.4	15.96	.40	—	—	—	100	*	—

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf			
Mississippi Power & Light Co	**—**	**—**	**—**	**—**	**704**	**176.4**	**11.72**	**2.98**	**882**	**173.5**	**1.78**	**—**	**84**	**16**
Brown (MS)	—	—	—	—	*	306.1	18.10	.50	296	159.6	1.64	—	*	100
Delta (MS)	—	—	—	—	—	—	—	—	56	218.6	2.25	—	—	100
Gerald Andrus (MS)	—	—	—	—	366	178.2	11.82	2.96	22	245.1	2.54	—	99	1
Wilson (MS)	—	—	—	—	338	174.5	11.62	3.00	508	173.4	1.79	—	81	19
Mississippi Power Co	**359**	**147.0**	**30.69**	**0.75**	**2**	**278.1**	**16.13**	**.35**	**542**	**187.4**	**1.97**	**93**	*****	**7**
Daniel (MS)	177	156.1	29.46	.37	2	278.1	16.13	.35	—	—	—	100	*	—
Sweatt (MS)	—	—	—	—	—	—	—	—	38	150.9	1.56	—	—	100
Watson (MS)	181	139.7	31.90	1.12	—	—	—	—	504	190.1	2.01	89	—	11
Monongahela Power Co	**1,054**	**111.0**	**27.74**	**2.98**	**2**	**321.0**	**19.01**	**.30**	**65**	**302.2**	**3.02**	**100**	*****	*****
Albright (WV)	21	105.4	26.53	1.52	*	311.8	18.46	.30	—	—	—	100	*	—
Ft Martin (WV)	258	124.8	31.29	1.50	1	323.2	19.14	.30	—	—	—	100	*	—
Harrison (WV)	439	115.4	28.94	3.61	*	307.4	18.20	.30	18	939.4	9.39	100	*	*
Pleasants (WV)	278	91.3	22.42	3.84	*	334.3	19.80	.30	46	46.9	.47	99	*	1
Rivesville (WV)	8	120.0	29.51	.95	—	—	—	—	—	—	—	100	—	—
Willow Island (WV)	50	108.8	28.68	1.29	—	—	—	—	2	467.1	4.67	100	—	*
Montana Power Co	**1,030**	**67.6**	**11.42**	**.76**	**2**	**449.4**	**26.61**	**—**	**33**	**136.4**	**1.42**	**100**	*****	*****
Colstrip (MT)	979	68.3	11.53	.79	2	449.4	26.61	—	—	—	—	100	*	—
Corette (MT)	51	55.0	9.14	.23	—	—	—	—	33	136.4	1.42	96	—	4
Montana-Dakota Utilities Co	**303**	**86.4**	**12.02**	**1.11**	**—**	**—**	**—**	**—**	**1**	**315.1**	**3.69**	**100**	**—**	*****
Coyote (ND)	232	81.4	11.34	1.23	—	—	—	—	—	—	—	100	—	—
Heskett (ND)	45	109.1	15.44	.82	—	—	—	—	—	—	—	100	—	—
Lewis and Clark (MT)	26	91.2	12.20	.49	—	—	—	—	1	315.1	3.69	100	—	*
Montaup Electric Co	**29**	**175.5**	**44.89**	**.72**	**77**	**167.7**	**10.59**	**.93**	**—**	**—**	**—**	**61**	**39**	**—**
Somerset (MA)	29	175.5	44.89	.72	77	167.7	10.59	.93	—	—	—	61	39	—
Morgan City City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**56**	**198.0**	**2.12**	**—**	**—**	**100**
Morgan City (LA)	—	—	—	—	—	—	—	—	56	198.0	2.12	—	—	100
Muscatine City of	**68**	**75.7**	**12.81**	**.47**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Muscatine (IA)	68	75.7	12.81	.47	—	—	—	—	—	—	—	100	—	—
Nebraska Public Power District	**475**	**48.8**	**8.41**	**.24**	*****	**347.3**	**20.15**	**—**	**13**	**421.7**	**4.22**	**100**	*****	*****
Gerald Gentleman (NE)	417	47.0	8.09	.24	*	347.3	20.15	—	12	413.2	4.13	100	*	*
Sheldon (NE)	59	61.4	10.67	.20	—	—	—	—	1	503.5	5.03	100	—	*
Nevada Power Co	**168**	**102.9**	**24.10**	**.50**	**3**	**313.9**	**18.34**	**.30**	**2,026**	**246.0**	**2.56**	**65**	*****	**35**
Clark (NV)	—	—	—	—	—	—	—	—	2,026	246.0	2.56	—	—	100
Gardner (NV)	168	102.9	24.10	.50	3	313.9	18.34	.30	—	—	—	100	*	—
New Orleans Public Service Inc	**—**	**—**	**—**	**—**	**83**	**199.1**	**13.10**	**1.50**	**1,990**	**198.2**	**2.08**	**—**	**21**	**79**
Michoud (LA)	—	—	—	—	83	199.1	13.10	1.50	1,990	198.2	2.08	—	21	79
New York State Elec & Gas Corp	**309**	**134.4**	**34.64**	**2.31**	**4**	**386.0**	**22.21**	**.14**	**—**	**—**	**—**	**100**	*****	**—**
Goudey (NY)	38	138.5	36.28	2.22	—	—	—	—	—	—	—	100	—	—
Greenidge (NY)	37	135.8	36.21	1.57	1	389.1	22.39	.14	—	—	—	99	1	—
Hickling (NY)	27	129.0	27.29	.65	—	—	—	—	—	—	—	100	—	—
Jennison (NY)	4	162.7	42.64	1.48	—	—	—	—	—	—	—	100	—	—
Kintigh (NY)	114	131.7	34.44	2.68	3	383.9	22.09	.14	—	—	—	100	*	—
Milliken (NY)	90	135.4	35.37	2.73	*	393.4	22.64	.14	—	—	—	100	*	—
Niagara Mohawk Power Corp	**245**	**136.0**	**35.69**	**1.84**	**426**	**211.6**	**13.38**	**.81**	**877**	**225.1**	**2.31**	**64**	**27**	**9**
Albany (NY)	—	—	—	—	241	177.4	11.30	.96	793	222.6	2.28	—	65	35
Dunkirk (NY)	137	131.5	34.57	2.15	1	264.2	14.63	.35	—	—	—	100	*	—
Huntley (NY)	108	141.6	37.11	1.46	*	307.3	17.10	.43	—	—	—	100	*	—
Oswego (NY)	—	—	—	—	184	256.6	16.08	.62	84	248.7	2.53	—	93	7
Northern Indiana Pub Serv Co	**769**	**131.7**	**26.85**	**1.38**	**—**	**—**	**—**	**—**	**69**	**313.9**	**3.22**	**100**	**—**	*****
Bailly (IN)	190	140.9	31.06	2.43	—	—	—	—	3	482.8	4.96	100	—	*

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf			
Northern Indiana Pub Serv Co														
Michigan City (IN)	80	142.5	27.38	0.47	—	—	—	—	3	420.5	4.32	100	—	*
Mitchell (IN)	116	136.2	24.41	.36	—	—	—	—	32	331.9	3.41	98	—	2
Rollin Schahfer (IN)	383	123.4	25.38	1.35	—	—	—	—	31	271.4	2.79	100	—	*
Northern States Power Co	**1,122**	**87.2**	**15.43**	**.39**	**—**	**—**	**—**	**—**	**79**	**272.6**	**2.77**	**100**	**—**	*****
Bay Front (WI)	9	167.5	39.82	.65	—	—	—	—	62	271.0	2.75	77	—	23
Black Dog (MN)	72	84.6	14.93	.18	—	—	—	—	3	269.3	2.74	100	—	*
High Bridge (MN)	95	84.2	14.85	.21	—	—	—	—	12	283.6	2.90	99	—	1
King (MN)	112	103.8	18.34	.39	—	—	—	—	1	248.8	2.55	100	—	*
Riverside (MN)	137	82.4	14.58	.20	—	—	—	—	—	—	—	100	—	—
Sherburne County (MN)	697	84.8	14.95	.47	—	—	—	—	—	—	—	100	—	—
Ohio Edison Co	**547**	**116.6**	**28.41**	**1.58**	**4**	**212.7**	**12.33**	**0.34**	**—**	**—**	**—**	**100**	*****	**—**
Burger (OH)	53	104.6	26.22	2.57	*	351.6	20.41	.26	—	—	—	100	*	—
Niles (OH)	54	106.6	25.35	3.50	2	71.6	4.16	.37	—	—	—	99	1	—
Sammis (OH)	440	119.3	29.04	1.23	2	319.5	18.48	.33	—	—	—	100	*	—
Ohio Power Co	**1,101**	**168.9**	**39.96**	**2.55**	**2**	**302.9**	**17.61**	**—**	**—**	**—**	**—**	**100**	*****	**—**
Gavin (OH)	406	216.3	48.30	3.31	—	—	—	—	—	—	—	100	—	—
Kammer (WV)	124	86.4	21.37	3.27	1	310.5	18.20	—	—	—	—	100	*	—
Mitchell (WV)	272	142.5	35.57	.83	—	—	—	—	—	—	—	100	—	—
Muskingum (OH)	300	169.0	40.32	2.78	1	298.8	17.29	—	—	—	—	100	*	—
Ohio Valley Electric Corp	**253**	**105.8**	**27.32**	**2.63**	**1**	**341.9**	**19.53**	**.30**	**—**	**—**	**—**	**100**	*****	**—**
Kyger Creek (OH)	253	105.8	27.32	2.63	1	341.9	19.53	.30	—	—	—	100	*	—
Oklahoma Gas & Electric Co	**743**	**78.8**	**13.62**	**.31**	**—**	**—**	**—**	**—**	**8,046**	**213.3**	**2.21**	**61**	**—**	**39**
Horseshoe Lake (OK)	—	—	—	—	—	—	—	—	1,241	213.3	2.21	—	—	100
Muskogee (OK)	414	78.7	13.50	.27	—	—	—	—	79	213.3	2.21	99	—	1
Mustang (OK)	—	—	—	—	—	—	—	—	1	213.3	2.21	—	—	100
Seminole (OK)	—	—	—	—	—	—	—	—	6,725	213.3	2.21	—	—	100
Sooner (OK)	330	79.0	13.78	.35	—	—	—	—	—	—	—	100	—	—
Omaha Public Power District	**416**	**67.8**	**11.55**	**.27**	**—**	**—**	**—**	**—**	**20**	**235.8**	**2.32**	**100**	**—**	*****
Nebraska City (NE)	225	68.5	11.83	.21	—	—	—	—	—	—	—	100	—	—
North Omaha (NE)	192	67.0	11.23	.35	—	—	—	—	20	235.8	2.32	99	—	1
Orange & Rockland Utils Inc	**66**	**179.6**	**47.39**	**.64**	**450**	**172.3**	**10.76**	**.31**	**2,231**	**194.1**	**2.01**	**25**	**41**	**34**
Bowline (NY)	—	—	—	—	450	172.3	10.76	.31	1,715	196.2	2.03	—	61	39
Lovett (NY)	66	179.6	47.39	.64	—	—	—	—	516	187.1	1.94	76	—	24
Orlando Utilities Comm	**150**	**165.3**	**42.46**	**1.12**	**3**	**235.6**	**15.09**	**1.00**	**347**	**256.7**	**2.71**	**91**	*****	**9**
Indian River (FL)	—	—	—	—	—	—	—	—	347	256.7	2.71	—	—	100
Stanton Energy (FL)	150	165.3	42.46	1.12	3	235.6	15.09	1.00	—	—	—	99	1	—
Orrville City of	**14**	**97.8**	**22.87**	**3.38**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Orrville (OH)	14	97.8	22.87	3.38	—	—	—	—	—	—	—	100	—	—
Otter Tail Power Co	**221**	**98.2**	**17.40**	**.57**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Big Stone (SD)	183	92.6	16.23	.61	—	—	—	—	—	—	—	100	—	—
Hoot Lake (MN)	38	123.4	23.07	.36	—	—	—	—	—	—	—	100	—	—
Owensboro City of	**93**	**95.5**	**20.56**	**3.10**	*****	**245.7**	**14.45**	**—**	**—**	**—**	**—**	**100**	*****	**—**
Smith (KY)	93	95.5	20.56	3.10	*	245.7	14.45	—	—	—	—	100	*	—
Pacific Gas & Electric Co	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**9,929**	**286.9**	**2.96**	**—**	**—**	**100**
Contra Costa (CA)	—	—	—	—	—	—	—	—	2,069	286.9	2.95	—	—	100
Humboldt Bay (CA)	—	—	—	—	—	—	—	—	277	286.9	2.95	—	—	100
Hunters Point (CA)	—	—	—	—	—	—	—	—	1,203	286.9	2.93	—	—	100
Pittsburg (CA)	—	—	—	—	—	—	—	—	5,351	286.9	2.97	—	—	100
Potrero (CA)	—	—	—	—	—	—	—	—	1,029	286.9	2.93	—	—	100
PacifiCorp	**2,990**	**96.4**	**18.43**	**.54**	**6**	**433.5**	**25.49**	**.30**	**283**	[2] **247.5**	**2.59**	**99**	*****	**1**

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas				% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]			Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf				
PacifiCorp															
Carbon (UT)	42	65.7	16.24	0.48	—	—	—	—	—	—	—	—	100	—	—
Centralia (WA)	485	123.5	20.35	.59	1	385.7	22.68	0.30	—	—	—	—	100	*	—
Emery-Hunter (UT)	490	56.3	12.52	.45	—	—	—	—	—	—	—	—	100	—	—
Gadsby (UT)	—	—	—	—	—	—	—	—	279	233.8	2.45	—	—	—	100
Huntington (UT)	327	34.7	7.94	.43	1	448.2	26.35	.30	—	—	—	—	100	*	—
Jim Bridger (WY)	817	158.0	29.81	.55	4	441.8	25.98	.30	—	—	—	—	100	*	—
Johnston (WY)	379	49.4	7.84	.48	—	—	—	—	—	—	—	—	100	—	—
Naughton (WY)	273	117.5	23.53	.76	—	—	—	—	5 [2]	1,071.2	11.18	100	—	*	
Wyodak (WY)	177	73.1	11.75	.63	—	—	—	—	—	—	—	—	100	—	—
Painesville City of	**9**	**128.3**	**32.48**	**2.33**	**—**	**—**	**—**	**—**	**1**	**438.7**	**4.39**	**100**	**—**	*****	
Painesville (OH)	9	128.3	32.48	2.33	—	—	—	—	1	438.7	4.39	100	—	*	
Pasadena City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**191**	**293.8**	**3.00**	**—**	**—**	**100**	
Broadway (CA)	—	—	—	—	—	—	—	—	191	293.8	3.00	—	—	100	
Pennsylvania Electric Co	**1,476**	**110.2**	**26.54**	**2.19**	**240**	**282.6**	**16.48**	**.05**	**1**	**463.5**	**4.80**	**96**	**4**	*****	
Conemaugh (PA)	408	106.3	27.08	2.45	—	—	—	—	1	463.5	4.80	100	—	*	
Homer City (PA)	580	117.1	26.45	2.36	70	301.5	17.58	.05	—	—	—	97	3	—	
Keystone (PA)	307	101.5	25.17	1.80	—	—	—	—	—	—	—	100	—	—	
Seward (PA)	49	110.0	26.99	1.64	22	265.5	15.48	.05	—	—	—	90	10	—	
Shawville (PA)	120	114.2	27.95	1.79	66	282.0	16.44	.05	—	—	—	89	11	—	
Warren (PA)	12	122.1	30.89	1.74	83	271.8	15.84	.05	—	—	—	40	60	—	
Pennsylvania Power & Light Co	**700**	**141.9**	**36.28**	**1.70**	**7**	**275.2**	**16.03**	**.09**	**74**	**816.9**	**8.45**	**99**	*****	*****	
Brunner Island (PA)	310	150.8	39.25	1.48	—	—	—	—	—	—	—	100	—	—	
Holtwood (PA)	6	135.0	29.14	1.15	—	—	—	—	—	—	—	100	—	—	
Martins Creek (PA)	30	73.7	19.45	1.79	—	—	—	—	74	816.9	8.45	91	—	9	
Montour (PA)	308	142.4	36.03	1.97	6	277.6	16.17	.08	—	—	—	100	*	—	
Sunbury (PA)	46	123.9	29.78	1.40	1	260.8	15.18	.13	—	—	—	99	1	—	
Pennsylvania Power Co	**578**	**153.8**	**37.11**	**3.24**	*****	**318.7**	**18.52**	**.04**	**—**	**—**	**—**	**100**	*****	**—**	
Bruce Mansfield (PA)	521	158.2	38.15	3.41	—	—	—	—	—	—	—	100	—	—	
New Castle (PA)	58	114.7	27.74	1.69	*	318.7	18.52	.04	—	—	—	100	*	—	
Philadelphia Electric Co	**117**	**142.3**	**38.06**	**1.58**	**333**	**188.7**	**11.84**	**.44**	**93**	**212.3**	**2.20**	**59**	**39**	**2**	
Cromby (PA)	35	141.2	37.70	1.58	67	190.2	12.16	.55	20	212.3	2.20	68	31	2	
Eddystone (PA)	82	142.8	38.21	1.58	266	188.3	11.76	.42	72	212.3	2.20	56	42	2	
Plains Elec Gen&Trans Coop Inc	**109**	**133.6**	**24.59**	**.88**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**	
Escalante (NM)	109	133.6	24.59	.88	—	—	—	—	—	—	—	100	—	—	
Platte River Power Authority	**102**	**59.9**	**10.59**	**.29**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**	
Rawhide (CO)	102	59.9	10.59	.29	—	—	—	—	—	—	—	100	—	—	
Portland General Electric Co	**193**	**108.9**	**18.37**	**.32**	**6**	**331.9**	**19.52**	**.05**	**3,379**	**190.4**	**1.92**	**49**	**1**	**51**	
Beaver (OR)	—	—	—	—	—	—	—	—	2,245	200.2	2.02	—	—	100	
Boardman (OR)	193	108.9	18.37	.32	—	—	—	—	—	—	—	100	—	—	
Coyote Springs (OR)	—	—	—	—	6	331.9	19.52	.05	1,133	170.8	1.73	—	3	97	
Potomac Edison Co	**13**	**128.4**	**31.54**	**.97**	*****	**321.1**	**19.02**	**.30**	**—**	**—**	**—**	**100**	*****	**—**	
Smith (MD)	13	128.4	31.54	.97	*	321.1	19.02	.30	—	—	—	100	*	—	
Potomac Electric Power Co	**477**	**154.5**	**40.40**	**1.35**	**215**	**215.2**	**13.54**	**.67**	**178**	**288.7**	**3.01**	**89**	**10**	**1**	
Chalk (MD)	69	172.8	45.43	1.47	215	215.2	13.54	.67	178	288.7	3.01	54	40	6	
Dickerson (MD)	79	132.7	34.75	1.42	—	—	—	—	—	—	—	100	—	—	
Morgantown (MD)	254	156.8	40.94	1.45	—	—	—	—	—	—	—	100	—	—	
Potomac River (VA)	75	152.6	39.89	.84	—	—	—	—	—	—	—	100	—	—	
Power Authority of State of NY	**—**	**—**	**—**	**—**	**399**	**176.9**	**11.01**	**.26**	**777**	**460.1**	**4.66**	**—**	**76**	**24**	
Poletti (NY)	—	—	—	—	399	176.9	11.01	.26	20	201.0	2.09	—	99	1	
Richard Flynn (NY)	—	—	—	—	—	—	—	—	757	467.0	4.73	—	—	100	

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf			
Public Service Co of Colorado	**813**	**90.2**	**17.31**	**0.39**	**—**	**—**	**—**	**—**	**577**	**336.1**	**3.32**	**96**	**—**	**4**
Arapahoe (CO)	63	84.3	14.46	.29	—	—	—	—	263	350.0	3.46	81	—	19
Cameo (CO)	23	98.9	21.17	.57	—	—	—	—	2	315.0	3.12	100	—	*
Cherokee (CO)	154	92.5	21.02	.46	—	—	—	—	118	372.0	3.68	97	—	3
Comanche (CO)	168	80.0	13.73	.27	—	—	—	—	17	315.0	3.13	99	—	1
Hayden (CO)	126	104.7	22.22	.42	—	—	—	—	—	—	—	100	—	—
Pawnee (CO)	236	81.3	13.73	.39	—	—	—	—	1	312.0	3.27	100	—	*
Valmont (CO)	43	111.1	25.42	.47	—	—	—	—	23	348.0	3.43	98	—	2
Zuni (CO)	—	—	—	—	—	—	—	—	153	285.0	2.81	—	—	100
Public Service Co of NH	**121**	**160.6**	**42.26**	**1.38**	**290**	**141.9**	**9.10**	**1.43**	**—**	**—**	**—**	**63**	**37**	**—**
Merrimack (NH)	82	165.5	43.79	1.73	*	312.6	18.09	.27	—	—	—	100	*	—
Newington Station (NH)	—	—	—	—	290	141.8	9.10	1.43	—	—	—	—	100	—
Schiller (NH)	39	150.0	39.03	.64	—	—	—	—	—	—	—	100	—	—
Public Service Co of NM	**611**	**163.7**	**29.89**	**.84**	**14**	**440.4**	**25.16**	**1.00**	**114**	**352.9**	**3.59**	**98**	**1**	**1**
Reeves (NM)	—	—	—	—	—	—	—	—	114	352.9	3.59	—	—	100
San Juan (NM)	611	163.7	29.89	.84	14	440.4	25.16	1.00	—	—	—	99	1	—
Public Service Co of Oklahoma	**419**	**96.5**	**17.02**	**.19**	**—**	**—**	**—**	**—**	**4,514**	**230.7**	**2.41**	**61**	**—**	**39**
Comanche (CS) (OK)	—	—	—	—	—	—	—	—	1,299	243.9	2.57	—	—	100
Northeastern (OK)	419	96.5	17.02	.19	—	—	—	—	781	228.1	2.33	90	—	10
Riverside (OK)	—	—	—	—	—	—	—	—	1,577	227.3	2.37	—	—	100
Southwestern (OK)	—	—	—	—	—	—	—	—	857	219.3	2.30	—	—	100
Public Service Electric&Gas Co	**199**	**140.0**	**36.52**	**.82**	**1**	**258.8**	**15.53**	**.30**	**484**	**234.3**	**2.44**	**91**	*****	**9**
Bergen (NJ)	—	—	—	—	—	—	—	—	248	234.3	2.46	—	—	100
Burlington (NJ)	—	—	—	—	—	—	—	—	8	234.3	2.46	—	—	100
Hudson (NJ)	99	139.3	35.04	.93	—	—	—	—	195	234.3	2.41	93	—	7
Linden (NJ)	—	—	—	—	1	258.8	15.53	.30	—	—	—	—	100	—
Mercer (NJ)	99	140.6	38.00	.70	—	—	—	—	14	234.3	2.46	99	—	1
Sewaren (NJ)	—	—	—	—	—	—	—	—	19	234.3	2.44	—	—	100
PSI Energy Inc	**1,281**	**108.5**	**24.17**	**1.87**	**87**	**285.5**	**16.43**	**.30**	**—**	**—**	**—**	**98**	**2**	**—**
Cayuga (IN)	224	106.5	23.37	1.45	—	—	—	—	—	—	—	100	—	—
Edwardsport (IN)	33	91.5	20.06	1.92	*	114.1	6.57	.30	—	—	—	100	*	—
Gallagher (IN)	107	106.4	27.67	2.07	5	273.6	15.74	.30	—	—	—	99	1	—
Gibson Station (IN)	757	110.3	24.22	1.93	4	271.4	15.62	.30	—	—	—	100	*	—
Noblesville (IN)	14	108.3	24.69	2.12	1	277.9	15.99	.30	—	—	—	99	1	—
Wabash River (IN)	146	107.8	23.48	2.06	76	288.0	16.57	.30	—	—	—	88	12	—
Richmond City of	**31**	**128.7**	**30.83**	**2.59**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Whitewater (IN)	31	128.7	30.83	2.59	—	—	—	—	—	—	—	100	—	—
Rochester City of	**4**	**151.7**	**33.22**	**1.09**	**—**	**—**	**—**	**—**	**7**	[2] **460.9**	**4.73**	**93**	**—**	**7**
Silver Lake (MN)	4	151.7	33.22	1.09	—	—	—	—	7	[2] 460.9	4.73	93	—	7
Rochester Gas & Electric Corp	**56**	**149.1**	**38.94**	**2.25**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Beebee Station 3 (NY)	12	155.1	39.06	1.89	—	—	—	—	—	—	—	100	—	—
Russell Station 7 (NY)	43	147.5	38.91	2.35	—	—	—	—	—	—	—	100	—	—
Ruston City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**120**	**189.6**	**1.97**	**—**	**—**	**100**
Steam Plant (LA)	—	—	—	—	—	—	—	—	120	189.6	1.97	—	—	100
S Mississippi Elec Pwr Assn	**117**	**171.4**	**42.05**	**.98**	**—**	**—**	**—**	**—**	**673**	**215.0**	**2.22**	**81**	**—**	**19**
Moselle (MS)	—	—	—	—	—	—	—	—	673	215.0	2.22	—	—	100
R D Morrow (MS)	117	171.4	42.05	.98	—	—	—	—	—	—	—	100	—	—
Sacramento Municipal Utility	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**2,075**	**228.4**	**2.28**	**—**	**—**	**100**
Central Valley (CA)	—	—	—	—	—	—	—	—	408	224.7	2.25	—	—	100
SCA Cogen Proj (CA)	—	—	—	—	—	—	—	—	771	230.7	2.31	—	—	100
SPA Cogen Proj (CA)	—	—	—	—	—	—	—	—	896	228.2	2.28	—	—	100
Salt River Proj Ag I & P Dist	**821**	**146.5**	**31.08**	**.49**	**4**	**418.6**	**24.97**	**.38**	**1,746**	**228.4**	**2.32**	**91**	*****	**9**

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf			
Salt River Proj Ag I & P Dist														
Agua Fria (AZ)	—	—	—	—	—	—	—	—	880	227.9	2.31	—	—	100
Coronado (AZ)	218	195.7	38.12	0.42	4	418.6	24.97	0.38	—	—	—	99	1	—
Kyrene (AZ)	—	—	—	—	—	—	—	—	50	351.9	3.60	—	—	100
Navajo (AZ)	603	130.6	28.53	.51	—	—	—	—	—	—	—	100	—	—
Santan (AZ)	—	—	—	—	—	—	—	—	817	221.5	2.26	—	—	100
San Antonio City of	**456**	**92.6**	**15.54**	**.35**	**—**	**—**	**—**	**—**	**775**	**194.0**	**1.97**	**91**	**—**	**9**
Braunig (TX)	—	—	—	—	—	—	—	—	412	194.0	1.95	—	—	100
JT Deely/Spruce (TX)	456	92.6	15.54	.35	—	—	—	—	2	194.0	1.97	100	—	*
Sommers (TX)	—	—	—	—	—	—	—	—	321	194.0	1.98	—	—	100
Tuttle (TX)	—	—	—	—	—	—	—	—	40	194.0	1.96	—	—	100
San Diego Gas & Electric Co	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**3,337**	**293.4**	**2.99**	**—**	**—**	**100**
Encina (CA)	—	—	—	—	—	—	—	—	1,796	291.1	2.96	—	—	100
South Bay (CA)	—	—	—	—	—	—	—	—	1,541	296.0	3.01	—	—	100
San Miguel Electric Coop Inc	**340**	**67.0**	**7.04**	**1.73**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
San Miquel (TX)	340	67.0	7.04	1.73	—	—	—	—	—	—	—	100	—	—
Savannah Electric & Power Co	**42**	**142.9**	**30.19**	**.92**	*****	**286.3**	**16.59**	**.50**	**14**	**206.2**	**2.11**	**98**	*****	**2**
Kraft (GA)	—	—	—	—	—	—	—	—	14	206.2	2.11	—	—	100
McIntosh (GA)	42	142.9	30.19	.92	*	286.3	16.59	.50	—	—	—	100	*	—
Seminole Electric Coop Inc	**260**	**173.5**	**43.45**	**3.16**	**3**	**274.2**	**15.96**	**.15**	**—**	**—**	**—**	**100**	*****	**—**
Seminole (FL)	260	173.5	43.45	3.16	3	274.2	15.96	.15	—	—	—	100	*	—
Sierra Pacific Power Co	**109**	**149.4**	**34.64**	**.49**	**—**	**—**	**—**	**—**	**2,161**	**142.1**	**1.49**	**53**	**—**	**47**
Fort Churchill (NV)	—	—	—	—	—	—	—	—	687	142.1	1.52	—	—	100
North Valmy (NV)	109	149.4	34.64	.49	—	—	—	—	—	—	—	100	—	—
Pinon Pine (NV)	—	—	—	—	—	—	—	—	524	142.1	1.47	—	—	100
Tracy (NV)	—	—	—	—	—	—	—	—	950	142.1	1.47	—	—	100
Sikeston City of	**119**	**98.2**	**17.20**	**.36**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Sikeston (MO)	119	98.2	17.20	.36	—	—	—	—	—	—	—	100	—	—
South Carolina Electric&Gas Co	**475**	**155.7**	**39.75**	**1.16**	**18**	**275.7**	**16.01**	**.20**	**3**	**395.3**	**4.05**	**99**	**1**	*****
Canadys (SC)	105	156.0	39.95	1.26	—	—	—	—	1	521.1	5.34	100	—	*
Cope (SC)	85	155.3	39.44	1.17	—	—	—	—	—	—	—	100	—	—
Mcmeekin (SC)	56	151.5	39.79	1.31	—	—	—	—	—	—	—	100	—	—
Urguhart (SC)	38	149.9	38.28	1.30	—	—	—	—	2	350.1	3.59	100	—	*
Wateree (SC)	110	154.3	38.35	1.28	10	284.9	16.57	.20	—	—	—	98	2	—
Williams (SC)	81	163.0	42.37	.70	8	264.0	15.30	.20	*	424.9	4.35	98	2	*
South Carolina Pub Serv Auth	**547**	**134.7**	**34.53**	**1.18**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Cross (SC)	274	134.0	34.17	1.08	—	—	—	—	—	—	—	100	—	—
Grainger (SC)	9	152.3	39.52	1.96	—	—	—	—	—	—	—	100	—	—
Jefferies (SC)	60	132.9	35.17	1.74	—	—	—	—	—	—	—	100	—	—
Winyah (SC)	204	135.4	34.62	1.10	—	—	—	—	—	—	—	100	—	—
Southern California Edison Co	**475**	**112.9**	**24.62**	**.53**	**32**	**223.9**	**13.62**	**—**	**4**	**942.9**	**9.81**	**98**	**2**	*****
Mohave (NV)	475	112.9	24.62	.53	—	—	—	—	4	942.9	9.81	100	—	*
Storage Facility #1	—	—	—	—	32	223.9	13.62	—	—	—	—	—	100	—
Southern Illinois Power Coop	**57**	**105.9**	**24.69**	**3.24**	**1**	**272.5**	**15.53**	**—**	**—**	**—**	**—**	**100**	*****	**—**
Marion (IL)	57	105.9	24.69	3.24	1	272.5	15.53	—	—	—	—	100	*	—
Southern Indiana Gas & Elec Co	**203**	**92.3**	**21.09**	**3.66**	**—**	**—**	**—**	**—**	**38**	**347.0**	**3.60**	**99**	**—**	**1**
A B Brown (IN)	82	92.4	21.13	3.87	—	—	—	—	20	293.6	3.05	99	—	1
Culley (IN)	102	92.0	21.16	3.72	—	—	—	—	4	320.4	3.33	100	—	*
Warrick (IN)	19	93.4	20.57	2.45	—	—	—	—	14	433.6	4.50	97	—	3
Southwestern Electric Power Co	**1,026**	**129.6**	**20.81**	**.74**	**—**	**—**	**—**	**—**	**1,691**	**194.6**	**2.03**	**90**	**—**	**10**
Arsenal Hill (LA)	—	—	—	—	—	—	—	—	114	201.1	2.74	—	—	100

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf			
Southwestern Electric Power Co														
Flint Creek (AR)	295	158.9	26.87	0.40	—	—	—	—	—	—	—	100	—	—
Knox Lee (TX)	—	—	—	—	—	—	—	—	296	206.8	2.13	—	—	100
Lieberman (LA)	—	—	—	—	—	—	—	—	94	195.6	2.00	—	—	100
Pirkey (TX)	284	125.4	17.02	1.55	—	—	—	—	27	191.9	1.92	99	—	1
Welsh Station (TX)	447	112.5	19.22	.45	—	—	—	—	—	—	—	100	—	—
Wilkes (TX)	—	—	—	—	—	—	—	—	1,159	190.6	1.94	—	—	100
Southwestern Public Service Co	**699**	**108.5**	**19.35**	**.38**	**—**	**—**	**—**	**—**	**4,674**	**198.8**	**2.00**	**73**	**—**	**27**
Cunningham (NM)	—	—	—	—	—	—	—	—	1,285	199.4	2.02	—	—	100
Harrington (TX)	400	101.4	18.54	.39	—	—	—	—	7	259.0	2.58	100	—	*
Jones (TX)	—	—	—	—	—	—	—	—	898	197.7	2.00	—	—	100
Maddox (NM)	—	—	—	—	—	—	—	—	681	205.7	2.07	—	—	100
Nichols (TX)	—	—	—	—	—	—	—	—	889	196.4	1.93	—	—	100
Plant X (TX)	—	—	—	—	—	—	—	—	908	195.0	1.97	—	—	100
Tolk (TX)	299	118.6	20.43	.36	—	—	—	—	6	259.0	2.68	100	—	*
Springfield City of	**145**	**106.6**	**18.68**	**.39**	**—**	**—**	**—**	**—**	**54**	**215.9**	**2.19**	**98**	**—**	**2**
James River (MO)	59	109.5	19.21	.41	—	—	—	—	8	211.4	2.14	99	—	1
Southwest (MO)	86	104.6	18.32	.38	—	—	—	—	46	216.7	2.19	97	—	3
Springfield City of	**103**	**120.1**	**24.92**	**2.68**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Dallman (IL)	99	120.1	24.93	2.66	—	—	—	—	—	—	—	100	—	—
Lakeside (IL)	3	119.1	24.83	3.12	—	—	—	—	—	—	—	100	—	—
St Joseph Light & Power Co	**36**	**93.0**	**17.78**	**.36**	*****	**301.0**	**17.45**	**0.05**	**68**	**281.1**	**2.81**	**91**	*****	**9**
Lakeroad (MO)	36	93.0	17.78	.36	*	301.0	17.45	.05	68	281.1	2.81	91	*	9
Sunflower Electric Coop Inc	**144**	**108.0**	**18.24**	**.31**	**—**	**—**	**—**	**—**	**10**	**226.0**	**2.23**	**100**	**—**	*****
Holcomb (KS)	144	108.0	18.24	.31	—	—	—	—	10	226.0	2.23	100	—	*
Tallahassee City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**1,270**	**282.0**	**2.99**	**—**	**—**	**100**
Hopkins (FL)	—	—	—	—	—	—	—	—	1,227	282.0	2.99	—	—	100
Purdom (FL)	—	—	—	—	—	—	—	—	43	282.0	2.98	—	—	100
Tampa Electric Co[6]	**894**	**144.0**	**32.75**	**2.15**	**46**	**279.2**	**16.20**	**.04**	**—**	**—**	**—**	**99**	**1**	**—**
Big Bend (FL)	—	—	—	—	4	270.8	15.70	.04	—	—	—	—	100	—
Davant Transfer (LA)	860	139.4	31.54	2.19	—	—	—	—	—	—	—	100	—	—
Gannon (FL)	34	249.1	63.52	1.13	2	269.2	15.60	.20	—	—	—	99	1	—
Hookers Point (FL)	—	—	—	—	*	270.1	15.65	.20	—	—	—	—	100	—
Polk Station (FL)	—	—	—	—	40	280.5	16.27	.03	—	—	—	—	100	—
Taunton City of	**—**	**—**	**—**	**—**	**23**	**187.7**	**11.97**	**1.00**	**—**	**—**	**—**	**—**	**100**	**—**
Cleary (MA)	—	—	—	—	23	187.7	11.97	1.00	—	—	—	—	100	—
Tennessee Valley Authority[7]	**3,719**	**112.7**	**26.21**	**2.00**	**40**	**275.7**	**16.20**	**.50**	**—**	**—**	**—**	**100**	*****	**—**
Bull Run (TN)	100	116.4	29.26	1.33	13	250.8	14.74	.50	—	—	—	97	3	—
Cahokia (AL)	79	117.7	27.14	.40	—	—	—	—	—	—	—	100	—	—
Colbert (AL)	111	107.9	25.89	2.06	—	—	—	—	—	—	—	100	—	—
Cora Transfer (TN)	225	112.1	24.22	.51	—	—	—	—	—	—	—	100	—	—
Cumberland (TN)	694	109.4	25.88	2.77	20	287.8	16.91	.50	—	—	—	99	1	—
GRT Terminal (TN)	719	109.3	24.93	1.28	—	—	—	—	—	—	—	100	—	—
Johnsonville (TN)	131	106.5	26.19	1.68	—	—	—	—	—	—	—	100	—	—
Kingston (TN)	408	127.5	31.95	1.36	1	260.2	15.29	.50	—	—	—	100	*	—
Paradise (KY)	513	95.8	20.45	4.44	2	277.4	16.30	.50	—	—	—	100	*	—
Sevier (TN)	174	126.3	32.25	1.62	—	—	—	—	—	—	—	100	—	—
Shawnee (KY)	330	120.0	26.46	.75	3	333.7	19.61	.50	—	—	—	100	*	—
Widows Creek (AL)	234	121.8	29.37	2.20	3	253.3	14.88	.50	—	—	—	100	*	—
Terrabonne Parrish Con	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**55**	**212.1**	**2.26**	**—**	**—**	**100**
Houma (LA)	—	—	—	—	—	—	—	—	55	212.1	2.26	—	—	100
Texas Municipal Power Agency	**141**	**119.8**	**20.20**	**.29**	**—**	**—**	**—**	**—**	**16**	**240.0**	**2.44**	**99**	**—**	**1**
Gibbons Creek (TX)	141	119.8	20.20	.29	—	—	—	—	16	240.0	2.44	99	—	1

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf			
Texas Utilities Electric Co[8]	**2,936**	**114.1**	**14.70**	**0.83**	**12**	**250.6**	**14.53**	**—**	**23,401**	**249.4**	**2.54**	**61**	*****	**39**
Big Brown (TX)	365	130.1	17.29	.70	—	—	—	—	106	249.4	2.57	98	—	2
Collin (TX)	—	—	—	—	—	—	—	—	122	249.4	2.53	—	—	100
Decordova (TX)	—	—	—	—	—	—	—	—	2,944	249.4	2.56	—	—	100
Eagle Mountain (TX)	—	—	—	—	—	—	—	—	420	249.4	2.54	—	—	100
Graham (TX)	—	—	—	—	—	—	—	—	1,522	249.4	2.52	—	—	100
Handley (TX)	—	—	—	—	—	—	—	—	1,667	249.4	2.55	—	—	100
Lake Creek (TX)	—	—	—	—	—	—	—	—	476	249.4	2.57	—	—	100
Lake Hubbard (TX)	—	—	—	—	—	—	—	—	1,484	249.4	2.58	—	—	100
Martin Lake (TX)	1,164	105.7	13.45	1.10	11	250.4	14.51	—	—	—	—	100	*	—
Monticello (TX)	1,072	116.9	15.01	.46	1	253.1	14.67	—	—	—	—	100	*	—
Morgan Creek (TX)	—	—	—	—	—	—	—	—	2,620	249.4	2.52	—	—	100
Mountain Creek (TX)	—	—	—	—	—	—	—	—	1,036	249.4	2.51	—	—	100
North Lake (TX)	—	—	—	—	—	—	—	—	869	249.4	2.53	—	—	100
Parkdale (TX)	—	—	—	—	—	—	—	—	213	249.4	2.56	—	—	100
Permian Basin (TX)	—	—	—	—	—	—	—	—	2,393	249.4	2.54	—	—	100
Sandow No 4 (TX)	335	116.0	15.26	1.20	—	—	—	—	—	—	—	100	—	—
Stryker (TX)	—	—	—	—	—	—	—	—	1,463	249.4	2.58	—	—	100
Tradinghouse (TX)	—	—	—	—	—	—	—	—	3,718	249.4	2.54	—	—	100
Trinidad (TX)	—	—	—	—	—	—	—	—	334	249.4	2.55	—	—	100
Valley (TX)	—	—	—	—	—	—	—	—	2,015	249.4	2.52	—	—	100
Texas-New Mexico Power Co	**179**	**141.7**	**19.65**	**.89**	**—**	**—**	**—**	**—**	**43**	**166.0**	**1.68**	**98**	**—**	**2**
TNP One (Tx)	179	141.7	19.65	.89	—	—	—	—	43	166.0	1.68	98	—	2
Toledo Edison Co	**159**	**117.0**	**20.53**	**.31**	**1**	**291.8**	**16.92**	**0.39**	**—**	**—**	**—**	**100**	*****	**—**
Bay Shore (OH)	159	117.0	20.53	.31	1	291.8	16.92	.39	—	—	—	100	*	—
Tri State Gen & Trans Assn, Inc	**428**	**106.1**	**21.51**	**.37**	**—**	**—**	**—**	**—**	**6**	**276.0**	**3.06**	**100**	**—**	*****
Craig (CO)	399	105.6	21.32	.34	—	—	—	—	6	276.0	3.06	100	—	*
Nucla (CO)	30	112.3	24.07	.87	—	—	—	—	—	—	—	100	—	—
Tucson Electric Power Co	**230**	**129.4**	**24.36**	**.80**	**3**	**335.7**	**20.03**	**.05**	**151**	**256.6**	**2.64**	**96**	*****	**3**
Irvington (AZ)	21	210.7	47.50	.46	—	—	—	—	151	256.6	2.64	75	—	25
Springerville (AZ)	209	119.5	22.05	.83	3	335.7	20.03	.05	—	—	—	100	*	—
Union Electric Co	**1,619**	**94.5**	**16.58**	**.31**	**3**	**252.5**	**14.53**	**.29**	**84**	**205.2**	**2.11**	**100**	*****	*****
Labadie (MO)	717	92.9	16.29	.25	3	252.5	14.53	.29	—	—	—	100	*	—
Meramec (MO)	142	120.4	22.52	.44	—	—	—	—	82	204.9	2.10	97	—	3
Rush Island (MO)	439	89.8	15.24	.32	—	—	—	—	—	—	—	100	—	—
Sioux (MO)	321	92.3	16.45	.36	—	—	—	—	—	—	—	100	—	—
Venice No.2 (IL)	—	—	—	—	—	—	—	—	2	217.4	2.23	—	—	100
United Illuminating Co	**62**	**180.8**	**46.87**	**.57**	**559**	**194.6**	**12.46**	**.99**	**—**	**—**	**—**	**31**	**69**	**—**
Bridgeport Harbor (CT)	62	180.8	46.87	.57	354	198.3	12.70	.99	—	—	—	41	59	—
New Haven Hbr (CT)	—	—	—	—	205	188.2	12.05	.99	—	—	—	—	100	—
United Power Assn	**88**	**75.7**	**10.33**	**.68**	*****	**303.1**	**17.44**	**.40**	**—**	**—**	**—**	**100**	*****	**—**
Stanton (ND)	88	75.7	10.33	.68	*	303.1	17.44	.40	—	—	—	100	*	—
UtiliCorp United Inc	**137**	**94.0**	**18.39**	**.39**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Sibley (MO)	137	94.0	18.39	.39	—	—	—	—	—	—	—	100	—	—
Vero Beach City of	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**40**	**190.0**	**2.01**	**—**	**—**	**100**
Vero Beach (FL)	—	—	—	—	—	—	—	—	40	190.0	2.01	—	—	100
Vineland City of	**2**	**193.0**	**49.57**	**.78**	**1**	**236.0**	**13.88**	**.19**	**—**	**—**	**—**	**86**	**14**	**—**
H M Down (NJ)	2	193.0	49.57	.78	1	236.0	13.88	.19	—	—	—	86	14	—
Virginia Electric & Power Co	**1,120**	**128.4**	**32.15**	**1.26**	**74**	**161.1**	**10.11**	**.68**	**757**	**384.9**	**4.03**	**96**	**2**	**3**
Bremo Bluff (VA)	52	140.0	34.56	.76	—	—	—	—	—	—	—	100	—	—
Chesapeake Energy (VA)	156	142.4	36.72	1.01	—	—	—	—	—	—	—	100	—	—
Chesterfield (VA)	181	139.5	35.42	1.09	—	—	—	—	711	383.5	4.02	86	—	14
Clover (VA)	192	117.7	29.49	.98	—	—	—	—	—	—	—	100	—	—

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, December 1998 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum[1]				Gas			% of Total Btu		
	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Avg. Sulfur %	Receipts	Average Cost[3]		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10^6 Btu)	($ per short ton)		(1,000 bbls)	(Cents per 10^6 Btu)	$ per bbl		(1,000 Mcf)	(Cents per 10^6 Btu)	$ per Mcf			
Virginia Electric & Power Co														
Mount Storm (WV)	361	113.1	27.76	1.77	3	303.1	17.82	0.20	—	—	—	100	*	—
Possum Point (VA)	115	141.4	34.68	.88	72	156.5	9.84	.70	—	—	—	86	14	—
Yorktown (VA)	63	144.9	38.06	1.42	—	—	—	—	46	408.0	4.21	97	—	3
West Penn Power Co	**328**	**130.8**	**33.29**	**2.40**	**1**	**288.8**	**17.10**	**.30**	**1**	**443.5**	**4.43**	**100**	*	*
Armstrong (PA)	68	105.5	26.56	1.98	*	231.1	13.69	.30	—	—	—	100	*	—
Hatfield (PA)	209	140.9	36.23	2.31	1	251.3	14.88	.30	—	—	—	100	*	—
Mitchell (PA)	52	122.0	30.28	3.32	*	464.5	27.51	.30	1	443.5	4.43	100	*	*
West Texas Utilities Co	**239**	**128.2**	**21.61**	**.39**	**—**	**—**	**—**	**—**	**2,767**	**209.3**	**2.10**	**59**	**—**	**41**
Fort Phantom (TX)	—	—	—	—	—	—	—	—	946	220.9	2.25	—	—	100
Oak Creek (TX)	—	—	—	—	—	—	—	—	165	238.5	2.50	—	—	100
Oklaunion (TX)	239	128.2	21.61	.39	—	—	—	—	—	—	—	100	—	—
Paint Creek (TX)	—	—	—	—	—	—	—	—	406	204.9	2.06	—	—	100
Rio Pecos (TX)	—	—	—	—	—	—	—	—	557	191.8	1.92	—	—	100
San Angelo (TX)	—	—	—	—	—	—	—	—	692	202.6	1.99	—	—	100
Western Farmers Elec Coop Inc	**116**	**99.0**	**17.36**	**.36**	**—**	**—**	**—**	**—**	**1,124**	**216.1**	**2.22**	**64**	**—**	**36**
Anadarko (OK)	—	—	—	—	—	—	—	—	1,015	216.1	2.22	—	—	100
Hugo (OK)	116	99.0	17.36	.36	—	—	—	—	—	—	—	100	—	—
Mooreland (OK)	—	—	—	—	—	—	—	—	109	216.1	2.28	—	—	100
Western Massachusetts Elec Co	**—**	**—**	**—**	**—**	**40**	**195.2**	**12.42**	**.61**	**—**	**—**	**—**	**—**	**100**	**—**
West Springfield (MA)	—	—	—	—	40	195.2	12.42	.61	—	—	—	—	100	—
WestPlains Energy	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**639**	**215.8**	**2.19**	**—**	**—**	**100**
Cimarron River (KS)	—	—	—	—	—	—	—	—	22	226.0	2.26	—	—	100
Large (KS)	—	—	—	—	—	—	—	—	358	219.3	2.23	—	—	100
Mullergren (KS)	—	—	—	—	—	—	—	—	259	210.0	2.14	—	—	100
Wisconsin Electric Power Co	**942**	**103.8**	**20.40**	**.55**	**1**	**357.6**	**20.94**	**.23**	**121**	**279.4**	**2.88**	**99**	*	**1**
Oak Creek (WI)	183	131.0	29.91	.82	—	—	—	—	85	271.4	2.80	98	—	2
Pleasant Prairie (WI)	436	71.8	12.11	.34	—	—	—	—	25	282.9	2.91	100	—	*
Port Washington (WI)	55	135.5	35.29	1.01	—	—	—	—	6	337.7	3.43	100	—	*
Presque Isle (MI)	211	106.5	20.41	.34	1	357.6	20.94	.23	—	—	—	100	*	—
Valley (WI)	57	147.7	39.04	1.54	—	—	—	—	5	333.1	3.39	100	—	*
Wisconsin Power & Light Co	**629**	**96.4**	**16.32**	**.34**	**1**	**314.8**	**18.51**	**—**	**—**	**—**	**—**	**100**	*	**—**
Columbia (WI)	388	89.9	15.17	.36	1	298.4	17.55	—	—	—	—	100	*	—
Edgewater (WI)	218	105.4	17.77	.31	—	—	—	—	—	—	—	100	—	—
Rock River (WI)	23	118.1	22.06	.38	*	436.1	25.64	—	—	—	—	100	*	—
Wisconsin Public Service Corp	**348**	**99.3**	**17.58**	**.22**	**—**	**—**	**—**	**—**	**31**	**238.5**	**2.42**	**100**	**—**	*
Pulliam (WI)	131	96.0	17.01	.19	—	—	—	—	25	238.6	2.42	99	—	1
Weston (WI)	217	101.2	17.92	.24	—	—	—	—	6	238.3	2.42	100	—	*
Wyandotte Municipal Serv Comm	**17**	**149.4**	**37.31**	**.85**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**100**	**—**	**—**
Wyandotte (MI)	17	149.4	37.31	.85	—	—	—	—	—	—	—	100	—	—
U.S. Total	**79,658**	**121.1**	**24.70**	**1.03**	**13,599**	**183.5**	**11.61**	**1.02**	**174,699**	**[2] 231.0**	**2.36**	**86**	**5**	**9**

1 The December 1998 petroleum coke receipts were 215,593 short tons and the cost was 72.3 cents per million Btu.
2 Monetary values are expressed in nominal terms.
3 The entry includes at least one delivery at a price of 1,000 cents per million Btu or greater. High price is frequently caused when fixed costs are averaged into a small quantity.
4 Most coal destined for the Barry plant is reported by the Alabama Power Company as it is received at the Gorgas Transshipping Facility.
5 The cost reported under IMT Transfer (Louisiana) is the weighted average cost of coal delivered to this facility. Florida Power Corporation incurs additional costs for transporting coal from the transfer facility to the Crystal River power plant. These additional costs are not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.
6 The cost reported under Davant Transfer (Louisiana) is the weighted average cost of coal delivered to this facility located in Louisiana. The Tampa Electric Company incurs additional costs for transporting this coal from Davant to its power plants which are located in Florida. These costs are not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.
7 Coal reported as delivered to the Cahokia, Cora, and GRT transfer facilities is later transferred to individual electric plants located in Alabama, Kentucky, and Tennessee. The cost of transportation from the these facilities to the electric plants is not included in the costs shown in this report. Coal delivered to Cahokia is later transferred primarily to the Colbert and Widows Creek plants in Alabama. Approximatley 90 percnt of the coal delivered to the Cora facility is transferred to the Allen plant. Most of the remaining coal is transferred to the Paradise plant. All coal delivered to the Cora facility is shown

in this report as being delivered to Tennessee. Approximately 60 percent of the coal delivered to the GRT facility is later delivered to the Gallatin plant. Widdows Creek, Johnsonville, Paradise, and Cumberland each receive approximately 8 percent. Colbert and Shawnee each receive approximately 4 percent. All coal delivered to GRT is shown in this report as being delivered to Tennessee.

8 Data for Texas Utilities Electric Company include lignite delivered for the Aluminium Company of America (ALCOA) portion of Unit 4 of the Sandow Plant.

* Less than 0.05.

Notes: •Data for 1998 are preliminary. •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Mcf=thousand cubic feet and bbl=barrel.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants.''

Annual Plant Aggregates: Net Generation, Fuel Consumption, and Fuel Stocks

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
A&N Elec Coop	**—**	**555**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	**10**
Smith (MD)	—	197	—	—	—	—	—	1	—	—	1
Tangier (VA)	—	358	—	—	—	—	—	1	—	—	9
Abbeville (City of)	**—**	**30**	**—**	**8,073**	**—**	**—**	**—**	*****	**—**	**—**	*****
Abbeville (SC)	—	30	—	8,073	—	—	—	*	—	—	*
Adrian (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Adrian (MN)	—	—	—	—	—	—	—	—	—	—	—
Aitkin (City of)	**—**	**44**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Aitkin (MN)	—	44	—	—	—	—	—	*	—	—	*
Alabama Elec Coop Inc	**3,515,609**	**14,202**	**668,992**	**24,240**	**—**	**—**	**1,557**	**30**	**6,177**	**178**	**31**
Gantt (AL)	—	—	—	8,279	—	—	—	—	—	—	—
Lowman (AL)	3,515,609	—	—	—	—	—	1,557	—	—	178	—
McIntosh-CAES (AL)	—	14,142	288,421	—	—	—	—	29	2,985	—	17
McWilliams (AL)	—	—	380,571	—	—	—	—	*	3,192	—	13
Point A (AL)	—	—	—	15,961	—	—	—	—	—	—	—
Portland (FL)	—	60	—	—	—	—	—	1	—	—	*
Alabama Power Co	**53,749,237**	**102,461**	**1,239,155**	**4,855,355**	**11,502,571**	**—**	**23,555**	**187**	**13,780**	**2,068**	**141**
Bankhead Dam (AL)	—	—	—	160,873	—	—	—	—	—	—	—
Barry (AL)	10,423,444	83	51,807	—	—	—	4,182	*	654	304	5
Chickasaw (AL)	—	183	61,196	—	—	—	—	*	803	—	*
Farley (AL)	—	—	—	—	11,502,571	—	—	—	—	—	—
Gadsden New (AL)	424,417	51	22,591	—	—	—	237	*	316	9	1
Gaston, E C (AL)	10,880,848	34,507	—	—	—	—	4,437	60	—	345	12
Gorgas (AL)	8,465,286	10,814	—	—	—	—	3,422	18	—	455	4
Greene County (AL)	3,777,495	55,755	1,019,221	—	—	—	1,681	106	11,203	112	103
H Neely Henry Dam (AL)	—	—	—	225,738	—	—	—	—	—	—	—
Harris (AL)	—	—	—	199,895	—	—	—	—	—	—	—
Holt Dam (AL)	—	—	—	154,463	—	—	—	—	—	—	—
Jordan (AL)	—	—	—	343,990	—	—	—	—	—	—	—
Lay Dam (AL)	—	—	—	676,313	—	—	—	—	—	—	—
Lewis Smith Dam (AL)	—	—	—	291,010	—	—	—	—	—	—	—
Logan Martin Dam (AL)	—	—	—	433,264	—	—	—	—	—	—	—
Martin Dam (AL)	—	—	—	418,123	—	—	—	—	—	—	—
Miller (AL)	19,777,747	1,068	84,340	—	—	—	9,595	2	803	842	16
Mitchell Dam (AL)	—	—	—	556,250	—	—	—	—	—	—	—
Thurlow Dam (AL)	—	—	—	223,590	—	—	—	—	—	—	—
Walter Bouldin Dam (AL)	—	—	—	758,290	—	—	—	—	—	—	—
Weiss Dam (AL)	—	—	—	255,118	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Alabama Power Co											
Yates Dam (AL)	—	—	—	158,438	—	—	—	—	—	—	—
Alaska Elec Lgt & Pwr Co	**—**	**876**	**—**	**56,280**	**—**	**—**	**—**	**3**	**—**	**—**	**7**
Annex Creek (AK)	—	—	—	27,564	—	—	—	—	—	—	—
Auke Bay (AK)	—	257	—	—	—	—	—	1	—	—	2
Gold Creek (AK)	—	33	—	4,590	—	—	—	*	—	—	—
Lemon Creek (AK)	—	586	—	—	—	—	—	1	—	—	4
Salmon Creek (AK)	—	—	—	—	—	—	—	—	—	—	—
Salmon Creek 2 (AK)	—	—	—	24,126	—	—	—	—	—	—	—
Alaska Power Admn	**—**	**—**	**—**	**151,746**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Eklutna (AK)	—	—	—	—	—	—	—	—	—	—	—
Snettisham (AK)	—	—	—	151,746	—	—	—	—	—	—	—
Alaska Pwr & Tel Co	**—**	**17,382**	**—**	**9,275**	**—**	**—**	**—**	**29**	**—**	**—**	**2**
Chistochina (AK)	—	272	—	—	—	—	—	1	—	—	*
Coffman Cove (AK)	—	1,243	—	—	—	—	—	2	—	—	*
Craig (AK)	—	19	—	—	—	—	—	*	—	—	*
Dot Lake (AK)	—	—	—	—	—	—	—	—	—	—	—
Eagle (AK)	—	725	—	—	—	—	—	1	—	—	1
Healy Lake (AK)	—	103	—	—	—	—	—	*	—	—	*
Hollis (AK)	—	489	—	—	—	—	—	1	—	—	*
Hydaburg (AK)	—	1,549	—	—	—	—	—	3	—	—	*
Mentasta (AK)	—	368	—	—	—	—	—	1	—	—	*
Skagway (AK)	—	949	—	9,275	—	—	—	2	—	—	*
Tetlin (AK)	—	341	—	—	—	—	—	1	—	—	—
Tok (AK)	—	11,324	—	—	—	—	—	18	—	—	*
Alaska Village Elec Coop	**—**	**52,765**	**—**	**—**	**—**	**—**	**—**	**98**	**—**	**—**	**58**
Alakanuk (AK)	—	1,349	—	—	—	—	—	3	—	—	2
Ambler (AK)	—	1,049	—	—	—	—	—	2	—	—	1
Anvik (AK)	—	412	—	—	—	—	—	1	—	—	1
Brevig Mission (AK)	—	493	—	—	—	—	—	1	—	—	1
Chevak (AK)	—	1,540	—	—	—	—	—	3	—	—	2
Eek (AK)	—	577	—	—	—	—	—	1	—	—	1
Elim (AK)	—	789	—	—	—	—	—	1	—	—	1
Emmonak (AK)	—	2,340	—	—	—	—	—	4	—	—	3
Gambell (AK)	—	1,898	—	—	—	—	—	3	—	—	2
Goodnews Bay (AK)	—	606	—	—	—	—	—	1	—	—	1
Grayling (AK)	—	516	—	—	—	—	—	1	—	—	1
Holy Cross (AK)	—	743	—	—	—	—	—	1	—	—	1
Hooper Bay (AK)	—	2,095	—	—	—	—	—	4	—	—	2
Huslia (AK)	—	646	—	—	—	—	—	1	—	—	1
Kaltag (AK)	—	662	—	—	—	—	—	1	—	—	2
Kiana (AK)	—	1,359	—	—	—	—	—	3	—	—	2
Kivalina (AK)	—	1,027	—	—	—	—	—	2	—	—	1
Koyuk (AK)	—	115	—	—	—	—	—	1	—	—	1
Lower Kalskag (AK)	—	1,028	—	—	—	—	—	2	—	—	2
Marshall (AK)	—	867	—	—	—	—	—	2	—	—	1
Mekoryuk (AK)	—	750	—	—	—	—	—	1	—	—	1
Minto (AK)	—	668	—	—	—	—	—	1	—	—	*
Mountain Village (AK)	—	2,298	—	—	—	—	—	5	—	—	2
New Stuyahok (AK)	—	1,059	—	—	—	—	—	2	—	—	1
Noatak (AK)	—	1,267	—	—	—	—	—	2	—	—	1
Noorvik (AK)	—	1,646	—	—	—	—	—	3	—	—	2
Nulato (AK)	—	1,100	—	—	—	—	—	2	—	—	2
Nunapitchuk (AK)	—	2,185	—	—	—	—	—	4	—	—	2
Old Harbor (AK)	—	723	—	—	—	—	—	1	—	—	1
Pilot Station (AK)	—	1,129	—	—	—	—	—	2	—	—	1
Quinhagak (AK)	—	1,202	—	—	—	—	—	2	—	—	1
Russion Mission (AK)	—	639	—	—	—	—	—	1	—	—	*
Savoonga (AK)	—	1,471	—	—	—	—	—	2	—	—	1
Scammon Bay (AK)	—	957	—	—	—	—	—	2	—	—	1
Selawik (AK)	—	2,080	—	—	—	—	—	4	—	—	2
Shageluk (AK)	—	318	—	—	—	—	—	1	—	—	1
Shaktoolik (AK)	—	764	—	—	—	—	—	1	—	—	1

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Alaska Village Elec Coop											
Shishmaref (AK)	—	1,429	—	—	—	—	—	3	—	—	1
Shungnak (AK)	—	1,250	—	—	—	—	—	2	—	—	2
St Marys (AK)	—	2,799	—	—	—	—	—	5	—	—	3
St Michael (AK)	—	946	—	—	—	—	—	2	—	—	1
Stebbins (AK)	—	1,229	—	—	—	—	—	2	—	—	1
Togiak (AK)	—	2,264	—	—	—	—	—	4	—	—	2
Toksook Bay (AK)	—	1,145	—	—	—	—	—	2	—	—	1
Tununak (AK)	—	750	—	—	—	—	—	1	—	—	1
Wales (AK)	—	586	—	—	—	—	—	1	—	—	1
Albany (City of)	**—**	**277**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Albany (MO)	—	277	—	—	—	—	—	*	—	—	*
Alexandria (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Alexandria (MN)	—	—	—	—	—	—	—	—	—	—	—
Alexandria (City of)	**—**	**—**	**179,695**	**—**	**—**	**—**	**—**	**—**	**2,166**	**—**	**10**
D G Hunter (LA)	—	—	179,695	—	—	—	—	—	2,166	—	10
Algona (City of)	**—**	**1,095**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	**4**
Algona (IA)	—	1,095	—	—	—	—	—	1	—	—	4
Allegheny Electric Coop	**—**	**—**	**—**	**93,540**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Raystown (PA)	—	—	—	93,540	—	—	—	—	—	—	—
Alta (City of)	**—**	**91**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Alta (IA)	—	91	—	—	—	—	—	*	—	—	*
Amer Mun Power-Ohio Inc	**1,348,420**	**—**	**4,407**	**—**	**—**	**—**	**855**	**—**	**62**	**61**	**—**
Richard Gorsuch (OH)	1,348,420	—	4,407	—	—	—	855	—	62	61	—
Ames (City of)	**382,191**	**3,962**	**—**	**—**	**—**	**—**	**246**	**10**	**—**	**16**	**4**
Ames (IA)	382,191	3,261	—	—	—	—	246	6	—	16	1
Ames Gt (IA)	—	701	—	—	—	—	—	4	—	—	2
Anaheim (City of)	**—**	**—**	**22,831**	**—**	**—**	**—**	**—**	**—**	**203**	**—**	**—**
Anaheim (CA)	—	—	22,831	—	—	—	—	—	203	—	—
Anchorage (City of)	**—**	**11**	**703,614**	**—**	**—**	**—**	**—**	*****	**7,934**	**—**	**20**
Anchorage (AK)	—	4	10,664	—	—	—	—	*	241	—	3
GMS 2 (AK)	—	7	692,950	—	—	—	—	*	7,692	—	16
Aniak Light & Power Co	**—**	**2,593**	**—**	**—**	**—**	**—**	**—**	**5**	**—**	**—**	**3**
Aniak (AK)	—	2,593	—	—	—	—	—	5	—	—	3
Anita (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Anita (IA)	—	—	—	—	—	—	—	—	—	—	—
Ansley (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Ansley (NE)	—	—	—	—	—	—	—	—	—	—	—
Anthony (City of)	**—**	**300**	**6,004**	**—**	**—**	**—**	**—**	**1**	**62**	**—**	**1**
Anthony (KS)	—	300	6,004	—	—	—	—	1	62	—	1
Appalachian Power Co	**32,406,128**	**120,075**	**—**	**684,999**	**—**	**—**	**12,598**	**199**	**—**	**1,676**	**89**
Amos, John E (WV)	15,380,013	81,689	—	—	—	—	6,062	135	—	939	57
Buck (VA)	—	—	—	29,440	—	—	—	—	—	—	—
Byllesby 2 (VA)	—	—	—	70,390	—	—	—	—	—	—	—
Claytor (VA)	—	—	—	260,767	—	—	—	—	—	—	—
Clinch River (VA)	4,853,470	3,898	—	—	—	—	1,840	6	—	293	2
Glen Lyn (VA)	1,892,834	13,581	—	—	—	—	749	24	—	70	2
Kanawha River (WV)	2,555,178	1,894	—	—	—	—	1,013	3	—	84	1
Leesville (VA)	—	—	—	78,402	—	—	—	—	—	—	—
London (WV)	—	—	—	72,253	—	—	—	—	—	—	—
Marmet (WV)	—	—	—	58,287	—	—	—	—	—	—	—
Mountaineer (WV)	7,724,633	19,013	—	—	—	—	2,934	31	—	291	27

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Appalachian Power Co											
Niagara (VA)	—	—	—	5,164	—	—	—	—	—	—	—
Reusens (VA)	—	—	—	25,357	—	—	—	—	—	—	—
Smith Mountain (VA)	—	—	—	–268	—	—	—	—	—	—	—
Winfield (WV)	—	—	—	85,207	—	—	—	—	—	—	—
Arcadia (City of)	**—**	**620**	**506**	**—**	**—**	**—**	**—**	**1**	**5**	**—**	**1**
Arcadia (WI)	—	620	506	—	—	—	—	1	5	—	1
Arcanum (City of)	**—**	**198**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Arcanum (OH)	—	198	—	—	—	—	—	*	—	—	*
Argyle (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Argyle (WI)	—	—	—	—	—	—	—	—	—	—	—
Arizona Elec Pwr Coop Inc	**2,428,991**	**—**	**223,804**	**—**	**—**	**—**	**1,349**	**—**	**2,392**	**113**	**—**
Apache Station (AZ)	2,428,991	—	223,804	—	—	—	1,349	—	2,392	113	—
Arizona Public Service Co	**20,864,891**	**18,322**	**1,643,245**	**31,644**	**30,301,045**	**—**	**11,862**	**41**	**18,949**	**475**	**137**
Childs (AZ)	—	—	—	19,310	—	—	—	—	—	—	—
Cholla (AZ)	6,361,304	7,256	2,342	—	—	—	3,565	14	30	399	5
Fairview (AZ)	—	756	—	—	—	—	—	3	—	—	6
Four Corners (NM)	14,503,587	—	113,428	—	—	—	8,297	—	1,235	76	—
Irving (AZ)	—	—	—	12,334	—	—	—	—	—	—	—
Ocotillo (AZ)	—	—	353,883	—	—	—	—	—	4,122	—	36
Palo Verde (AZ)	—	—	—	—	30,301,045	—	—	—	—	—	—
Phoenix (AZ)	—	2,650	652,762	—	—	—	—	5	7,312	—	30
Saguaro (AZ)	—	3,892	200,564	—	—	—	—	10	2,537	—	34
Yucca (AZ)	—	3,768	320,266	—	—	—	—	10	3,714	—	27
Arkansas Elec Coop Corp	**—**	**59,243**	**534,036**	**212,776**	**—**	**—**	**—**	**100**	**6,050**	**—**	**146**
Bailey (AR)	—	847	218,991	—	—	—	—	2	2,503	—	64
Clyde Ellis (AR)	—	—	—	109,470	—	—	—	—	—	—	—
Dam 9 (AR)	—	—	—	103,306	—	—	—	—	—	—	—
Fitzhugh (AR)	—	302	103,206	—	—	—	—	1	1,230	—	44
Mc Clellan (AR)	—	58,094	211,839	—	—	—	—	98	2,317	—	39
Arkansas Power & Light Co	**19,454,192**	**79,607**	**3,170,123**	**189,745**	**13,097,252**	**—**	**11,969**	**169**	**34,525**	**668**	**180**
Arkansas Nuclear One(AR)	—	—	—	—	13,097,252	—	—	—	—	—	—
Blytheville (AR)	—	35,311	—	—	—	—	—	90	—	—	44
Carpenter (AR)	—	—	—	134,592	—	—	—	—	—	—	—
Couch, Harvey (AR)	—	—	346,009	—	—	—	—	—	4,345	—	—
Independence (AR)	9,758,695	23,066	—	—	—	—	5,852	41	—	295	13
L Catherine (AR)	—	—	1,218,911	—	—	—	—	—	11,735	—	—
Lynch, Cecil (AR)	—	—	—	—	—	—	—	—	—	—	—
Mablevale (AR)	—	—	—	—	—	—	—	—	—	—	4
Moses, Ham (AR)	—	—	—	—	—	—	—	—	—	—	—
Remmel (AR)	—	—	—	55,153	—	—	—	—	—	—	—
Ritchie, R E (AR)	—	1	1,605,203	—	—	—	—	*	18,444	—	98
White Bluff (AR)	9,695,497	21,229	—	—	—	—	6,117	39	—	373	21
Arnold (City of)	**—**	**46**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Arnold (NE)	—	46	—	—	—	—	—	*	—	—	*
Ashland (City of)	**—**	**131**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Ashland (KS)	—	131	—	—	—	—	—	*	—	—	*
Associated Elec Coop	**15,206,206**	**17,122**	**—**	**—**	**—**	**—**	**8,891**	**35**	**—**	**1,155**	**16**
New Madrid (MO)	7,718,244	3,380	—	—	—	—	4,519	6	—	533	1
Thomas Hill (MO)	7,487,962	9,372	—	—	—	—	4,372	17	—	622	5
Unionville (MO)	—	4,370	—	—	—	—	—	12	—	—	9
Atlantic (City of)	**—**	**37**	**21**	**—**	**—**	**—**	**—**	*****	*****	**—**	**1**
Atlantic (IA)	—	37	21	—	—	—	—	*	*	—	1
Atlantic City Elec Co	**1,635,766**	**197,285**	**199,076**	**—**	**—**	**—**	**701**	**422**	**2,506**	**202**	**411**
Carlls Corner (NJ)	—	3,143	–130	—	—	—	—	16	2	—	11

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Atlantic City Elec Co											
Cedar (NJ)	—	5,852	—	—	—	—	—	19	—	—	19
Cumberland St (NJ)	—	539	61,811	—	—	—	—	2	765	—	29
Deepwater (NJ)	386,938	5,022	69,571	—	—	—	161	12	793	79	33
England, B L (NJ)	1,248,828	166,968	—	—	—	—	540	324	—	123	114
Mantu Depot (NJ)	—	—	—	—	—	—	—	—	—	—	31
Mantu Depot (NJ)	—	—	—	—	—	—	—	—	—	—	123
Mickleton Street (NJ)	—	—	20,148	—	—	—	—	—	327	—	—
Middle (NJ)	—	8,441	—	—	—	—	—	27	—	—	14
Missouri Avenue (NJ)	—	6,662	—	—	—	—	—	19	—	—	9
Sherman Avenue (NJ)	—	658	47,676	—	—	—	—	2	618	—	27
Attica (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Attica (KS)	—	—	—	—	—	—	—	—	—	—	—
Auburn (City of)	**—**	**300**	**2,509**	**—**	**—**	**—**	**—**	**1**	**38**	**—**	*****
Auburn (NE)	—	300	2,509	—	—	—	—	1	38	—	*
Augusta (City of)	**—**	**1,100**	**15,714**	**—**	**—**	**—**	**—**	**2**	**182**	**—**	*****
Plant No 1 (KS)	—	400	2,129	—	—	—	—	1	33	—	*
Plant No 2 (KS)	—	700	13,585	—	—	—	—	1	150	—	*
Augusta (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Fairbanks (AR)	—	—	—	—	—	—	—	—	—	—	—
Austin (City of)	**114,548**	**—**	**15,625**	**—**	**—**	**—**	**61**	**—**	**198**	**37**	**—**
Austin DT (MN)	—	—	12	—	—	—	—	—	*	—	—
Northeast Station (MN)	114,548	—	15,613	—	—	—	61	—	198	37	—
Austin (City of)	**—**	**—**	**3,359,106**	**—**	**—**	**—**	**—**	**—**	**34,765**	**—**	**190**
Decker Creek (TX)	—	—	2,252,900	—	—	134	—	—	23,282	—	125
Holly Street (TX)	—	—	1,106,206	—	—	—	—	—	11,482	—	65
Avista Corporation	**—**	**—**	**294,757**	**3,860,130**	**—**	**—**	**—**	**—**	**3,403**	**—**	**—**
Cabinet Gorge (ID)	—	—	—	1,047,704	—	—	—	—	—	—	—
Kettle Fls (WA)	—	—	2,231	—	—	322,175	—	—	24	—	—
Little Falls (WA)	—	—	—	215,531	—	—	—	—	—	—	—
Long Lake (WA)	—	—	—	513,209	—	—	—	—	—	—	—
Meyers Falls (WA)	—	—	—	8,506	—	—	—	—	—	—	—
Monroe Street (WA)	—	—	—	109,456	—	—	—	—	—	—	—
Nine Mile (WA)	—	—	—	124,690	—	—	—	—	—	—	—
Northeast (WA)	—	—	11,648	—	—	—	—	—	124	—	—
Noxon Rapids (MT)	—	—	—	1,688,255	—	—	—	—	—	—	—
Post Falls (ID)	—	—	—	91,375	—	—	—	—	—	—	—
Rathdrum (WA)	—	—	280,878	—	—	—	—	—	3,254	—	—
Upper Falls (WA)	—	—	—	61,404	—	—	—	—	—	—	—
Baldwin City (City of)	**—**	**1,100**	**719**	**—**	**—**	**—**	**—**	**3**	**8**	**—**	*****
Attica (KS)	—	1,100	719	—	—	—	—	3	8	—	*
Baltimore Gas & Elec Co	**13,293,391**	**1,086,940**	**560,182**	**—**	**13,330,598**	**—**	**5,238**	**1,886**	**6,523**	**685**	**648**
Brandon (MD)	8,280,161	24,448	—	—	—	—	3,327	43	—	503	3
Calvert Cliffs (MD)	—	—	—	—	13,330,598	—	—	—	—	—	—
Crane, C P (MD)	1,987,768	9,772	—	—	—	—	763	17	—	104	4
Gould Street (MD)	—	62,741	74,819	—	—	—	—	113	939	—	26
Notch Cliff (MD)	—	—	29,644	—	—	—	—	—	511	—	—
Perryman (MD)	—	39,225	195,503	—	—	—	—	101	2,102	—	104
Philadelphia Road (MD)	—	8,176	—	—	—	—	—	23	—	—	12
Riverside (MD)	—	7,059	51,252	—	—	—	—	24	642	—	35
Wagner, H A (MD)	3,025,462	935,519	188,149	—	—	—	1,148	1,564	1,993	78	464
Westport (MD)	—	—	20,815	—	—	—	—	—	336	—	—
Bancroft (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Bancroft (IA)	—	—	—	—	—	—	—	—	—	—	—
Bangor Hydro Electric Co	**—**	**3,922**	**—**	**169,619**	**—**	**—**	**—**	**7**	**—**	**—**	**2**
Bar Harbor (ME)	—	1,065	—	—	—	—	—	2	—	—	1

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Bangor Hydro Electric Co											
Eastport (ME)	—	1,736	—	—	—	—	—	3	—	—	1
Ellsworth (ME)	—	—	—	24,626	—	—	—	—	—	—	—
Howland (ME)	—	—	—	7,615	—	—	—	—	—	—	—
Medway (ME)	—	1,121	—	30,036	—	—	—	2	—	—	*
Milford (ME)	—	—	—	49,891	—	—	—	—	—	—	—
Orono (ME)	—	—	—	—	—	—	—	—	—	—	—
Stillwater (ME)	—	—	—	10,752	—	—	—	—	—	—	—
Veazie (ME)	—	—	—	—	—	—	—	—	—	—	—
Veazie A (ME)	—	—	—	46,699	—	—	—	—	—	—	—
Barron (City of)	**—**	**126**	**—**	**324**	**—**	**—**	**—**	*****	**—**	**—**	**1**
Barron (WI)	—	126	—	324	—	—	—	*	—	—	1
Barrow Utils & Elec Coop	**—**	**—**	**49,153**	**—**	**—**	**—**	**—**	**—**	**682**	**—**	**—**
Barrow (AK)	—	—	49,153	—	—	—	—	—	682	—	—
Barton (Village of)	**—**	**63**	**—**	**4,863**	**—**	**—**	**—**	*****	**—**	**—**	*****
W. Charleston (VT)	—	63	—	4,863	—	—	—	*	—	—	*
Basin Elec Power Coop	**23,608,534**	**42,701**	**—**	**—**	**—**	**—**	**17,071**	**86**	**—**	**1,154**	**70**
Antelope Valley (ND)	6,955,176	3,567	—	—	—	—	5,766	7	—	69	6
Laramie River (WY)	12,307,471	18,946	—	—	—	—	7,689	35	—	698	13
Leland Olds (ND)	4,345,887	6,581	—	—	—	—	3,616	13	—	388	7
Sprit Mound (SD)	—	13,607	—	—	—	—	—	32	—	—	45
Baudette (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Baudette (MN)	—	—	—	—	—	—	—	—	—	—	—
Beaver City (City of)	**—**	**—**	**—**	**8,471**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Beaver Lower (UT)	—	—	—	819	—	—	—	—	—	—	—
Beaver Upper (UT)	—	—	—	3,493	—	—	—	—	—	—	—
Beaver 3 (UT)	—	—	—	4,159	—	—	—	—	—	—	—
Beaver City (City of)	**—**	**30**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Beaver City (NE)	—	30	—	—	—	—	—	*	—	—	*
Bedford (City of)	**—**	**—**	**—**	**16,928**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Snowden (VA)	—	—	—	16,928	—	—	—	—	—	—	—
Belleville (City of)	**—**	**650**	**5,532**	**—**	**—**	**—**	**—**	**2**	**58**	**—**	**8**
Belleville (KS)	—	650	5,532	—	—	—	—	2	58	—	8
Bellevue (City of)	**—**	**391**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	*****
Bellevue (IA)	—	391	—	—	—	—	—	1	—	—	*
Beloit (City of)	**—**	**240**	**1,850**	**—**	**—**	**—**	**—**	*****	**17**	**—**	*****
Beloit (KS)	—	240	1,850	—	—	—	—	*	17	—	*
Benkelman (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Benkelman (NE)	—	—	—	—	—	—	—	—	—	—	—
Benson (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Benson (MN)	—	—	—	—	—	—	—	—	—	—	—
Berlin (City of)	**—**	**1,834**	**—**	**—**	**—**	**—**	**—**	**4**	**—**	**—**	*****
Berlin (MD)	—	1,834	—	—	—	—	—	4	—	—	*
Bethany (City of)	**—**	**301**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	**1**
Bethany (MO)	—	301	—	—	—	—	—	1	—	—	1
Bethel Utilities Corp	**—**	**37,152**	**—**	**—**	**—**	**—**	**—**	**63**	**—**	**—**	**1**
Bethel (AK)	—	37,152	—	—	—	—	—	63	—	—	1
Bettles Light & Power	**—**	**791**	**—**	**—**	**—**	**—**	**—**	**2**	**—**	**—**	**1**
Bettles (AK)	—	791	—	—	—	—	—	2	—	—	1

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Big Rivers Electric Corp	**6,584,472**	**9,351**	**2,705**	**—**	**—**	**—**	**3,066**	**24**	**31**	**—**	**—**
Coleman (KY)	1,429,085	56	2,705	—	—	—	660	*	31	—	—
Green (KY)	1,822,193	1,753	—	—	—	—	913	3	—	—	—
Henderson Ii (KY)	1,255,740	1,547	—	—	—	—	568	3	—	—	—
Reid, Robert (KY)	126,568	4,642	—	—	—	—	63	15	—	—	—
Wilson (KY)	1,950,886	1,353	—	—	—	—	861	2	—	—	—
Black Hills Pwr and Lt Co	**1,271,240**	**6,648**	**32,640**	**—**	**—**	**—**	**1,047**	**19**	**491**	**4**	**19**
French, Ben (SD)	185,938	4,773	32,640	—	—	—	150	14	491	3	19
Neil Simpson 2 (WY)	686,007	1,103	—	—	—	—	519	3	—	—	*
Osage (WY)	251,442	—	—	—	—	—	253	—	—	1	—
Simpson, Neil (WY)	147,853	772	—	—	—	—	126	2	—	—	*
Black River Falls (City)	**—**	**—**	**—**	**3,559**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Black River Falls (WI)	—	—	—	3,559	—	—	—	—	—	—	—
Block Island Power Co	**—**	**7,170**	**—**	**—**	**—**	**—**	**—**	**17**	**—**	**—**	**1**
Block Island (RI)	—	7,170	—	—	—	—	—	17	—	—	1
Bloomfield (City of)	**—**	**58**	**25**	**—**	**—**	**—**	**—**	*****	*****	**—**	*****
Bloomfield (IA)	—	58	25	—	—	—	—	*	*	—	*
Blooming Prairie(City of)	**—**	**407**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	*****
Blooming Prairie (MN)	—	407	—	—	—	—	—	1	—	—	*
Blue Earth (City of)	**—**	**894**	**100**	**—**	**—**	**—**	**—**	**1**	**1**	**—**	*****
Blue Earth (MN)	—	894	100	—	—	—	—	1	1	—	*
Blue Ridge El Member Corp	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Sharp Falls (NC)	—	—	—	—	—	—	—	—	—	—	—
Bluffton (City of)	**—**	**42**	**1,883**	**—**	**—**	**—**	**—**	*****	**26**	**—**	**2**
Bluffton (IN)	—	42	1,883	—	—	—	—	*	26	—	2
Bonners Ferry (City of)	**—**	**—**	**—**	**27,130**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Moyie (ID)	—	—	—	27,130	—	—	—	—	—	—	—
Boston Edison Co	**—**	**1,639,857**	**665,160**	**—**	**5,698,414**	**—**	**—**	**2,710**	**6,688**	**—**	**—**
Edgar (MA)	—	386	—	—	—	—	—	1	—	—	—
Framingham (MA)	—	194	—	—	—	—	—	1	—	—	—
L Street (MA)	—	405	—	—	—	—	—	1	—	—	—
Mystic (MA)	—	1,637,492	14,629	—	—	—	—	2,703	197	—	—
New Boston (MA)	—	—	650,531	—	—	—	—	—	6,491	—	—
Pilgrim (MA)	—	—	—	—	5,698,414	—	—	—	—	—	—
West Medway (MA)	—	1,380	—	—	—	—	—	4	—	—	—
Bountiful (City of)	**—**	**255**	**4,844**	**29,401**	**—**	**—**	**—**	**1**	**50**	**—**	**1**
Bountiful (UT)	—	255	4,844	—	—	—	—	1	50	—	1
Echo Dam (UT)	—	—	—	20,400	—	—	—	—	—	—	—
Pine View Dam (UT)	—	—	—	9,001	—	—	—	—	—	—	—
Braintree (City of)	**—**	**3,000**	**69,959**	**—**	**—**	**—**	**—**	**5**	**751**	**—**	**—**
Potter Station (MA)	—	3,000	69,959	—	—	—	—	5	751	—	—
Brazos Elec Pwr Coop Inc	**—**	**182**	**1,894,519**	**—**	**—**	**—**	**—**	*****	**20,593**	**—**	**146**
Miller, R W (TX)	—	182	1,831,156	—	—	—	—	*	19,761	—	136
North Texas (TX)	—	—	63,363	—	—	—	—	—	832	—	11
Brazos River Authority	**—**	**—**	**—**	**13,112**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
M Shepppard (TX)	—	—	—	13,112	—	—	—	—	—	—	—
Breese (City of)	**—**	**1,879**	**—**	**—**	**—**	**—**	**—**	**4**	**—**	**—**	**3**
Breese (IL)	—	1,879	—	—	—	—	—	4	—	—	3
Brigham City Corporation	**—**	**—**	**—**	**11,784**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Brigham City (UT)	—	—	—	7,398	—	—	—	—	—	—	—
Brigham 2 (UT)	—	—	—	4,386	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Broken Bow (City of)	—	**40**	**2,742**	—	—	—	—	*	**26**	—	*
Broken Bow (NE)	—	40	2,742	—	—	—	—	*	26	—	*
Brooklyn (City of)	—	**137**	—	—	—	—	—	*	—	—	*
Brooklyn (IA)	—	137	—	—	—	—	—	*	—	—	*
Brownfield (City of)	—	**123**	**1,211**	—	—	—	—	*	**32**	—	**1**
Brownfield (TX)	—	123	1,211	—	—	—	—	*	32	—	1
Brownsville (City of)	—	**1,552**	**234,628**	—	—	—	—	**4**	**2,630**	—	**21**
Si Ray (TX)	—	1,552	234,628	—	—	—	—	4	2,630	—	21
Bryan (City of)	—	**279**	**5,228**	—	—	—	—	**1**	**95**	—	**6**
Bryan (OH)	—	279	5,228	—	—	—	—	1	95	—	6
Bryan (City of)	—	**94**	**671,593**	—	—	—	—	*	**7,812**	—	**56**
Bryan (TX)	—	94	186,401	—	—	—	—	*	2,341	—	32
Dansby (TX)	—	—	485,192	—	—	—	—	—	5,471	—	24
Bryant (City of)	—	—	—	—	—	—	—	—	—	—	—
Bryant (SD)	—	—	—	—	—	—	—	—	—	—	—
Burbank (City of)	—	—	**79,806**	—	—	—	—	—	**1,077**	—	—
Magnolia (CA)	—	—	609	—	—	—	—	—	34	—	—
Olive (CA)	—	—	79,197	—	—	—	—	—	1,043	—	—
Burlingame (City of)	—	—	**1,038**	—	—	—	—	—	**12**	—	—
Burlingame (KS)	—	—	1,038	—	—	—	—	—	12	—	—
Burlington (City of)	—	**1,381**	**827**	—	—	—	—	**10**	**188**	—	**7**
Burlington (VT)	—	1,291	—	—	—	—	—	4	—	—	2
J C McNeil (VT)	—	90	827	—	—	145,458	—	6	188	—	5
Burlington (City of)	—	—	—	—	—	—	—	—	—	—	—
Burlington (CO)	—	—	—	—	—	—	—	—	—	—	—
Burlington (City of)	—	**485**	**2,902**	—	—	—	—	**1**	**31**	—	**1**
Burlington (KS)	—	485	2,902	—	—	—	—	1	31	—	1
Burwell (City of)	—	—	—	—	—	—	—	—	—	—	—
Burwell (NE)	—	—	—	—	—	—	—	—	—	—	—
Bushnell (City of)	—	**281**	—	—	—	—	—	**1**	—	—	*
Bushnell (IL)	—	281	—	—	—	—	—	1	—	—	*
Butler (City of)	—	**372**	—	—	—	—	—	**1**	—	—	**1**
Butler (MO)	—	372	—	—	—	—	—	1	—	—	1
Cajun Elec Power Coop Inc	**10,179,694**	**26,698**	**601,215**	—	—	—	**6,355**	**48**	**6,444**	**1,184**	**21**
Big Cajun 1 (LA)	—	—	601,215	—	—	—	—	—	6,444	—	12
Big Cajun 2 (LA)	10,179,694	26,698	—	—	—	—	6,355	48	—	1,184	9
California (State of)	—	—	—	**4,318,782**	—	—	—	—	—	—	—
Alamo (CA)	—	—	—	50,002	—	—	—	—	—	—	—
Bottle Rock (CA)	—	—	—	—	—	−490	—	—	—	—	—
Devil Canyon (CA)	—	—	—	432,583	—	—	—	—	—	—	—
Edw Hyatt (CA)	—	—	—	3,397,340	—	—	—	—	—	—	—
Mojave Siphon (CA)	—	—	—	26,658	—	—	—	—	—	—	—
Thermal Div (CA)	—	—	—	21,280	—	—	—	—	—	—	—
Thermalito (CA)	—	—	—	428,681	—	—	—	—	—	—	—
W E Warne (CA)	—	—	—	73,914	—	—	—	—	—	—	—
William R Gianelli (CA)	—	—	—	−111,676	—	—	—	—	—	—	—
Calloway (City of)	—	—	—	—	—	—	—	—	—	—	—
Callaway (NE)	—	—	—	—	—	—	—	—	—	—	—
Cambridge (City of)	—	—	—	—	—	—	—	—	—	—	—
Cambridge (NE)	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Campbell (City of)	—	—	—	—	—	—	—	—	—	—	—
Campbell (MO)	—	—	—	—	—	—	—	—	—	—	—
Campbell (City of)	—	—	—	—	—	—	—	—	—	—	—
Campbell (NE)	—	—	—	—	—	—	—	—	—	—	—
Cardinal Operating Co	**10,822,438**	**18,944**	**—**	**—**	**—**	**—**	**4,191**	**31**	**—**	**503**	**16**
Cardinal (OH)	10,822,438	18,944	—	—	—	—	4,191	31	—	503	16
Carlyle (City of)	**—**	**853**	**2**	**—**	**—**	**—**	**—**	**1**	*****	**—**	*****
Carlyle (IL)	—	853	2	—	—	—	—	1	*	—	*
Carmi (City of)	**—**	**267**	**525**	**—**	**—**	**—**	**—**	**3**	**7**	**—**	**6**
Carmi (IL)	—	267	525	—	—	—	—	3	7	—	6
Carolina Power & Light Co	**28,698,641**	**243,624**	**222,251**	**789,569**	**25,613,883**	**—**	**11,612**	**669**	**3,585**	**1,797**	**284**
Asheville (NC)	2,202,104	3,588	—	—	—	—	882	6	—	256	1
Blewett (NC)	—	–218	—	123,546	—	—	—	*	—	—	6
Brunswick (NC)	—	—	—	—	13,315,718	—	—	—	—	—	—
Cape Fear (NC)	1,864,541	32,867	—	—	—	—	751	78	—	119	9
Darlington County (SC)	—	96,846	200,552	—	—	—	—	331	3,093	—	222
Harris (NC)	—	—	—	—	6,711,587	—	—	—	—	—	—
Lee (NC)	1,675,052	22,219	—	—	—	—	705	68	—	116	6
Marshall (NC)	—	—	—	25,318	—	—	—	—	—	—	—
Mayo (NC)	4,281,189	16,749	—	—	—	—	1,781	29	—	321	6
Morehead (NC)	—	1,966	—	—	—	—	—	7	—	—	1
Robinson, H B (SC)	910,250	3,031	2,712	—	5,586,578	—	364	5	49	73	3
Roxboro (NC)	14,359,481	30,202	—	—	—	—	5,650	55	—	648	9
Sutton (NC)	2,749,064	30,476	—	—	—	—	1,178	73	—	199	11
Tillery (NC)	—	—	—	236,832	—	—	—	—	—	—	—
Walters (NC)	—	—	—	403,873	—	—	—	—	—	—	—
Weatherspoon (NC)	656,960	5,898	18,987	—	—	—	301	16	443	66	10
Carrollton (City of)	**—**	**823**	**4,719**	**—**	**—**	**—**	**—**	**1**	**74**	**—**	**3**
Carrollton (MO)	—	823	4,719	—	—	—	—	1	74	—	3
Carthage (City of)	**—**	**1,064**	**9,139**	**—**	**—**	**—**	**—**	**2**	**103**	**—**	**11**
Carthage (MO)	—	1,064	9,139	—	—	—	—	2	103	—	11
Cascade (City of)	**—**	**407**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	*****
Cascade (IA)	—	407	—	—	—	—	—	1	—	—	*
Cascade Power company	**—**	**—**	**—**	**3,801**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Brevard (NC)	—	—	—	3,801	—	—	—	—	—	—	—
Cashton (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Cashton (WI)	—	—	—	—	—	—	—	—	—	—	—
Cedar Falls (City of)	**34,872**	**—**	**8,110**	**—**	**—**	**—**	**19**	**—**	**130**	**26**	**2**
Cedar Falls Gt (IA)	34,872	—	4,040	—	—	—	19	—	57	26	—
Streeter (IA)	—	—	4,070	—	—	—	—	—	73	—	2
Cent NE Pub Pwr & Ir Dist	**—**	**—**	**—**	**508,943**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Jeffrey Canyon (NE)	—	—	—	134,963	—	—	—	—	—	—	—
Johnson No 1 (NE)	—	—	—	105,638	—	—	—	—	—	—	—
Johnson No 2 (NE)	—	—	—	134,706	—	—	—	—	—	—	—
Kingsley (NE)	—	—	—	133,636	—	—	—	—	—	—	—
Center (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Center (CO)	—	—	—	—	—	—	—	—	—	—	—
Central Elec Pwr Coop	**296,724**	**370**	**—**	**—**	**—**	**—**	**152**	**1**	**—**	**41**	*****
Chamois (MO)	296,724	370	—	—	—	—	152	1	—	41	*
Central Hudson Gas & Elec	**2,514,449**	**3,230,973**	**651,452**	**141,418**	**—**	**—**	**981**	**5,245**	**6,852**	**121**	**409**
Coxsackie (NY)	—	828	1,726	—	—	—	—	2	26	—	2
Danskammer (NY)	2,514,449	264	220,461	—	—	—	981	1	2,322	121	12

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Central Hudson Gas & Elec											
Dashville (NY)	—	—	—	14,069	—	—	—	—	—	—	—
High Falls (NY)	—	—	—	9,896	—	—	—	—	—	—	—
Neversink (NY)	—	—	—	57,785	—	—	—	—	—	—	—
Roseton (NY)	—	3,228,349	429,265	—	—	—	—	5,238	4,503	—	393
South Cairo (NY)	—	1,532	—	—	—	—	—	4	—	—	2
Sturgeon Pool (NY)	—	—	—	59,668	—	—	—	—	—	—	—
Central Ill Public Ser Co	**10,895,557**	**140,477**	**54**	**—**	**—**	**—**	**5,577**	**258**	**1**	**1,413**	**55**
Coffeen (IL)	3,432,034	7,053	—	—	—	—	1,726	13	—	502	4
Grand Tower (IL)	514,274	2,169	—	—	—	—	269	4	—	122	1
Hutsonville (IL)	399,834	2,570	—	—	—	—	197	5	—	51	1
Meredosia (IL)	986,517	117,714	54	—	—	—	520	216	1	97	43
Newton (IL)	5,562,898	10,971	—	—	—	—	2,865	19	—	641	5
Central Iowa Power Coop	**309,515**	**7,684**	**951**	**—**	**—**	**—**	**169**	**20**	*****	**65**	**7**
Fair Station (IA)	309,515	—	—	—	—	—	169	—	—	65	—
Summit Lake (IA)	—	7,684	951	—	—	—	—	20	*	—	7
Central Illinois Light Co	**5,840,120**	**8,057**	**51,274**	**—**	**—**	**—**	**2,690**	**14**	**288**	**315**	**1**
Duck Creek (IL)	2,167,606	2,185	—	—	—	—	1,022	4	—	118	1
E D Edwards (IL)	3,672,514	5,872	—	—	—	—	1,667	10	—	197	*
Pekin Cogen (IL)	—	—	48,794	—	—	—	—	—	249	—	—
Sterling Avenue (IL)	—	—	2,480	—	—	—	—	—	39	—	—
Central Louisiana Elec Co	**7,502,229**	**—**	**3,213,393**	**—**	**—**	**—**	**5,499**	**—**	**35,024**	**643**	**148**
Coughlin (LA)	—	—	782,956	—	—	—	—	—	8,741	—	37
Dolet Hills (LA)	4,264,242	—	9,938	—	—	—	3,520	—	109	323	—
Franklin (LA)	—	—	305	—	—	—	—	—	8	—	—
Rodemacher (LA)	3,237,987	—	1,085,712	—	—	—	1,979	—	10,579	319	76
Teche (LA)	—	—	1,334,482	—	—	—	—	—	15,587	—	35
Central Maine Power Co	**—**	**1,725,810**	**—**	**1,638,297**	**—**	**—**	**—**	**2,966**	**—**	**—**	**484**
Andro Lower (ME)	—	—	—	159	—	—	—	—	—	—	—
Androscoggin 3 (ME)	—	—	—	29,848	—	—	—	—	—	—	—
Bar Mills (ME)	—	—	—	20,066	—	—	—	—	—	—	—
Bates Lower (ME)	—	—	—	—	—	—	—	—	—	—	—
Bates Upper (ME)	—	—	—	3,722	—	—	—	—	—	—	—
Bonny Eagle (ME)	—	—	—	53,496	—	—	—	—	—	—	—
Brunswick (ME)	—	—	—	98,128	—	—	—	—	—	—	—
C. E. Monty (ME)	—	—	—	133,902	—	—	—	—	—	—	—
Cape (ME)	—	–8	—	—	—	—	—	2	—	—	7
Cataract (ME)	—	—	—	38,264	—	—	—	—	—	—	—
Continental Mills (ME)	—	—	—	1,938	—	—	—	—	—	—	—
Deer Rips (ME)	—	—	—	31,699	—	—	—	—	—	—	—
Fort Halifax (ME)	—	—	—	5,514	—	—	—	—	—	—	—
Gulf Island (ME)	—	—	—	136,132	—	—	—	—	—	—	—
Harris (ME)	—	—	—	247,876	—	—	—	—	—	—	—
Hill Mill (ME)	—	—	—	2,380	—	—	—	—	—	—	—
Hiram (ME)	—	—	—	56,220	—	—	—	—	—	—	—
Islesboro (ME)	—	—	—	—	—	—	—	—	—	—	—
North Gorham (ME)	—	—	—	10,385	—	—	—	—	—	—	—
Oakland (ME)	—	—	—	9,754	—	—	—	—	—	—	—
Peaks Island (ME)	—	—	—	—	—	—	—	—	—	—	—
Rice Rips (ME)	—	—	—	5,622	—	—	—	—	—	—	—
Shawmut (ME)	—	—	—	44,066	—	—	—	—	—	—	—
Skelton (ME)	—	—	—	109,033	—	—	—	—	—	—	—
Smelt Hill (AK)	—	—	—	—	—	—	—	—	—	—	—
Union Gas (ME)	—	—	—	4,247	—	—	—	—	—	—	—
West Buxton (ME)	—	—	—	39,307	—	—	—	—	—	—	—
West Channel (MA)	—	—	—	—	—	—	—	—	—	—	—
Weston (ME)	—	—	—	84,779	—	—	—	—	—	—	—
Williams (ME)	—	—	—	89,866	—	—	—	—	—	—	—
Wyman Hydro (ME)	—	—	—	381,894	—	—	—	—	—	—	—
Wyman, W F (ME)	—	1,725,818	—	—	—	—	—	2,964	—	—	477
Central Operating Co	**6,777,439**	**18,304**	**—**	**—**	**—**	**—**	**2,627**	**30**	**—**	**163**	**10**
Sporn, Phil (WV)	6,777,439	18,304	—	—	—	—	2,627	30	—	163	10

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Central Power & Light Co	**4,660,292**	**2,411**	**12,480,491**	**19,375**	**—**	**—**	**2,343**	**5**	**131,492**	**333**	**463**
Bates, J L (TX)	—	—	721,918	—	—	—	—	—	8,221	—	39
Coleto Creek (TX)	4,660,292	2,382	—	—	—	—	2,343	5	—	333	5
Davis, Barney M (TX)	—	29	4,073,346	—	—	—	—	*	40,302	—	129
Eagle Pass (TX)	—	—	—	19,375	—	—	—	—	—	—	—
Hill, Lon C (TX)	—	—	1,825,186	—	—	—	—	—	21,348	—	60
Joslin, E S (TX)	—	—	611,050	—	—	—	—	—	6,652	—	50
La Palma (TX)	—	—	902,815	—	—	—	—	—	9,750	—	49
Laredo (TX)	—	—	725,059	—	—	—	—	—	8,405	—	24
Nueces Bay (TX)	—	—	2,916,477	—	—	—	—	—	29,017	—	59
Victoria (TX)	—	—	704,640	—	—	—	—	—	7,797	—	49
Central VT Pub Serv Corp	**—**	**1,259**	**—**	**221,763**	**—**	**—**	**—**	**4**	**—**	**—**	**10**
Arnold Falls (VT)	—	—	—	1,924	—	—	—	—	—	—	—
Ascutney (VT)	—	505	—	—	—	—	—	2	—	—	4
Bradford (VT)	—	—	—	3,753	—	—	—	—	—	—	—
Carver Falls (NY)	—	—	—	6,465	—	—	—	—	—	—	—
Cavendish (VT)	—	—	—	5,982	—	—	—	—	—	—	—
Clarks Falls (VT)	—	—	—	20,831	—	—	—	—	—	—	—
East Barnet (VT)	—	—	—	9,437	—	—	—	—	—	—	—
Fairfax Falls (VT)	—	—	—	27,986	—	—	—	—	—	—	—
Gage (VT)	—	—	—	3,217	—	—	—	—	—	—	—
Glen (VT)	—	—	—	8,041	—	—	—	—	—	—	—
Lower Middlebury (VT)	—	—	—	9,414	—	—	—	—	—	—	—
Milton (VT)	—	—	—	48,644	—	—	—	—	—	—	—
Passumpsic (VT)	—	—	—	4,218	—	—	—	—	—	—	—
Patch (VT)	—	—	—	773	—	—	—	—	—	—	—
Peterson (VT)	—	—	—	31,736	—	—	—	—	—	—	—
Pierce Mills (VT)	—	—	—	1,676	—	—	—	—	—	—	—
Pittsford (VT)	—	—	—	9,723	—	—	—	—	—	—	—
Rutland (VT)	—	679	—	—	—	—	—	2	—	—	6
Salisbury (VT)	—	—	—	3,833	—	—	—	—	—	—	—
Silver Lake (VT)	—	—	—	7,231	—	—	—	—	—	—	—
St. Albans (VT)	—	75	—	—	—	—	—	*	—	—	*
Taftsville (VT)	—	—	—	139	—	—	—	—	—	—	—
Weybridge (VT)	—	—	—	16,740	—	—	—	—	—	—	—
Centralia (City of)	**—**	**—**	**—**	**86,337**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Centralia (WA)	—	—	—	86,337	—	—	—	—	—	—	—
Chanute (City of)	**—**	**1,400**	**15,677**	**—**	**—**	**—**	**—**	**4**	**158**	**—**	**1**
Chanute (KS)	—	–429	—	—	—	—	—	*	—	—	*
Chanute 2 (KS)	—	–147	763	—	—	—	—	*	10	—	*
Chanute 3 (KS)	—	1,976	14,914	—	—	—	—	4	148	—	*
Chappell (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Chappelll (NE)	—	—	—	—	—	—	—	—	—	—	—
Chelan Pub Util Dist #1	**—**	**—**	**—**	**8,737,956**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Chelan (WA)	—	—	—	267,487	—	—	—	—	—	—	—
Rock Island (WA)	—	—	—	2,567,660	—	—	—	—	—	—	—
Rocky Reach (WA)	—	—	—	5,902,809	—	—	—	—	—	—	—
Cheyenne Fuel & Power Co	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Snyder (WY)	—	—	—	—	—	—	—	—	—	—	—
Chillicothe (City of)	**7,126**	**1,029**	**4,351**	**—**	**—**	**—**	**6**	**3**	**71**	**1**	**9**
Chillicothe (MO)	7,126	1,029	4,351	—	—	—	6	3	71	1	9
Chugach Elec Assn Inc	**—**	**—**	**1,796,204**	**465,255**	**—**	**—**	**—**	**—**	**20,169**	**—**	**10**
Beluga (AK)	—	—	1,616,844	—	—	—	—	—	17,531	—	—
Bernice Lake (AK)	—	—	136,491	—	—	—	—	—	2,057	—	3
Bradley Lake (AK)	—	—	—	413,886	—	—	—	—	—	—	—
Cooper Lake (AK)	—	—	—	51,369	—	—	—	—	—	—	—
International (AK)	—	—	1,567	—	—	—	—	—	36	—	7
Soldotna (AK)	—	—	41,302	—	—	—	—	—	546	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Cincinnati Gas Elec Co	**27,794,319**	**162,582**	**242,826**	**—**	**—**	**—**	**11,592**	**283**	**4,246**	**792**	**218**
Beckjord, Walter C (OH)	7,587,085	83,506	—	—	—	—	3,101	136	—	138	45
Dicks Creek (OH)	—	17	18,655	—	—	—	—	*	410	—	3
East Bend (KY)	3,775,823	10,148	—	—	—	—	1,600	18	—	170	6
Miami Fort (OH)	7,121,654	35,679	—	—	—	—	3,042	63	—	251	30
W. H. Zimmer ( )	9,309,757	28,506	—	—	—	—	3,849	50	—	233	42
Woodsdale (OH)	—	4,726	224,171	—	—	—	—	15	3,836	—	93
Citizens Utilities Co	**—**	**84**	**—**	**20,424**	**—**	**—**	**—**	*****	**—**	**—**	*****
Charleston (VT)	—	—	—	1,098	—	—	—	—	—	—	—
Newport (VT)	—	—	—	19,245	—	—	—	—	—	—	—
Newport Diesel (VT)	—	84	—	—	—	—	—	*	—	—	*
North Troy (VT)	—	—	—	81	—	—	—	—	—	—	—
Citizens Utilities Co	**—**	**218**	**1,808**	**—**	**—**	**—**	**—**	**1**	**26**	**—**	**1**
Valencia (AZ)	—	218	1,808	—	—	—	—	1	26	—	1
Clarksdale (City of)	**—**	**45**	**59,561**	**—**	**—**	**—**	**—**	*****	**703**	**—**	**19**
South (MS)	—	45	57,602	—	—	—	—	*	668	—	18
Third St (MS)	—	—	1,959	—	—	—	—	—	36	—	1
Clay Center (City of)	**—**	**700**	**19,194**	**—**	**—**	**—**	**—**	**1**	**279**	**—**	**2**
Claycenter (KS)	—	700	19,194	—	—	—	—	1	279	—	2
Cleveland (City of)	**—**	**544**	**6,088**	**—**	**—**	**—**	**—**	**2**	**131**	**—**	**2**
Collinwood (OH)	—	415	613	—	—	—	—	1	17	—	1
Lake Road (OH)	—	—	—	—	—	—	—	—	—	—	—
West 41st Street (OH)	—	129	5,475	—	—	—	—	*	114	—	1
Cleveland Elec Illum Co	**10,556,425**	**24,781**	**—**	**—**	**10,334,072**	**—**	**4,308**	**51**	**—**	**471**	**30**
Ashtabula (OH)	815,058	2,496	—	—	—	—	363	5	—	32	2
Avon Lake (OH)	3,342,181	4,194	—	—	—	—	1,379	12	—	154	13
Eastlake (OH)	6,118,935	16,370	—	—	—	—	2,434	30	—	272	16
Lake Shore (OH)	280,251	1,721	—	—	—	—	133	4	—	13	—
Perry (OH)	—	—	—	—	10,334,072	—	—	—	—	—	—
Clinton (City of)	**—**	**1**	**6**	**—**	**—**	**—**	**—**	*****	*****	**—**	*****
Clinton (MI)	—	1	6	—	—	—	—	*	*	—	*
Cloverland Electric Coop	**—**	**–197**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	**1**
Dafter (MI)	—	–197	—	—	—	—	—	*	—	—	1
Detour (MI)	—	—	—	—	—	—	—	1	—	—	*
Coffeyville (City of)	**—**	**—**	**82,904**	**—**	**—**	**—**	**—**	**—**	**1,095**	**—**	**—**
Coffeyville (KS)	—	—	82,904	—	—	—	—	—	1,095	—	—
Coggon (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Coggon (IA)	—	—	—	—	—	—	—	—	—	—	—
Colby (City of)	**—**	**130**	**89**	**—**	**—**	**—**	**—**	*****	**1**	**—**	**2**
Colby (KS)	—	130	89	—	—	—	—	*	1	—	2
Coldwater (City of)	**—**	**455**	**6,403**	**—**	**—**	**—**	**—**	**2**	**57**	**—**	**3**
Coldwater (MI)	—	455	6,403	—	—	—	—	2	57	—	3
Coleman (City of)	**—**	**600**	**4,319**	**—**	**—**	**—**	**—**	**1**	**56**	**—**	**1**
Coleman (TX)	—	600	4,319	—	—	—	—	1	56	—	1
Colorado Springs(City of)	**3,037,533**	**2,260**	**46,552**	**70,894**	**—**	**—**	**1,522**	**4**	**663**	**345**	**50**
Drake, Martin (CO)	1,458,412	—	16,760	—	—	—	777	—	191	86	—
George Birdsal (CO)	—	—	29,792	—	—	—	—	—	472	—	48
Manitou (CO)	—	—	—	19,598	—	—	—	—	—	—	—
Ray D. Nixon (CO)	1,579,121	2,260	—	—	—	—	745	4	—	259	2
Ruxton (CO)	—	—	—	406	—	—	—	—	—	—	—
Tesla (CO)	—	—	—	50,890	—	—	—	—	—	—	—
Columbia (City of)	**53,895**	**—**	**1,138**	**—**	**—**	**—**	**32**	**—**	**15**	**15**	**2**
Columbia (MO)	53,895	—	1,138	—	—	—	32	—	15	15	2

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Columbus Southern Pwr Co	**9,982,994**	**9,704**	**—**	**—**	**—**	**—**	**4,357**	**17**	**—**	**527**	**9**
Conesville (OH)	9,621,632	8,675	—	—	—	—	4,171	15	—	509	8
Picway (OH)	361,362	1,029	—	—	—	—	186	2	—	18	*
Commonwealth Edison Co	**24,953,875**	**398,619**	**4,062,213**	**—**	**55,691,347**	**—**	**15,151**	**832**	**50,717**	**2,826**	**1,045**
Bloom (IL)	—	3,350	—	—	—	—	—	11	—	—	9
Braidwood (IL)	—	—	—	—	17,264,349	—	—	—	—	—	—
Byron (IL)	—	—	—	—	16,433,749	—	—	—	—	—	—
Calumet (IL)	—	—	16,356	—	—	—	—	—	362	—	14
Collins (IL)	—	252,555	3,678,953	—	—	—	—	480	45,324	—	923
Crawford (IL)	2,129,941	23	91,518	—	—	—	1,321	*	1,432	156	16
Dresden (IL)	—	—	—	—	11,867,449	—	—	—	—	—	—
Electric Junction (IL)	—	—	52,014	—	—	—	—	—	936	—	19
Fisk Street (IL)	1,519,539	26,603	17,845	—	—	—	868	77	170	—	11
Joliet (IL)	1,358,141	673	38,748	—	—	—	800	1	757	146	11
Joliet 29 (IL)	5,029,044	—	113,466	—	—	—	2,972	—	1,137	389	—
Kincaid (IL)	831,699	—	198	—	—	—	430	—	2	—	—
Lasalle (IL)	—	—	—	—	3,241,987	—	—	—	—	—	—
Lombard (IL)	—	—	10,526	—	—	—	—	—	162	—	15
Powerton (IL)	4,835,696	—	10,777	—	—	—	3,182	—	121	1,049	—
Quad-cities (IL)	—	—	—	—	6,953,423	—	—	—	—	—	—
Sabrooke (IL)	—	15,701	—	—	—	—	—	63	—	—	11
Waukegan (IL)	4,348,315	29,698	31,812	—	—	—	2,577	74	316	335	12
Will County (IL)	4,901,500	70,016	—	—	—	—	3,001	127	—	751	5
Zion (IL)	—	—	—	—	–69,610	—	—	—	—	—	—
Commonwealth Energy Sys	**—**	**6,094,741**	**115,242**	**—**	**—**	**—**	**—**	**9,329**	**1,283**	**—**	**2**
Blackstone Street (MA)	—	383	1,683	—	—	—	—	1	34	—	2
Canal (MA)	—	6,054,746	53,175	—	—	—	—	9,259	544	—	—
Kendall Square (MA)	—	38,872	60,384	—	—	—	—	68	705	—	—
Oak Bluffs (MA)	—	343	—	—	—	—	—	1	—	—	—
West Tisbury (MA)	—	397	—	—	—	—	—	1	—	—	—
Conn Yankee Atomic Pwr Co	**—**	**—**	**—**	**—**	**–17,294**	**—**	**—**	**—**	**—**	**—**	**—**
Haddam Neck (CT)	—	—	—	—	–17,294	—	—	—	—	—	—
Connecticut Lgt & Pwr Co	**—**	**5,693,074**	**972,251**	**340,044**	**—**	**—**	**—**	**10,070**	**10,668**	**—**	**1,449**
Bantam (CT)	—	—	—	961	—	—	—	—	—	—	—
Branford (CT)	—	552	—	—	—	—	—	2	—	—	1
Bulls Bridge (CT)	—	—	—	40,338	—	—	—	—	—	—	—
Cos Cob (CT)	—	3,113	—	—	—	—	—	9	—	—	7
Devon (CT)	—	1,004,708	183,905	—	—	—	—	1,763	2,110	—	189
Falls Village (CT)	—	—	—	40,471	—	—	—	—	—	—	—
Franklin (CT)	—	690	—	—	—	—	—	2	—	—	1
Middletown (CT)	—	1,762,644	777,693	—	—	—	—	3,190	8,430	—	541
Montville (CT)	—	1,216,587	10,653	—	—	—	—	2,316	129	—	313
Norwalk Harbor (CT)	—	1,688,285	—	—	—	—	—	2,741	—	—	344
Robertsville (CT)	—	—	—	838	—	—	—	—	—	—	—
Rocky River (CT)	—	—	—	10,629	—	—	—	—	—	—	—
Scotland (CT)	—	—	—	8,443	—	—	—	—	—	—	—
Shepaug (CT)	—	—	—	123,007	—	—	—	—	—	—	—
South Meadow (CT)	—	14,726	—	—	—	427,389	—	41	—	—	52
Stevenson (CT)	—	—	—	97,811	—	—	—	—	—	—	—
Taftville (CT)	—	—	—	7,146	—	—	—	—	—	—	—
Torrington (CT)	—	1,013	—	—	—	—	—	3	—	—	1
Tunnel (CT)	—	756	—	10,400	—	—	—	2	—	—	1
Consol Edison Co N Y Inc	**—**	**1,924,920**	**8,653,892**	**—**	**2,460,109**	**—**	**—**	**3,615**	**91,465**	**—**	**2,498**
Arthur Kill (NY)	—	—	1,237,781	—	—	—	—	—	12,641	—	—
Astoria (NY)	—	900,853	3,509,204	—	—	—	—	1,496	35,700	—	137
Buchanan (NY)	—	2,126	—	—	—	—	—	7	—	—	4
East River (NY)	—	259,283	231,769	—	—	—	—	566	3,090	—	130
Gowanus (NY)	—	114,743	—	—	—	—	—	358	—	—	57
Hudson Avenue (NY)	—	2,574	—	—	—	—	—	9	—	—	4
Indian Point (NY)	—	1,008	—	—	2,460,109	—	—	4	—	—	14
Narrows (NY)	—	26,377	65,003	—	—	—	—	83	1,077	—	61
Oil Storage (NY)	—	—	—	—	—	—	—	—	—	—	1,686

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Consol Edison Co N Y Inc											
Oil Storage (NY)	—	—	—	—	—	—	—	—	—	—	267
Ravenswood (NY)	—	620,133	3,102,402	—	—	—	—	1,067	32,701	—	134
Waterside (NY)	—	1,074	507,733	—	—	—	—	2	6,255	—	—
59Th Street (NY)	—	—	—	—	—	—	—	—	—	—	—
74Th Street (NY)	—	–3,251	—	—	—	—	—	22	—	—	2
Consolidated Water Pwr Co	**—**	**—**	**—**	**143,641**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Biron (WI)	—	—	—	29,755	—	—	—	—	—	—	—
Du Bay (WI)	—	—	—	36,945	—	—	—	—	—	—	—
Stevens Point (WI)	—	—	—	21,457	—	—	—	—	—	—	—
Wisconsin Rapids (WI)	—	—	—	40,527	—	—	—	—	—	—	—
Wisconsin River Di (WI)	—	—	—	14,957	—	—	—	—	—	—	—
Consumers Power Co	**18,336,288**	**551,185**	**316,326**	**–534,935**	**5,363,942**	**—**	**8,202**	**1,215**	**4,529**	**1,210**	**410**
Alcona (MI)	—	—	—	26,424	—	—	—	—	—	—	—
Allegan Dam (MI)	—	—	—	12,755	—	—	—	—	—	—	—
Big Rock Point (MI)	—	—	—	—	—	—	—	—	—	—	—
Campbell, J H (MI)	9,126,901	15,574	—	—	—	—	3,913	27	—	441	6
Cobb, B C (MI)	2,157,048	1,998	8,205	—	—	—	1,121	3	82	478	—
Cooke (MI)	—	—	—	25,583	—	—	—	—	—	—	—
Croton (MI)	—	—	—	34,062	—	—	—	—	—	—	—
Five Channels (MI)	—	—	—	23,570	—	—	—	—	—	—	—
Foote (MI)	—	—	—	30,546	—	—	—	—	—	—	—
Gaylord (MI)	—	—	14,104	—	—	—	—	—	224	—	—
Hardy (MI)	—	—	—	79,912	—	—	—	—	—	—	—
Hodenpyl (MI)	—	—	—	37,287	—	—	—	—	—	—	—
Karn, D E (MI)	2,944,465	520,535	252,283	—	—	—	1,310	1,159	3,533	113	402
Loud (MI)	—	—	—	18,039	—	—	—	—	—	—	—
Ludington (MI)	—	—	—	–930,349	—	—	—	—	—	—	—
Mio (MI)	—	—	—	14,635	—	—	—	—	—	—	—
Morrow, B E (MI)	—	—	3,898	—	—	—	—	—	60	—	—
Palisades (MI)	—	—	—	—	5,363,942	—	—	—	—	—	—
Rogers (MI)	—	—	—	25,290	—	—	—	—	—	—	—
Straits (MI)	—	—	3,195	—	—	—	—	—	54	—	—
Thetford (MI)	—	—	33,642	—	—	—	—	—	558	—	—
Tippy, C W (MI)	—	—	—	54,793	—	—	—	—	—	—	—
Weadock, J C (MI)	2,209,688	3,738	999	—	—	—	1,045	7	17	43	—
Webber (MI)	—	—	—	12,518	—	—	—	—	—	—	—
Whiting, J R (MI)	1,898,186	9,340	—	—	—	—	812	18	—	135	3
Coon Rapids (City of)	**—**	**129**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Coon Rapids (IA)	—	129	—	—	—	—	—	*	—	—	*
Cooperative Power Asso	**7,730,938**	**12,212**	**—**	**—**	**—**	**—**	**7,097**	**26**	**—**	**446**	**17**
Bonifacius (MN)	—	6,935	—	—	—	—	—	15	—	—	10
Coal Creek (ND)	7,730,938	5,277	—	—	—	—	7,097	10	—	446	8
Copper Valley Elec Assn	**—**	**33,297**	**—**	**48,965**	**—**	**—**	**—**	**60**	**—**	**—**	**2**
Glennallen (AK)	—	18,939	—	—	—	—	—	33	—	—	1
Valdez (AK)	—	—	—	48,965	—	—	—	—	—	—	—
Valdez (AK)	—	14,358	—	—	—	—	—	26	—	—	1
Cordova Electrical Co-Op	**—**	**20,820**	**—**	**2,737**	**—**	**—**	**—**	**38**	**—**	**—**	**1**
Cordova (AK)	—	8,972	—	—	—	—	—	16	—	—	*
Humpback Creek (AK)	—	—	—	2,737	—	—	—	—	—	—	—
Ocean Dock (AK)	—	11,848	—	—	—	—	—	21	—	—	*
Corn belt Power Coop	**36,849**	**—**	**132**	**—**	**—**	**—**	**22**	**—**	**2**	**21**	**—**
Humboldt (IA)	–317	—	—	—	—	—	—	—	—	—	—
Wisdom, Earl F (IA)	37,166	—	132	—	—	—	22	—	2	21	—
Corning (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Corning (IA)	—	—	—	—	—	—	—	—	—	—	—
Craig-Botetourt Elec Coop	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
New Castle (VA)	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Crawfordsville (City of)	**11,620**	**16**	**74**	**—**	**—**	**—**	**9**	*****	**1**	**2**	*****
Crawfordsville (IN)	11,620	16	74	—	—	—	9	*	1	2	*
Crete (City of)	**—**	**217**	**1,759**	**—**	**—**	**—**	**—**	**1**	**52**	**—**	**2**
Crete (NE)	—	217	1,759	—	—	—	—	1	52	—	2
Crisp County Power Comm	**1,650**	**—**	**4,493**	**51,625**	**—**	**—**	**2**	**—**	**78**	**2**	**—**
Crisp (GA)	1,650	—	4,493	—	—	—	2	—	78	2	—
Warwick (GA)	—	—	—	51,625	—	—	—	—	—	—	—
Crystal Falls (City of)	**—**	**—**	**—**	**422**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Crystal Falls (MI)	—	—	—	422	—	—	—	—	—	—	—
Culpeper (Town of)	**—**	**687**	**210**	**—**	**—**	**—**	**—**	**2**	**2**	**—**	*****
Culpeper (VA)	—	687	210	—	—	—	—	2	2	—	*
Cumberland (City of)	**—**	**816**	**1**	**—**	**—**	**—**	**—**	**1**	*****	**—**	**1**
Cumberland (WI)	—	816	1	—	—	—	—	1	*	—	1
Curtis (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Curtis (NE)	—	—	—	—	—	—	—	—	—	—	—
Cushing (City of)	**—**	**750**	**1,504**	**—**	**—**	**—**	**—**	**2**	**25**	**—**	**1**
Cushing (OK)	—	750	1,504	—	—	—	—	2	25	—	1
Dahlberg Light and Pwr Co	**—**	**—**	**—**	**1,236**	**—**	**—**	**—**	*****	**—**	**—**	*****
Gordon (WI)	—	—	—	—	—	—	—	*	—	—	*
Nancy (WI)	—	—	—	1,236	—	—	—	—	—	—	—
Solon Diesel (WI)	—	—	—	—	—	—	—	*	—	—	*
Dairyland Power Coop	**4,128,646**	**8,387**	**—**	**37,347**	**—**	**—**	**2,377**	**17**	**—**	**979**	**8**
Alma (WI)	690,156	1,054	—	—	—	—	395	2	—	160	*
Flambeau (WI)	—	—	—	37,347	—	—	—	—	—	—	—
Genoa (WI)	1,476,958	3,852	—	—	—	—	731	7	—	615	3
J P Madgett (WI)	1,961,532	3,481	—	—	—	—	1,252	8	—	204	5
Danville (City of)	**—**	**—**	**—**	**24,509**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Pinnacles (VA)	—	—	—	24,509	—	—	—	—	—	—	—
Dayton (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Dayton (IA)	—	—	—	—	—	—	—	—	—	—	—
Dayton Pwr & Lgt Co (The)	**19,705,635**	**55,533**	**118,073**	**—**	**—**	**—**	**8,243**	**99**	**1,407**	**1,286**	**101**
Frank M Tait (OH)	—	8,411	79,068	—	—	—	—	19	976	—	27
Hutchings (OH)	670,502	—	34,346	—	—	—	295	*	355	197	1
Killen Station (OH)	4,771,882	15,316	—	—	—	—	2,010	27	—	204	58
Monument (OH)	—	3,178	—	—	—	—	—	6	—	—	1
Sidney (OH)	—	3,367	—	—	—	—	—	6	—	—	1
Stuart, J M (OH)	14,263,251	25,105	—	—	—	—	5,938	42	—	886	5
Yankee Street (OH)	—	156	4,659	—	—	—	—	1	76	—	8
Delano (City of)	**—**	**558**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	**2**
Delano (MN)	—	558	—	—	—	—	—	1	—	—	2
Delmarva Power & Light Co	**3,811,669**	**1,325,230**	**1,267,847**	**—**	**—**	**—**	**1,592**	**2,262**	**11,065**	**470**	**848**
Bayview (VA)	—	8,814	—	—	—	—	—	16	—	—	1
Christiana (DE)	—	8,879	—	—	—	—	—	25	—	—	9
Crisfield (MD)	—	6,855	—	—	—	—	—	12	—	—	2
Delaware City (DE)	—	80	—	—	—	—	—	*	—	—	4
Edge Moor (DE)	1,238,869	1,039,670	222,264	—	—	—	523	1,679	2,978	87	591
Hay Road (DE)	—	1,071	1,045,583	—	—	—	—	3	8,087	—	69
Indian River (DE)	2,572,800	34,084	—	—	—	—	1,069	70	—	383	9
Madison Street (DE)	—	188	—	—	—	—	—	1	—	—	1
Tasley (VA)	—	6,371	—	—	—	—	—	19	—	—	10
Vienna (MD)	—	218,206	—	—	—	—	—	434	—	—	150
West Substation (DE)	—	1,012	—	—	—	—	—	3	—	—	2

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Delta (City of)	—	**20**	**228**	—	—	—	—	*	**3**	—	*
Delta (CO)	—	20	228	—	—	—	—	*	3	—	*
Denton (City of)	—	—	**339,838**	**15,460**	—	—	—	—	**4,150**	—	**25**
Lewisdale (TX)	—	—	—	12,254	—	—	—	—	—	—	—
Roberts (TX)	—	—	—	3,206	—	—	—	—	—	—	—
Spencer (TX)	—	—	339,838	—	—	—	—	—	4,150	—	25
Deseret Gen & Trans Coop	**3,456,787**	**1,799**	—	—	—	—	**1,735**	**3**	—	**258**	**7**
Bonanza (UT)	3,456,787	1,799	—	—	—	—	1,735	3	—	258	7
Deshler (City of)	—	**11**	—	—	—	—	—	*	—	—	*
Deshler (NE)	—	11	—	—	—	—	—	*	—	—	*
Detroit (City of)	—	**145,876**	**177,005**	—	—	—	—	**330**	**2,188**	—	**112**
Mistersky (MI)	—	145,876	177,005	—	—	—	—	330	2,188	—	112
Detroit Edison Co (The)	**43,937,916**	**233,118**	**1,534,732**	—	**7,130,211**	—	**22,069**	**467**	**40,065**	**5,750**	**865**
Beacon Heating (MI)	—	—	57,522	—	—	—	—	—	4,433	—	7
Belle River (MI)	9,269,533	16,583	—	—	—	—	5,155	30	—	—	17
Central Storage (MI)	—	—	—	—	—	—	—	—	—	1,073	—
Colfax (MI)	—	1,602	—	—	—	—	—	4	—	—	*
Conners Creek (MI)	—	818	—	—	—	—	—	2	—	—	1
Dayton (MI)	—	1,352	—	—	—	—	—	3	—	—	*
Enrico Fermi (MI)	—	5,400	—	—	7,130,211	—	—	17	—	—	11
Greenwood (MI)	—	109,694	1,096,401	—	—	—	—	218	12,636	—	689
Hancock (MI)	—	—	15,048	—	—	—	—	—	272	—	—
Harbor Beach (MI)	267,799	3,717	—	—	—	—	121	8	—	62	1
Marysville (MI)	178,841	—	13,257	—	—	—	102	—	203	38	—
Monroe (MI)	18,650,494	37,805	—	—	—	—	8,611	64	—	1,639	6
Northeast (MI)	—	4,077	6,407	—	—	—	—	11	119	—	2
Oliver (MI)	—	1,829	—	—	—	—	—	5	—	—	*
Placid (MI)	—	1,988	—	—	—	—	—	4	—	—	*
Putnam (MI)	—	1,816	—	—	—	—	—	4	—	—	1
River Rouge (MI)	3,434,021	1,485	305,799	—	—	—	1,614	3	21,967	74	2
Slocum (MI)	—	2,026	—	—	—	—	—	4	—	—	1
St. Clair (MI)	7,972,579	27,048	40,298	—	—	—	4,365	49	436	2,775	111
Superior (MI)	—	5,298	—	—	—	—	—	21	—	—	1
Trenton Channel (MI)	4,164,649	8,685	—	—	—	—	2,101	16	—	88	16
Wilmott (MI)	—	1,895	—	—	—	—	—	4	—	—	1
Detroit Lakes (City of)	—	—	—	—	—	—	—	—	—	—	—
Detroit Lakes (MN)	—	—	—	—	—	—	—	—	—	—	—
Douglas Pub Util Dist # 1	—	—	—	**4,331,146**	—	—	—	—	—	—	—
Wells (WA)	—	—	—	4,331,146	—	—	—	—	—	—	—
Dover (City of)	—	**146,532**	**3,758**	—	—	—	—	**325**	**70**	—	**56**
Mckee Run (DE)	—	141,052	2,140	—	—	—	—	313	51	—	51
Van Sant (DE)	—	5,480	1,618	—	—	—	—	12	20	—	5
Dover (City of)	**65,838**	**77**	**4,366**	—	—	—	**44**	*	**64**	**1**	*
Dover (OH)	65,838	77	4,366	—	—	—	44	*	64	1	*
Dowagiac (City of)	—	**331**	**254**	—	—	—	—	**1**	**3**	—	*
Dowagiac (MI)	—	331	254	—	—	—	—	1	3	—	*
Duke Power Co	**42,153,550**	**149,187**	**775,964**	**1,698,514**	**53,751,204**	—	**15,986**	**333**	**10,521**	**2,052**	**318**
Allen (NC)	4,097,291	18,395	—	—	—	—	1,652	32	—	348	1
Bad Creek (SC)	—	—	—	–560,976	—	—	—	—	—	—	—
Bear Creek (NC)	—	—	—	34,893	—	—	—	—	—	—	—
Belews Creek (NC)	16,163,508	6,729	—	—	—	—	5,859	10	—	440	5
Bridgewater (NC)	—	—	—	63,909	—	—	—	—	—	—	—
Bryson (NC)	—	—	—	4,318	—	—	—	—	—	—	—
Buck (NC)	1,335,688	5,862	6,638	—	—	—	608	22	92	135	13
Buzzard Roost (SC)	—	5,801	21,741	60,017	—	—	—	18	386	—	21
Catawba (NC)	—	—	—	—	17,575,930	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Duke Power Co											
Cedar Cliff (NC)	—	—	—	26,201	—	—	—	—	—	—	—
Cedar Creek (SC)	—	—	—	144,851	—	—	—	—	—	—	—
Cliffside (NC)	3,815,378	6,377	—	—	—	—	1,467	11	—	220	2
Cowans Ford (NC)	—	—	—	181,289	—	—	—	—	—	—	—
Dan River (NC)	695,272	2,423	8,777	—	—	—	344	13	115	117	9
Dearborn (SC)	—	—	—	179,701	—	—	—	—	—	—	—
Dillsboro (NC)	—	—	—	739	—	—	—	—	—	—	—
Fishing Creek (SC)	—	—	—	163,896	—	—	—	—	—	—	—
Franklin (NC)	—	—	—	4,259	—	—	—	—	—	—	—
Gaston Shoals (SC)	—	—	—	26,077	—	—	—	—	—	—	—
Great Falls (SC)	—	—	—	44,557	—	—	—	—	—	—	—
Jocassee (SC)	—	—	—	–171,404	—	—	—	—	—	—	—
Keowee (SC)	—	—	—	86,189	—	—	—	—	—	—	—
Lee (SC)	941,308	2,159	12,290	—	—	—	400	16	141	154	11
Lincoln (NC)	—	75,886	707,237	—	—	—	—	168	9,589	—	222
Lookout Shoals (NC)	—	—	—	112,917	—	—	—	—	—	—	—
Marshall (NC)	13,552,059	19,876	—	—	—	—	4,983	31	—	403	10
Mc Guire (NC)	—	—	—	—	18,750,906	—	—	—	—	—	—
Mission (NC)	—	—	—	—	—	—	—	—	—	—	—
Mountain Island (NC)	—	—	—	129,415	—	—	—	—	—	—	—
Nantahala (NC)	—	—	—	231,626	—	—	—	—	—	—	—
Oconee (SC)	—	—	—	—	17,424,368	—	—	—	—	—	—
Oxford (NC)	—	—	—	90,257	—	—	—	—	—	—	—
Queens Creek (NC)	—	—	—	4,743	—	—	—	—	—	—	—
Rhodhiss (NC)	—	—	—	75,033	—	—	—	—	—	—	—
Riverbend (NC)	1,553,046	5,679	19,281	—	—	—	673	12	199	234	25
Rocky Creek (SC)	—	—	—	42,789	—	—	—	—	—	—	—
Tennessee Creek (NC)	—	—	—	40,047	—	—	—	—	—	—	—
Thorpe (NC)	—	—	—	102,458	—	—	—	—	—	—	—
Tuckasegee (NC)	—	—	—	12,117	—	—	—	—	—	—	—
Tuxedo (NC)	—	—	—	23,974	—	—	—	—	—	—	—
Wateree (SC)	—	—	—	294,459	—	—	—	—	—	—	—
Wylie (SC)	—	—	—	178,581	—	—	—	—	—	—	—
99 Islands (SC)	—	—	—	71,582	—	—	—	—	—	—	—
Duquesne Lgt Co	**4,545,196**	**22,005**	**22,967**	**—**	**4,484,627**	**—**	**2,037**	**85**	**250**	**408**	**31**
Beaver Valley (PA)	—	—	—	—	4,484,627	—	—	—	—	—	—
Brunot Island (PA)	—	5,740	—	—	—	—	—	53	—	—	29
Cheswick (PA)	2,271,393	—	22,967	—	—	—	914	—	250	260	—
Elrama (PA)	2,273,803	16,265	—	—	—	—	1,123	32	—	148	2
Phillips, F (PA)	—	—	—	—	—	—	—	—	—	—	—
Durant (City of)	**—**	**286**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Durant (IA)	—	286	—	—	—	—	—	*	—	—	*
East Bay Mun Utility Dist	**—**	**—**	**—**	**240,894**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Camanche (CA)	—	—	—	55,461	—	—	—	—	—	—	—
Pardee (CA)	—	—	—	185,433	—	—	—	—	—	—	—
East Kentucky Power Coop	**9,057,949**	**19,121**	**133,472**	**—**	**—**	**—**	**3,694**	**39**	**1,636**	**566**	**96**
Cooper (KY)	1,834,501	2,107	—	—	—	—	753	4	—	113	1
Dale (KY)	1,026,778	2,486	—	—	—	—	481	5	—	46	*
Smith (KY)	—	11,344	133,472	—	—	—	—	25	1,636	—	91
Spurlock, H L (KY)	6,196,670	3,184	—	—	—	—	2,460	5	—	406	3
Eastern Maine Elec Coop	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Portable (ME)	—	—	—	—	—	—	—	—	—	—	—
Easton (City of)	**—**	**6,068**	**213**	**—**	**—**	**—**	**—**	**12**	**3**	**—**	**14**
Easton (MD)	—	3,597	15	—	—	—	—	7	*	—	7
Easton No. 2 (MD)	—	2,471	198	—	—	—	—	5	3	—	8
Edison Sault Electric Co	**—**	**160**	**—**	**170,847**	**—**	**—**	**—**	**1**	**—**	**—**	*****
Edison Sault (MI)	—	—	—	170,847	—	—	—	—	—	—	—
Manistique (MI)	—	160	—	—	—	—	—	1	—	—	*

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Egegik Light & Power Co	—	**800**	—	—	—	—	—	**2**	—	—	—
Egegik (AK)	—	800	—	—	—	—	—	2	—	—	—
El Paso Electric Co	—	—	**3,162,428**	—	—	—	—	—	**34,960**	—	**70**
Copper (TX)	—	—	79,226	—	—	—	—	—	1,132	—	6
Newman (TX)	—	—	2,154,676	—	—	—	—	—	23,254	—	33
Rio Grande (NM)	—	—	928,526	—	—	—	—	—	10,574	—	31
Electra (City of)	—	—	—	—	—	—	—	—	—	—	—
Electra (TX)	—	—	—	—	—	—	—	—	—	—	—
Electric Energy Inc	**8,069,291**	**1,013**	**19,665**	—	—	—	**4,936**	**2**	**195**	**610**	*
Joppa Steam (IL)	8,069,291	1,013	19,665	—	—	—	4,936	2	195	610	*
Elk River (City of)	—	**203**	—	—	—	—	—	*	—	—	**1**
Elk River (MN)	—	203	—	—	—	—	—	*	—	—	1
Ellinwood (City of)	—	**120**	**1,541**	—	—	—	—	*	**18**	—	*
Ellinwood (KS)	—	120	1,541	—	—	—	—	*	18	—	*
Elroy (City of)	—	**29**	—	—	—	—	—	*	—	—	*
Elroy (WI)	—	29	—	—	—	—	—	*	—	—	*
Emerson (City of)	—	**39**	**200**	—	—	—	—	*	**3**	—	*
Emerson (NE)	—	39	200	—	—	—	—	*	3	—	*
Empire District Elec Co	**1,626,132**	**4,707**	**419,653**	**70,631**	—	—	**1,049**	**12**	**5,634**	**204**	**72**
Asbury (MO)	1,182,757	1,097	—	—	—	—	754	2	—	163	1
Energy Center (MO)	—	–111	138,174	—	—	—	—	*	2,152	—	49
Ozark Beach (MO)	—	—	—	70,631	—	—	—	—	—	—	—
Riverton (KS)	443,375	38	21,477	—	—	—	294	*	358	40	8
State Line (MO)	—	3,683	260,002	—	—	—	—	10	3,124	—	15
Enosburg Falls (Village)	—	**6**	—	**4,762**	—	—	—	*	—	—	*
Diesel Plt (VT)	—	6	—	—	—	—	—	*	—	—	*
Kendall (VT)	—	—	—	1,407	—	—	—	—	—	—	—
Village Plt (VT)	—	—	—	3,355	—	—	—	—	—	—	—
Ephraim (City of)	—	—	—	**8,315**	—	—	—	—	—	—	—
No 1 (UT)	—	—	—	1,057	—	—	—	—	—	—	—
No. 3 (UT)	—	—	—	6,923	—	—	—	—	—	—	—
No.4 (UT)	—	—	—	335	—	—	—	—	—	—	—
Erie (City of)	—	—	—	—	—	—	—	—	—	—	—
Erie (KS)	—	—	—	—	—	—	—	—	—	—	—
Escondido Mutual Water Co	—	—	—	**3,197**	—	—	—	—	—	—	—
Bear Valley (CA)	—	—	—	3,061	—	—	—	—	—	—	—
Rincon Pwr (CA)	—	—	—	136	—	—	—	—	—	—	—
Estherville (City of)	—	**9**	**137**	—	—	—	—	*	**1**	—	*
Esterville (IA)	—	9	137	—	—	—	—	*	1	—	*
Eugene (City of)	—	—	—	**433,676**	—	—	—	—	—	—	—
Carmen (OR)	—	—	—	278,111	—	—	—	—	—	—	—
Leaburg (OR)	—	—	—	96,566	—	—	—	—	—	—	—
Walterville (OR)	—	—	—	58,999	—	—	—	—	—	—	—
Willamette (OR)	—	—	—	—	—	—	—	—	—	—	—
Fairbury (City of)	—	—	**5,323**	—	—	—	—	—	**86**	—	**1**
Fairbury (NE)	—	—	5,323	—	—	—	—	—	86	—	1
Fairfax (City of)	—	—	—	—	—	—	—	—	—	—	—
Fairfax (MN)	—	—	—	—	—	—	—	—	—	—	—
Fairfield (City of)	—	—	—	—	—	—	—	—	—	—	—
Fairfield (IL)	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Fairmont (City of)	—	**–49**	**8,699**	—	—	—	—	**1**	**157**	—	**1**
Fairmont (MN)	—	–49	8,699	—	—	—	—	1	157	—	1
Fairview (City of)	—	—	—	—	—	—	—	—	—	—	—
Fairview (OK)	—	—	—	—	—	—	—	—	—	—	—
Fall River Rural El Coop	—	—	—	**62,192**	—	—	—	—	—	—	—
Felt (ID)	—	—	—	—	—	—	—	—	—	—	—
Island Park (ID)	—	—	—	28,364	—	—	—	—	—	—	—
New Felt (ID)	—	—	—	33,828	—	—	—	—	—	—	—
Falls City (City of)	—	**33**	**4,840**	—	—	—	—	**1**	**48**	—	*****
Falls City (NE)	—	33	4,840	—	—	—	—	1	48	—	*
Farmer (City of)	—	**110**	**369**	—	—	—	—	*****	**4**	—	*****
Farmer City (IL)	—	110	369	—	—	—	—	*	4	—	*
Farmington (City of)	—	—	**180,165**	**120,359**	—	—	—	—	**1,726**	—	—
Animas (NM)	—	—	180,165	—	—	—	—	—	1,726	—	—
Navajo (NM)	—	—	—	120,359	—	—	—	—	—	—	—
Farmington River Power Co	—	—	—	**34,237**	—	—	—	—	—	—	—
Rainbow (CT)	—	—	—	34,237	—	—	—	—	—	—	—
Fayette (City of)	—	**301**	—	—	—	—	—	**1**	—	—	*****
Fayette (MO)	—	301	—	—	—	—	—	1	—	—	*
Fayetteville (City of)	—	**450**	**175,394**	—	—	—	—	**2**	**1,979**	—	**65**
Pod #2 (NC)	—	450	175,394	—	—	—	—	2	1,979	—	65
Fennimore (City of)	—	**152**	—	—	—	—	—	*****	—	—	*****
Fennimore (WI)	—	152	—	—	—	—	—	*	—	—	*
Fishers Is Elec Corp (The	—	—	—	—	—	—	—	—	—	—	—
Fishers Isl (NY)	—	—	—	—	—	—	—	—	—	—	—
Fitchburg Gas & Elec Lgt	—	**285**	—	—	—	—	—	**1**	—	—	—
Fitchburg (MA)	—	285	—	—	—	—	—	1	—	—	—
Florida Keys El Coop Inc	—	**981**	—	—	—	—	—	**3**	—	—	**8**
Marathon (FL)	—	981	—	—	—	—	—	3	—	—	8
Florida Power & Light Co	—	**25,648,802**	**23,390,220**	—	**25,242,744**	—	—	**40,955**	**195,611**	—	**5,373**
Cape Canaveral (FL)	—	2,566,949	906,938	—	—	—	—	3,930	9,116	—	565
Cutler (FL)	—	—	254,805	—	—	—	—	—	3,029	—	—
Fort Meyers (FL)	—	3,385,356	—	—	—	—	—	5,223	—	—	461
Lauderdale (FL)	—	31,530	6,878,592	—	—	—	—	76	53,779	—	162
Manatee (FL)	—	5,422,707	—	—	—	—	—	8,932	—	—	1,388
Martin (FL)	—	2,679,702	9,353,675	—	—	—	—	4,239	70,668	—	822
Port Everglades (FL)	—	3,895,027	862,061	—	—	—	—	6,177	10,268	—	759
Putnam (FL)	—	5,606	2,415,995	—	—	—	—	9	21,927	—	41
Riviera (FL)	—	2,805,581	485,101	—	—	—	—	4,406	4,947	—	198
Sanford (FL)	—	2,710,475	866,593	—	—	—	—	4,676	8,371	—	522
St. Lucie (FL)	—	—	—	—	13,649,561	—	—	—	—	—	—
Turkey Point (FL)	—	2,145,869	1,366,460	—	11,593,183	—	—	3,286	13,504	—	453
Florida Power Corporation	**14,892,756**	**7,779,191**	**2,480,783**	—	**5,872,675**	—	**5,696**	**12,756**	**25,264**	**621**	**1,403**
Anclote (FL)	—	4,369,792	—	—	—	—	—	6,701	—	—	249
Avon Park (FL)	—	7,723	12,941	—	—	—	—	23	200	—	6
Bartow Nth (FL)	—	—	—	—	—	—	—	—	—	—	141
Bartow Sth (FL)	—	—	—	—	—	—	—	—	—	—	128
Bartow Sth (FL)	—	—	—	—	—	—	—	—	—	—	*
Bartow, P L (FL)	—	2,400,304	153,410	—	—	—	—	3,802	1,959	—	181
Bayboro (FL)	—	87,806	—	—	—	—	—	207	—	—	42
Crystal River (FL)	14,892,756	57,586	—	—	5,872,675	—	5,696	96	—	621	15
Debary (FL)	—	245,530	252,252	—	—	—	—	583	3,234	—	256
Higgins (FL)	—	243	79,633	—	—	—	—	1	1,284	—	9

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Florida Power Corporation											
Hines Energy (FL)	—	—	—	—	—	—	—	—	—	—	—
Intercession City (FL)	—	257,885	413,677	—	—	—	—	622	5,153	—	211
Port St. Joe (FL)	—	—	—	—	—	—	—	—	—	—	—
Rio Pinar (FL)	—	2,124	—	—	—	—	—	7	—	—	2
Suwannee River (FL)	—	297,743	184,472	—	—	—	—	574	2,634	—	113
Tiger Bay (FL)	—	—	1,215,500	—	—	—	—	—	8,983	—	—
Turner, G E (FL)	—	52,455	—	—	—	—	—	140	—	—	50
Univ Proj (FL)	—	—	168,898	—	—	—	—	—	1,817	—	1
Floydada (City of)	**—**	**12**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Floydada (TX)	—	12	—	—	—	—	—	*	—	—	*
Forest City (City of)	**—**	**602**	**—**	**—**	**—**	**—**	**—**	**2**	**—**	**—**	**3**
Forest City (IA)	—	602	—	—	—	—	—	2	—	—	3
Fort Pierce (City of)	**—**	**931**	**93,705**	**—**	**—**	**—**	**—**	**2**	**1,163**	**—**	**21**
King (FL)	—	931	93,705	—	—	—	—	2	1,163	—	21
Franklin (City of)	**—**	**20**	**55**	**—**	**—**	**—**	**—**	*****	**1**	**—**	*****
Franklin (NE)	—	20	55	—	—	—	—	*	1	—	*
Fredonia (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Fredonia (KS)	—	—	—	—	—	—	—	—	—	—	—
Freeburg (City of)	**—**	**1,241**	**—**	**—**	**—**	**—**	**—**	**2**	**—**	**—**	*****
Freeburg (IL)	—	1,241	—	—	—	—	—	2	—	—	*
Freeport (Village of)	**—**	**–2,216**	**—**	**—**	**—**	**—**	**—**	**4**	**—**	**—**	**6**
Plant No 1 (NY)	—	–847	—	—	—	—	—	1	—	—	1
Plant No 2 (NY)	—	–1,369	—	—	—	—	—	3	—	—	5
Fremont (City of)	**288,803**	**1,409**	**10,285**	**—**	**—**	**—**	**195**	**2**	**123**	**62**	**1**
Lon Wright (NE)	288,803	1,409	10,285	—	—	—	195	2	123	62	1
Fulton (City of)	**—**	**462**	**1,694**	**—**	**—**	**—**	**—**	**1**	**26**	**—**	**3**
Fulton (MO)	—	462	1,694	—	—	—	—	1	26	—	3
Gainesville (City of)	**1,373,009**	**19,904**	**397,189**	**—**	**—**	**—**	**570**	**38**	**4,739**	**101**	**111**
Deerhaven (FL)	1,373,009	12,479	298,417	—	—	—	570	23	3,485	101	69
Kelly, J R (FL)	—	7,425	98,772	—	—	—	—	15	1,254	—	42
Gallatin (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Gallatin (MO)	—	—	—	—	—	—	—	—	—	—	—
Gardner (City of)	**—**	**—**	**23,846**	**—**	**—**	**—**	**—**	**—**	**394**	**—**	**—**
Gardner (KS)	—	—	23,846	—	—	—	—	—	394	—	—
Garkane Power Assn Inc	**—**	**—**	**—**	**28,326**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Boulder (UT)	—	—	—	28,326	—	—	—	—	—	—	—
Garland Mun Utils (City)	**—**	**175**	**1,294,203**	**—**	**—**	**—**	**—**	**2**	**14,350**	**—**	**107**
Newman, C E (TX)	—	—	79,456	—	—	—	—	—	1,003	—	17
Olinger, Ray (TX)	—	175	1,214,747	—	—	—	—	2	13,348	—	89
Garnett (City of)	**—**	**2,893**	**2,256**	**—**	**—**	**—**	**—**	**4**	**30**	**—**	**1**
Garnett (KS)	—	2,893	2,256	—	—	—	—	4	30	—	1
Geneseo (City of)	**—**	**311**	**1,222**	**—**	**—**	**—**	**—**	**1**	**11**	**—**	**1**
Geneseo (IL)	—	311	1,222	—	—	—	—	1	11	—	1
Georgia Power Co	**68,120,110**	**628,412**	**714,533**	**2,380,599**	**31,380,401**	**—**	**29,891**	**1,508**	**8,626**	**3,319**	**588**
Arkwright (GA)	217,701	–18	164,023	—	—	—	120	*	1,976	41	17
Atkinson (GA)	—	4,958	273,938	—	—	—	—	20	3,951	—	101
Barnett Shoals (GA)	—	—	—	7,704	—	—	—	—	—	—	—
Bartlett Ferry (GA)	—	—	—	538,022	—	—	—	—	—	—	—
Bowen (GA)	19,981,949	49,154	—	—	—	—	7,773	87	—	729	12

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Georgia Power Co											
Burton (GA)	—	—	—	21,653	—	—	—	—	—	—	—
Estatoah (GA)	—	—	—	—	—	—	—	—	—	—	—
Flint River (GA)	—	—	—	24,604	—	—	—	—	—	—	—
Goat Rock (GA)	—	—	—	136,888	—	—	—	—	—	—	—
Hammond (GA)	3,116,069	8,390	—	—	—	—	1,255	16	—	140	2
Harllee Branch (GA)	8,157,822	13,433	—	—	—	—	3,241	23	—	264	1
Hatch, Edwin I. (GA)	—	—	—	—	12,774,842	—	—	—	—	—	—
Langdale (GA)	—	—	—	2,861	—	—	—	—	—	—	—
Lloyd Shoals (GA)	—	—	—	68,599	—	—	—	—	—	—	—
Mcdonough, J (GA)	3,493,055	2,391	144,667	—	—	—	1,336	5	1,223	—	—
Mcmanus (GA)	—	243,532	—	—	—	—	—	651	—	—	131
Mitchell, W (GA)	517,821	82,275	—	—	—	—	238	167	—	5	42
Morgan Falls (GA)	—	—	—	64,860	—	—	—	—	—	—	—
Nacoochee (GA)	—	—	—	15,086	—	—	—	—	—	—	—
North Highlands (GA)	—	—	—	151,355	—	—	—	—	—	—	—
Oliver Dam (GA)	—	—	—	249,308	—	—	—	—	—	—	—
Riverview (GA)	—	—	—	1,443	—	—	—	—	—	—	—
Robins (GA)	—	16,931	131,905	—	—	—	—	29	1,476	—	32
Scherer (GA)	17,987,632	10,098	—	—	—	—	9,987	20	—	1,357	21
Sinclair Dam (GA)	—	—	—	164,777	—	—	—	—	—	—	—
Tallulah Falls (GA)	—	—	—	171,362	—	—	—	—	—	—	—
Terrora (GA)	—	—	—	52,083	—	—	—	—	—	—	—
Tugalo (GA)	—	—	—	131,342	—	—	—	—	—	—	—
Vogtle (GA)	—	—	—	—	18,605,559	—	—	—	—	—	—
Wallace Dam (GA)	—	—	—	518,512	—	—	—	—	—	—	—
Wansley (GA)	9,844,352	46,254	—	—	—	—	3,973	82	—	403	33
Wilson (GA)	—	143,408	—	—	—	—	—	392	—	—	194
Yates (GA)	4,803,709	7,606	—	—	—	—	1,967	14	—	380	3
Yonah (GA)	—	—	—	60,140	—	—	—	—	—	—	—
Girard (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Girard (KS)	—	—	—	—	—	—	—	—	—	—	—
Glencoe (City of)	**—**	**2,571**	**2,434**	**—**	**—**	**—**	**—**	**4**	**24**	**—**	**1**
Glencoe (MN)	—	2,571	2,434	—	—	—	—	4	24	—	1
Glendale (City of)	**—**	**—**	**227,204**	**—**	**—**	**—**	**—**	**—**	**2,898**	**—**	**40**
Grayson (CA)	—	—	227,204	—	—	—	—	—	2,898	—	40
Golden Valley Elec Assn	**171,053**	**454,897**	**—**	**—**	**—**	**—**	**162**	**829**	**—**	**—**	**5**
Chena (AK)	14,514	2	—	—	—	—	15	*	—	—	*
Fairbanks (AK)	—	1,448	—	—	—	—	—	7	—	—	2
Healy (AK)	156,539	1,699	—	—	—	—	146	7	—	—	1
North Pole (AK)	—	451,748	—	—	—	—	—	815	—	—	1
Goodland (City of)	**—**	**600**	**4,064**	**—**	**—**	**—**	**—**	**1**	**46**	**—**	**2**
Goodland (KS)	—	600	4,064	—	—	—	—	1	46	—	2
Gouverneur (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Gouverneur (NY)	—	—	—	—	—	—	—	—	—	—	—
Gowrie (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	*****
Gowrie (IA)	—	—	—	—	—	—	—	—	—	—	*
Graettinger (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Graettinger (IA)	—	—	—	—	—	—	—	—	—	—	—
Grafton (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Grafton (ND)	—	—	—	—	—	—	—	—	—	—	—
Grand Haven (City of)	**379,474**	**196**	**435**	**—**	**—**	**—**	**196**	*****	**4**	**80**	**10**
Harbor Avenue (MI)	—	196	435	—	—	—	—	*	4	—	10
J B Simms (MI)	379,474	—	—	—	—	—	196	—	—	80	—
Grand Island (City of)	**541,341**	**3,199**	**36,048**	**—**	**—**	**—**	**339**	**7**	**464**	**82**	**56**
Burdick, C W (NE)	—	3,199	36,048	—	—	—	—	7	464	—	56
Platte (NE)	541,341	—	—	—	—	—	339	—	—	82	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Grand Junction (City of)	—	**85**	—	—	—	—	—	*	—	—	*
Grand Junction (IA)	—	85	—	—	—	—	—	*	—	—	*
Grand Marais (Village of)	—	**199**	—	—	—	—	—	*	—	—	*
Grand Marias (MN)	—	199	—	—	—	—	—	*	—	—	*
Grand River Dam Authority	**5,994,334**	**18**	**33,747**	**818,236**	—	—	**3,748**	*	**364**	**764**	**2**
GRDA No 1 (OK)	5,994,334	18	33,747	—	—	—	3,748	*	364	764	2
Markham (OK)	—	—	—	391,202	—	—	—	—	—	—	—
Pensacola (OK)	—	—	—	515,769	—	—	—	—	—	—	—
Salina (OK)	—	—	—	–88,735	—	—	—	—	—	—	—
Granite Falls (City of)	—	—	—	**3,453**	—	—	—	—	—	—	—
Granite Falls (MN)	—	—	—	3,453	—	—	—	—	—	—	—
Grant Pub Util Dist # 2	—	—	—	**9,363,098**	—	—	—	—	—	—	—
Pec Hdwks (WA)	—	—	—	445	—	—	—	—	—	—	—
Priest Rapids (WA)	—	—	—	4,304,686	—	—	—	—	—	—	—
Quincy Chut (WA)	—	—	—	29,075	—	—	—	—	—	—	—
Wanapum (WA)	—	—	—	5,028,892	—	—	—	—	—	—	—
Green Mountain Power Corp	—	**36,477**	—	**165,538**	—	—	—	**88**	—	—	**12**
Berlin (VT)	—	29,372	—	—	—	—	—	69	—	—	9
Bolton Falls (VT)	—	—	—	33,164	—	—	—	—	—	—	—
Carthusians (VT)	—	—	—	—	—	—	—	—	—	—	—
Colchester (VT)	—	4,548	—	—	—	—	—	14	—	—	2
Essex Junction 19 (VT)	—	1,080	—	56,162	—	—	—	2	—	—	*
Gorge 18 (VT)	—	—	—	14,992	—	—	—	—	—	—	—
Marshfield 6 (VT)	—	—	—	8,663	—	—	—	—	—	—	—
Middlesex 2 (VT)	—	—	—	16,108	—	—	—	—	—	—	—
Searsburg (VT)	—	—	—	—	—	—	—	—	—	—	—
Vergennes 9 (VT)	—	1,477	—	9,534	—	—	—	3	—	—	*
Waterbury 22 (VT)	—	—	—	22,023	—	—	—	—	—	—	—
West Danville 15 (VT)	—	—	—	4,892	—	—	—	—	—	—	—
Greenfield (City of)	—	**406**	—	—	—	—	—	**1**	—	—	*
Greenfield (IA)	—	406	—	—	—	—	—	1	—	—	*
Greenport (City of)	—	**–205**	—	—	—	—	—	*	—	—	*
Greenport (NY)	—	–205	—	—	—	—	—	*	—	—	*
Greensburg (City of)	—	**50**	**1,188**	—	—	—	—	*	**14**	—	*
Greensburg (KS)	—	50	1,188	—	—	—	—	*	14	—	*
Greenville (City of)	—	—	—	—	—	—	—	—	—	—	—
Steam (TX)	—	—	—	—	—	—	—	—	—	—	—
Steam (TX)	—	—	—	—	—	—	—	—	—	—	—
Greenwood Utils (City of)	—	**1**	**41,517**	—	—	—	—	*	**587**	**9**	**6**
Henderson (MS)	—	1	35,625	—	—	—	—	*	529	9	4
Wright (MS)	—	—	5,892	—	—	—	—	—	57	*	2
Gresham (City of)	—	—	—	**3,280**	—	—	—	—	—	—	—
Lower Weed (WI)	—	—	—	1,449	—	—	—	—	—	—	—
Upper Weed (WI)	—	—	—	1,831	—	—	—	—	—	—	—
Grundy Center (City of)	—	**475**	**12**	—	—	—	—	**1**	*	—	*
Grundy Center (IA)	—	475	12	—	—	—	—	1	*	—	*
Guadalupe-Blanco Rvr Auth	—	—	—	**83,852**	—	—	—	—	—	—	—
Abbott Tp 3 (TX)	—	—	—	13,581	—	—	—	—	—	—	—
Canyon (TX)	—	—	—	20,318	—	—	—	—	—	—	—
Dunlap Tp 1 (TX)	—	—	—	19,445	—	—	—	—	—	—	—
H-4 (TX)	—	—	—	2,101	—	—	—	—	—	—	—
H-5 (TX)	—	—	—	8,456	—	—	—	—	—	—	—
Nolte (TX)	—	—	—	8,987	—	—	—	—	—	—	—
Nolte (TX)	—	—	—	10,964	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Gulf Power Company	**8,170,880**	**31,440**	**230,956**	**—**	**—**	**—**	**3,617**	**57**	**2,518**	**246**	**10**
Crist (FL)	5,566,521	3,184	230,956	—	—	—	2,468	6	2,518	173	2
Scholz (FL)	270,171	187	—	—	—	—	138	*	—	13	*
Smith (FL)	2,334,188	28,069	—	—	—	—	1,011	51	—	60	8
Gulf States Utilities Co	**3,079,968**	**24,977**	**19,376,673**	**316,752**	**7,826,197**	**—**	**1,995**	**55**	**204,688**	**330**	**663**
Lewis Creek (TX)	—	—	2,472,074	—	—	—	—	—	27,128	—	34
Louisiana 1 (LA)	—	—	1,315,344	—	—	—	—	—	11,313	—	—
Louisiana 2 (LA)	—	—	—	—	—	—	—	—	—	—	—
Neches (TX)	—	—	—	—	—	—	—	—	—	—	—
Nelson, R S (LA)	3,079,968	8,650	2,269,089	—	—	—	1,995	17	24,673	330	109
River Bend (LA)	—	—	—	—	7,826,197	—	—	—	—	—	—
Sabine (TX)	—	104	9,175,350	—	—	—	—	*	79,757	—	*
Toledo Bend (TX)	—	—	—	316,752	—	—	—	—	—	—	—
Willow Glen (LA)	—	16,223	4,144,816	—	—	—	—	38	61,817	—	520
Gwitchyaa Zhee Utility Co	**—**	**257**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Gwitchyaa Zhee (AK)	—	257	—	—	—	—	—	*	—	—	*
GPU Nuclear Corp	**—**	**—**	**—**	**—**	**11,381,436**	**—**	**—**	**—**	**—**	**—**	**—**
Oyster Creek (NJ)	—	—	—	—	4,322,234	—	—	—	—	—	—
Three Mile Island (PA)	—	—	—	—	7,059,202	—	—	—	—	—	—
Haines Light & Pwr Co	**—**	**8,538**	**—**	**—**	**—**	**—**	**—**	**15**	**—**	**—**	*****
Haines (AK)	—	8,538	—	—	—	—	—	15	—	—	*
Halstad (City of)	**—**	**9**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Halstad (MN)	—	9	—	—	—	—	—	*	—	—	*
Hamilton (City of)	**325,454**	**63**	**31,640**	**239,500**	**—**	**—**	**172**	*****	**416**	**6**	**3**
Hamilton (OH)	325,454	63	31,640	—	—	—	172	*	416	6	3
Hamilton Hydro (OH)	—	—	—	4,482	—	—	—	—	—	—	—
Vanceburg Hydro (KY)	—	—	—	235,018	—	—	—	—	—	—	—
Hardwick (Village of)	**—**	**—**	**—**	**2,959**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Hardwick (VT)	—	—	—	—	—	—	—	—	—	—	—
Wolcott (VT)	—	—	—	2,959	—	—	—	—	—	—	—
Hart (City of)	**—**	**194**	**—**	**193**	**—**	**—**	**—**	*****	**—**	**—**	*****
Hart (MI)	—	194	—	—	—	—	—	*	—	—	*
Hart Hydro (MI)	—	—	—	193	—	—	—	—	—	—	—
Hartley (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Hartley (IA)	—	—	—	—	—	—	—	—	—	—	—
Hastings (City of)	**438,471**	**1,849**	**16,621**	**—**	**—**	**—**	**292**	**4**	**257**	**56**	**11**
Don Henry (NE)	—	30	1,759	—	—	—	—	*	30	—	2
North Denver (NE)	—	1,711	14,862	—	—	—	—	4	228	—	7
Whelan (NE)	438,471	108	—	—	—	—	292	*	—	56	3
Hawaii Electric Light Co	**—**	**595,277**	**—**	**13,750**	**—**	**—**	**—**	**1,319**	**—**	**—**	**63**
Kanoelehua (HI)	—	22,315	—	—	—	—	—	42	—	—	4
Keahole (HI)	—	81,715	—	—	—	—	—	181	—	—	5
Lalamilo (HI)	—	—	—	—	—	312	—	—	—	—	—
Puma (HI)	—	198,252	—	—	—	—	—	456	—	—	18
Puueo (HI)	—	—	—	9,913	—	—	—	—	—	—	—
Shipman (HI)	—	40,914	—	—	—	—	—	113	—	—	5
W. H. Hill (HI)	—	246,528	—	—	—	—	—	517	—	—	30
Waiau (HI)	—	—	—	3,837	—	—	—	—	—	—	—
Waimea (HI)	—	5,553	—	—	—	—	—	10	—	—	2
Hawaiian Elec Co Inc	**—**	**4,312,890**	**—**	**—**	**—**	**—**	**—**	**7,156**	**—**	**—**	**660**
Honolulu (HI)	—	56,587	—	—	—	—	—	136	—	—	51
Kahe (HI)	—	3,091,935	—	—	—	—	—	5,036	—	—	214
Oil Storage (CA)	—	—	—	—	—	—	—	—	—	—	241
Waiau (HI)	—	1,164,368	—	—	—	—	—	1,983	—	—	154

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Haxton (City of)	—	—	—	—	—	—	—	—	—	—	—
Haxton (CO)	—	—	—	—	—	—	—	—	—	—	—
Heber (City of)	—	**581**	**413**	**8,917**	—	—	—	**1**	**7**	—	*
Gas Generation (UT)	—	581	413	—	—	—	—	1	7	—	*
Lake Creek (UT)	—	—	—	5,582	—	—	—	—	—	—	—
Snake Creek (UT)	—	—	—	3,335	—	—	—	—	—	—	—
Henderson (City of)	**50,116**	**12**	—	—	—	—	**33**	*	—	*	*
Henderson (KY)	50,116	12	—	—	—	—	33	*	—	*	*
Herington (City of)	—	**1,013**	**699**	—	—	—	—	**3**	**6**	—	**1**
Herington (KS)	—	1,013	699	—	—	—	—	3	6	—	1
Herndon (City of)	—	—	—	—	—	—	—	—	—	—	—
City Lght Plant (KS)	—	—	—	—	—	—	—	—	—	—	—
Hetch Hetchy Water & Pwr	—	—	—	**2,058,087**	—	—	—	—	—	—	—
Holm, Dion R (CA)	—	—	—	943,791	—	—	—	—	—	—	—
Kirkwood, Robert C (CA)	—	—	—	678,780	—	—	—	—	—	—	—
Moccasin (CA)	—	—	—	425,879	—	—	—	—	—	—	—
Moccasin Low (CA)	—	—	—	9,637	—	—	—	—	—	—	—
Hibbing (City of)	**23,129**	—	**17**	—	—	—	**29**	—	*	**1**	—
Hibbing (MN)	23,129	—	17	—	—	—	29	—	*	1	—
Higginsville (City of)	—	—	—	—	—	—	—	—	—	—	—
Higginsville (MO)	—	—	—	—	—	—	—	—	—	—	—
Highland (City of)	—	**1,557**	**110**	—	—	—	—	**3**	**2**	—	—
Highland (IL)	—	1,557	110	—	—	—	—	3	2	—	—
Hill City (City of)	—	**19**	**84**	—	—	—	—	*	**1**	—	*
Hill City (KS)	—	19	84	—	—	—	—	*	1	—	*
Hillsdale (City of)	—	**400**	**4,685**	—	—	—	—	**1**	**41**	—	**2**
Hillsdale (MI)	—	400	4,685	—	—	—	—	1	41	—	2
Hoisington (City of)	—	**200**	**843**	—	—	—	—	*	**9**	—	*
Hoisington (KS)	—	200	843	—	—	—	—	*	9	—	*
Holdrege (City of)	—	**507**	—	—	—	—	—	**1**	—	—	*
Holdrege (NE)	—	507	—	—	—	—	—	1	—	—	*
Holland (City of)	**318,105**	**963**	**55,524**	—	—	—	**165**	**3**	**727**	**80**	**7**
James De Young (MI)	318,105	170	235	—	—	—	165	*	3	80	*
48 Street (MI)	—	519	55,289	—	—	—	—	2	724	—	6
6Th Street (MI)	—	274	—	—	—	—	—	1	—	—	*
Holly (Town of)	—	—	—	—	—	—	—	—	—	—	—
Holly (CO)	—	—	—	—	—	—	—	—	—	—	—
Holton (City of)	—	**700**	**6,204**	—	—	—	—	**1**	**121**	—	**1**
Holton (KS)	—	700	6,204	—	—	—	—	1	121	—	1
Holyoke (City of)	—	**–120**	**–2,052**	**6,236**	—	—	—	*	**40**	—	**19**
Cabot-Holyoke (MA)	—	–120	–2,052	6,236	—	—	—	*	40	—	19
Holyoke (City of)	—	—	—	—	—	—	—	—	—	—	—
Holyoke (CO)	—	—	—	—	—	—	—	—	—	—	—
Holyoke Wtr Pwr Co	**964,889**	**2,794**	—	**231,957**	—	—	**368**	**5**	—	**89**	*
Boatlock (MA)	—	—	—	12,382	—	—	—	—	—	—	—
Chemical (MA)	—	—	—	3,007	—	—	—	—	—	—	—
Hadley Falls (MA)	—	—	—	194,474	—	—	—	—	—	—	—
Holbrook, Beebe (MA)	—	—	—	1,227	—	—	—	—	—	—	—
Mt Tom (MA)	964,889	2,794	—	—	—	—	368	5	—	89	*

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Holyoke Wtr Pwr Co											
Riverside (MA)	—	—	—	19,889	—	—	—	—	—	—	—
Skinner (MA)	—	—	—	978	—	—	—	—	—	—	—
Homer Electric Assn Inc	**—**	**52**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Seldovia (AK)	—	52	—	—	—	—	—	*	—	—	*
Homestead (City of)	**—**	**7,571**	**68,137**	**—**	**—**	**—**	**—**	**15**	**726**	**—**	**7**
G W Ivey (FL)	—	7,571	68,137	—	—	—	—	15	726	—	7
Hoosier Energy Rural	**8,614,291**	**10,028**	**—**	**—**	**—**	**—**	**4,012**	**18**	**—**	**534**	**9**
Merom (IN)	7,004,001	8,344	—	—	—	—	3,274	15	—	499	8
Ratts (IN)	1,610,290	1,684	—	—	—	—	738	3	—	35	*
Hopkinton (City of)	**—**	**101**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Hopkinton (IA)	—	101	—	—	—	—	—	*	—	—	*
Houston Lighting & Pwr Co	**28,493,559**	**4,802**	**25,053,945**	**—**	**20,833,870**	**—**	**19,660**	**10**	**253,978**	**1,524**	**176**
Bertron, Sam (TX)	—	—	1,341,705	—	—	—	—	—	14,743	—	—
Cedar Bayou (TX)	—	1,951	7,087,940	—	—	—	—	4	70,286	—	106
Clarke, Hiram (TX)	—	—	8,549	—	—	—	—	—	158	—	—
Deepwater (TX)	—	—	139,298	—	—	—	—	—	1,739	—	—
Greens Bayou (TX)	—	2,851	938,377	—	—	—	—	6	10,624	—	70
Limestone (TX)	11,072,177	—	95,030	—	—	—	8,878	—	983	373	—
Oil Storage (TX)	—	—	—	—	—	—	—	—	—	—	—
Parish, W A (TX)	17,421,382	—	2,620,604	—	—	—	10,783	—	26,826	1,151	—
Robinson, P H (TX)	—	—	7,805,085	—	—	—	—	—	77,860	—	—
San Jacinto (TX)	—	—	1,314,438	—	—	—	—	—	15,283	—	—
South Texas (TX)	—	—	—	—	20,833,870	—	—	—	—	—	—
Webster (TX)	—	—	881,502	—	—	—	—	—	9,021	—	—
Wharton, T H (TX)	—	—	2,821,417	—	—	—	—	—	26,456	—	—
Hudson (City of)	**—**	**1,251**	**2,358**	**—**	**—**	**—**	**—**	**2**	**27**	**—**	**6**
Cherry Street (MA)	—	1,251	2,358	—	—	—	—	2	27	—	6
Hughes Power & Light Co	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Hughes (AK)	—	—	—	—	—	—	—	—	—	—	—
Hugoton (City of)	**—**	**2,450**	**31,127**	**—**	**—**	**—**	**—**	**5**	**343**	**—**	**1**
Hugoton (KS)	—	50	576	—	—	—	—	*	7	—	*
Hugoton #2 (KS)	—	2,400	30,551	—	—	—	—	5	336	—	*
Hutchinson (City of)	**—**	**4,161**	**213,786**	**—**	**—**	**—**	**—**	**10**	**1,818**	**—**	**4**
Plant No. 1 (MN)	—	489	25,194	—	—	—	—	1	279	—	1
Plant No. 2 (MN)	—	3,672	188,592	—	—	—	—	9	1,539	—	3
Hyrum (City of)	**—**	**—**	**—**	**3,250**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Hyrum (UT)	—	—	—	3,250	—	—	—	—	—	—	—
I-N-N Electric Coop	**—**	**359**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	**1**
I-N-N Electric (AK)	—	359	—	—	—	—	—	1	—	—	1
Idaho Falls (City of)	**—**	**—**	**—**	**339,718**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
City Power Plant (ID)	—	—	—	54,800	—	—	—	—	—	—	—
Gem State (ID)	—	—	—	168,487	—	—	—	—	—	—	—
Lower (ID)	—	—	—	8,663	—	—	—	—	—	—	—
Lower #1 (ID)	—	—	—	52,927	—	—	—	—	—	—	—
Upper Power Plant (ID)	—	—	—	54,841	—	—	—	—	—	—	—
Idaho Power Co	**—**	**253**	**—**	**11,142,265**	**—**	**—**	**—**	**1**	**—**	**—**	*****
American Falls (ID)	—	—	—	596,075	—	—	—	—	—	—	—
Bliss (ID)	—	—	—	491,807	—	—	—	—	—	—	—
Brownlee (ID)	—	—	—	3,318,724	—	—	—	—	—	—	—
Cascade (ID)	—	—	—	57,809	—	—	—	—	—	—	—
Clear Lake (ID)	—	—	—	15,459	—	—	—	—	—	—	—
Hells Canyon (OR)	—	—	—	2,794,082	—	—	—	—	—	—	—
Lower Malad (ID)	—	—	—	120,924	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Idaho Power Co											
Lower Salmon (ID)	—	—	—	408,189	—	—	—	—	—	—	—
Milner (ID)	—	—	—	354,640	—	—	—	—	—	—	—
Oxbow (OR)	—	—	—	1,371,031	—	—	—	—	—	—	—
Salmon (ID)	—	253	—	—	—	—	—	1	—	—	*
Shoshone Falls (ID)	—	—	—	101,571	—	—	—	—	—	—	—
Strike, C J (ID)	—	—	—	635,718	—	—	—	—	—	—	—
Swan Falls (ID)	—	—	—	139,693	—	—	—	—	—	—	—
Thousand Springs (ID)	—	—	—	60,996	—	—	—	—	—	—	—
Twin Falls (ID)	—	—	—	349,138	—	—	—	—	—	—	—
Upper Malad (ID)	—	—	—	64,767	—	—	—	—	—	—	—
Upper Salmon (ID)	—	—	—	148,458	—	—	—	—	—	—	—
Upper Salmon (ID)	—	—	—	113,184	—	—	—	—	—	—	—
Illinois Power Co	**16,939,757**	**240,659**	**192,630**	**—**	**–95,679**	**—**	**7,922**	**103**	**2,653**	**888**	**82**
Baldwin (IL)	10,375,432	7,326	—	—	—	—	4,794	13	—	613	2
Clinton (IL)	—	—	—	—	–95,679	—	—	—	—	—	—
Havana (IL)	1,898,638	45,064	2,711	—	—	—	920	82	30	87	72
Hennepin (IL)	1,593,486	123,212	11,216	—	—	—	742	6	111	42	—
Oglesby (IL)	—	263	13,804	—	—	—	—	1	242	—	8
Stallings (IL)	—	—	11,906	—	—	—	—	—	237	—	—
Vermilion (IL)	875,789	662	18,979	—	—	—	475	1	208	32	*
Wood River (IL)	2,196,412	64,132	134,014	—	—	—	990	—	1,825	114	—
Imperial Irrigation Dist	**—**	**137**	**356,091**	**358,471**	**—**	**—**	**—**	*****	**3,574**	**—**	**135**
Brawley (CA)	—	—	—	—	—	—	—	—	—	—	—
Coachella (CA)	—	—	2,620	—	—	—	—	—	41	—	12
Double Weir (CA)	—	—	—	—	—	—	—	—	—	—	—
Drop No 1 (CA)	—	—	—	20,844	—	—	—	—	—	—	—
Drop No. 5 (CA)	—	—	—	18,651	—	—	—	—	—	—	—
Drop 2 (CA)	—	—	—	57,831	—	—	—	—	—	—	—
Drop 3 (CA)	—	—	—	53,536	—	—	—	—	—	—	—
Drop 4 (CA)	—	—	—	108,090	—	—	—	—	—	—	—
E Highline (CA)	—	—	—	5,730	—	—	—	—	—	—	—
El Centro (CA)	—	—	350,349	—	—	—	—	—	3,456	—	105
Pilot Knob (CA)	—	—	—	92,173	—	—	—	—	—	—	—
Rockwood (CA)	—	137	3,122	—	—	—	—	*	77	—	18
Turnip (CA)	—	—	—	1,616	—	—	—	—	—	—	—
Independence (City of)	**—**	**1,233**	**274**	**—**	**—**	**—**	**—**	**2**	**3**	**—**	**1**
Independence (IA)	—	1,233	274	—	—	—	—	2	3	—	1
Independence (City of)	**216,673**	**2,469**	**30,892**	**—**	**—**	**—**	**139**	**13**	**444**	**27**	**17**
Blue Valley (MO)	195,538	25	20,510	—	—	—	126	*	267	14	10
Jackson Square (MO)	—	2,818	—	—	—	—	—	9	—	—	2
Missouri City (MO)	21,135	–1,126	—	—	—	—	13	1	—	13	1
Station H (MO)	—	209	10,382	—	—	—	—	1	177	—	1
Station I (MO)	—	543	—	—	—	—	—	2	—	—	2
Indiana Michigan Power Co	**22,104,480**	**51,004**	**—**	**114,791**	**—**	**—**	**11,900**	**88**	**—**	**1,186**	**17**
Berrien Springs (MI)	—	—	—	37,268	—	—	—	—	—	—	—
Buchanan (MI)	—	—	—	17,886	—	—	—	—	—	—	—
Constantine (MI)	—	—	—	4,793	—	—	—	—	—	—	—
Cook, Donald C. (MI)	—	—	—	—	—	—	—	—	—	—	—
Elkhart (IN)	—	—	—	18,269	—	—	—	—	—	—	—
Fourth Street (IN)	—	—	—	—	—	—	—	—	—	—	*
Mottville (MI)	—	—	—	7,420	—	—	—	—	—	—	—
Rockport (IN)	17,457,530	33,343	—	—	—	—	10,044	58	—	918	13
Tanners Creek (IN)	4,646,950	17,661	—	—	—	—	1,857	30	—	268	4
Twin Branch (IN)	—	—	—	29,155	—	—	—	—	—	—	—
Indiana Mun Power Agency	**—**	**938**	**26,901**	**—**	**—**	**—**	**—**	**2**	**348**	**—**	**12**
Anderson (IN)	—	938	26,901	—	—	—	—	2	348	—	12
Indiana-Kentucky El Corp	**8,722,287**	**2,709**	**—**	**—**	**—**	**—**	**4,416**	**5**	**—**	**582**	**3**
Clifty Creek (IN)	8,722,287	2,709	—	—	—	—	4,416	5	—	582	3

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Indianapolis Pwr & Lgt Co	**16,151,551**	**23,423**	**85,204**	**—**	**—**	**—**	**7,686**	**54**	**894**	**1,697**	**83**
Perry K (IN)	640	—	17,196	—	—	—	3	—	—	55	5
Petersburg (IN)	11,700,877	6,977	—	—	—	—	5,529	12	—	1,163	9
Pritchard, H T (IN)	1,075,874	6,342	—	—	—	—	576	13	—	235	10
Stout, Elmer W (IN)	3,374,160	10,104	68,008	—	—	—	1,578	29	894	245	59
Indianola (City of)	**—**	**682**	**19**	**—**	**—**	**—**	**—**	**4**	**3**	**—**	**21**
Indianola (IA)	—	682	19	—	—	—	—	4	3	—	21
International Bound & Water Comm	**—**	**—**	**—**	**128,359**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Amistad (TX)	—	—	—	95,962	—	—	—	—	—	—	—
Falcon (TX)	—	—	—	32,397	—	—	—	—	—	—	—
Interstate Power Co	**2,586,313**	**20,620**	**125,327**	**—**	**—**	**—**	**1,539**	**53**	**1,482**	**725**	**20**
Dubuque (IA)	294,532	155	1,302	—	—	—	182	*	17	95	*
Fox Lake (MN)	—	3,678	118,684	—	—	—	—	10	1,405	—	12
Hills (MN)	—	−87	—	—	—	—	—	*	—	—	*
Kapp, M L (IA)	1,069,547	—	5,341	—	—	—	518	—	60	214	—
Lansing (IA)	1,222,234	4,407	—	—	—	—	839	10	—	417	2
Lime Creek (IA)	—	10,486	—	—	—	—	—	27	—	—	4
Montgomery (MN)	—	2,015	—	—	—	—	—	6	—	—	2
New Albin (IA)	—	−34	—	—	—	—	—	*	—	—	*
Rushford (MN)	—	—	—	—	—	—	—	—	—	—	—
Iola (City of)	**—**	**5,057**	**8,280**	**—**	**—**	**—**	**—**	**11**	**161**	**—**	**2**
Iola (KS)	—	5,057	8,280	—	—	—	—	11	161	—	2
Ipswich (City of)	**—**	**454**	**1,167**	**—**	**—**	**—**	**—**	**1**	**16**	**—**	**1**
Ipswich (MA)	—	454	1,167	—	—	—	—	1	16	—	1
IES Utilities Co	**7,614,292**	**40,282**	**143,290**	**8,872**	**3,767,513**	**—**	**4,944**	**98**	**2,235**	**808**	**37**
Ames (IA)	—	111	—	—	—	—	—	*	—	—	1
Anamosa (IA)	—	—	—	1,081	—	—	—	—	—	—	—
Arnold, Duane (IA)	—	—	—	—	3,767,513	—	—	—	—	—	—
Burlington (IA)	1,062,326	80	5,639	—	—	—	675	*	99	75	1
Centerville (IA)	—	2,359	—	—	—	—	—	9	—	—	6
Grinnell (IA)	—	—	8,429	—	—	—	—	—	142	—	—
Iowa Falls (IA)	—	—	—	1,452	—	—	—	—	—	—	—
Maquoketa (IA)	—	—	—	6,339	—	—	—	—	—	—	—
Marshalltown (IA)	—	32,635	—	—	—	—	—	79	—	—	21
Ottumwa (IA)	4,704,589	4,710	—	—	—	—	3,040	9	—	522	8
Prairie Creek (IA)	865,839	387	32,430	—	—	—	539	1	338	85	*
Sutherland (IA)	871,937	—	44,833	—	—	—	567	—	529	123	—
6Th Street (IA)	109,601	—	51,959	—	—	19,076	122	—	1,126	4	1
Jackson (City of)	**—**	**1,512**	**—**	**—**	**—**	**—**	**—**	**3**	**—**	**—**	**1**
Jackson (MO)	—	1,512	—	—	—	—	—	3	—	—	1
Jacksonville (City of)	**8,069,633**	**5,157,783**	**595,656**	**—**	**—**	**—**	**3,241**	**5,361**	**5,885**	**348**	**1,321**
Kennedy, J D (FL)	—	255,675	28,590	—	—	—	—	489	335	—	239
Northside (FL)	—	2,670,379	435,643	—	—	—	—	4,351	4,236	—	899
Southside (FL)	—	289,932	131,423	—	—	—	—	477	1,314	—	178
St. Johns River	8,069,633	1,941,797	—	—	—	—	3,241	44	—	348	4
Jamestown (City of)	**160,662**	**425**	**—**	**—**	**—**	**—**	**96**	**1**	**—**	**4**	*****
Carlson, S A (NY)	160,662	425	—	—	—	—	96	1	—	4	*
Janesville (City of)	**—**	**60**	**338**	**—**	**—**	**—**	**—**	*****	**5**	**—**	*****
Janesville (MN)	—	60	338	—	—	—	—	*	5	—	*
Jasper (City of)	**44,943**	**—**	**—**	**—**	**—**	**—**	**33**	**—**	**—**	**1**	**—**
Jasper 2 (IN)	44,943	—	—	—	—	—	33	—	—	1	—
Jersey Central Power&Light Co	**—**	**94,065**	**497,955**	**−146,233**	**—**	**—**	**—**	**156**	**6,526**	**—**	**252**
Forked River (NJ)	—	8,237	29,277	—	—	—	—	20	394	—	10

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Jersey Central Power&Light Co											
Gardner, Glen (NJ)	—	661	31,399	—	—	—	—	5	492	—	16
Gilbert (NJ)	—	48,716	346,474	—	—	—	—	41	4,215	—	145
Sayreville (NJ)	—	6,760	90,805	—	—	—	—	17	1,425	—	65
Werner (NJ)	—	29,691	—	—	—	—	—	74	—	—	16
Yards Creek (NJ)	—	—	—	−146,233	—	—	—	—	—	—	—
Jetmore (City of)	—	—	—	—	—	—	—	—	—	—	—
Jetmore (KS)	—	—	—	—	—	—	—	—	—	—	—
Johnson (City of)	—	**194**	**1,425**	—	—	—	—	**1**	**15**	—	**1**
Johnson (KS)	—	194	1,425	—	—	—	—	1	15	—	1
Julesburg (Town of)	—	—	—	—	—	—	—	—	—	—	—
Julesburg (CO)	—	—	—	—	—	—	—	—	—	—	—
Kahoka (City of)	—	**70**	**232**	—	—	—	—	*	**3**	—	*
Kahoka (MO)	—	70	232	—	—	—	—	*	3	—	*
Kansas City (City of)	**2,484,817**	**15,039**	**23,831**	—	—	—	**1,528**	**44**	**479**	**346**	**14**
Kaw (KS)	—	—	—	—	—	—	—	—	—	—	*
Nearman Creek (KS)	1,526,938	3,862	—	—	—	—	1,030	7	—	275	4
Quindaro (KS)	957,879	11,177	23,831	—	—	—	498	37	479	71	10
Kansas City Pwr & Lgt Co	**16,632,939**	**214,712**	**145,857**	—	—	—	**10,476**	**459**	**1,595**	**1,611**	**141**
Grand Ave (MO)	—	—	—	—	—	—	—	—	—	—	—
Hawthorn (MO)	1,821,969	6,052	145,857	—	—	—	1,148	13	1,595	185	3
Iatan (MO)	4,730,188	5,961	—	—	—	—	2,778	11	—	356	9
La Cygne (KS)	7,574,301	46,369	—	—	—	—	4,927	84	—	803	20
Montrose (MO)	2,506,481	11,850	—	—	—	—	1,622	21	—	267	11
Northeast (MO)	—	144,480	—	—	—	—	—	331	—	—	99
Kauai Electric Company	—	**347,749**	—	—	—	—	—	**631**	—	—	—
Port Allen (HI)	—	347,749	—	—	—	—	—	631	—	—	—
Kaukauna (City of)	—	**2,436**	**1,303**	**135,605**	—	—	—	**3**	**26**	—	**2**
Combined Locks (WI)	—	—	—	37,640	—	—	—	—	—	—	—
Kaukauna (WI)	—	2,436	1,303	—	—	—	—	3	26	—	2
Kaukauna Hydro (WI)	—	—	—	33,184	—	—	—	—	—	—	—
Little Chute (WI)	—	—	—	19,689	—	—	—	—	—	—	—
New Badger (WI)	—	—	—	17,713	—	—	—	—	—	—	—
Old Badger (WI)	—	—	—	13,412	—	—	—	—	—	—	—
Rapide Croche (WI)	—	—	—	13,967	—	—	—	—	—	—	—
Kennett (City of)	—	**655**	**1,591**	—	—	—	—	**2**	**17**	—	**6**
Kennett (MO)	—	655	1,591	—	—	—	—	2	17	—	6
Kentucky Power Co	**7,879,802**	**11,678**	—	—	—	—	**2,986**	**19**	—	**270**	**7**
Big Sandy (KY)	7,879,802	11,678	—	—	—	—	2,986	19	—	270	7
Kentucky Utilities Co	**17,487,613**	**19,747**	**266,657**	**71,084**	—	—	**7,500**	**62**	**3,070**	**866**	**83**
Brown, E W (KY)	3,806,839	7,067	259,096	—	—	—	1,619	17	2,933	97	55
Dix Dam (KY)	—	—	—	68,765	—	—	—	—	—	—	—
Ghent (KY)	12,327,427	8,095	—	—	—	—	5,184	28	—	668	13
Green River (KY)	1,045,807	848	—	—	—	—	542	4	—	86	2
Haefling (KY)	—	—	7,561	—	—	—	—	—	137	—	4
Lock 7 (KY)	—	—	—	2,319	—	—	—	—	—	—	—
Pineville (KY)	98,903	45	—	—	—	—	55	*	—	4	*
Tyrone (KY)	208,637	3,692	—	—	—	—	100	12	—	12	9
Kenyon (City of)	—	—	—	—	—	—	—	—	—	—	—
Kenyon (MN)	—	—	—	—	—	—	—	—	—	—	—
Ketchikan (City of)	—	**25,021**	—	**135,903**	—	—	—	**44**	—	—	**8**
Beaver Falls (AK)	—	—	—	36,636	—	—	—	—	—	—	—
Ketchikan (AK)	—	—	—	17,153	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Ketchikan (City of)											
Ketchikan (AK)	—	25,021	—	—	—	—	—	44	—	—	8
Silvis (AK)	—	—	—	12,053	—	—	—	—	—	—	—
Swan Lake (AK)	—	—	—	70,061	—	—	—	—	—	—	—
Key West (City of)	**—**	**16,726**	**—**	**—**	**—**	**—**	**—**	**42**	**—**	**—**	**63**
Big Pine (FL)	—	619	—	—	—	—	—	1	—	—	1
Cudjoe (FL)	—	2,832	—	—	—	—	—	6	—	—	2
Key West (FL)	—	2,746	—	—	—	—	—	13	—	—	—
Stock Island (FL)	—	2,079	—	—	—	—	—	4	—	—	60
Stock Island D 1 (FL)	—	8,450	—	—	—	—	—	17	—	—	—
KeySpan Energy	**—**	**5,048,669**	**5,293,349**	**—**	**—**	**—**	**—**	**8,394**	**56,045**	**—**	**1,943**
Barrett, E F (NY)	—	7,539	1,469,834	—	—	—	—	14	15,851	—	374
Brookhaven (NY)	—	106,264	—	—	—	—	—	222	—	—	35
East Hampton (NY)	—	15,561	—	—	—	—	—	35	—	—	4
Far Rockway (NY)	—	—	359,190	—	—	—	—	—	3,824	—	1
Glenwood (NY)	—	6,038	495,726	—	—	—	—	17	5,687	—	32
Holbrook (NY)	—	110,355	—	—	—	—	—	262	—	—	84
Montauk (NY)	—	2,763	—	—	—	—	—	5	—	—	1
Northport (NY)	—	3,556,906	2,317,900	—	—	—	—	5,714	23,904	—	1,065
Port Jefferson (NY)	—	1,228,273	650,699	—	—	—	—	2,080	6,779	—	328
Shoreham (NY)	—	972	—	—	—	—	—	4	—	—	7
Southhampton (NY)	—	6,158	—	—	—	—	—	19	—	—	1
Southold (NY)	—	3,795	—	—	—	—	—	12	—	—	2
West Babylon (NY)	—	4,045	—	—	—	—	—	10	—	—	8
Kimball (City of)	**—**	**100**	**401**	**—**	**—**	**—**	**—**	*****	**4**	**—**	*****
Kimball (NE)	—	100	401	—	—	—	—	*	4	—	*
Kimballton (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Kimballton (IA)	—	—	—	—	—	—	—	—	—	—	—
Kingfisher (City of)	**—**	**85**	**495**	**—**	**—**	**—**	**—**	*****	**5**	**—**	*****
Kingfisher (OK)	—	85	495	—	—	—	—	*	5	—	*
Kingman (City of)	**—**	**1,200**	**49,132**	**—**	**—**	**—**	**—**	**3**	**512**	**—**	**2**
Kingman (KS)	—	1,200	49,132	—	—	—	—	3	512	—	2
Kings River Conserv Dist	**—**	**—**	**—**	**767,658**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Pine Flat (CA)	—	—	—	767,658	—	—	—	—	—	—	—
Kissimmee (City of)	**—**	**2,128**	**891,383**	**—**	**—**	**—**	**—**	**5**	**6,535**	**—**	**31**
Cane Island (FL)	—	1,629	838,209	—	—	—	—	3	5,932	—	15
Kissimmee (FL)	—	499	53,174	—	—	—	—	2	603	—	16
Kodiak Electric Assn Inc	**—**	**10,111**	**—**	**118,366**	**—**	**—**	**—**	**21**	**—**	**—**	**1**
Kodiac A (AK)	—	10,181	—	—	—	—	—	21	—	—	1
Port Lions (AK)	—	–70	—	—	—	—	—	—	—	—	*
Terror Lake AK)	—	—	—	118,366	—	—	—	—	—	—	—
Kotzebue Elec Assn Inc	**—**	**20,988**	**—**	**—**	**—**	**—**	**—**	**34**	**—**	**—**	**34**
Kotzebue (AK)	—	20,988	—	—	—	—	—	34	—	—	34
KG&E - Western Resources	**—**	**1,352**	**1,205,210**	**—**	**—**	**—**	**—**	**3**	**13,834**	**—**	**432**
Evans, Gordon (KS)	—	—	805,875	—	—	—	—	—	8,785	—	119
Gill, Murray (KS)	—	1,352	399,335	—	—	—	—	3	5,049	—	314
Neosho (KS)	—	—	—	—	—	—	—	—	—	—	—
KPL - Western Resources	**14,935,438**	**16,341**	**285,569**	**—**	**—**	**—**	**9,340**	**33**	**3,915**	**1,803**	**197**
Abilene (KS)	—	—	5,288	—	—	—	—	—	129	—	15
Hutchinson (KS)	—	2,389	225,510	—	—	—	—	7	3,100	—	143
Jeffrey (KS)	12,697,858	13,952	—	—	—	—	8,156	26	—	1,359	35
Lawrence (KS)	1,411,462	—	12,807	—	—	—	735	—	146	330	2
Tecumseh (KS)	826,118	—	41,964	—	—	—	450	—	540	114	1
La Crosse (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Larned (KS)	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
La Junta (City of)	—	—	—	—	—	—	—	—	—	—	**3**
La Junta (CO)	—	—	—	—	—	—	—	—	—	—	3
La Plata (City of)	—	**120**	—	—	—	—	—	*****	—	—	**1**
La Plata (MO)	—	120	—	—	—	—	—	*	—	—	1
La Porte (City of)	—	**56**	—	—	—	—	—	*****	—	—	*****
La Porte (IA)	—	56	—	—	—	—	—	*	—	—	*
Lafayette Util Sys (City)	—	—	**584,498**	—	—	—	—	—	**6,153**	—	**93**
Doc Bonin (LA)	—	—	584,583	—	—	—	—	—	6,153	—	93
Rodemacher (LA)	—	—	–85	—	—	—	—	—	—	—	—
Lake Crystal (City of)	—	**30**	**334**	—	—	—	—	*****	**3**	—	*****
Lake Crystal (MN)	—	30	334	—	—	—	—	*	3	—	*
Lake Lure (Town of)	—	—	—	**4,352**	—	—	—	—	—	—	—
Lake Lure (NC)	—	—	—	4,352	—	—	—	—	—	—	—
Lake Mills (City of)	—	**352**	**752**	—	—	—	—	**1**	**14**	—	*****
Lake Mills (IA)	—	352	752	—	—	—	—	1	14	—	*
Lake Park (City of)	—	—	—	—	—	—	—	—	—	—	—
Lake Park (IA)	—	—	—	—	—	—	—	—	—	—	—
Lake Worth (City of)	—	**6,438**	**201,762**	—	—	—	—	**17**	**2,289**	—	**7**
Smith, Tom G (FL)	—	6,438	201,762	—	—	—	—	17	2,289	—	7
Lakeland (City of)	**1,595,617**	**363,099**	**667,620**	—	—	—	**646**	**219**	**7,179**	**185**	**112**
Larsen Memorial (FL)	—	33,502	328,834	—	—	—	—	90	3,373	—	26
Mcintosh, C D (FL)	1,595,617	329,597	338,786	—	—	—	646	129	3,807	185	86
Lamar (City of)	—	—	**79,381**	—	—	—	—	—	**1,087**	—	**6**
Lamar (CO)	—	—	79,381	—	—	—	—	—	1,087	—	6
Lamoni (City of)	—	**472**	—	—	—	—	—	**1**	—	—	*****
Lamoni (IA)	—	472	—	—	—	—	—	1	—	—	*
Lanesboro (City of)	—	—	—	—	—	—	—	—	—	—	—
Lansboro (MN)	—	—	—	—	—	—	—	—	—	—	—
Lansing (City of)	**2,161,107**	**6,060**	—	**1,781**	—	—	**1,114**	**13**	—	**125**	**1**
Eckert Station (MI)	1,251,381	5,166	—	—	—	—	736	12	—	19	1
Erickson (MI)	909,726	894	—	—	—	—	378	2	—	106	*
Moores Park (MI)	—	—	—	1,781	—	—	—	—	—	—	—
Larned (City of)	—	**148**	**13,152**	—	—	—	—	*****	**218**	—	**1**
Larned (KS)	—	—	—	—	—	—	—	—	—	—	—
Larned (KS)	—	148	13,152	—	—	—	—	*	218	—	1
Larsen Bay (City of)	—	—	—	—	—	—	—	—	—	—	—
Larsen (AK)	—	—	—	—	—	—	—	—	—	—	—
Las Animas (City of)	—	**–236**	—	—	—	—	—	*****	—	—	**1**
Las Animas (CO)	—	–236	—	—	—	—	—	*	—	—	1
Laurel (City of)	—	**5**	**17**	—	—	—	—	*****	*****	—	*****
Laurel (NE)	—	5	17	—	—	—	—	*	*	—	*
Laurens (City of)	—	—	—	—	—	—	—	—	—	—	—
Laurens (IA)	—	—	—	—	—	—	—	—	—	—	—
Lea County Elec Coop	—	—	—	—	—	—	—	—	—	—	—
North Lovington (NM)	—	—	—	—	—	—	—	—	—	—	—
Lebanon (City of)	—	**416**	—	—	—	—	—	**1**	—	—	**1**
Lebanon (OH)	—	416	—	—	—	—	—	1	—	—	1

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Lenox (City of)	—	—	—	—	—	—	—	—	—	—	—
Lenox (IA)	—	—	—	—	—	—	—	—	—	—	—
Lewiston (City of)	—	—	—	**4,080**	—	—	—	—	—	—	—
Andro Upper (ME)	—	—	—	4,080	—	—	—	—	—	—	—
Lincoln (City of)	—	**449**	**4**	—	—	—	—	**1**	*	—	**1**
Lincoln (KS)	—	449	4	—	—	—	—	1	*	—	1
Lincoln (City of)	—	**1,835**	**41,635**	—	—	—	—	**4**	**565**	—	**28**
Lincoln J Street (NE)	—	—	1,297	—	—	—	—	—	22	—	4
Rokeby (NE)	—	1,835	40,338	—	—	—	—	4	543	—	24
Lindsay (City of)	—	—	—	—	—	—	—	—	—	—	—
Lindsay (OK)	—	—	—	—	—	—	—	—	—	—	—
Litchfield (City of)	—	**30**	**570**	—	—	—	—	*	**6**	—	*
Litchfield (MN)	—	30	570	—	—	—	—	*	6	—	*
Lockhart Power Co	—	—	—	**84,181**	—	—	—	—	—	—	—
Lockhart (SC)	—	—	—	84,181	—	—	—	—	—	—	—
Logan (City of)	—	**–106**	—	**35,800**	—	—	—	**1**	—	—	**1**
Logan (UT)	—	—	—	6,609	—	—	—	—	—	—	—
Logan 2 (UT)	—	—	—	29,191	—	—	—	—	—	—	—
Logon Diesel (UT)	—	–106	—	—	—	—	—	1	—	—	1
Logansport (City of)	**178,738**	—	**76**	—	—	—	**107**	—	**2**	**5**	—
Logansport (IN)	178,738	—	76	—	—	—	107	—	2	5	—
Longmont (City of)	—	—	—	**2,795**	—	—	—	—	—	—	—
Longmont (CO)	—	—	—	2,795	—	—	—	—	—	—	—
Los Angeles (City of)	**12,973,101**	**7,873**	**2,924,305**	**860,056**	—	—	**5,278**	**14**	**29,841**	**872**	**420**
Big Pine Creek (CA)	—	—	—	14,251	—	—	—	—	—	—	—
Castaic (CA)	—	—	—	–241,697	—	—	—	—	—	—	—
Control Gorge (CA)	—	—	—	142,097	—	—	—	—	—	—	—
Cottonwood (CA)	—	—	—	10,907	—	—	—	—	—	—	—
Division Creek (CA)	—	—	—	5,141	—	—	—	—	—	—	—
Foothill (CA)	—	—	—	81,587	—	—	—	—	—	—	—
Franklin Canyon (CA)	—	—	—	11,466	—	—	—	—	—	—	—
Haiwee (CA)	—	—	—	27,484	—	—	—	—	—	—	—
Harbor (CA)	—	—	552,352	—	—	—	—	—	4,846	—	12
Haynes (CA)	—	—	1,312,119	—	—	—	—	—	14,162	—	368
Intermountain (UT)	12,973,101	7,873	—	—	—	—	5,278	14	—	872	29
Middle Gorge (CA)	—	—	—	143,633	—	—	—	—	—	—	—
Pleasant Valley (CA)	—	—	—	13,199	—	—	—	—	—	—	—
San Fernando (CA)	—	—	—	42,540	—	—	—	—	—	—	—
San Francisquito 1 (CA)	—	—	—	349,722	—	—	—	—	—	—	—
San Francisquito 2 (CA)	—	—	—	114,286	—	—	—	—	—	—	—
Sawtelle (CA)	—	—	—	1,935	—	—	—	—	—	—	—
Scattergood (CA)	—	—	1,066,256	—	—	119,865	—	—	10,834	—	—
Upper Gorge (CA)	—	—	—	143,505	—	—	—	—	—	—	—
Valley (CA)	—	—	–6,422	—	—	—	—	—	—	—	12
Louisiana Pwr & Light Co	—	**108,935**	**12,207,594**	—	**8,601,304**	—	—	**274**	**128,615**	—	**598**
Buras (LA)	—	—	2,547	—	—	—	—	*	53	—	2
Litle Gypsy (LA)	—	—	3,161,874	—	—	—	—	—	33,249	—	74
Monroe (LA)	—	—	—	—	—	—	—	—	—	—	—
Nine Mile Point (LA)	—	9,467	6,623,415	—	—	—	—	11	68,712	—	225
Sterlington (LA)	—	—	922,007	—	—	—	—	—	9,699	—	15
Thibodaux (LA)	—	—	—	—	—	—	—	—	—	—	—
Waterford (LA)	—	—	—	—	8,601,304	—	—	—	—	—	—
Waterford (LA)	—	99,468	1,497,751	—	—	—	—	263	16,901	—	281
Louisville Gas & Elec Co	**14,556,867**	**33,304**	**92,991**	**240,263**	—	—	**6,559**	**59**	**1,023**	**1,115**	**19**
Cane Run (KY)	3,083,773	273	49,719	—	—	—	1,429	*	514	84	2

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Louisville Gas & Elec Co											
Mill Creek (KY)	8,101,319	29,226	28,562	—	—	—	3,684	52	292	673	13
Ohio Falls (KY)	—	—	—	240,263	—	—	—	—	—	—	—
Paddys Run (KY)	—	—	9,360	—	—	—	—	—	136	—	—
Trimble County (KY)	3,371,775	3,805	—	—	—	—	1,446	6	—	358	4
Waterside (KY)	—	—	3,219	—	—	—	—	—	38	—	—
Zorn (KY)	—	—	2,131	—	—	—	—	—	44	—	—
Lowell (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	*****
Lowell (MI)	—	—	—	—	—	—	—	—	—	—	*
Lower Colorado River Auth	**7,754,320**	**12,160**	**3,680,512**	**391,476**	**—**	**—**	**4,936**	**23**	**37,712**	**543**	**201**
Austin (TX)	—	—	—	59,405	—	—	—	—	—	—	—
Buchanan (TX)	—	—	—	38,523	—	—	—	—	—	—	—
Granite Shoals (TX)	—	—	—	50,410	—	—	—	—	—	—	—
Inks (TX)	—	—	—	18,386	—	—	—	—	—	—	—
Mansfield (TX)	—	—	—	192,034	—	—	—	—	—	—	—
Marble Falls (TX)	—	—	—	32,718	—	—	—	—	—	—	—
Sam K Seymour,jr (TX)	7,754,320	9,628	—	—	—	—	4,936	18	—	543	19
Sim Gideon (TX)	—	2,532	2,200,096	—	—	—	—	5	22,409	—	103
T. C. Ferguson (TX)	—	—	1,480,416	—	—	—	—	—	15,302	—	79
Lower Valley Pwr & Lt Co	**—**	**—**	**—**	**9,344**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Strawberry Creek (WY)	—	—	—	9,344	—	—	—	—	—	—	—
Lubbock (City of)	**—**	**—**	**466,814**	**—**	**—**	**—**	**—**	**—**	**5,922**	**—**	**—**
Holly Ave (TX)	—	—	294,152	—	—	—	—	—	3,733	—	—
LP&L Co GEN	—	—	150,616	—	—	—	—	—	1,791	—	—
Plant 2 (TX)	—	—	22,046	—	—	—	—	—	397	—	—
Luverne (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Luverne (MN)	—	—	—	—	—	—	—	—	—	—	—
Lyndonville (City of)	**—**	**—**	**—**	**7,327**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Great Falls (VT)	—	—	—	5,386	—	—	—	—	—	—	—
Vail (VT)	—	—	—	1,941	—	—	—	—	—	—	—
M & A Elec Pwr Coop	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Green Forest (MO)	—	—	—	—	—	—	—	—	—	—	—
Macon (City of)	**—**	**474**	**141**	**—**	**—**	**—**	**—**	**1**	**2**	**—**	*****
Macon (MO)	—	474	141	—	—	—	—	1	2	—	*
Madelia (City of)	**—**	**109**	**1,187**	**—**	**—**	**—**	**—**	*****	**12**	**—**	*****
Madelia (MN)	—	109	1,187	—	—	—	—	*	12	—	*
Madison (City of)	**—**	**—**	**—**	**2,411**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Norridgewick (ME)	—	—	—	2,411	—	—	—	—	—	—	—
Madison (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Madison (MN)	—	—	—	—	—	—	—	—	—	—	—
Madison Gas & Elec Co	**261,716**	**484**	**160,305**	**—**	**—**	**—**	**163**	**1**	**2,484**	**18**	**7**
Blount Street (WI)	261,716	467	130,553	—	—	14,730	163	1	1,976	18	2
Fitchburg (WI)	—	9	21,544	—	—	—	—	*	357	—	2
Nine Springs (WI)	—	8	440	—	—	—	—	*	9	—	*
Sycamore (WI)	—	—	7,768	—	—	—	—	—	142	—	2
Maine Public Service Co	**—**	**–1,030**	**—**	**5,899**	**—**	**—**	**—**	*****	**—**	**—**	**1**
Caribou (ME)	—	–796	—	5,203	—	—	—	*	—	—	1
Flos Inn (ME)	—	–234	—	—	—	—	—	*	—	—	*
Squa Pan (ME)	—	—	—	696	—	—	—	—	—	—	—
Maine Yankee Atomic Pwr C	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Maine Yankee (ME)	—	—	—	—	—	—	—	—	—	—	—
Malden (City of)	**—**	**132**	**16**	**—**	**—**	**—**	**—**	*****	*****	**—**	**1**
Malden (MO)	—	132	16	—	—	—	—	*	*	—	1

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Mangum (City of)	—	**822**	**12**	—	—	—	—	**1**	*	—	*
Mangum (OK)	—	822	12	—	—	—	—	1	*	—	*
Manilla (City of)	—	—	—	—	—	—	—	—	—	—	—
Manilla (IA)	—	—	—	—	—	—	—	—	—	—	—
Manitowoc (City of)	**167,064**	**76,094**	**1,114**	—	—	—	**89**	*	**15**	**45**	**1**
Manitowoc (WI)	167,064	76,094	1,114	—	—	—	89	*	15	45	1
Manley Utility Co	—	**265**	—	—	—	—	—	**1**	—	—	*
Manley (AK)	—	265	—	—	—	—	—	1	—	—	*
Manning (City of)	—	—	—	—	—	—	—	—	—	—	—
Manning (IA)	—	—	—	—	—	—	—	—	—	—	—
Manti (City of)	—	—	—	**7,226**	—	—	—	—	—	—	—
Lower (UT)	—	—	—	2,452	—	—	—	—	—	—	—
Manti (UT)	—	—	—	4,774	—	—	—	—	—	—	—
Maquoketa (City of)	—	**272**	**1,164**	—	—	—	—	**1**	**17**	—	**1**
Maquoketa (IA)	—	272	1,164	—	—	—	—	1	17	—	1
Marblehead (City of)	—	**890**	—	—	—	—	—	**2**	—	—	**1**
Commerce St 2 (MA)	—	142	—	—	—	—	—	*	—	—	*
Wilkins Station (MA)	—	748	—	—	—	—	—	1	—	—	*
Marquette (City of)	**241,744**	**3,561**	—	**12,161**	—	—	**163**	**10**	—	**85**	**4**
Plant Four (MI)	—	3,310	—	—	—	—	—	10	—	—	3
Plant Two (MI)	—	—	—	9,648	—	—	—	—	—	—	—
Russell, Frank J (MI)	—	—	—	2,513	—	—	—	—	—	—	—
Shiras (MI)	241,744	251	—	—	—	—	163	1	—	85	1
Marshall (City of)	—	**37**	**2,734**	**1,499**	—	—	—	**1**	**26**	—	**1**
Marshall (MI)	—	37	2,734	1,499	—	—	—	1	26	—	1
Marshall (City of)	—	—	—	—	—	—	—	—	—	—	—
Marshall (MN)	—	—	—	—	—	—	—	—	—	—	—
Marshall (City of)	**19,701**	**1,358**	**23,824**	—	—	—	**15**	**4**	**366**	**1**	**4**
Marshall (MO)	19,701	1,358	23,824	—	—	—	15	4	366	1	4
Martinsville (City of)	—	—	—	**3,411**	—	—	—	—	—	—	—
Martinsville (VA)	—	—	—	3,411	—	—	—	—	—	—	—
Mascoutah (City of)	—	**269**	**405**	—	—	—	—	**1**	**3**	—	**1**
Mascoutah (IL)	—	269	405	—	—	—	—	1	3	—	1
Mass Mun Wholesale Elec	—	**226,013**	**718,760**	—	—	—	—	**361**	**6,526**	—	**277**
Stonybrook (MA)	—	226,013	718,760	—	—	—	—	361	6,526	—	277
Maui Electric Co Ltd	—	**1,031,191**	—	—	—	—	—	**1,758**	—	—	**162**
Cook (HI)	—	38,190	—	—	—	—	—	60	—	—	7
Kahului (HI)	—	207,489	—	—	—	—	—	466	—	—	51
Lanai City (HI)	—	—	—	—	—	—	—	—	—	—	—
Maalaea (HI)	—	757,766	—	—	—	—	—	1,188	—	—	99
Miki Basin (HI)	—	27,746	—	—	—	—	—	45	—	—	5
Mcgrath Lt & Pwr Co	—	**2,814**	—	—	—	—	—	**6**	—	—	**3**
Mcgrath (AK)	—	2,814	—	—	—	—	—	6	—	—	3
Mcgregor (City of)	—	**94**	—	—	—	—	—	*	—	—	**1**
Mc Gregor (IA)	—	94	—	—	—	—	—	*	—	—	1
Mcleansboro (City of)	—	**203**	—	—	—	—	—	*	—	—	*
Mc Leansboro (IL)	—	203	—	—	—	—	—	*	—	—	*
Mcpherson (City of)	—	**4,197**	**55,031**	—	—	—	—	**10**	**827**	—	**22**

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Mcpherson (City of)											
McPherson 3 (KS)	—	1,969	2,398	—	—	—	—	4	34	—	6
Plant No. 2 (KS)	—	2,228	52,633	—	—	—	—	6	793	—	16
Meade (City of)	**—**	**400**	**4,776**	**—**	**—**	**—**	**—**	**1**	**47**	**—**	*****
Meade (KS)	—	400	4,776	—	—	—	—	1	47	—	*
Medina Electric Coop Inc	**—**	**—**	**38,236**	**—**	**—**	**—**	**—**	**—**	**489**	**—**	**18**
Pearsall (TX)	—	—	38,236	—	—	—	—	—	489	—	18
Melrose (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Melrose (MN)	—	—	—	—	—	—	—	—	—	—	—
Memphis (City of)	**—**	**444**	**316**	**—**	**—**	**—**	**—**	**1**	**4**	**—**	*****
Memphis (MO)	—	444	316	—	—	—	—	1	4	—	*
Menasha (City of)	**8,603**	**—**	**—**	**—**	**—**	**—**	**4**	**—**	**—**	*****	**—**
Menasha (WI)	8,603	—	—	—	—	—	4	—	—	*	—
Merced Irrigation Dist	**—**	**—**	**—**	**612,396**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Canal Creek (CA)	—	—	—	—	—	—	—	—	—	—	—
Exchequer (CA)	—	—	—	548,057	—	—	—	—	—	—	—
Fairfield (CA)	—	—	—	1,963	—	—	—	—	—	—	—
Mcswain (CA)	—	—	—	55,892	—	—	—	—	—	—	—
Parker (CA)	—	—	—	6,484	—	—	—	—	—	—	—
Merrillan (City of)	**—**	**31**	**—**	**267**	**—**	**—**	**—**	*****	**—**	**—**	*****
Merrillan (WI)	—	31	—	267	—	—	—	*	—	—	*
Metlakatla Pwr & Lgt Co	**—**	**2,382**	**—**	**18,472**	**—**	**—**	**—**	**5**	**—**	**—**	**2**
Centennial (AK)	—	2,382	—	—	—	—	—	5	—	—	2
Chester Lake (AK)	—	—	—	4,700	—	—	—	—	—	—	—
Leffel Turbine (AK)	—	—	—	13,772	—	—	—	—	—	—	—
Metropolitan Edison Co	**3,175,031**	**54,573**	**153,541**	**117,572**	**—**	**—**	**1,266**	**141**	**1,839**	**186**	**92**
Hamilton (PA)	—	6,148	—	—	—	—	—	21	—	—	5
Hunterstown (PA)	—	138	27,625	—	—	—	—	*	430	—	8
Mountain (PA)	—	888	18,271	—	—	—	—	2	289	—	6
Orrtanna (PA)	—	5,486	—	—	—	—	—	19	—	—	4
Portland (PA)	1,901,557	26,035	101,275	—	—	—	743	51	1,046	128	52
Shawnee (PA)	—	2,976	—	—	—	—	—	8	—	—	5
Titus (PA)	1,273,474	2,968	6,370	—	—	—	523	6	73	59	5
Tolna (PA)	—	9,934	—	—	—	—	—	35	—	—	6
Yorkhaven (PA)	—	—	—	117,572	—	—	—	—	—	—	—
Metropolitan Water Dist	**—**	**—**	**—**	**240,258**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Corona (CA)	—	—	—	19,059	—	—	—	—	—	—	—
Coyote Creek (CA)	—	—	—	17,283	—	—	—	—	—	—	—
Etiwanda (CA)	—	—	—	24,917	—	—	—	—	—	—	—
Foothill Feeder (CA)	—	—	—	31,595	—	—	—	—	—	—	—
Greg Avenue (CA)	—	—	—	350	—	—	—	—	—	—	—
Lake Mathews (CA)	—	—	—	34,471	—	—	—	—	—	—	—
Perris (CA)	—	—	—	6,971	—	—	—	—	—	—	—
Red Mountain (CA)	—	—	—	31,464	—	—	—	—	—	—	—
Rio Hondo (CA)	—	—	—	3,259	—	—	—	—	—	—	—
San Dimas (CA)	—	—	—	13,736	—	—	—	—	—	—	—
Sepulv Cyn (CA)	—	—	—	8,448	—	—	—	—	—	—	—
Temescal (CA)	—	—	—	18,480	—	—	—	—	—	—	—
Valley View (CA)	—	—	—	1,888	—	—	—	—	—	—	—
Venice (CA)	—	—	—	2,871	—	—	—	—	—	—	—
Yorba Linda (CA)	—	—	—	25,466	—	—	—	—	—	—	—
Michigan So Cent Pwr Agen	**249,077**	**46,004**	**—**	**—**	**—**	**—**	**134**	**1**	**—**	**26**	**7**
Endicott (MI)	249,077	46,004	—	—	—	—	134	1	—	26	7
Midwest Energy Inc	**—**	**287**	**419**	**—**	**—**	**—**	**—**	**2**	**13**	**—**	**3**
Bird City (KS)	—	18	—	—	—	—	—	*	—	—	*

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Midwest Energy Inc											
Colby (KS)	—	41	51	—	—	—	—	*	5	—	2
Ellis (KS)	—	44	—	—	—	—	—	*	—	—	*
Great Bend (KS)	—	184	368	—	—	—	—	*	8	—	*
MidAmerican Energy	**19,510,368**	**30,891**	**246,483**	**11,432**	**—**	**—**	**12,187**	**78**	**3,444**	**1,901**	**63**
Coralville (IA)	—	–225	4,489	—	—	—	—	—	68	—	—
Council Bluffs (IA)	5,404,225	5,700	6,395	—	—	—	3,495	11	70	384	7
Electrifarm (IA)	—	–75	86,929	—	—	—	—	*	1,172	—	10
George Neal South (IA)	3,861,186	1,125	—	—	—	—	2,405	7	—	407	4
Louisa (IA)	4,154,737	31	9,652	—	—	—	2,619	*	100	467	2
Moline (IL)	—	–83	4,902	11,432	—	—	—	—	84	—	—
Neal, George (IA)	5,615,396	—	23,956	—	—	—	3,360	—	247	523	—
Parr (IA)	—	–89	6,282	—	—	—	—	*	99	—	2
Pleasant Hill (IA)	—	24,803	—	—	—	—	—	60	—	—	26
River Hills (IA)	—	–169	25,876	—	—	—	—	—	422	—	4
Riverside (IA)	474,824	—	16,525	—	—	—	307	—	192	119	—
Sycamore (IA)	—	–127	61,477	—	—	—	—	—	990	—	8
Milford (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Milford (IA)	—	—	—	—	—	—	—	—	—	—	—
Minden (City of)	**—**	**130**	**11,498**	**—**	**—**	**—**	**—**	*****	**156**	**—**	*****
Minden (LA)	—	130	11,498	—	—	—	—	*	156	—	*
Minneapolis (City of)	**—**	**175**	**3,339**	**—**	**—**	**—**	**—**	**1**	**34**	**—**	*****
Minneapolis (KS)	—	175	3,339	—	—	—	—	1	34	—	*
Minnesota Power Inc	**6,973,634**	**12,653**	**—**	**565,256**	**—**	**—**	**4,216**	**24**	**—**	**437**	**7**
Blanchard (MN)	—	—	—	107,088	—	—	—	—	—	—	—
Boswell (MN)	6,402,933	11,682	—	—	—	—	3,824	22	—	314	7
Fond Du Lac (MN)	—	—	—	47,199	—	—	—	—	—	—	—
Hibbard, M L (MN)	—	—	—	—	—	—	—	—	—	—	—
Knife Falls (MN)	—	—	—	11,455	—	—	—	—	—	—	—
Laskin (MN)	570,701	971	—	—	—	—	392	2	—	123	*
Little Falls (MN)	—	—	—	32,302	—	—	—	—	—	—	—
Pillager (MN)	—	—	—	11,519	—	—	—	—	—	—	—
Prairie River (MN)	—	—	—	3,148	—	—	—	—	—	—	—
Scanlon (MN)	—	—	—	8,426	—	—	—	—	—	—	—
Sylvan (MN)	—	—	—	12,964	—	—	—	—	—	—	—
Thompson (MN)	—	—	—	312,621	—	—	—	—	—	—	—
Winton (MN)	—	—	—	18,534	—	—	—	—	—	—	—
Minnkota Power Coop Inc	**4,799,261**	**22,599**	**—**	**—**	**—**	**—**	**4,130**	**38**	**—**	**394**	**20**
Grand Forks (ND)	—	—	—	—	—	—	—	—	—	—	—
Harwood (ND)	—	—	—	—	—	—	—	—	—	—	—
Young, Milton R (ND)	4,799,261	22,599	—	—	—	—	4,130	38	—	394	20
Minnkota Power Coop Inc	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Hawley (MN)	—	—	—	—	—	—	—	—	—	—	—
Mission Valley Power	**—**	**—**	**—**	**2,033**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Hellroaring (MT)	—	—	—	2,033	—	—	—	—	—	—	—
Mississippi Power Co	**9,406,868**	**10,215**	**1,978,623**	**—**	**—**	**—**	**4,672**	**19**	**37,090**	**584**	**42**
Daniel, Victor J Jr. (MS)	4,781,321	7,196	—	—	—	—	2,613	12	—	469	4
Eaton (MS)	—	—	190,216	—	—	—	—	—	2,478	—	—
Standard Oil (MS)	—	—	899,288	—	—	—	—	—	23,737	—	—
Sweatt (MS)	—	—	257,955	—	—	—	—	—	3,335	—	3
Watson (MS)	4,625,547	3,019	631,164	—	—	—	2,060	7	7,539	114	35
Mississippi Pwr & Lgt Co	**—**	**5,403,725**	**2,819,799**	**—**	**—**	**—**	**—**	**8,349**	**29,519**	**—**	**1,604**
Andrus (MS)	—	2,631,509	—	—	—	—	—	4,081	—	—	895
Brown, Rex (MS)	—	993	488,495	—	—	—	—	4	6,177	—	1
Delta (MS)	—	18,779	390,859	—	—	—	—	51	4,461	—	34
Natchez (MS)	—	—	—	—	—	—	—	—	—	—	—
Wilson, B (MS)	—	2,752,444	1,940,445	—	—	—	—	4,212	18,881	—	674

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Missouri Basin Mun Pwr Agency	—	**1,356**	—	—	—	—	—	**4**	—	—	**7**
Watertown (SD)	—	1,356	—	—	—	—	—	4	—	—	7
Modesto Irrigation Dist	—	**4,468**	**91,220**	**15,097**	—	—	—	**13**	**877**	—	**13**
McClure (CA)	—	4,468	2,222	—	—	—	—	13	42	—	12
New Hogan (CA)	—	—	—	14,516	—	—	—	—	—	—	—
Stone Drop (CA)	—	—	—	581	—	—	—	—	—	—	—
Woodland (CA)	—	—	88,998	—	—	—	—	—	834	—	1
Monongahela Power Co	**30,842,519**	**19,894**	**42,195**	—	—	—	**12,251**	**34**	**417**	**1,281**	**6**
Albright (WV)	785,618	2,708	—	—	—	—	358	5	—	105	*
Fort Martin (WV)	6,814,494	11,763	—	—	—	—	2,585	19	—	326	5
Harrison (WV)	13,912,820	—	22,994	—	—	—	5,408	—	224	356	*
Pleasants (WV)	8,231,857	4,418	16,790	—	—	—	3,424	8	168	383	*
Rivesville (WV)	237,811	1,005	—	—	—	—	126	2	—	30	*
Willow Island (WV)	859,919	—	2,411	—	—	—	351	—	25	80	*
Monroe (City of)	—	—	—	**3,100**	—	—	—	—	—	—	—
Lower (UT)	—	—	—	1,591	—	—	—	—	—	—	—
Mon Pump St (UT)	—	—	—	94	—	—	—	—	—	—	—
Monroe Upr (UT)	—	—	—	1,415	—	—	—	—	—	—	—
Monroe (City of)	—	**871**	—	—	—	—	—	**2**	—	—	**1**
Monroe (MO)	—	871	—	—	—	—	—	2	—	—	1
Montana Dakota Utils Co	**3,528,059**	**4,099**	**25,883**	—	—	—	**3,045**	**8**	**361**	**197**	**6**
Coyote (ND)	2,797,116	3,987	—	—	—	—	2,346	8	—	145	4
Glendive (MT)	—	121	15,785	—	—	—	—	*	214	—	1
Heskett (ND)	445,431	—	—	—	—	—	423	—	—	41	—
Lewis & Clark (MT)	285,512	—	972	—	—	—	276	—	12	11	—
Miles City (MT)	—	—	9,204	—	—	—	—	—	136	—	1
Williston (ND)	—	–9	–78	—	—	—	—	—	—	—	—
Montana Power Co (The)	**16,222,456**	**14,223**	**14,992**	**3,741,842**	—	—	**10,350**	**32**	**160**	**323**	**12**
Black Eagle (MT)	—	—	—	146,872	—	—	—	—	—	—	—
Cochrane (MT)	—	—	—	337,794	—	—	—	—	—	—	—
Colstrip (MT)	15,642,379	13,889	—	—	—	—	9,956	32	—	283	11
Corette, J E (MT)	580,077	—	14,992	—	—	—	395	—	160	40	—
Frank Bird (MT)	—	—	—	—	—	—	—	—	—	—	—
Hauser Lake (MT)	—	—	—	141,354	—	—	—	—	—	—	—
Holter (MT)	—	—	—	360,983	—	—	—	—	—	—	—
Kerr (MT)	—	—	—	1,013,017	—	—	—	—	—	—	—
Lake Diesel (MT)	—	—	—	—	—	—	—	—	—	—	—
Madison (MT)	—	—	—	59,342	—	—	—	—	—	—	—
Milltown (MT)	—	—	—	18,944	—	—	—	—	—	—	—
Morony (MT)	—	—	—	352,869	—	—	—	—	—	—	—
Mystic Lake (MT)	—	—	—	47,560	—	—	—	—	—	—	—
Rainbow (MT)	—	—	—	262,025	—	—	—	—	—	—	—
Ryan (MT)	—	—	—	495,401	—	—	—	—	—	—	—
Thompson Falls (MT)	—	—	—	505,681	—	—	—	—	—	—	—
Yellowstone (MT)	—	334	—	—	—	—	—	1	—	—	1
Montaup Electric Company	**739,297**	**29,658**	—	—	—	—	**271**	**50**	—	**74**	**147**
Somerset (MA)	739,297	29,658	—	—	—	—	271	50	—	74	147
Montezuma (City of)	—	**372**	**188**	—	—	—	—	**1**	**2**	—	*
Montezuma (IA)	—	372	188	—	—	—	—	1	2	—	*
Moon Lake Elec Assn Inc	—	—	—	**11,471**	—	—	—	—	—	—	—
Uintah (UT)	—	—	—	6,353	—	—	—	—	—	—	—
Yellowstone (UT)	—	—	—	5,118	—	—	—	—	—	—	—
Moorhead (City of)	—	**34**	—	—	—	—	—	*	—	**3**	**1**
Moorhead (MN)	—	34	—	—	—	—	—	*	—	3	1
Moose Lake (City of)	—	**108**	—	—	—	—	—	*	—	—	*
Moose Lake (MN)	—	108	—	—	—	—	—	*	—	—	*

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Mora (City of)	—	—	—	—	—	—	—	—	—	—	—
Mora (MN)	—	—	—	—	—	—	—	—	—	—	—
Morgan (City of)	—	—	**63,258**	—	—	—	—	—	**898**	—	—
Morgan City (LA)	—	—	63,258	—	—	—	—	—	898	—	—
Morrisville (Village of)	—	—	—	**10,150**	—	—	—	—	—	—	—
Cadys Falls (VT)	—	—	—	3,669	—	—	—	—	—	—	—
Morrisville (VT)	—	—	—	5,494	—	—	—	—	—	—	—
W K Sanders (VT)	—	—	—	987	—	—	—	—	—	—	—
Mount Pleasant (City of)	—	—	—	**7,782**	—	—	—	—	—	—	—
Lower (UT)	—	—	—	877	—	—	—	—	—	—	—
Unit 3 (UT)	—	—	—	1,076	—	—	—	—	—	—	—
Unit 4 (UT)	—	—	—	4,437	—	—	—	—	—	—	—
Upper (UT)	—	—	—	1,392	—	—	—	—	—	—	—
Mountain Lake (City of)	—	—	—	—	—	—	—	—	—	—	—
Mountain Lake (MN)	—	—	—	—	—	—	—	—	—	—	—
Mt Pleasant (City of)	—	**1**	**48**	—	—	—	—	*	*	—	*
Mt Pleasant (IA)	—	1	48	—	—	—	—	*	*	—	*
Mullen (Village of)	—	**24**	—	—	—	—	—	*	—	—	*
Mullen (NE)	—	24	—	—	—	—	—	*	—	—	*
Mulvane (City of)	—	**150**	**1,843**	—	—	—	—	*	**18**	—	*
Mulvane (KS)	—	150	1,843	—	—	—	—	*	18	—	*
Murray (City of)	—	**8**	**35**	**12,124**	—	—	—	*	*	—	*
Diesel (UT)	—	8	35	—	—	—	—	*	*	—	*
Little Cottonwood (UT)	—	—	—	12,124	—	—	—	—	—	—	—
Muscatine (City of)	**1,347,176**	**820**	**520**	—	—	—	**853**	**2**	**6**	**224**	**2**
Muscatine (IA)	1,347,176	820	520	—	—	—	853	2	6	224	2
Muscoda (City of)	—	—	—	—	—	—	—	—	—	—	—
Muscoda (WI)	—	—	—	—	—	—	—	—	—	—	—
N Y State Elec & Gas Corp	**9,334,219**	**8,508**	—	**316,495**	—	—	**3,781**	**15**	—	**368**	**8**
Cadyville (NY)	—	—	—	29,030	—	—	—	—	—	—	—
Goudey (NY)	777,006	856	—	—	—	—	315	2	—	66	1
Greenidge (NY)	937,858	943	—	—	—	—	376	2	—	49	1
Harris Lake (NY)	—	53	—	—	—	—	—	*	—	—	*
Hickling (NY)	374,808	—	—	—	—	—	258	—	—	31	—
High Falls (NY)	—	—	—	102,343	—	—	—	—	—	—	—
Jennison (NY)	107,415	—	—	—	—	4,603	70	—	—	29	—
Kents Falls (NY)	—	—	—	60,575	—	—	—	—	—	—	—
Keuka (NY)	—	—	—	—	—	—	—	—	—	—	—
Mechanicvle (NY)	—	—	—	74,970	—	—	—	—	—	—	—
Mill C (NY)	—	—	—	19,486	—	—	—	—	—	—	—
Milliken (NY)	2,223,447	736	—	—	—	—	882	1	—	85	2
Rainbow Falls (NY)	—	—	—	15,328	—	—	—	—	—	—	—
Seneca Falls (NY)	—	—	—	10,970	—	—	—	—	—	—	—
Somerset (NY)	4,913,685	5,920	—	—	—	—	1,881	10	—	109	4
Waterloo (NY)	—	—	—	3,793	—	—	—	—	—	—	—
Naknek Electric Assn Inc	—	**19,776**	—	—	—	—	—	**32**	—	—	**23**
Naknek (AK)	—	19,776	—	—	—	—	—	32	—	—	23
Nantucket Elec Co	—	**926**	—	—	—	—	—	**2**	—	—	**6**
Nantucket (MA)	—	926	—	—	—	—	—	2	—	—	6
Natchitoches (City of)	—	—	—	—	—	—	—	—	—	—	—
Natchitoches (LA)	—	—	—	—	—	—	—	—	—	—	—
Nebraska City (City of)	—	**712**	**6,013**	—	—	—	—	**3**	**69**	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Nebraska City (City of)											
Nebraska City (NE)	—	664	5,769	—	—	—	—	3	63	—	—
Syracuse No 2 (NE)	—	48	244	—	—	—	—	*	5	—	—
Nebraska Pub Power Dist	**9,954,004**	**12,489**	**106,758**	**328,119**	**4,869,907**	**—**	**6,163**	**27**	**1,225**	**1,217**	**108**
Canaday (NE)	—	—	53,729	—	—	—	—	—	595	—	78
Columbus (NE)	—	—	—	110,353	—	—	—	—	—	—	—
Cooper (NE)	—	—	—	—	4,869,907	—	—	—	—	—	—
David City (NE)	—	1,219	990	—	—	—	—	3	12	—	*
Gentleman (NE)	8,574,112	—	26,397	—	—	—	5,271	—	276	1,020	6
Hallam (NE)	—	168	21,873	—	—	—	—	*	294	—	2
Hebron (NE)	—	3,935	—	—	—	—	—	9	—	—	9
Kearney (NE)	—	—	—	800	—	—	—	—	—	—	—
Lodgepole (NE)	—	20	—	—	—	—	—	*	—	—	*
Lyons (NE)	—	88	—	—	—	—	—	*	—	—	*
Madison (NE)	—	102	792	—	—	—	—	*	11	—	*
Mc Cook (NE)	—	4,429	—	—	—	—	—	10	—	—	10
Minnechaduza (NE)	—	—	—	—	—	—	—	—	—	—	—
Mobile (NE)	—	—	—	—	—	—	—	—	—	—	—
Monroe (NE)	—	—	—	22,632	—	—	—	—	—	—	—
North Platte (NE)	—	—	—	184,694	—	—	—	—	—	—	—
Ord (NE)	—	1,876	821	—	—	—	—	4	9	—	*
Sheldon (NE)	1,379,892	—	1,405	—	—	707	892	—	16	198	—
Spencer (NE)	—	—	—	9,640	—	—	—	—	—	—	—
Sutherland (NE)	—	564	—	—	—	—	—	1	—	—	*
Wakefield (NE)	—	88	751	—	—	—	—	*	12	—	*
Neodesha (City of)	**—**	**220**	**640**	**—**	**—**	**—**	**—**	*****	**10**	**—**	*****
Neodesha (KS)	—	220	640	—	—	—	—	*	10	—	*
Nevada Irrigation Dist	**—**	**—**	**—**	**544,788**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Bowman (CA)	—	—	—	772	—	—	—	—	—	—	—
Chicago Park (CA)	—	—	—	222,268	—	—	—	—	—	—	—
Combie No (CA)	—	—	—	10,380	—	—	—	—	—	—	—
Combie So (CA)	—	—	—	5,517	—	—	—	—	—	—	—
Dutch Flat No.2 (CA)	—	—	—	188,248	—	—	—	—	—	—	—
Rollins (CA)	—	—	—	95,617	—	—	—	—	—	—	—
Scott Flat (CA)	—	—	—	21,986	—	—	—	—	—	—	—
Nevada Power Co	**4,017,623**	**10,845**	**2,831,023**	**—**	**—**	**—**	**1,872**	**20**	**26,276**	**183**	**47**
Clark (NV)	—	—	2,508,635	—	—	—	—	—	22,406	—	8
Gardner, Reid (NV)	4,017,623	10,845	—	—	—	—	1,872	20	—	183	12
Sun Peak (NV)	—	—	202,505	—	—	—	—	—	2,550	—	—
Sunrise (NV)	—	—	119,883	—	—	—	—	—	1,321	—	27
New England Power Co	**6,464,422**	**1,866,066**	**2,105,175**	**1,039,154**	**—**	**—**	**2,490**	**3,158**	**16,303**	**—**	**1**
Bear Swamp (MA)	—	—	—	–85,722	—	—	—	—	—	—	—
Bellows Falls (VT)	—	—	—	180,424	—	—	—	—	—	—	—
Brayton Point (MA)	5,110,603	396,904	52,651	—	—	—	1,919	707	714	—	—
Comerford (NH)	—	—	—	267,692	—	—	—	—	—	—	—
Deerfield No. 2 (MA)	—	—	—	22,299	—	—	—	—	—	—	—
Deerfield No. 3 (MA)	—	—	—	23,256	—	—	—	—	—	—	—
Deerfield No. 4 (MA)	—	—	—	19,328	—	—	—	—	—	—	—
Deerfield No. 5 (MA)	—	—	—	41,145	—	—	—	—	—	—	—
Fife Brook (MA)	—	—	—	24,523	—	—	—	—	—	—	—
Gloucester (MA)	—	5,642	—	—	—	—	—	11	—	—	1
Harriman (VT)	—	—	—	79,293	—	—	—	—	—	—	—
Manchester Street (RI)	—	379	2,052,524	—	—	—	—	1	15,589	—	—
Mcindoes (NH)	—	—	—	34,337	—	—	—	—	—	—	—
Moore (NH)	—	—	—	178,037	—	—	—	—	—	—	—
Newburyport (MA)	—	776	—	—	—	—	—	1	—	—	*
Salem Harbor (MA)	1,353,819	1,462,365	—	—	—	—	571	2,438	—	—	—
Sherman (MA)	—	—	—	21,121	—	—	—	—	—	—	—
Vernon (NH)	—	—	—	60,712	—	—	—	—	—	—	—
Vernon (VT)	—	—	—	35,752	—	—	—	—	—	—	—
Wilder (NH)	—	—	—	83,464	—	—	—	—	—	—	—
Wilder (VT)	—	—	—	39,665	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
New Hampton (City of)	—	**222**	**1,368**	—	—	—	—	**1**	**12**	—	*
New Hampton (IA)	—	222	1,368	—	—	—	—	1	12	—	*
New Lisbon (City of)	—	**74**	**1**	—	—	—	—	*	*	—	*
New Lisbon (WI)	—	74	1	—	—	—	—	*	*	—	*
New Orleans Pub Serv Inc	—	**439,652**	**2,860,391**	—	—	—	—	**673**	**31,203**	—	**205**
Michoud (LA)	—	438,278	2,860,391	—	—	—	—	668	31,203	—	203
Paterson, A B (LA)	—	1,374	—	—	—	—	—	5	—	—	2
New Prague (City of)	—	**400**	**3,243**	—	—	—	—	**1**	**29**	—	*
New Prague (MN)	—	400	3,243	—	—	—	—	1	29	—	*
New Roads (City of)	—	**111**	**249**	—	—	—	—	*	**3**	—	**1**
New Roads (LA)	—	111	249	—	—	—	—	*	3	—	1
New Smyrna Beach (City of	—	**2,310**	—	—	—	—	—	**4**	—	—	**1**
Causeway (FL)	—	—	—	—	—	—	—	—	—	—	—
Glencoe Road (FL)	—	—	—	—	—	—	—	—	—	—	—
New Smyra (FL)	—	1,704	—	—	—	—	—	3	—	—	*
W E Swoope (FL)	—	606	—	—	—	—	—	1	—	—	*
New Ulm (City of)	—	**3,033**	**23,978**	—	—	—	—	**7**	**595**	**3**	**5**
New Ulm (MN)	—	3,033	23,978	—	—	—	—	7	595	3	5
Newberry (City of)	—	**97**	—	—	—	—	—	*	—	—	*
Newberry (MI)	—	97	—	—	—	—	—	*	—	—	*
Newport Electric Corp	—	**1,278**	—	—	—	—	—	**2**	—	—	**2**
Eldred (RI)	—	884	—	—	—	—	—	2	—	—	1
Jepson (RI)	—	394	—	—	—	—	—	1	—	—	1
Niagara Mohawk Power Corp	**7,975,768**	**1,015,706**	**892,584**	**2,802,261**	**12,153,137**	—	**3,132**	**1,598**	**10,964**	**405**	**1,866**
Albany (NY)	—	347,292	762,956	—	—	—	—	567	9,242	—	471
Allens Falls (NY)	—	—	—	20,842	—	—	—	—	—	—	—
Baldwinsville (NY)	—	—	—	1,750	—	—	—	—	—	—	—
Beardslee (NY)	—	—	—	40,499	—	—	—	—	—	—	—
Beebee Island (NY)	—	—	—	44,305	—	—	—	—	—	—	—
Belfort (NY)	—	—	—	12,750	—	—	—	—	—	—	—
Bennetts Bridge (NY)	—	—	—	71,132	—	—	—	—	—	—	—
Black River (NY)	—	—	—	29,425	—	—	—	—	—	—	—
Blake (NY)	—	—	—	69,350	—	—	—	—	—	—	—
Browns Falls (NY)	—	—	—	60,955	—	—	—	—	—	—	—
Chasm (NY)	—	—	—	18,754	—	—	—	—	—	—	—
Colton (NY)	—	—	—	147,994	—	—	—	—	—	—	—
Deferiet (NY)	—	—	—	53,468	—	—	—	—	—	—	—
Dunkirk (NY)	3,639,256	6,268	—	—	—	—	1,366	11	—	180	1
Eagle (NY)	—	—	—	33,874	—	—	—	—	—	—	—
East Norfolk (NY)	—	—	—	24,800	—	—	—	—	—	—	—
Eel Weir (NY)	—	—	—	8,845	—	—	—	—	—	—	—
Effley (NY)	—	—	—	17,130	—	—	—	—	—	—	—
Elmer (NY)	—	—	—	11,490	—	—	—	—	—	—	—
Ephratah (NY)	—	—	—	11,821	—	—	—	—	—	—	—
Feeder Dam (NY)	—	—	—	24,684	—	—	—	—	—	—	—
Five Falls (NY)	—	—	—	112,511	—	—	—	—	—	—	—
Flat Rock (NY)	—	—	—	17,274	—	—	—	—	—	—	—
Franklin (NY)	—	—	—	10,898	—	—	—	—	—	—	—
Fulton (NY)	—	—	—	4,971	—	—	—	—	—	—	—
Glenwood (NY)	—	—	—	6,500	—	—	—	—	—	—	—
Granby (NY)	—	—	—	36,782	—	—	—	—	—	—	—
Green Island (NY)	—	—	—	31,269	—	—	—	—	—	—	—
Hannawa (NY)	—	—	—	53,436	—	—	—	—	—	—	—
Herrings (NY)	—	—	—	24,168	—	—	—	—	—	—	—
Heuvelton (NY)	—	—	—	5,812	—	—	—	—	—	—	—
High Dam (NY)	—	—	—	39,560	—	—	—	—	—	—	—
High Falls (NY)	—	—	—	34,721	—	—	—	—	—	—	—
Higley (NY)	—	—	—	36,012	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Niagara Mohawk Power Corp											
Hogansburg (NY)	—	—	—	2,318	—	—	—	—	—	—	—
Huntley, C R (NY)	4,336,512	6,172	—	—	—	—	1,766	12	—	225	3
Hydraulic Race (NY)	—	—	—	8,568	—	—	—	—	—	—	—
Inghams (NY)	—	—	—	23,960	—	—	—	—	—	—	—
Johnsonville (NY)	—	—	—	6,059	—	—	—	—	—	—	—
Kamargo (NY)	—	—	—	23,294	—	—	—	—	—	—	—
Lighthouse Hill (NY)	—	—	—	14,446	—	—	—	—	—	—	—
Macomb (NY)	—	—	—	6,708	—	—	—	—	—	—	—
Mechanicville (NY)	—	—	—	−279	—	—	—	—	—	—	—
Minetto (NY)	—	—	—	33,163	—	—	—	—	—	—	—
Moshier (NY)	—	—	—	49,090	—	—	—	—	—	—	—
Nine Mile Point (NY)	—	98	—	—	12,153,137	—	—	*	—	—	1
Norfolk (NY)	—	—	—	24,200	—	—	—	—	—	—	—
Norwood (NY)	—	—	—	15,392	—	—	—	—	—	—	—
Oak Orchard (NY)	—	—	—	1,149	—	—	—	—	—	—	—
Oswegatchie (NY)	—	—	—	—	—	—	—	—	—	—	—
Oswego (NY)	—	655,876	129,628	—	—	—	—	1,008	1,723	—	1,390
Oswego Falls Es (NY)	—	—	—	24,196	—	—	—	—	—	—	—
Oswego Falls Ws (NY)	—	—	—	8,135	—	—	—	—	—	—	—
Parishville (NY)	—	—	—	8,584	—	—	—	—	—	—	—
Piercefield (NY)	—	—	—	9,172	—	—	—	—	—	—	—
Prospect (NY)	—	—	—	61,774	—	—	—	—	—	—	—
Rainbow (NY)	—	—	—	113,630	—	—	—	—	—	—	—
Raymondville (NY)	—	—	—	13,404	—	—	—	—	—	—	—
Schaghticoke (NY)	—	—	—	24,133	—	—	—	—	—	—	—
School Street (NY)	—	—	—	159,633	—	—	—	—	—	—	—
Schuylerville (NY)	—	—	—	4,291	—	—	—	—	—	—	—
Sewalls (NY)	—	—	—	15,330	—	—	—	—	—	—	—
Sherman Island (NY)	—	—	—	138,910	—	—	—	—	—	—	—
So Glens Falls (NY)	—	—	—	—	—	—	—	—	—	—	—
Soft Maple (NY)	—	—	—	45,033	—	—	—	—	—	—	—
South Colton (NY)	—	—	—	94,397	—	—	—	—	—	—	—
South Edwards (NY)	—	—	—	20,118	—	—	—	—	—	—	—
Spier Falls (NY)	—	—	—	227,119	—	—	—	—	—	—	—
Stark (NY)	—	—	—	109,067	—	—	—	—	—	—	—
Stewarts Bridge (NY)	—	—	—	126,598	—	—	—	—	—	—	—
Stuyvesant Falls (NY)	—	—	—	—	—	—	—	—	—	—	—
Sugar Island (NY)	—	—	—	29,615	—	—	—	—	—	—	—
Talcville (NY)	—	—	—	2,283	—	—	—	—	—	—	—
Taylorville (NY)	—	—	—	22,973	—	—	—	—	—	—	—
Trenton (NY)	—	—	—	114,563	—	—	—	—	—	—	—
Varick (NY)	—	—	—	26,807	—	—	—	—	—	—	—
Waterport (NY)	—	—	—	10,087	—	—	—	—	—	—	—
West, E J (NY)	—	—	—	62,936	—	—	—	—	—	—	—
Yaleville (NY)	—	—	—	3,623	—	—	—	—	—	—	—
Niles (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Niles (MI)	—	—	—	—	—	—	—	—	—	—	—
Nome Lgt & Pwr Util	**—**	**28,595**	**—**	**—**	**—**	**—**	**—**	**43**	**—**	**—**	**49**
Snake River (AK)	—	28,595	—	—	—	—	—	43	—	—	49
North Atlantic Energy Corp	**—**	**—**	**—**	**—**	**8,387,023**	**—**	**—**	**—**	**—**	**—**	**—**
Seabrook (NH)	—	—	—	—	8,387,023	—	—	—	—	—	—
North Branch (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
North Branch (MN)	—	—	—	—	—	—	—	—	—	—	—
North Cent Pwr Co Inc	**—**	**14**	**—**	**6,628**	**—**	**—**	**—**	*****	**—**	**—**	*****
Arpin (WI)	—	—	—	5,213	—	—	—	—	—	—	—
Radisson (WI)	—	14	—	—	—	—	—	*	—	—	*
Winter (WI)	—	—	—	1,415	—	—	—	—	—	—	—
North Little Rk (City of)	**—**	**—**	**—**	**152,171**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Murray (AR)	—	—	—	152,171	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Northeast Mo El Pwr Coop	—	—	—	—	—	—	—	—	—	—	—
South River Station (MO)	—	—	—	—	—	—	—	—	—	—	—
Northeast Nucl Energy Co	—	—	—	—	**3,260,297**	—	—	—	—	—	—
Millstone (CT)	—	—	—	—	3,260,297	—	—	—	—	—	—
Northern Ind Pub Serv Co	**15,442,349**	**597,177**	**424,066**	**81,523**	—	—	**8,567**	—	**5,080**	**1,135**	—
Bailly (IN)	2,751,400	—	17,183	—	—	—	1,356	—	187	162	—
Michigan City (IN)	2,339,202	—	136,929	—	—	—	1,379	—	1,583	211	—
Mitchell, Dean H (IN)	1,724,127	—	167,457	—	—	—	1,062	—	1,937	165	—
Norway (IN)	—	—	—	34,807	—	—	—	—	—	—	—
Oakdale (IN)	—	—	—	46,716	—	—	—	—	—	—	—
Schahfer, R. M. (IN)	8,627,620	597,177	102,497	—	—	—	4,770	—	1,373	598	—
Northern States Power Co	**21,971,009**	**655,072**	**475,924**	**695,808**	**11,644,106**	—	**13,101**	**219**	**6,522**	**1,574**	**287**
Angus Anson (SD)	—	379	168,524	—	—	—	—	1	2,168	—	29
Apple River (WI)	—	—	—	16,975	—	—	—	—	—	—	—
Bay Front (WI)	111,295	—	47,453	—	—	164,113	69	—	687	30	—
Big Falls (WI)	—	—	—	26,296	—	—	—	—	—	—	—
Black Dog (MN)	1,440,732	—	52,159	—	—	—	929	—	579	97	*
Blue Lake (MN)	—	9,021	—	—	—	—	—	35	—	—	61
Cedar Falls (WI)	—	—	—	27,423	—	—	—	—	—	—	—
Chippewa Falls (WI)	—	—	—	54,574	—	—	—	—	—	—	—
Cornell (WI)	—	—	—	47,479	—	—	—	—	—	—	—
Dells (WI)	—	—	—	30,844	—	—	—	—	—	—	—
Flambeau (WI)	—	—	7,804	—	—	—	—	—	150	—	7
French Island (WI)	—	11,130	117	—	—	67,689	—	34	2	—	38
Granite City (MN)	—	5	10,579	—	—	—	—	*	187	—	1
Hayward (WI)	—	—	—	1,490	—	—	—	—	—	—	—
Hennepin Island (MN)	—	—	—	81,914	—	—	—	—	—	—	—
High Bridge (MN)	1,498,377	—	23,132	—	—	—	928	—	246	62	3
Holcombe (WI)	—	—	—	65,208	—	—	—	—	—	—	—
Inver Hills (MN)	—	6,645	83,150	—	—	—	—	11	1,210	—	54
Jim Falls (WI)	—	—	—	88,694	—	—	—	—	—	—	—
Key City (MN)	—	—	20,515	—	—	—	—	—	296	—	3
King (MN)	2,185,830	397,081	3,055	—	—	—	1,282	—	39	124	—
Ladysmith (WI)	—	—	—	7,731	—	—	—	—	—	—	—
Menomonie (WI)	—	—	—	22,759	—	—	—	—	—	—	—
Minnesota Valley (MN)	6,917	14	417	—	—	—	4	*	9	—	*
Monticello (MN)	—	—	—	—	4,118,927	—	—	—	—	—	—
Pathfinder (SD)	—	—	–1,505	—	—	—	—	—	6	—	—
Prairie Island (MN)	—	—	—	—	7,525,179	—	—	—	—	—	—
Redwing (MN)	—	—	1,507	—	—	127,392	—	—	27	—	—
Riverdale (WI)	—	—	—	3,447	—	—	—	—	—	—	—
Riverside (MN)	2,388,544	176,278	2,956	—	—	—	1,432	3	31	120	*
Saxon Falls (MI)	—	—	—	8,529	—	—	—	—	—	—	—
Sherburne County (MN)	14,339,314	14,110	—	—	—	—	8,457	25	—	1,141	4
St Croix Falls (WI)	—	—	—	98,988	—	—	—	—	—	—	—
Superior Falls (MI)	—	—	—	8,638	—	—	—	—	—	—	—
Thornapple (WI)	—	—	—	6,424	—	—	—	—	—	—	—
Trego (WI)	—	—	—	6,724	—	—	—	—	—	—	—
West Faribault (MN)	—	—	1,858	—	—	—	—	—	33	—	—
Wheaton (WI)	—	40,409	53,135	—	—	—	—	111	832	—	84
White River (WI)	—	—	—	4,337	—	—	—	—	—	—	—
Wilmarth (MN)	—	—	1,068	—	—	132,705	—	—	19	—	—
Wissota (WI)	—	—	—	87,334	—	—	—	—	—	—	—
Northway Power & Light	—	—	—	—	—	—	—	—	—	—	—
Northway (AK)	—	—	—	—	—	—	—	—	—	—	—
Northwestern Pub Serv Co	—	**697**	**11,067**	—	—	—	—	**4**	**200**	—	**10**
Aberdeen (SD)	—	722	—	—	—	—	—	2	—	—	2
Clark (SD)	—	–26	—	—	—	—	—	*	—	—	*
Faulkton (SD)	—	–30	—	—	—	—	—	*	—	—	*
Highmore (SD)	—	–38	—	—	—	—	—	*	—	—	*
Huron (SD)	—	—	10,534	—	—	—	—	*	191	—	6
Mobile (SD)	—	–54	—	—	—	—	—	*	—	—	*

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Northwestern Pub Serv Co											
Redfield (SD)	—	–17	2	—	—	—	—	*	2	—	*
Webster (SD)	—	–97	—	—	—	—	—	*	—	—	*
Yankton New (SD)	—	237	531	—	—	—	—	1	8	—	1
Northwestern Wis Elec Co	**—**	**–6**	**—**	**9,272**	**—**	**—**	**—**	**1**	**—**	**—**	**2**
Black Brook (WI)	—	—	—	1,572	—	—	—	—	—	—	—
Clam Falls (WI)	—	—	—	—	—	—	—	—	—	—	—
Clam River Dam (WI)	—	—	—	4,821	—	—	—	—	—	—	—
Danbury (WI)	—	–119	—	2,879	—	—	—	1	—	—	1
Frederic (WI)	—	70	—	—	—	—	—	*	—	—	*
Grantsburg (WI)	—	43	—	—	—	—	—	*	—	—	*
Northwood (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Northwood (ND)	—	—	—	—	—	—	—	—	—	—	—
Norton (City of)	**—**	**44**	**250**	**—**	**—**	**—**	**—**	*****	**4**	**—**	*****
Norton (KS)	—	44	250	—	—	—	—	*	4	—	*
Norway (City of)	**—**	**—**	**—**	**19,988**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Norway (MI)	—	—	—	19,988	—	—	—	—	—	—	—
Norwich (City of)	**—**	**996**	**—**	**10,255**	**—**	**—**	**—**	**3**	**—**	**—**	**2**
North Main (CT)	—	996	—	—	—	—	—	3	—	—	2
Occum (CT)	—	—	—	3,538	—	—	—	—	—	—	—
10Th Street (CT)	—	—	—	5,324	—	—	—	—	—	—	—
2Nd Street (CT)	—	—	—	1,393	—	—	—	—	—	—	—
Nushagak Elec Coop Inc	**—**	**1,572**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	**1**
Dillingham (AK)	—	1,572	—	—	—	—	—	1	—	—	1
Oakdale South San Joaquin	**—**	**—**	**—**	**690,575**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Beardsley (CA)	—	—	—	70,170	—	—	—	—	—	—	—
Donnels (CA)	—	—	—	369,368	—	—	—	—	—	—	—
Sand Bar (CA)	—	—	—	121,882	—	—	—	—	—	—	—
Tulloch (CA)	—	—	—	129,155	—	—	—	—	—	—	—
Oakley (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Oakely (KS)	—	—	—	—	—	—	—	—	—	—	—
Oberlin (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Oberlin (KS)	—	—	—	—	—	—	—	—	—	—	—
Oberlin (City of)	**—**	**600**	**3,748**	**—**	**—**	**—**	**—**	**1**	**41**	**—**	*****
Oberlin (OH)	—	600	3,748	—	—	—	—	1	41	—	*
Oconto Electric Coop	**—**	**—**	**—**	**4,557**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Stiles (WI)	—	—	—	4,557	—	—	—	—	—	—	—
Odessa (City of)	**—**	**180**	**312**	**—**	**—**	**—**	**—**	*****	**3**	**—**	*****
Odessa (MO)	—	180	312	—	—	—	—	*	3	—	*
Ogden (City of)	**—**	**274**	**72**	**—**	**—**	**—**	**—**	*****	**1**	**—**	*****
Ogden (IA)	—	274	72	—	—	—	—	*	1	—	*
Oglethorpe Power Corp	**—**	**—**	**—**	**–466,178**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Rocky Mountain (GA)	—	—	—	–469,811	—	—	—	—	—	—	—
Tallassee (GA)	—	—	—	3,633	—	—	—	—	—	—	—
Ohio Edison Co	**16,879,106**	**18,024**	**100,290**	**—**	**—**	**—**	**7,023**	**41**	**1,161**	**878**	**28**
Burger, R E (OH)	1,856,352	1,590	—	—	—	—	776	3	—	129	1
Edgewater (OH)	—	3,668	100,290	—	—	—	—	8	1,161	—	4
Gorge Steam (OH)	—	—	—	—	—	—	—	—	—	—	—
Mad River (OH)	—	1,277	—	—	—	—	—	5	—	—	16
Niles (OH)	1,289,932	3,957	—	—	—	—	586	10	—	53	4
Sammis (OH)	13,732,822	7,532	—	—	—	—	5,661	14	—	696	4
West Lorain (OH)	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Ohio Power Co	**37,246,806**	**91,532**	**—**	**166,927**	**—**	**—**	**15,586**	**156**	**—**	**1,584**	**71**
Gavin, Gen J M (OH)	16,366,864	33,414	—	—	—	—	7,155	57	—	616	19
Kammer (WV)	3,998,827	2,776	—	—	—	—	1,588	5	—	310	1
Mitchell (WV)	9,703,409	27,133	—	—	—	—	3,834	46	—	292	40
Muskingum River (OH)	7,177,706	28,209	—	—	—	—	3,009	49	—	366	10
Racine (OH)	—	—	—	166,927	—	—	—	—	—	—	—
Tidd (OH)	—	—	—	—	—	—	—	—	—	—	—
Ohio Valley Elec Corp	**7,826,528**	**3,611**	**—**	**—**	**—**	**—**	**3,102**	**6**	**—**	**365**	**3**
Kyger Creek (OH)	7,826,528	3,611	—	—	—	—	3,102	6	—	365	3
Oklahoma Gas & Elec Co	**15,383,168**	**3,325**	**7,043,403**	**—**	**—**	**—**	**9,440**	**10**	**75,529**	**1,802**	**236**
Arbuckle (OK)	—	—	—	—	—	—	—	—	—	—	—
Conoco (OK)	—	—	536,157	—	—	—	—	—	4,634	—	—
Enid (OK)	—	—	5,053	—	—	—	—	—	106	—	—
Horseshoe Lake (OK)	—	—	1,065,582	—	—	—	—	—	12,008	—	41
Muskogee (OK)	9,175,682	—	255,191	—	—	—	5,761	—	2,775	1,002	—
Mustang (OK)	—	—	704,034	—	—	—	—	—	7,552	—	—
Seminole (OK)	—	—	4,477,261	—	—	—	—	—	48,453	—	165
Sooner (OK)	6,207,486	3,325	—	—	—	—	3,679	10	—	800	30
Woodward (OK)	—	—	125	—	—	—	—	—	2	—	—
Oklahoma Mun Power Authority	**—**	**77**	**132,941**	**154,776**	**—**	**—**	**—**	*****	**1,315**	**—**	**1**
Kaw Hydro (OK)	—	—	—	154,776	—	—	—	—	—	—	—
Ponca Steam (OK)	—	—	21,654	—	—	—	—	—	296	—	—
Ponca Steam (OK)	—	77	111,287	—	—	—	—	*	1,019	—	1
Omaha Public Power Dist	**7,113,346**	**14,533**	**162,167**	**—**	**3,388,896**	**—**	**4,516**	**33**	**2,055**	**678**	**30**
Fort Calhoun (NE)	—	—	—	—	3,388,896	—	—	—	—	—	—
Jones Street (NE)	—	8,024	—	—	—	—	—	21	—	—	18
Nebraska City (NE)	3,978,323	5,664	—	—	—	—	2,411	10	—	374	4
North Omaha (NE)	3,135,023	—	63,014	—	—	—	2,105	—	737	304	—
Sarpy (NE)	—	845	99,153	—	—	—	—	2	1,319	—	7
Onawa (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Onawa (IA)	—	—	—	—	—	—	—	—	—	—	—
Orange & Rockland Utl Inc	**1,618,392**	**1,018,427**	**2,981,396**	**129,027**	**—**	**—**	**685**	**1,717**	**30,606**	**69**	**467**
Bowline Point (NY)	—	1,018,218	2,503,152	—	—	—	—	1,716	25,525	—	415
Grahamsville (NY)	—	—	—	81,273	—	—	—	—	—	—	—
Hillburn (NY)	—	—	6,895	—	—	—	—	*	123	—	3
Lovett (NY)	1,618,392	86	454,188	—	—	—	685	*	4,644	69	46
Mongaup (NY)	—	—	—	10,879	—	—	—	—	—	—	—
Rio (NY)	—	—	—	23,020	—	—	—	—	—	—	—
Shoemaker (NY)	—	123	17,161	—	—	—	—	1	314	—	3
Swinging Bridge 1 (NY)	—	—	—	11,185	—	—	—	—	—	—	—
Swinging Bridge 2 (NY)	—	—	—	2,670	—	—	—	—	—	—	—
Orcas Power and Light Co	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Eastsound (WA)	—	—	—	—	—	—	—	—	—	—	—
Oregon Trail Elec Coop	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Rock Creek (OR)	—	—	—	—	—	—	—	—	—	—	—
Orlando (City of)	**6,080,507**	**899,595**	**953,167**	**—**	**—**	**—**	**2,305**	**1,492**	**10,342**	**226**	**352**
Indian River (FL)	—	889,461	953,167	—	—	—	—	1,476	10,342	—	348
St Cloud (FL)	—	—	—	—	—	—	—	—	—	—	—
Stanton (FL)	6,080,507	10,134	—	—	—	—	2,305	15	—	226	4
Oroville Wyandotte I Dist	**—**	**—**	**—**	**808,873**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Forbestown (CA)	—	—	—	274,529	—	—	—	—	—	—	—
Kelly Ridge (CA)	—	—	—	90,875	—	—	—	—	—	—	—
Sly Creek (CA)	—	—	—	68,593	—	—	—	—	—	—	—
Woodleaf (CA)	—	—	—	374,876	—	—	—	—	—	—	—
Orrville (City of)	**299,450**	**—**	**432**	**—**	**—**	**—**	**197**	**—**	**7**	*****	**—**
Orrville (OH)	299,450	—	432	—	—	—	197	—	7	*	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Osage (City of)	—	**726**	**168**	—	—	—	—	**1**	**1**	—	*
Osage (IA)	—	726	168	—	—	—	—	1	1	—	*
Osage City (City of)	—	**140**	**1,266**	—	—	—	—	*	**15**	—	*
Osage (KS)	—	140	1,266	—	—	—	—	*	15	—	*
Osawatomie (City of)	—	**1,192**	—	—	—	—	—	**2**	—	—	**1**
Osawatomie (KS)	—	1,192	—	—	—	—	—	2	—	—	1
Osborne (City of)	—	**60**	**71**	—	—	—	—	*	**2**	—	*
Osborne (KS)	—	60	71	—	—	—	—	*	2	—	*
Osceola (City of)	—	—	—	—	—	—	—	—	—	—	—
Osceola (AR)	—	—	—	—	—	—	—	—	—	—	—
Ottawa (City of)	—	**1,449**	**6,650**	—	—	—	—	**3**	**94**	—	**1**
Ottawa (KS)	—	1,449	6,650	—	—	—	—	3	94	—	1
Otter Tail Power Co	**3,539,495**	**10,479**	—	**26,015**	—	—	**2,107**	**26**	—	**226**	**27**
Bemidji (MN)	—	—	—	2,421	—	—	—	—	—	—	—
Big Stone (SD)	2,908,175	2,202	—	—	—	—	1,716	4	—	200	9
Dayton Hollow (MN)	—	—	—	7,281	—	—	—	—	—	—	—
Hoot Lake (MN)	631,320	1,264	—	3,675	—	—	391	3	—	25	*
Jamestown (ND)	—	3,476	—	—	—	—	—	10	—	—	12
Lake Preston (SD)	—	3,537	—	—	—	—	—	9	—	—	6
Pisgah (MN)	—	—	—	5,270	—	—	—	—	—	—	—
Port 148 (MN)	—	—	—	—	—	—	—	—	—	—	—
Taplin Gorge (MN)	—	—	—	4,685	—	—	—	—	—	—	—
Wright (MN)	—	—	—	2,683	—	—	—	—	—	—	—
Owatonna (City of)	—	—	**24,881**	—	—	—	—	—	**321**	—	—
Owatonna (MN)	—	—	24,881	—	—	—	—	—	321	—	—
Owensboro (City of)	**2,631,383**	**3,091**	—	—	—	—	**1,260**	**7**	—	**152**	**1**
Elmer Smith (KY)	2,631,383	3,091	—	—	—	—	1,260	7	—	152	1
Owensville (City of)	—	—	—	—	—	—	—	—	—	—	—
Owensville (MO)	—	—	—	—	—	—	—	—	—	—	—
Oxford (City of)	—	**20**	**188**	—	—	—	—	*	**2**	—	*
Oxford (NE)	—	20	188	—	—	—	—	*	2	—	*
Pacific Gas & Electric Co	—	**78,437**	**12,143,139**	**15,019,704**	**17,105,398**	—	—	**184**	**123,660**	—	**1,403**
Alta (CA)	—	—	—	4,413	—	—	—	—	—	—	—
Balch 1 (CA)	—	—	—	191,170	—	—	—	—	—	—	—
Balch 2 (CA)	—	—	—	644,808	—	—	—	—	—	—	—
Belden (CA)	—	—	—	522,652	—	—	—	—	—	—	—
Black, James B (CA)	—	—	—	950,503	—	—	—	—	—	—	—
Bucks Creek (CA)	—	—	—	385,660	—	—	—	—	—	—	—
Butt Valley (CA)	—	—	—	184,437	—	—	—	—	—	—	—
Caribou 1 (CA)	—	—	—	213,779	—	—	—	—	—	—	—
Caribou 2 (CA)	—	—	—	605,099	—	—	—	—	—	—	—
Centerville (CA)	—	—	—	35,091	—	—	—	—	—	—	—
Chili Bar (CA)	—	—	—	50,006	—	—	—	—	—	—	—
Coal Canyon (CA)	—	—	—	3,455	—	—	—	—	—	—	—
Coleman (CA)	—	—	—	91,412	—	—	—	—	—	—	—
Contra Costa (CA)	—	—	1,894,419	—	—	—	—	—	18,583	—	459
Cow Creek (CA)	—	—	—	15,849	—	—	—	—	—	—	—
Crane Valley (CA)	—	—	—	4,956	—	—	—	—	—	—	—
Cresta (CA)	—	—	—	518,145	—	—	—	—	—	—	—
De Sabla (CA)	—	—	—	113,885	—	—	—	—	—	—	—
Deer Creek (CA)	—	—	—	20,193	—	—	—	—	—	—	—
Diablo Canyon (CA)	—	—	—	—	17,105,398	—	—	—	—	—	—
Downieville (CA)	—	−58	—	—	—	—	—	*	—	—	*
Drum 1 (CA)	—	—	—	70,693	—	—	—	—	—	—	—
Drum 2 (CA)	—	—	—	392,142	—	—	—	—	—	—	—
Dutch Flat (CA)	—	—	—	77,261	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Pacific Gas & Electric Co											
El Dorado (CA)	—	—	—	—	—	—	—	—	—	—	—
Electra (CA)	—	—	—	566,946	—	—	—	—	—	—	—
Haas (CA)	—	—	—	704,807	—	—	—	—	—	—	—
Halsey (CA)	—	—	—	65,780	—	—	—	—	—	—	—
Hamilton Branch (CA)	—	—	—	36,979	—	—	—	—	—	—	—
Hat Creek 1 (CA)	—	—	—	50,692	—	—	—	—	—	—	—
Hat Creek 2 (CA)	—	—	—	68,252	—	—	—	—	—	—	—
Helms (CA)	—	—	—	–332,319	—	—	—	—	—	—	—
Hercules St (CA)	—	—	—	—	—	—	—	—	—	—	—
Humbolt Bay (CA)	—	5,267	250,479	—	—	—	—	13	3,541	—	17
Hunters Point (CA)	—	15,009	1,089,728	—	—	—	—	32	12,768	—	6
Inskip (CA)	—	—	—	63,647	—	—	—	—	—	—	—
Kerckhoff (CA)	—	—	—	75,658	—	—	—	—	—	—	—
Kerckhoff 2 (CA)	—	—	—	732,429	—	—	—	—	—	—	—
Kern Canyon (CA)	—	—	—	61,148	—	—	—	—	—	—	—
Kilarc (CA)	—	—	—	25,247	—	—	—	—	—	—	—
Kings River (CA)	—	—	—	275,283	—	—	—	—	—	—	—
Lime Saddle (CA)	—	—	—	7,931	—	—	—	—	—	—	—
Merced Falls (CA)	—	—	—	19,141	—	—	—	—	—	—	—
Mobile Turbine (CA)	—	—	—	—	—	—	—	—	—	—	—
Morro Bay (CA)	—	—	549,667	—	—	—	—	—	5,741	—	—
Moss Landing (CA)	—	—	2,364,337	—	—	—	—	—	22,737	—	—
Narrows (CA)	—	—	—	55,087	—	—	—	—	—	—	—
Newcastle (CA)	—	—	—	43,828	—	—	—	—	—	—	—
Oak Flat (CA)	—	—	—	6,457	—	—	—	—	—	—	—
Oakland (CA)	—	213	—	—	—	—	—	1	—	—	—
Phoenix (CA)	—	—	—	11,429	—	—	—	—	—	—	—
Pit 1 (CA)	—	—	—	411,102	—	—	—	—	—	—	—
Pit 3 (CA)	—	—	—	540,880	—	—	—	—	—	—	—
Pit 4 (CA)	—	—	—	685,164	—	—	—	—	—	—	—
Pit 5 (CA)	—	—	—	1,195,362	—	—	—	—	—	—	—
Pit 6 (CA)	—	—	—	534,244	—	—	—	—	—	—	—
Pit 7 (CA)	—	—	—	719,500	—	—	—	—	—	—	—
Pittsburg (CA)	—	—	4,863,824	—	—	—	—	—	48,883	—	759
Poe (CA)	—	—	—	688,421	—	—	—	—	—	—	—
Potrero (CA)	—	58,006	1,130,685	—	—	—	—	137	11,407	—	162
Potter Valley (CA)	—	—	—	68,967	—	—	—	—	—	—	—
PVUSA 1 (CA)	—	—	—	—	—	842	—	—	—	—	—
Rock Creek (CA)	—	—	—	813,283	—	—	—	—	—	—	—
Salt Springs (CA)	—	—	—	239,802	—	—	—	—	—	—	—
San Joaquin No. 1a (CA)	—	—	—	2,335	—	—	—	—	—	—	—
San Joaquin No. 2 (CA)	—	—	—	19,763	—	—	—	—	—	—	—
San Joaquin 3 (CA)	—	—	—	23,110	—	—	—	—	—	—	—
South (CA)	—	—	—	56,163	—	—	—	—	—	—	—
Spaulding No. 1 (CA)	—	—	—	49,423	—	—	—	—	—	—	—
Spaulding No. 2 (CA)	—	—	—	14,858	—	—	—	—	—	—	—
Spaulding No. 3 (CA)	—	—	—	48,457	—	—	—	—	—	—	—
Spring Gap (CA)	—	—	—	49,098	—	—	—	—	—	—	—
Stanislaus (CA)	—	—	—	446,192	—	—	—	—	—	—	—
The Geysers (CA)	—	—	—	—	—	4,839,573	—	—	—	—	—
Tiger Creek (CA)	—	—	—	327,069	—	—	—	—	—	—	—
Toadtown (CA)	—	—	—	8,305	—	—	—	—	—	—	—
Tule River (CA)	—	—	—	36,421	—	—	—	—	—	—	—
Volta (CA)	—	—	—	74,130	—	—	—	—	—	—	—
Volta 2 (CA)	—	—	—	8,098	—	—	—	—	—	—	—
West Point (CA)	—	—	—	112,553	—	—	—	—	—	—	—
Wise (CA)	—	—	—	95,221	—	—	—	—	—	—	—
Wishon, A G (CA)	—	—	—	117,752	—	—	—	—	—	—	—
Pacificorp	**55,959,341**	**44,624**	**434,085**	**5,645,961**	**—**	**—**	**31,845**	**83**	**5,674**	**2,740**	**38**
American Fork (UT)	—	—	—	986	—	—	—	—	—	—	—
Ashton (ID)	—	—	—	45,942	—	—	—	—	—	—	—
Beaver Upper (UT)	—	—	—	13,569	—	—	—	—	—	—	—
Bend (OR)	—	—	—	5,757	—	—	—	—	—	—	—
Big Fork (MT)	—	—	—	14,623	—	—	—	—	—	—	—
Blundell (UT)	—	—	—	—	—	160,057	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Pacificorp											
Bridger, Jim (WY)	15,923,292	13,744	—	—	—	—	9,025	24	—	148	16
Carbon (UT)	1,286,805	1,797	—	—	—	—	600	3	—	45	*
Centralia (WA)	9,288,131	4,309	—	—	—	—	6,106	8	—	864	4
Clearwater 1 (OR)	—	—	—	70,894	—	—	—	—	—	—	—
Clearwater 2 (OR)	—	—	—	70,365	—	—	—	—	—	—	—
Cline Falls (OR)	—	—	—	3,248	—	—	—	—	—	—	—
Condit (WA)	—	—	—	95,238	—	—	—	—	—	—	—
Copco 1 (CA)	—	—	—	152,191	—	—	—	—	—	—	—
Copco 2 (CA)	—	—	—	179,180	—	—	—	—	—	—	—
Cove (ID)	—	—	—	53,937	—	—	—	—	—	—	—
Cutler (UT)	—	—	—	176,412	—	—	—	—	—	—	—
Eagle Point (OR)	—	—	—	4,874	—	—	—	—	—	—	—
East Side (OR)	—	—	—	14,900	—	—	—	—	—	—	—
Fall Creek (CA)	—	—	—	11,207	—	—	—	—	—	—	—
Fish Creek (OR)	—	—	—	68,066	—	—	—	—	—	—	—
Ftn Green (UT)	—	—	—	1,221	—	—	—	—	—	—	—
Gadsby (UT)	—	—	322,953	—	—	—	—	—	3,747	—	—
Grace (ID)	—	—	—	259,314	—	—	—	—	—	—	—
Granite (UT)	—	—	—	2,553	—	—	—	—	—	—	—
Hunter (emery) (UT)	9,044,084	9,527	—	—	—	—	4,140	18	—	758	5
Huntington Canyon (UT)	6,445,954	6,941	—	—	—	—	2,910	13	—	528	6
Hydro No. 1 (UT)	—	—	—	2,905	—	—	—	—	—	—	—
Hydro No. 2 (UT)	—	—	—	1,827	—	—	—	—	—	—	—
Hydro No. 3 (UT)	—	—	—	2,624	—	—	—	—	—	—	—
Iron Gate (CA)	—	—	—	142,847	—	—	—	—	—	—	—
John C Boyle (OR)	—	—	—	490,936	—	—	—	—	—	—	—
Johnston, Dave (WY)	5,922,148	6,512	—	—	—	—	4,243	13	—	179	4
Last Chance (UT)	—	—	—	14,959	—	—	—	—	—	—	—
Lemolo 1 (OR)	—	—	—	166,080	—	—	—	—	—	—	—
Lemolo 2 (OR)	—	—	—	226,787	—	—	—	—	—	—	—
Little Mountain (UT)	—	—	84,394	—	—	—	—	—	1,655	—	1
Merwin (WA)	—	—	—	563,519	—	—	—	—	—	—	—
Naches (WA)	—	—	—	28,776	—	—	—	—	—	—	—
Naches Drop (WA)	—	—	—	7,709	—	—	—	—	—	—	—
Naughton (WY)	5,196,325	—	26,738	—	—	—	2,701	—	271	217	1
Olmstead (UT)	—	—	—	56,238	—	—	—	—	—	—	—
Oneida (ID)	—	—	—	113,059	—	—	—	—	—	—	—
Paris (ID)	—	—	—	3,279	—	—	—	—	—	—	—
Pioneer (UT)	—	—	—	28,113	—	—	—	—	—	—	—
Powerdale (OR)	—	—	—	40,609	—	—	—	—	—	—	—
Prospect 1 (OR)	—	—	—	33,736	—	—	—	—	—	—	—
Prospect 2 (OR)	—	—	—	253,495	—	—	—	—	—	—	—
Prospect 3 (OR)	—	—	—	41,202	—	—	—	—	—	—	—
Prospect 4 (OR)	—	—	—	6,517	—	—	—	—	—	—	—
Skookumchuck (WA)	—	—	—	—	—	—	—	—	—	—	—
Slide Creek (OR)	—	—	—	112,242	—	—	—	—	—	—	—
Snake Creek (UT)	—	—	—	4,646	—	—	—	—	—	—	—
Soda (ID)	—	—	—	55,666	—	—	—	—	—	—	—
Soda Springs (OR)	—	—	—	78,094	—	—	—	—	—	—	—
St Anthony (ID)	—	—	—	4,333	—	—	—	—	—	—	—
Stairs (UT)	—	—	—	7,846	—	—	—	—	—	—	—
Swift No. 2 (WA)	—	—	—	225,844	—	—	—	—	—	—	—
Swift 1 (WA)	—	—	—	738,949	—	—	—	—	—	—	—
Toketee (OR)	—	—	—	276,322	—	—	—	—	—	—	—
Viva (WY)	—	—	—	964	—	—	—	—	—	—	—
Wallowa Falls (OR)	—	—	—	3,357	—	—	—	—	—	—	—
Weber (UT)	—	—	—	25,346	—	—	—	—	—	—	—
West Side (OR)	—	—	—	4,380	—	—	—	—	—	—	—
Wyodak (WY)	2,852,602	1,794	—	—	—	—	2,120	4	—	—	2
Yale (WA)	—	—	—	638,278	—	—	—	—	—	—	—
Painesville (City of)	**149,084**	**635**	**574**	**—**	**—**	**—**	**94**	**2**	**9**	**13**	**—**
Painesville (OH)	149,084	635	574	—	—	—	94	2	9	13	—
Palmyra (City of)	**—**	**70**	**1,376**	**—**	**—**	**—**	**—**	*****	**12**	**—**	*****
Palmyra (MO)	—	10	1,100	—	—	—	—	*	8	—	*
Palmyra 2 (MO)	—	60	276	—	—	—	—	*	3	—	*

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Paragould (City of)	—	—	—	—	—	—	—	—	—	—	—
Paragould (AR)	—	—	—	—	—	—	—	—	—	—	—
Paris (City of)	—	—	—	—	—	—	—	—	—	—	—
Paris (KY)	—	—	—	—	—	—	—	—	—	—	—
Parowan City Corporation	—	—	—	**4,407**	—	—	—	—	—	—	—
Center Creek (UT)	—	—	—	2,809	—	—	—	—	—	—	—
Paragonah (UT)	—	—	—	1,598	—	—	—	—	—	—	—
Pasadena (City of)	—	—	**159,161**	**9,250**	—	—	—	—	**2,150**	—	**5**
Azusa (CA)	—	—	—	9,250	—	—	—	—	—	—	—
Broadway (CA)	—	—	156,422	—	—	—	—	—	2,108	—	5
Glenarm (CA)	—	—	2,739	—	—	—	—	—	42	—	—
Pattonsburg (City of)	—	—	—	—	—	—	—	—	—	—	—
Pattonsburg (MO)	—	—	—	—	—	—	—	—	—	—	—
Paullina (City of)	—	—	—	—	—	—	—	—	—	—	—
Paullina (IA)	—	—	—	—	—	—	—	—	—	—	—
Pawhuska (City of)	—	—	—	—	—	—	—	—	—	—	—
Pawhuska (OK)	—	—	—	—	—	—	—	—	—	—	—
Peabody (City of)	—	**29**	**2,108**	—	—	—	—	*	**27**	—	**5**
Waters River (MA)	—	29	2,108	—	—	—	—	*	27	—	5
Pelican Utility Co	—	**324**	—	**1,917**	—	—	—	**1**	—	—	*
Pelican (AK)	—	324	—	1,917	—	—	—	1	—	—	*
Pella (City of)	**62,102**	—	**2,956**	—	—	—	**52**	—	**44**	**2**	—
Pella (IA)	62,102	—	2,956	—	—	—	52	—	44	2	—
Pend Oreille Pub Util D #1	—	—	—	**482,078**	—	—	—	—	—	—	—
Box Canyon (WA)	—	—	—	478,920	—	—	—	—	—	—	—
Calispel Creek (WA)	—	—	—	3,158	—	—	—	—	—	—	—
Pender (City of)	—	**147**	—	—	—	—	—	*	—	—	*
Pender (NE)	—	147	—	—	—	—	—	*	—	—	*
Pennsylvania Electric Co	**45,289,972**	**74,915**	**26,349**	**40,256**	—	—	**17,806**	**157**	**286**	**2,104**	**57**
Blossburg (PA)	—	—	2,044	—	—	—	—	—	35	—	—
Conemaugh (PA)	13,003,010	916	18,320	—	—	—	4,966	2	168	742	5
Deep Creek (MD)	—	—	—	25,132	—	—	—	—	—	—	—
Homer City (PA)	13,669,955	17,897	—	—	—	—	5,450	32	—	589	7
Keystone (PA)	13,334,518	11,634	—	—	—	—	5,066	20	—	543	10
Piney (PA)	—	—	—	53,271	—	—	—	—	—	—	—
Seneca (PA)	—	—	—	–38,147	—	—	—	—	—	—	—
Seward (PA)	1,107,854	5,561	—	—	—	—	519	11	—	80	1
Shawville (PA)	3,907,945	11,312	—	—	—	—	1,645	20	—	114	10
Warren (PA)	266,690	14,026	5,985	—	—	—	160	36	83	35	10
Wayne (PA)	—	13,569	—	—	—	—	—	37	—	—	15
Pennsylvania Power Co	**16,355,033**	**19,502**	—	—	—	—	**6,772**	**34**	—	**1,398**	**12**
Mansfield, Bruce (PA)	14,713,329	18,355	—	—	—	—	6,026	31	—	1,375	12
New Castle (PA)	1,641,704	1,147	—	—	—	—	745	3	—	22	*
Pennsylvania Pwr & Lgt Co	**20,776,768**	**2,233,089**	**212,642**	**616,154**	**16,405,850**	—	**8,460**	**3,019**	**2,712**	**3,532**	**2,013**
Allentown (PA)	—	12,950	—	—	—	—	—	35	—	—	5
Brunner Island (PA)	8,046,185	17,172	—	—	—	—	3,052	40	—	487	9
Coal Storage (PA)	—	—	—	—	—	—	—	—	—	1,758	—
Fishbach (PA)	—	3,263	—	—	—	—	—	20	—	—	2
Harrisburg (PA)	—	13,400	—	—	—	—	—	36	—	—	4
Harwood (PA)	—	3,870	—	—	—	—	—	11	—	—	2
Holtwood (PA)	347,464	199,448	—	523,751	—	—	275	2	—	66	*
Jenkins (PA)	—	4,658	—	—	—	—	—	13	—	—	2
Loch Haven (PA)	—	1,494	—	—	—	—	—	4	—	—	2

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Pennsylvania Pwr & Lgt Co											
Martins Creek (PA)	1,067,115	1,492,619	212,642	—	—	—	469	2,706	2,712	74	1,972
Montour (PA)	9,236,519	41,847	—	—	—	—	3,449	117	—	415	8
Sunbury (PA)	2,079,485	433,541	—	—	—	—	1,215	12	—	732	1
Susquehanna (PA)	—	—	—	—	16,405,850	—	—	—	—	—	—
Wallenpaupack (PA)	—	—	—	92,403	—	—	—	—	—	—	—
West Shore (PA)	—	2,472	—	—	—	—	—	6	—	—	2
Williamsport (PA)	—	6,355	—	—	—	—	—	17	—	—	2
Peru (City of)	**—**	**1,204**	**–760**	**37,539**	**—**	**—**	**—**	**4**	**—**	**—**	**1**
Peru (IL)	—	1,204	–760	37,539	—	—	—	4	—	—	1
Peru Utilities	**7,565**	**52**	**—**	**—**	**—**	**—**	**5**	*****	**—**	**1**	*****
Peru (IN)	7,565	52	—	—	—	—	5	*	—	1	*
Petersburg (City of)	**—**	**784**	**—**	**10,541**	**—**	**—**	**—**	**1**	**—**	**—**	*****
Petersburg (AK)	—	784	—	10,541	—	—	—	1	—	—	*
Piggott Pub Impr Dist # 1	**—**	**105**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Piggott (AR)	—	105	—	—	—	—	—	*	—	—	*
Piqua (City of)	**–806**	**811**	**—**	**—**	**—**	**—**	**—**	**5**	**—**	**—**	**3**
Piqua (OH)	–806	811	—	—	—	—	—	5	—	—	3
Placer County Wtr Agency	**—**	**—**	**—**	**1,362,278**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
French Meadows (CA)	—	—	—	89,316	—	—	—	—	—	—	—
Hell Hole (CA)	—	—	—	2,987	—	—	—	—	—	—	—
Middle Fork (CA)	—	—	—	696,093	—	—	—	—	—	—	—
Oxbow (CA)	—	—	—	39,863	—	—	—	—	—	—	—
Ralston (CA)	—	—	—	534,019	—	—	—	—	—	—	—
Plains El Gen Trans Coop	**1,356,946**	**—**	**5,192**	**—**	**—**	**—**	**781**	**—**	**67**	**51**	**9**
Algodones (NM)	—	—	—	—	—	—	—	—	—	—	—
Escalante (NM)	1,356,946	—	5,192	—	—	—	781	—	67	51	9
Plainview (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Plainview (NE)	—	—	—	—	—	—	—	—	—	—	—
Plaquemine (City of)	**—**	**—**	**19,550**	**—**	**—**	**—**	**—**	**—**	**291**	**—**	**—**
Plaquemine (LA)	—	—	19,550	—	—	—	—	—	291	—	—
Platte River Power Auth	**1,751,272**	**2,497**	**—**	**—**	**—**	**—**	**1,050**	**5**	**—**	**109**	**2**
Rawhide (CO)	1,751,272	2,497	—	—	—	—	1,050	5	—	109	2
Portland (City of)	**—**	**—**	**126**	**1,445**	**—**	**—**	**—**	**—**	**1**	**—**	**—**
Jenkins, Frank (MI)	—	—	126	—	—	—	—	—	1	—	—
Portland (MI)	—	—	—	1,445	—	—	—	—	—	—	—
Portland General Elec Co	**3,348,089**	**33,127**	**3,466,916**	**2,821,010**	**—**	**—**	**2,037**	**59**	**28,884**	**196**	**144**
Beaver (OR)	—	23,549	1,749,440	—	—	—	—	38	16,356	—	121
Bethel (OR)	—	563	39,108	—	—	—	—	1	515	—	19
Boardman (OR)	3,348,089	9,015	—	—	—	—	2,037	20	—	196	3
Bull Run (OR)	—	—	—	109,176	—	—	—	—	—	—	—
Coyote Springs (OR)	—	—	1,678,368	—	—	—	—	—	12,013	—	—
Faraday (OR)	—	—	—	182,358	—	—	—	—	—	—	—
North Fork (OR)	—	—	—	212,603	—	—	—	—	—	—	—
Oak Grove (OR)	—	—	—	270,923	—	—	—	—	—	—	—
Pelton (OR)	—	—	—	488,467	—	—	—	—	—	—	—
Pelton Re Regulation (OR)	—	—	—	95,892	—	—	—	—	—	—	—
Portland Hydro Proj 1 (OR)	—	—	—	89,104	—	—	—	—	—	—	—
Portland Hydro Proj 2 (OR)	—	—	—	—	—	—	—	—	—	—	—
River Mill (OR)	—	—	—	112,882	—	—	—	—	—	—	—
Round Butte (OR)	—	—	—	1,133,396	—	—	—	—	—	—	—
Sullivan (OR)	—	—	—	126,209	—	—	—	—	—	—	—
Potomac Edison Co (The)	**275,772**	**1,147**	**—**	**37,582**	**—**	**—**	**126**	**2**	**—**	**42**	*****
Dam 4 (WV)	—	—	—	6,741	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Potomac Edison Co (The)											
Dam 5 (WV)	—	—	—	5,565	—	—	—	—	—	—	—
Luray (VA)	—	—	—	5,161	—	—	—	—	—	—	—
Millville (WV)	—	—	—	10,517	—	—	—	—	—	—	—
Newport (VA)	—	—	—	5,128	—	—	—	—	—	—	—
Shenandoah (VA)	—	—	—	2,575	—	—	—	—	—	—	—
Smith, R P (MD)	275,772	1,147	—	—	—	—	126	2	—	42	*
Warren (VA)	—	—	—	1,895	—	—	—	—	—	—	—
Potomac Electric Pwr Co	**17,681,376**	**2,252,274**	**493,782**	**—**	**—**	**—**	**6,538**	**4,412**	**5,776**	**538**	**957**
Benning (DC)	—	213,415	—	—	—	—	—	471	—	—	101
Buzzard Point (DC)	—	30,560	—	—	—	—	—	95	—	—	19
Chalk Point (MD)	4,024,827	1,893,282	396,211	—	—	—	1,524	3,588	4,649	134	532
Dickerson (MD)	3,710,663	16,421	97,571	—	—	—	1,357	33	1,127	71	151
Morgantown (MD)	7,772,360	81,028	—	—	—	—	2,723	187	—	224	152
Potomac River (VA)	2,173,526	17,568	—	—	—	—	934	38	—	108	1
Power Authy of St of N Y	**—**	**2,275,200**	**1,428,143**	**22,976,021**	**12,588,024**	**—**	**—**	**3,753**	**12,277**	**—**	**625**
Ashokan (NY)	—	—	—	24,024	—	—	—	—	—	—	—
Blenheim (NY)	—	—	—	–906,364	—	—	—	—	—	—	—
Crescent (NY)	—	—	—	54,653	—	—	—	—	—	—	—
Fitzpatrick (NY)	—	—	—	—	4,930,535	—	—	—	—	—	—
Flynn (NY)	—	27,370	1,037,763	—	—	—	—	38	8,213	—	73
Hinckley (NY)	—	—	—	26,848	—	—	—	—	—	—	—
Indian Point (NY)	—	—	—	—	7,657,489	—	—	—	—	—	—
Kensico (NY)	—	—	—	13,849	—	—	—	—	—	—	—
Lewiston (NY)	—	—	—	–251,317	—	—	—	—	—	—	—
Moses Niagara (NY)	—	—	—	16,766,241	—	—	—	—	—	—	—
Moses Power Dam (NY)	—	—	—	7,197,958	—	—	—	—	—	—	—
Poletti (NY)	—	2,247,830	390,380	—	—	—	—	3,715	4,063	—	552
Vischer Ferry (NY)	—	—	—	50,129	—	—	—	—	—	—	—
Pratt (City of)	**—**	**11,300**	**27,554**	**—**	**—**	**—**	**—**	**55**	**340**	**—**	**4**
Pratt (KS)	—	—	23,159	—	—	—	—	—	293	—	3
Pratt 2 (KS)	—	11,300	4,395	—	—	—	—	55	47	—	1
Preston (City of)	**—**	**75**	**216**	**—**	**—**	**—**	**—**	*****	**2**	**—**	*****
Preston (MN)	—	75	216	—	—	—	—	*	2	—	*
Preston (Town of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Preston (IA)	—	—	—	—	—	—	—	—	—	—	—
Primghar (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Primghar (IA)	—	—	—	—	—	—	—	—	—	—	—
Princeton (City of)	**—**	**380**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	**1**
Princeton (MN)	—	380	—	—	—	—	—	1	—	—	1
Princeton (City of)	**—**	**1,052**	**7,263**	**—**	**—**	**—**	**—**	**2**	**70**	**—**	**1**
Princeton (IL)	—	1,052	7,263	—	—	—	—	2	70	—	1
Providence (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Providence (RI)	—	—	—	—	—	—	—	—	—	—	—
Provo City Corporation	**—**	**140**	**1,403**	**—**	**—**	**—**	**—**	*****	**15**	**—**	**1**
Provo (UT)	—	140	1,403	—	—	—	—	*	15	—	1
Pub Serv Co of New Hamp	**3,513,065**	**1,352,598**	**9,837**	**358,181**	**—**	**—**	**1,465**	**2,372**	**149**	**278**	**415**
Amoskeag (NH)	—	—	—	92,872	—	—	—	—	—	—	—
Ayers Island (NH)	—	—	—	46,427	—	—	—	—	—	—	—
Canaan (VT)	—	—	—	7,366	—	—	—	—	—	—	—
Eastman Falls (NH)	—	—	—	27,864	—	—	—	—	—	—	—
Garvins Falls (NH)	—	—	—	45,809	—	—	—	—	—	—	—
Gorham (NH)	—	—	—	12,666	—	—	—	—	—	—	—
Hooksett (NH)	—	—	—	9,586	—	—	—	—	—	—	—
Jackman (NH)	—	—	—	9,263	—	—	—	—	—	—	—
Lost Nation (NH)	—	243	—	—	—	—	—	1	—	—	1

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Pub Serv Co of New Hamp											
Merrimack (NH)	2,834,229	851	—	—	—	—	1,116	2	—	256	2
Newington (NH)	—	1,341,229	—	—	—	—	—	2,346	—	—	407
Schiller (NH)	678,836	9,994	9,837	—	—	—	349	22	149	21	3
Smith (NH)	—	—	—	106,328	—	—	—	—	—	—	—
White Lake (NH)	—	281	—	—	—	—	—	1	—	—	1
Pub Serv Co of New Mexico	**11,645,433**	**22,783**	**95,421**	**—**	**—**	**—**	**6,783**	**44**	**1,229**	**659**	**34**
Las Vegas (NM)	—	–1	—	—	—	—	—	1	—	—	4
Reeves (NM)	—	—	95,421	—	—	—	—	—	1,229	—	—
San Juan (NM)	11,645,433	22,784	—	—	—	—	6,783	43	—	659	30
Public Serv Elec & Gas Co	**3,907,854**	**158,094**	**2,156,794**	**—**	**22,809,905**	**—**	**1,631**	**419**	**21,963**	**449**	**1,126**
Bayonne (NJ)	—	2,315	—	—	—	—	—	7	—	—	4
Bergen (NJ)	—	1,384	894,749	—	—	—	—	2	7,204	—	115
Burlington (NJ)	—	24,129	239,184	—	—	—	—	75	1,988	—	74
Edison (NJ)	—	665	81,353	—	—	—	—	2	1,153	—	102
Essex (NJ)	—	245	195,142	—	—	—	—	1	2,530	—	111
Hope Creek (NJ)	—	—	—	—	8,719,866	—	—	—	—	—	—
Hudson (NJ)	1,499,168	2,895	91,517	—	—	—	695	8	1,343	196	141
Kearny (NJ)	—	46,289	17,067	—	—	—	—	137	294	—	214
Linden (NJ)	—	51,228	177,851	—	—	—	—	118	2,050	—	214
Mercer (NJ)	2,408,686	2,892	205,867	—	—	—	937	7	2,057	254	—
National Park (NJ)	—	335	—	—	—	—	—	1	—	—	4
Salem (NJ)	—	2,422	—	—	14,090,039	—	—	7	—	—	13
Sewaren (NJ)	—	23,295	254,064	—	—	—	—	55	3,344	—	136
Public Service Co of Colo	**18,587,071**	**6,011**	**817,287**	**91,781**	**—**	**—**	**10,168**	**14**	**8,587**	**1,190**	**80**
Alamosa (CO)	—	1,219	2,948	—	—	—	—	6	64	—	4
Ames (CO)	—	—	—	17,682	—	—	—	—	—	—	—
Arapahoe (CO)	998,728	—	82,350	—	—	—	697	—	1,109	62	—
Boulder Hydro (CO)	—	—	—	19,328	—	—	—	—	—	—	—
Cabin Creek (CO)	—	—	—	–127,502	—	—	—	—	—	—	—
Cameo (CO)	517,354	—	1,067	—	—	—	298	—	14	2	*
Cherokee (CO)	4,927,145	—	40,406	—	—	—	2,201	—	424	207	—
Comanche (CO)	4,428,839	—	8,456	—	—	—	2,732	—	91	361	1
Fort Lupton (CO)	—	1,194	27,828	—	—	—	—	3	459	—	10
Fort St. Vrain (CO)	—	—	561,270	—	—	—	—	—	5,035	—	—
Fruita (CO)	—	1,716	2,581	—	—	—	—	2	52	—	1
Georgetown Hydro (CO)	—	—	—	5,553	—	—	—	—	—	—	—
Hayden (CO)	3,098,400	1,857	1,922	—	—	—	1,543	4	19	151	1
Palisade Hydro (CO)	—	—	—	18,511	—	—	—	—	—	—	—
Pawnee (CO)	3,328,157	—	13,424	—	—	—	2,104	—	138	343	8
Salida No. 1 Hydro (CO)	—	—	—	3,798	—	—	—	—	—	—	—
Salida No. 2 Hydro (CO)	—	—	—	3,117	—	—	—	—	—	—	—
Shoshone Hydro (CO)	—	—	—	124,873	—	—	—	—	—	—	—
Tacoma (CO)	—	—	—	26,421	—	—	—	—	—	—	—
Valmont (CO)	1,288,448	—	36,408	—	—	—	592	—	490	65	9
Zuni (CO)	—	25	38,627	—	—	—	—	*	692	—	45
Public Service Co of Okla	**6,850,009**	**819**	**7,590,635**	**—**	**—**	**—**	**4,022**	**2**	**76,241**	**522**	**103**
Comanche (OK)	—	139	1,555,819	—	—	—	—	*	13,226	—	*
Northeastern (OK)	6,850,009	68	1,731,281	—	—	—	4,022	*	17,938	522	*
Riverside (OK)	—	34	2,733,680	—	—	—	—	*	27,280	—	53
Southwestern (OK)	—	474	1,093,147	—	—	—	—	1	12,281	—	48
Tulsa (OK)	—	101	451,243	—	—	—	—	*	5,117	—	*
Weleetka (OK)	—	3	25,465	—	—	—	—	*	399	—	*
Puget Sound Pwr & Lgt Co	**—**	**34,289**	**840,495**	**1,190,543**	**—**	**—**	**—**	**76**	**9,948**	**—**	**69**
Crystal Mountain (WA)	—	153	—	—	—	—	—	*	—	—	1
Electron (WA)	—	—	—	67,205	—	—	—	—	—	—	—
Frederickson (WA)	—	7,594	178,399	—	—	—	—	15	2,319	—	12
Fredonia (WA)	—	10,613	401,544	—	—	—	—	21	4,537	—	26
Lower Baker (WA)	—	—	—	336,178	—	—	—	—	—	—	—
Nooksack (WA)	—	—	—	–17	—	—	—	—	—	—	—
Snoqualmie (WA)	—	—	—	232,386	—	—	—	—	—	—	—
South Whidbey (WA)	—	2	—	—	—	—	—	*	—	—	1

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Puget Sound Pwr & Lgt Co											
Upper Baker (WA)	—	—	—	319,975	—	—	—	—	—	—	—
White River (WA)	—	—	—	234,816	—	—	—	—	—	—	—
Whitehorn (WA)	—	15,927	260,552	—	—	—	—	39	3,092	—	30
PECO Energy Co	**3,060,093**	**1,635,232**	**151,002**	**1,293,019**	**33,199,545**	**—**	**1,374**	**3,201**	**1,737**	**185**	**426**
Chester (PA)	—	3,898	—	—	—	—	—	11	—	—	6
Conowingo (MD)	—	—	—	1,714,605	—	—	—	—	—	—	—
Cromby (PA)	764,241	359,663	23,828	—	—	—	328	632	266	38	35
Croydon (PA)	—	90,012	—	—	—	—	—	207	—	—	60
Delaware (PA)	—	128,881	—	—	—	—	—	277	—	—	66
Eddystone (PA)	2,295,852	920,868	127,174	—	—	—	1,045	1,777	1,471	147	205
Falls (PA)	—	5,727	—	—	—	—	—	14	—	—	8
Limerick (PA)	—	—	—	—	16,740,055	—	—	—	—	—	—
Moser (PA)	—	5,934	—	—	—	—	—	15	—	—	9
Muddy Run (PA)	—	—	—	−421,586	—	—	—	—	—	—	—
Oil Storage (PA)	—	—	—	—	—	—	—	—	—	—	—
Peach Bottom (PA)	—	—	—	—	16,459,490	—	—	—	—	—	—
Richmond (PA)	—	32,512	—	—	—	—	—	77	—	—	27
Schuylkill (PA)	—	81,649	—	—	—	—	—	176	—	—	5
Southwark (PA)	—	6,088	—	—	—	—	—	16	—	—	6
PSI Energy, Inc	**32,444,233**	**132,664**	**106,015**	**349,721**	**—**	**—**	**15,102**	**272**	**1,087**	**2,302**	**48**
Cayuga (IN)	5,600,860	6,313	67,048	—	—	—	2,668	11	676	170	12
Connersville (IN)	—	8,645	—	—	—	—	—	22	—	—	8
Edwardsport (IN)	353,196	9,343	—	—	—	—	226	22	—	56	3
Gallagher, R (IN)	2,871,664	24,994	—	—	—	—	1,177	46	—	91	2
Gibson (IN)	18,713,858	22,943	—	—	—	—	8,520	40	—	1,521	7
Markland (IN)	—	—	—	349,721	—	—	—	—	—	—	—
Miami Wabash (IN)	—	1,608	—	—	—	—	—	9	—	—	10
Noblesville (IN)	319,850	932	—	—	—	—	195	2	—	49	1
Wabash River (IN)	4,584,805	57,886	38,967	—	—	—	2,316	119	411	415	6
Radford (City of)	**—**	**—**	**—**	**5,279**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Radford (VA)	—	—	—	5,279	—	—	—	—	—	—	—
Rantoul (City of)	**—**	**166**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Rantoul (IL)	—	166	—	—	—	—	—	*	—	—	*
Raton Pub Serv Co (The)	**31,460**	**—**	**—**	**—**	**—**	**—**	**22**	**—**	**—**	**2**	**—**
Raton (NM)	31,460	—	—	—	—	—	22	—	—	2	—
Rayne (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Rayne (LA)	—	—	—	—	—	—	—	—	—	—	—
Red Bud (City of)	**—**	**170**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Red Bud (IL)	—	170	—	—	—	—	—	*	—	—	*
Red Cloud (City of)	**—**	**33**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	*****
Red Cloud (NE)	—	33	—	—	—	—	—	1	—	—	*
Redding (City of)	**—**	**—**	**32,952**	**21,087**	**—**	**—**	**—**	**—**	**496**	**—**	**—**
Redding Power (CA)	—	—	32,952	—	—	—	—	—	496	—	—
Whiskeytown (CA)	—	—	—	21,087	—	—	—	—	—	—	—
Redlands Water & Power Co	**—**	**—**	**—**	**11**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Redlands (CO)	—	—	—	11	—	—	—	—	—	—	—
Redwood Falls (City of)	**—**	**2,760**	**—**	**1,475**	**—**	**—**	**—**	**5**	**—**	**—**	**3**
Redwood Falls (MN)	—	2,760	—	1,475	—	—	—	5	—	—	3
Rensselaer (City of)	**—**	**1,351**	**182**	**—**	**—**	**—**	**—**	**2**	**6**	**—**	**1**
Rensselaer (IN)	—	1,351	182	—	—	—	—	2	6	—	1
Renwick (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Renwick (IA)	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Rich Hill (City of)	—	—	—	—	—	—	—	—	—	—	—
Rich Hill (MO)	—	—	—	—	—	—	—	—	—	—	—
Richmond (City of)	**593,265**	**511**	**—**	**—**	**—**	**—**	**299**	**1**	**—**	**27**	**1**
Whitewater Valley (IN)	593,265	511	—	—	—	—	299	1	—	27	1
River Falls (City of)	**—**	**300**	**4,314**	**2,535**	**—**	**—**	**—**	**1**	**44**	**—**	**1**
Junction (WI)	—	300	4,314	1,704	—	—	—	1	44	—	1
Powell Falls (WI)	—	—	—	831	—	—	—	—	—	—	—
Robstown (City of)	**—**	**2,712**	**28,854**	**—**	**—**	**—**	**—**	**5**	**352**	**—**	**1**
Robstown (TX)	—	2,712	28,854	—	—	—	—	5	352	—	1
Rochelle (City of)	**—**	**360**	**2,832**	**—**	**—**	**—**	**—**	**1**	**34**	**—**	**2**
Rochelle No. 1 (IL)	—	350	2,610	—	—	—	—	1	28	—	2
Rochelle No. 2 (IL)	—	10	222	—	—	—	—	*	6	—	*
Rochester (City of)	**212,303**	**1,278**	**9,603**	**14,205**	**—**	**—**	**112**	**5**	**120**	**37**	**2**
Cascade Creek (MN)	—	1,278	—	—	—	—	—	5	—	—	2
Rochester (MN)	—	—	—	14,205	—	—	—	—	—	—	—
Silver Lake (MN)	212,303	—	9,603	—	—	—	112	—	120	37	—
Rochester Gas & Elec Corp	**1,899,977**	**2,220**	**109**	**194,831**	**4,112,438**	**—**	**734**	**4**	**2**	**160**	**2**
Ginna (NY)	—	—	—	—	4,112,438	—	—	—	—	—	—
Station 160 (NY)	—	—	—	936	—	—	—	—	—	—	—
Station 170 (NY)	—	—	—	3,322	—	—	—	—	—	—	—
Station 172 (NY)	—	—	—	—	—	—	—	—	—	—	—
Station 2 (NY)	—	—	—	27,071	—	—	—	—	—	—	—
Station 26 (NY)	—	—	—	8,050	—	—	—	—	—	—	—
Station 3 (NY)	508,167	440	—	—	—	—	186	1	—	1	1
Station 5 (NY)	—	—	—	155,452	—	—	—	—	—	—	—
Station 7 (NY)	1,391,810	1,780	—	—	—	—	548	3	—	159	1
Station 9 (NY)	—	—	109	—	—	—	—	—	2	—	—
Rock Rapids (City of)	**—**	**22**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Rock Rapids (IA)	—	22	—	—	—	—	—	*	—	—	*
Rockford (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Rockford (IA)	—	—	—	—	—	—	—	—	—	—	—
Rockport (City of)	**—**	**47**	**485**	**—**	**—**	**—**	**—**	*****	**6**	**—**	*****
Rockport (MO)	—	47	485	—	—	—	—	*	6	—	*
Rockville Ctr(Village of)	**—**	**946**	**12,404**	**—**	**—**	**—**	**—**	**4**	**137**	**—**	**2**
Rockville (NY)	—	946	12,404	—	—	—	—	4	137	—	2
Roseau (City of)	**—**	**45**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Roseau (MN)	—	45	—	—	—	—	—	*	—	—	*
Russell (City of)	**—**	**1,095**	**7,184**	**—**	**—**	**—**	**—**	**7**	**375**	**—**	**1**
Russell (KS)	—	1,095	7,184	—	—	—	—	7	375	—	1
Ruston (City of)	**—**	**—**	**176,653**	**—**	**—**	**—**	**—**	**—**	**1,947**	**—**	**—**
Ruston (LA)	—	—	176,653	—	—	—	—	—	1,947	—	—
Sabetha (City of)	**—**	**204**	**297**	**—**	**—**	**—**	**—**	**1**	**5**	**—**	**1**
Sabetha (KS)	—	204	297	—	—	—	—	1	5	—	1
Sacramento Mun Util Dist	**—**	**2**	**2,034,367**	**2,863,511**	**—**	**—**	**—**	*****	**17,876**	**—**	**3**
Camino (CA)	—	—	—	606,609	—	—	—	—	—	—	—
Camp Far W (CA)	—	—	—	45,842	—	—	—	—	—	—	—
Campbell Soup (CA)	—	—	1,090,627	—	—	—	—	—	7,824	—	—
Carson (CA)	—	—	377,943	—	—	—	—	—	3,926	—	—
Coldwater Creek (CA)	—	—	—	—	—	—	—	—	—	—	—
Hedge PV (CA)	—	—	—	—	—	257	—	—	—	—	—
Jaybird (CA)	—	—	—	822,952	—	—	—	—	—	—	—
Jones Fork (CA)	—	—	—	34,811	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Sacramento Mun Util Dist											
Loon Lake (CA)	—	—	—	135,216	—	—	—	—	—	—	—
McClellan (CA)	—	2	8,423	—	—	—	—	*	128	—	3
Proc&Gamble (CA)	—	—	557,374	—	—	—	—	—	5,998	—	—
Robbs Peak (CA)	—	—	—	76,964	—	—	—	—	—	—	—
Slab Creek (CA)	—	—	—	—	—	—	—	—	—	—	—
Smudgeo (CA)	—	—	—	—	—	177,140	—	—	—	—	—
Solano (CA)	—	—	—	—	—	2,556	—	—	—	—	—
Solar (CA)	—	—	—	—	—	1,285	—	—	—	—	—
Union Valley (CA)	—	—	—	195,704	—	—	—	—	—	—	—
White Rock (CA)	—	—	—	945,413	—	—	—	—	—	—	—
Safe Harbor Water Power Corp	**—**	**—**	**—**	**1,147,290**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Safe Harbor (PA)	—	—	—	1,147,290	—	—	—	—	—	—	—
Saint Marys (City of)	**49,915**	**57**	**—**	**—**	**—**	**—**	**28**	*****	**—**	**1**	*****
Saint Marys (OH)	49,915	57	—	—	—	—	28	*	—	1	*
Salt River Project	**21,244,033**	**38,578**	**1,398,482**	**408,922**	**—**	**—**	**10,083**	**68**	**14,589**	**853**	**250**
Agua Fria (AZ)	—	3	758,435	—	—	—	—	*	8,303	—	57
Coronado (AZ)	4,781,150	16,460	—	—	—	—	2,523	29	—	227	13
Crosscut (AZ)	—	—	—	9,390	—	—	—	—	—	—	—
Horse Mesa (AZ)	—	—	—	198,607	—	—	—	—	—	—	—
Kyrene (AZ)	—	19	68,384	—	—	—	—	*	939	—	51
Mormon Flat (AZ)	—	—	—	104,920	—	—	—	—	—	—	—
Navajo (AZ)	16,462,883	21,925	—	—	—	—	7,559	38	—	626	35
Roosevelt (AZ)	—	—	—	60,680	—	—	—	—	—	—	—
San Tan (AZ)	—	171	571,663	—	—	—	—	*	5,347	—	93
South Con (AZ)	—	—	—	3,835	—	—	—	—	—	—	—
Stewart Mtn (AZ)	—	—	—	31,490	—	—	—	—	—	—	—
Tnk Frm Stg (AZ)	—	—	—	—	—	—	—	—	—	—	—
San Antonio Pub Serv Brd	**9,386,164**	**6,712**	**5,248,183**	**—**	**—**	**—**	**5,513**	**12**	**54,258**	**662**	**321**
Braunig, V H (TX)	—	18	2,046,361	—	—	—	—	*	21,042	—	177
Deely, J T (TX)	5,199,561	6,248	—	—	—	—	3,207	11	—	662	144
J K Spruce (TX)	4,186,603	—	2,663	—	—	—	2,306	—	30	—	—
Leon Creek (TX)	—	—	73,241	—	—	—	—	—	878	—	—
Mission Road (TX)	—	—	39,034	—	—	—	—	—	486	—	—
Sommers, O W (TX)	—	446	2,809,513	—	—	—	—	1	28,610	—	—
Tuttle, W B (TX)	—	—	277,371	—	—	—	—	—	3,212	—	—
San Diego Gas & Elec Co	**—**	**10,550**	**5,270,924**	**—**	**—**	**—**	**—**	**23**	**57,193**	**—**	**553**
Division (CA)	—	1,287	—	—	—	—	—	4	—	—	—
El Cajon (CA)	—	32	3,073	—	—	—	—	*	53	—	1
Encina (CA)	—	5,351	2,892,618	—	—	—	—	9	31,257	—	280
Kearny (CA)	—	141	31,314	—	—	—	—	*	535	—	36
Leased Strg (CA)	—	—	—	—	—	—	—	—	—	—	*
Miramar (CA)	—	66	15,462	—	—	—	—	*	251	—	4
Naval Station (CA)	—	19	7,657	—	—	—	—	*	105	—	1
Naval Training Cnter (CA)	—	23	3,792	—	—	—	—	*	64	—	1
North Island (CA)	—	1,815	2,405	—	—	—	—	5	39	—	5
Silver Gate (CA)	—	—	—	—	—	—	—	—	—	—	—
South Bay (CA)	—	1,816	2,314,603	—	—	—	—	5	24,889	—	225
San Miguel Elec Coop Inc	**3,048,158**	**3,570**	**—**	**—**	**—**	**—**	**3,544**	**7**	**—**	**149**	**20**
San Miguel (TX)	3,048,158	3,570	—	—	—	—	3,544	7	—	149	20
Sanborn (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Sanborn (IA)	—	—	—	—	—	—	—	—	—	—	—
Santa Clara (City of)	**—**	**—**	**64,826**	**94,559**	**—**	**—**	**—**	**—**	**968**	**—**	**—**
Black Butte (CA)	—	—	—	—	—	—	—	—	—	—	—
Cogen Plant (CA)	—	—	56,642	—	—	—	—	—	856	—	—
Gianera (CA)	—	—	8,184	—	—	—	—	—	112	—	—
Grizzly (CA)	—	—	—	73,409	—	—	—	—	—	—	—
Highline (CA)	—	—	—	566	—	—	—	—	—	—	—
Stony Gorge (CA)	—	—	—	20,584	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Sargent (City of)	**—**	**12**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Sargent (NE)	—	12	—	—	—	—	—	*	—	—	*
Savannah Elec & Pwr Co	**1,749,390**	**42,512**	**1,049,611**	**—**	**—**	**—**	**839**	**83**	**13,664**	**103**	**127**
Boulevard (GA)	—	1,714	8,738	—	—	—	—	4	89	—	6
Kraft (GA)	916,450	27,230	205,015	—	—	—	412	48	2,384	40	24
McIntosh (GA)	832,940	13,568	734,293	—	—	—	427	31	9,531	63	97
Riverside (GA)	—	—	101,565	—	—	—	—	—	1,659	—	—
Seaford (City of)	**—**	**2,948**	**—**	**—**	**—**	**—**	**—**	**5**	**—**	**—**	**1**
Seaford (DE)	—	2,948	—	—	—	—	—	5	—	—	1
Seattle (City of)	**—**	**—**	**—**	**6,089,014**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Boundary (WA)	—	—	—	3,807,305	—	—	—	—	—	—	—
Cedar Falls (WA)	—	—	—	78,541	—	—	—	—	—	—	—
Diablo (WA)	—	—	—	716,195	—	—	—	—	—	—	—
Gorge (WA)	—	—	—	859,205	—	—	—	—	—	—	—
New Halem (WA)	—	—	—	–208	—	—	—	—	—	—	—
Ross Dam (WA)	—	—	—	568,795	—	—	—	—	—	—	—
South Fork Tolt (WA)	—	—	—	59,181	—	—	—	—	—	—	—
Sebewaing (City of)	**—**	**43**	**112**	**—**	**—**	**—**	**—**	*****	**1**	**—**	*****
Main Street (MI)	—	28	32	—	—	—	—	*	*	—	*
Pine Street (MI)	—	15	80	—	—	—	—	*	1	—	*
Seguin (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	*****
Sequin (TX)	—	—	—	—	—	—	—	—	—	—	*
Seminole Electric Coop	**8,691,916**	**461,114**	**—**	**—**	**—**	**—**	**3,572**	**42**	**—**	**603**	**10**
Seminole (FL)	8,691,916	461,114	—	—	—	—	3,572	42	—	603	10
Seward Electric System	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Schoonmaker (AK)	—	—	—	—	—	—	—	—	—	—	—
Sharon Springs (City of)	**—**	**18**	**20**	**—**	**—**	**—**	**—**	*****	**4**	**—**	*****
Sharon Spring (KS)	—	18	20	—	—	—	—	*	4	—	*
Shelby (City of)	**63,256**	**45**	**57**	**—**	**—**	**—**	**44**	*****	**1**	*****	*****
Shelby (OH)	63,256	45	57	—	—	—	44	*	1	*	*
Sho Me Power Corp	**—**	**—**	**—**	**9,477**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Niangua (MO)	—	—	—	9,477	—	—	—	—	—	—	—
Shrewsbury (City of)	**—**	**401**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	**2**
Shrewsbury (MA)	—	401	—	—	—	—	—	1	—	—	2
Sibley (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Sibley (IA)	—	—	—	—	—	—	—	—	—	—	—
Sibley (IA)	—	—	—	—	—	—	—	—	—	—	—
Sidney (City of)	**—**	**25**	**352**	**—**	**—**	**—**	**—**	*****	**4**	**—**	*****
Sidney (NE)	—	25	352	—	—	—	—	*	4	—	*
Sierra Pacific Power Co	**3,547,092**	**39,167**	**3,312,509**	**58,684**	**—**	**—**	**1,630**	**81**	**34,199**	**272**	**132**
Battle Mt (NV)	—	–198	—	—	—	—	—	*	—	—	*
Brunswick (NV)	—	–150	—	—	—	—	—	*	—	—	*
Elko (NV)	—	—	—	—	—	—	—	—	—	—	—
Fallon (NV)	—	–12	–5	—	—	—	—	—	—	—	—
Farad (CA)	—	—	—	–42	—	—	—	—	—	—	—
Fleish (NV)	—	—	—	17,564	—	—	—	—	—	—	—
Fort Churchill (NV)	—	18,887	1,108,277	—	—	—	—	37	11,147	—	47
Gabbs (NV)	—	–68	—	—	—	—	—	*	—	—	1
Kings Beach (CA)	—	–194	—	—	—	—	—	1	—	—	1
Lahontan (NV)	—	—	—	8,673	—	—	—	—	—	—	—
North Valmy (NV)	3,547,092	6,753	—	—	—	—	1,630	12	—	272	4
Pinon Pine (NV)	—	—	643,217	—	—	—	—	—	5,010	—	—
Portola (CA)	—	–79	—	—	—	—	—	*	—	—	*

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Sierra Pacific Power Co											
Tracy (NV)	—	14,475	1,560,325	—	—	—	—	28	18,024	—	79
Valley Road (NV)	—	–218	—	—	—	—	—	1	—	—	*
Verdi (NV)	—	—	—	14,963	—	—	—	—	—	—	—
Washoe (NV)	—	—	—	14,540	—	—	—	—	—	—	—
Winnemucca (NV)	—	–29	695	—	—	—	—	—	19	—	—
26 Foot Drop (NV)	—	—	—	2,986	—	—	—	—	—	—	—
Sikeston (City of)	**1,432,948**	**4,049**	**—**	**—**	**—**	**—**	**904**	**8**	**—**	**212**	**1**
Coleman, E. P. (MO)	—	88	—	—	—	—	—	*	—	—	*
Sikeston (MO)	1,432,948	3,961	—	—	—	—	904	8	—	212	1
Sitka Municipal Utilities	**—**	**658**	**—**	**93,875**	**—**	**—**	**—**	**1**	**—**	**—**	**4**
Blue Lake (AK)	—	—	—	32,581	—	—	—	—	—	—	—
Blue Lake Fish (AK)	—	—	—	6,885	—	—	—	—	—	—	—
Blue Lake Pulp (AK)	—	—	—	1,486	—	—	—	—	—	—	—
Green Lake (AK)	—	—	—	52,923	—	—	—	—	—	—	—
Indian River (AK)	—	658	—	—	—	—	—	1	—	—	4
Sleepy Eye (City of)	**—**	**465**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	*****	*****
Sleepy Eye (MN)	—	465	—	—	—	—	—	1	—	*	*
So Carolina Elec & Gas Co	**14,727,960**	**48,850**	**175,369**	**308,103**	**8,172,571**	**—**	**5,795**	**90**	**2,188**	**1,051**	**62**
Burton (SC)	—	190	5,403	—	—	—	—	1	108	—	1
Canadys (SC)	1,692,033	8,255	21,708	—	—	—	709	16	223	119	4
Coit (SC)	—	426	7,935	—	—	—	—	1	135	—	4
Columbia Hydro (SC)	—	—	—	37,826	—	—	—	—	—	—	—
Cope (SC)	2,865,744	1,930	—	—	—	—	1,060	3	*	143	4
Faber Place (SC)	—	—	938	—	—	—	—	—	19	—	—
Fairfield County (SC)	—	—	—	–257,490	—	—	—	—	—	—	—
Hagood (SC)	—	1,871	58,549	—	—	—	—	4	732	—	13
Hardeeville (SC)	—	1,544	—	—	—	—	—	5	—	—	*
Mcmeekin (SC)	1,709,499	1,056	—	—	—	—	611	2	—	67	3
Neal Shoals (SC)	—	—	—	27,358	—	—	—	—	—	—	—
Parr (SC)	—	1,314	21,538	—	—	—	—	3	364	—	8
Parr Hydro (SC)	—	—	—	70,295	—	—	—	—	—	—	—
Saluda Hydro (SC)	—	—	—	332,152	—	—	—	—	—	—	—
Stevens Creek Hydro (GA)	—	—	—	97,962	—	—	—	—	—	—	—
SRS (SC)	144,406	1,233	—	—	—	—	193	3	—	71	*
Urquhart (SC)	1,108,280	1,290	35,137	—	—	—	457	3	372	20	4
V. C. Summer (SC)	—	—	—	—	8,172,571	—	—	—	—	—	—
Wateree (SC)	4,133,436	20,541	—	—	—	—	1,566	33	—	345	10
Williams (SC)	3,074,562	9,200	24,161	—	—	—	1,199	16	235	286	11
So Carolina Pub Serv Auth	**15,798,296**	**174,640**	**2,236**	**570,803**	**—**	**—**	**6,105**	**349**	**37**	**1,261**	**151**
Cross (SC)	7,304,261	6,811	—	—	—	—	2,743	11	—	420	6
Grainger, Dolphus M (SC)	592,931	638	—	—	—	—	240	1	—	51	*
Hilton Head (SC)	—	25,257	—	—	—	—	—	70	—	—	39
Jefferies (SC)	1,626,903	119,400	—	205,495	—	—	665	203	—	101	55
Myrtle Beach (SC)	—	13,982	2,236	—	—	—	—	49	37	—	42
Spillway (SC)	—	—	—	14,406	—	—	—	—	—	—	—
St Stephens (SC)	—	—	—	350,902	—	—	—	—	—	—	—
Winyah (SC)	6,274,201	8,552	—	—	—	—	2,456	15	—	690	9
Soda springs (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Soda Springs 1 (ID)	—	—	—	—	—	—	—	—	—	—	—
Soda Springs 2 (ID)	—	—	—	—	—	—	—	—	—	—	—
South Miss Elec Pwr Assoc	**2,341,095**	**3,938**	**735,761**	**—**	**—**	**—**	**1,011**	**8**	**8,462**	**228**	**12**
Benndale (MS)	—	—	4,191	—	—	—	—	—	63	—	—
Morrow (MS)	2,341,095	3,430	—	—	—	—	1,011	6	—	228	7
Moselle (MS)	—	12	731,570	—	—	—	—	*	8,399	—	3
Paulding (MS)	—	496	—	—	—	—	—	1	—	—	2
South Norwalk (City of)	**—**	**2,546**	**—**	**—**	**—**	**—**	**—**	**5**	**—**	**—**	**1**
South Norwalk (CT)	—	2,546	—	—	—	—	—	5	—	—	1

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
South Texas Elec Coop Inc	**—**	**202**	**20,569**	**—**	**—**	**—**	**—**	*****	**300**	**—**	**18**
Sam Rayburn (TX)	—	202	20,569	—	—	—	—	*	300	—	18
Southern Calif Edison Co	**9,596,626**	**28,047**	**2,931,563**	**5,918,531**	**17,488,808**	**—**	**4,459**	**55**	**29,788**	**426**	**1,828**
Alamitos (CA)	—	—	984,444	—	—	—	—	—	10,054	—	—
Baker Dam (CA)	—	—	—	—	—	—	—	—	—	—	—
Big Creek 1 (CA)	—	—	—	571,390	—	—	—	—	—	—	—
Big Creek 2 (CA)	—	—	—	445,198	—	—	—	—	—	—	—
Big Creek 2a (CA)	—	—	—	657,541	—	—	—	—	—	—	—
Big Creek 3 (CA)	—	—	—	1,094,867	—	—	—	—	—	—	—
Big Creek 4 (CA)	—	—	—	613,169	—	—	—	—	—	—	—
Big Creek 8 (CA)	—	—	—	407,610	—	—	—	—	—	—	—
Bishop Creek 2 (CA)	—	—	—	44,205	—	—	—	—	—	—	—
Bishop Creek 3 (CA)	—	—	—	42,057	—	—	—	—	—	—	—
Bishop Creek 4 (CA)	—	—	—	55,274	—	—	—	—	—	—	—
Bishop Creek 5 (CA)	—	—	—	19,926	—	—	—	—	—	—	—
Bishop Creek 6 (CA)	—	—	—	14,072	—	—	—	—	—	—	—
Borel (CA)	—	—	—	70,992	—	—	—	—	—	—	—
Cool Water (CA)	—	—	226,961	—	—	—	—	—	2,352	—	—
Dominguez Hills (CA)	—	—	—	—	—	—	—	—	—	—	1,825
Eastwood (CA)	—	—	—	374,988	—	—	—	—	—	—	—
El Segundo (CA)	—	—	240,999	—	—	—	—	—	2,623	—	—
Ellwood (CA)	—	—	–5	—	—	—	—	—	1	—	—
Etiwanda (CA)	—	—	131,461	—	—	—	—	—	1,527	—	—
Fontana (CA)	—	—	—	8,752	—	—	—	—	—	—	—
Highgrove (CA)	—	—	–277	—	—	—	—	—	—	—	—
Huntington Beach (CA)	—	—	277,265	—	—	—	—	—	2,580	—	—
Kaweah 1 (CA)	—	—	—	14,694	—	—	—	—	—	—	—
Kaweah 2 (CA)	—	—	—	12,518	—	—	—	—	—	—	—
Kaweah 3 (CA)	—	—	—	33,511	—	—	—	—	—	—	—
Kern River 1 (CA)	—	—	—	209,550	—	—	—	—	—	—	—
Kern River 3 (CA)	—	—	—	225,378	—	—	—	—	—	—	—
Long Beach (CA)	—	—	19,095	—	—	—	—	—	239	—	—
Lundy (CA)	—	—	—	12,660	—	—	—	—	—	—	—
Lytle Creek (CA)	—	—	—	3,209	—	—	—	—	—	—	—
Mammoth Pool (CA)	—	—	—	760,691	—	—	—	—	—	—	—
Mandalay (CA)	—	2	161,179	—	—	—	—	*	1,591	—	—
Mill Creek 1 (CA)	—	—	—	6,089	—	—	—	—	—	—	—
Mill Creek 2&3 (CA)	—	—	—	—	—	—	—	—	—	—	—
Mill Creek 3 (CA)	—	—	—	13,528	—	—	—	—	—	—	—
Mohave (NV)	9,596,626	—	45,994	—	—	—	4,459	—	463	426	—
Ontario 1 (CA)	—	—	—	4,649	—	—	—	—	—	—	—
Ontario 2 (CA)	—	—	—	2,144	—	—	—	—	—	—	—
Ormond Beach (CA)	—	—	89,358	—	—	—	—	—	1,012	—	—
Pebbly Beach (CA)	—	28,045	—	—	—	—	—	55	—	—	3
Poole (CA)	—	—	—	40,650	—	—	—	—	—	—	—
Portal (CA)	—	—	—	48,632	—	—	—	—	—	—	—
Redondo Beach (CA)	—	—	755,426	—	—	—	—	—	7,346	—	—
Rush Creek (CA)	—	—	—	63,654	—	—	—	—	—	—	—
San Bernardino (CA)	—	—	–337	—	—	—	—	—	—	—	—
San Gorgonio (CA)	—	—	—	1,851	—	—	—	—	—	—	—
San Gorgonio (CA)	—	—	—	—	—	—	—	—	—	—	—
San Onofre (CA)	—	—	—	—	17,488,808	—	—	—	—	—	—
Santa Ana 1 (CA)	—	—	—	12,626	—	—	—	—	—	—	—
Santa Ana 2 (CA)	—	—	—	5,806	—	—	—	—	—	—	—
Santa Ana 3 (CA)	—	—	—	2,249	—	—	—	—	—	—	—
Sierra (CA)	—	—	—	3,959	—	—	—	—	—	—	—
Tule River (CA)	—	—	—	20,442	—	—	—	—	—	—	—
Southern Ill Pwr Coop	**1,575,887**	**4,546**	**—**	**—**	**—**	**—**	**848**	**9**	**—**	**430**	**2**
Marion (IL)	1,575,887	4,546	—	—	—	—	848	9	—	430	2
Southern Indiana G & E Co	**6,380,868**	**1,615**	**131,089**	**—**	**—**	**—**	**2,950**	**3**	**1,651**	**726**	**9**
A. B. Brown (IN)	2,818,400	1,579	60,546	—	—	—	1,312	3	633	278	2
Broadway (IN)	—	36	62,775	—	—	—	—	*	920	—	7
Culley (IN)	2,808,728	—	3,520	—	—	—	1,283	—	36	258	—
Northeast (IN)	—	—	2,273	—	—	—	—	—	44	—	—
Warrick (IN)	753,740	—	1,975	—	—	—	355	—	19	190	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Southwest Pub Pwr Dist	—	—	—	—	—	—	—	—	—	—	—
Palisade (NE)	—	—	—	—	—	—	—	—	—	—	—
Southwestern Elec Pwr Co	**17,897,835**	**18,736**	**3,666,138**	**—**	**—**	**—**	**12,059**	**35**	**38,928**	**1,655**	**121**
Arsenal Hill (LA)	—	—	205,158	—	—	—	—	—	2,250	—	—
Flint Creek (AR)	3,685,828	4,879	—	—	—	—	2,308	10	—	439	6
Knox Lee (TX)	—	—	1,060,764	—	—	—	—	—	11,095	—	61
Lieberman (LA)	—	—	354,556	—	—	—	—	—	3,942	—	20
Lone Star (TX)	—	—	51,100	—	—	—	—	—	787	—	3
Pirkey (TX)	4,199,209	—	8,613	—	—	—	3,536	—	89	341	—
Welsh (TX)	10,012,798	12,731	—	—	—	—	6,215	24	—	876	14
Wilkes (TX)	—	1,126	1,985,947	—	—	—	—	2	20,764	—	17
Southwestern Pub Serv Co	**15,985,464**	**492**	**7,285,491**	**—**	**—**	**—**	**9,083**	**2**	**78,366**	**860**	**87**
Carlsbad (NM)	—	—	6,647	—	—	—	—	—	111	—	—
Cunningham (NM)	—	—	1,614,260	—	—	—	—	—	16,768	—	—
Harrington (TX)	8,246,621	—	14,928	—	—	—	4,587	—	154	438	—
Jones (TX)	—	170	2,235,140	—	—	—	—	*	22,820	—	56
Maddox (NM)	—	—	687,835	—	—	—	—	—	7,325	—	—
Moore County (TX)	—	—	70,961	—	—	—	—	—	1,014	—	—
Nichols (TX)	—	85	1,526,200	—	—	—	—	*	16,826	—	—
Plant X (TX)	—	—	1,089,445	—	—	—	—	—	12,849	—	31
Riverview (TX)	—	—	19,047	—	—	—	—	—	300	—	—
Tolk Station (TX)	7,738,843	—	21,028	—	—	—	4,496	—	199	422	—
Tucumcari (NM)	—	237	—	—	—	—	—	1	—	—	1
Soyland Power Coop Inc	**112,356**	**4,313**	**—**	**—**	**—**	**—**	**69**	**11**	**—**	**6**	**4**
Pearl Station (IL)	112,356	4,381	—	—	—	—	69	10	—	6	3
Pittsfield (IL)	—	–68	—	—	—	—	—	1	—	—	1
Spalding (City of)	**—**	**12**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Spalding (NE)	—	12	—	—	—	—	—	*	—	—	*
Spencer (City of)	**—**	**285**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	**10**
Spencer (IA)	—	285	—	—	—	—	—	1	—	—	10
Spring Valley (City of)	**—**	**82**	**18**	**—**	**—**	**—**	**—**	*****	*****	**—**	*****
Spring Valley (MN)	—	82	18	—	—	—	—	*	*	—	*
Springfield (City of)	**1,919,248**	**10,840**	**47,200**	**—**	**—**	**—**	**1,062**	**23**	**602**	**84**	**15**
Dallman (IL)	1,723,515	4,171	—	—	—	—	938	8	—	78	1
Factory (IL)	—	4,157	—	—	—	—	—	8	—	—	4
Interstate (IL)	—	672	47,200	—	—	—	—	2	602	—	8
Lakeside (IL)	195,733	365	—	—	—	—	124	1	—	6	*
Reynolds (IL)	—	1,475	—	—	—	—	—	4	—	—	1
Springfield (City of)	**2,580,778**	**223**	**271,813**	**—**	**—**	**—**	**1,597**	**1**	**3,406**	**225**	**19**
James River (MO)	1,276,429	109	190,865	—	—	—	795	*	2,393	118	9
Main Street (MO)	—	18	—	—	—	—	—	*	—	—	1
Southwest (MO)	1,304,349	96	80,948	—	—	—	802	*	1,012	107	8
Springfield (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Springfield (CO)	—	—	—	—	—	—	—	—	—	—	—
Springfield (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Springfield (MN)	—	—	—	—	—	—	—	—	—	—	—
Springville (City of)	**—**	**820**	**49,306**	**6,483**	**—**	**—**	**—**	**2**	**470**	**—**	**1**
Bartholomew (UT)	—	—	—	4,153	—	—	—	—	—	—	—
Hobble Creek (UT)	—	—	—	1,111	—	—	—	—	—	—	—
Spring Creek (UT)	—	—	—	730	—	—	—	—	—	—	—
Upper Barth (UT)	—	—	—	489	—	—	—	—	—	—	—
Whitehead (UT)	—	820	49,306	—	—	—	—	2	470	—	1
Springville (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Springville (NY)	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
St Francis (City of)	—	**2**	—	—	—	—	—	*	—	—	—
St Francis (KS)	—	2	—	—	—	—	—	*	—	—	—
St George City Corp	—	**1,654**	—	**4,389**	—	—	—	**3**	—	—	**2**
Gunlock Hydro (UT)	—	—	—	2,292	—	—	—	—	—	—	—
No 2 Diesel (ID)	—	1,654	—	—	—	—	—	3	—	—	2
Pine Valley (UT)	—	—	—	2,097	—	—	—	—	—	—	—
St John (City of)	—	**66**	—	—	—	—	—	*	—	—	*
St John (KS)	—	66	—	—	—	—	—	*	—	—	*
St Joseph Lgt & Pwr Co	**537,901**	**4,922**	**29,740**	—	—	—	**322**	**16**	**645**	**96**	**54**
Lake Road (MO)	537,901	4,922	29,740	—	—	—	322	16	645	96	54
St Louis (City of)	—	—	—	—	—	—	—	—	—	—	—
Saint Louis (MI)	—	—	—	—	—	—	—	—	—	—	—
Stafford (City of)	—	**20**	**155**	—	—	—	—	*	**2**	—	*
Stafford (KS)	—	20	155	—	—	—	—	*	2	—	*
Stanberry (City of)	—	—	—	—	—	—	—	—	—	—	—
Stanberry (MO)	—	—	—	—	—	—	—	—	—	—	—
State Center (City of)	—	—	—	—	—	—	—	—	—	—	—
State Center (IA)	—	—	—	—	—	—	—	—	—	—	—
Sterling (City of)	—	**120**	**905**	—	—	—	—	*	**9**	—	**2**
Sterling (KS)	—	120	905	—	—	—	—	*	9	—	2
Stillwater (City of)	—	**157**	**12,571**	—	—	—	—	*	**202**	—	**1**
Boomer Lake (OK)	—	157	12,571	—	—	—	—	*	202	—	1
Stockton (City of)	—	**–59**	—	—	—	—	—	*	**3**	—	*
Stockton (KS)	—	–59	—	—	—	—	—	*	3	—	*
Story City (City of)	—	—	—	—	—	—	—	—	—	—	—
Story City (IA)	—	—	—	—	—	—	—	—	—	—	—
Strawberry Pt (City of)	—	**75**	**44**	—	—	—	—	*	**1**	—	*
Strawberry Point (IA)	—	75	44	—	—	—	—	*	1	—	*
Strawberry Wtr Users Assn	—	—	—	**18,335**	—	—	—	—	—	—	—
Payson (UT)	—	—	—	2,500	—	—	—	—	—	—	—
Spanish Fork (UT)	—	—	—	15,835	—	—	—	—	—	—	—
Stuart (City of)	—	—	—	—	—	—	—	—	—	—	—
Stuart (NE)	—	—	—	—	—	—	—	—	—	—	—
Stuart (City of)	—	—	—	—	—	—	—	—	—	—	*
Stuart (IA)	—	—	—	—	—	—	—	—	—	—	*
Sturgis (City of)	—	**1,000**	**5,002**	**7,330**	—	—	—	**3**	**52**	—	**1**
Centerville (MI)	—	—	—	7,330	—	—	—	—	—	—	—
Sturgis (MI)	—	1,000	5,002	—	—	—	—	3	52	—	1
Sullivan (City of)	—	**1,371**	**5,485**	—	—	—	—	**2**	**61**	—	**1**
Sullivan (IL)	—	1,371	5,485	—	—	—	—	2	61	—	1
Sumner (City of)	—	**60**	**138**	—	—	—	—	*	**1**	—	**1**
Summer (IA)	—	60	138	—	—	—	—	*	1	—	1
Sunflower Elec Coop	**2,585,756**	—	**61,322**	—	—	—	**1,537**	—	**786**	**176**	—
Garden City (KS)	—	—	52,280	—	—	—	—	—	692	—	—
Holcomb (KS)	2,585,756	—	9,042	—	—	—	1,537	—	94	176	—
Superior Wtr Lt Pwr Co	—	—	—	—	—	—	—	—	—	—	—
Winslow (WI)	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Swans Island Elec Coop	—	—	—	—	—	—	—	—	—	—	—
Minturn (ME)	—	—	—	—	—	—	—	—	—	—	—
Swanton (Village of)	—	—	—	**9,570**	—	—	—	—	—	—	—
Higate Falls (VT)	—	—	—	9,570	—	—	—	—	—	—	—
Systems Energy Resources Inc	—	—	—	—	**9,190,528**	—	—	—	—	—	—
Grand Gulf (MS)	—	—	—	—	9,190,528	—	—	—	—	—	—
SO Beloit Wtr Gas & Elec	—	—	—	**1,760**	—	—	—	—	—	—	—
Rockton (IL)	—	—	—	1,760	—	—	—	—	—	—	—
Tacoma (City of)	**2,368**	—	**16**	**2,569,769**	—	—	**5**	—	**1**	—	—
Alder (WA)	—	—	—	225,694	—	—	—	—	—	—	—
Cushman 1 (WA)	—	—	—	145,745	—	—	—	—	—	—	—
Cushman 2 (WA)	—	—	—	271,882	—	—	—	—	—	—	—
La Grande (WA)	—	—	—	340,701	—	—	—	—	—	—	—
Mayfield (WA)	—	—	—	650,796	—	—	—	—	—	—	—
Mossyrock (WA)	—	—	—	903,639	—	—	—	—	—	—	—
Steam Plant 2 (WA)	2,368	—	16	—	—	15,269	5	—	1	—	—
Wynoochee (WA)	—	—	—	31,312	—	—	—	—	—	—	—
Tallahassee (City of)	—	**6,136**	**1,559,448**	**16,580**	—	—	—	**11**	**17,146**	—	**289**
Hopkins, Arvah B (FL)	—	3,379	1,308,019	—	—	—	—	6	13,900	—	222
Jackson Bluff (FL)	—	—	—	16,580	—	—	—	—	—	—	—
Purdom, S O (FL)	—	2,757	251,429	—	—	—	—	6	3,246	—	67
Tampa Electric Co	**16,595,833**	**541,303**	—	—	—	—	**7,894**	**1,014**	—	**2,234**	**230**
Big Bend (FL)	9,834,346	131,740	—	—	—	—	4,506	221	—	920	4
Coal Storage (FL)	—	—	—	—	—	—	—	—	—	1,119	—
Gannon, F J (FL)	5,560,852	40,698	—	—	—	—	2,848	91	—	151	5
Hookers Point (FL)	—	142,428	—	—	—	—	—	368	—	—	169
Polk (FL)	1,200,635	158,110	—	—	—	—	540	229	—	44	41
S Dinner Lk (FL)	—	—	—	—	—	—	—	—	—	—	—
S Phillips (FL)	—	68,327	—	—	—	—	—	104	—	—	12
Taunton (City of)	—	**61,656**	**56,059**	—	—	—	—	**108**	**693**	—	**15**
Cleary, B F (MA)	—	61,656	56,059	—	—	—	—	108	693	—	15
Tecumseh (City of)	—	**80**	**204**	—	—	—	—	*	**3**	—	*
Tecumseh (NE)	—	80	204	—	—	—	—	*	3	—	*
Tennessee Valley Auth	**89,701,075**	**863,335**	**1,091,338**	**15,090,040**	**45,547,485**	—	**38,827**	**1,740**	**11,800**	**4,603**	**878**
Allen (TN)	4,277,805	58,326	550,543	—	—	—	2,232	114	6,213	105	162
Apalachia (TN)	—	—	—	529,254	—	—	—	—	—	—	—
Blue Ridge (GA)	—	—	—	47,929	—	—	—	—	—	—	—
Boone (TN)	—	—	—	208,103	—	—	—	—	—	—	—
Browns Ferry (AL)	—	—	—	—	17,159,942	—	—	—	—	—	—
Bull Run (TN)	5,710,850	30,312	—	—	—	—	2,066	48	—	146	5
Chatuge (NC)	—	—	—	35,852	—	—	—	—	—	—	—
Cherokee (TN)	—	—	—	422,599	—	—	—	—	—	—	—
Chickamauga (TN)	—	—	—	828,070	—	—	—	—	—	—	—
Colbert (AL)	6,658,289	123,809	540,795	—	—	—	2,858	218	5,587	291	168
Cumberland (TN)	16,511,201	24,852	—	—	—	—	6,922	42	—	849	30
Douglas (TN)	—	—	—	533,417	—	—	—	—	—	—	—
Fontana (NC)	—	—	—	1,003,791	—	—	—	—	—	—	—
Fort Loudoun (TN)	—	—	—	897,940	—	—	—	—	—	—	—
Fort Patrick Henry (TN)	—	—	—	136,772	—	—	—	—	—	—	—
Gallatin (TN)	6,345,235	77,846	—	—	—	—	2,932	147	—	374	88
Great Falls (TN)	—	—	—	169,201	—	—	—	—	—	—	—
Guntersville (AL)	—	—	—	737,531	—	—	—	—	—	—	—
Hiwassee (NC)	—	—	—	293,970	—	—	—	—	—	—	—
Johnsonville (TN)	6,617,080	497,221	—	—	—	—	3,034	1,078	—	356	389
Kentucky (KY)	—	—	—	1,069,594	—	—	—	—	—	—	—
Kingston (TN)	10,192,797	8,740	—	—	—	—	4,041	15	—	153	6
Melton Hill (TN)	—	—	—	174,265	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Tennessee Valley Auth											
Nickajack (TN)	—	—	—	620,450	—	—	—	—	—	—	—
Norris (TN)	—	—	—	500,253	—	—	—	—	—	—	—
Nottely (GA)	—	—	—	40,388	—	—	—	—	—	—	—
Ocoee 1 (TN)	—	—	—	82,486	—	—	—	—	—	—	—
Ocoee 2 (TN)	—	—	—	117,853	—	—	—	—	—	—	—
Ocoee 3 (TN)	—	—	—	190,328	—	—	—	—	—	—	—
Paradise (KY)	12,872,143	4,336	—	—	—	—	5,695	7	—	1,086	1
Pickwick (TN)	—	—	—	1,340,246	—	—	—	—	—	—	—
Raccoon Mountain (TN)	—	—	—	–622,336	—	—	—	—	—	—	—
Sequoyah (TN)	—	—	—	—	18,705,275	—	—	—	—	—	—
Sevier, John (TN)	5,466,818	1,936	—	—	—	—	2,093	3	—	142	1
Shawnee (KY)	7,516,048	16,274	—	—	—	—	3,451	30	—	444	9
South Holston (TN)	—	—	—	163,521	—	—	—	—	—	—	—
Tims Ford (TN)	—	—	—	78,028	—	—	—	—	—	—	—
Watauga (TN)	—	—	—	168,556	—	—	—	—	—	—	—
Watts Bar (TN)	–1,489	—	—	—	—	—	—	—	—	—	—
Watts Bar (TN)	—	—	—	958,341	—	—	—	—	—	—	—
Watts Bar (TN)	—	—	—	—	9,682,268	—	—	—	—	—	—
Wheeler (AL)	—	—	—	1,478,087	—	—	—	—	—	—	—
Widows Creek (AL)	7,534,298	19,683	—	—	—	—	3,503	38	—	658	19
Wilbur (TN)	—	—	—	29,299	—	—	—	—	—	—	—
Wilson (AL)	—	—	—	2,856,252	—	—	—	—	—	—	—
Terrebonne Parish Consol Govt	**—**	**–321**	**111,047**	**—**	**—**	**—**	**—**	*****	**1,499**	**—**	**1**
Houma (LA)	—	–321	111,047	—	—	—	—	*	1,499	—	1
Texas Mun Power Agency	**2,512,234**	**—**	**8,002**	**—**	**—**	**—**	**1,559**	*****	**89**	**208**	**6**
Gibbons Creek (TX)	2,512,234	—	8,002	—	—	—	1,559	*	89	208	6
Texas Utilities Elec Co	**39,643,778**	**82,042**	**40,004,835**	**—**	**17,851,259**	**—**	**33,538**	**165**	**418,876**	**1,874**	**2,309**
Big Brown (TX)	6,125,871	—	55,744	—	—	—	5,024	—	605	181	—
Collin (TX)	—	1,643	310,330	—	—	—	—	3	3,495	—	50
Comanche Peak (TX)	—	—	—	—	17,851,259	—	—	—	—	—	—
De Cordova (TX)	—	188	3,677,017	—	—	—	—	*	35,913	—	231
Eagle Mountain (TX)	—	128	1,113,285	—	—	—	—	*	14,113	—	70
Graham (TX)	—	—	2,536,877	—	—	—	—	—	24,871	—	124
Handley (TX)	—	—	3,443,441	—	—	—	—	—	40,339	—	259
Lake Creek (TX)	—	486	1,002,206	—	—	—	—	1	10,850	—	53
Lake Hubbard (TX)	—	10,696	2,662,187	—	—	—	—	21	28,116	—	240
Martin Lake (TX)	16,107,145	23,388	—	—	—	—	13,390	45	—	548	18
Monticello (TX)	12,837,214	14,603	—	—	—	—	11,347	37	—	463	15
Morgan Creek (TX)	—	10,694	3,307,849	—	—	—	—	20	34,756	—	218
Mountain Creek (TX)	—	—	2,715,474	—	—	—	—	—	29,302	—	156
North Lake (TX)	—	6,230	1,961,160	—	—	—	—	12	20,722	—	123
North Main (TX)	—	—	100,877	—	—	—	—	—	1,303	—	—
Parkdale (TX)	—	—	627,745	—	—	—	—	—	8,176	—	4
Permian Basin (TX)	—	291	3,369,761	—	—	—	—	1	34,065	—	219
River Crest (TX)	—	—	130,061	—	—	—	—	—	1,583	—	3
Sandow (TX)	4,573,548	4,097	—	—	—	—	3,777	8	—	681	—
Stryker Creek (TX)	—	964	2,357,400	—	—	—	—	2	23,251	—	94
Tradinghouse Creek (TX)	—	—	6,392,504	—	—	—	—	—	62,257	—	194
Trinidad (TX)	—	400	561,427	—	—	—	—	1	6,026	—	41
Valley (TX)	—	8,234	3,679,490	—	—	—	—	15	39,132	—	197
Texas-New Mexico Power Co	**2,050,817**	**—**	**16,897**	**—**	**—**	**—**	**1,740**	**—**	**192**	**34**	**—**
Lordsburg (NM)	—	—	—	—	—	—	—	—	—	—	—
TNP One (TX)	2,050,817	—	16,897	—	—	—	1,740	—	192	34	—
Thief Rvr Falls (City of)	**—**	**74**	**—**	**2,518**	**—**	**—**	**—**	*****	**—**	**—**	*****
Thief River Falls (MN)	—	74	—	2,518	—	—	—	*	—	—	*
Thumb Elec Coop of Mich	**—**	**191**	**—**	**—**	**—**	**—**	**—**	*****	**—**	**—**	*****
Caro (MI)	—	107	—	—	—	—	—	*	—	—	*
Ubly (MI)	—	84	—	—	—	—	—	*	—	—	*

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Tipton (City of)	—	**30**	**163**	—	—	—	—	*	**2**	—	*
Tipton (IA)	—	30	163	—	—	—	—	*	2	—	*
Toledo Edison Co (The)	**3,059,270**	**3,029**	**790**	—	**6,141,660**	—	**1,642**	**8**	**22**	**186**	**5**
Acme (OH)	—	—	—	—	—	—	—	—	—	—	—
Bay Shore (OH)	3,059,270	2,702	—	—	—	—	1,642	6	—	186	3
Davis-Besse (OH)	—	—	—	—	6,141,660	—	—	—	—	—	—
Richland (OH)	—	171	790	—	—	—	—	1	22	—	2
Stryker (OH)	—	156	—	—	—	—	—	1	—	—	1
Traer (City of)	—	**70**	**564**	—	—	—	—	*	**4**	—	*
Traer (IA)	—	70	564	—	—	—	—	*	4	—	*
Traverse (City of)	**4,486**	—	—	**12,582**	—	—	**3**	—	—	**9**	—
Bayside (MI)	4,486	—	—	—	—	—	3	—	—	9	—
Boardman (MI)	—	—	—	5,461	—	—	—	—	—	—	—
Brown Bridge (MI)	—	—	—	3,021	—	—	—	—	—	—	—
Elk Rapids (MI)	—	—	—	1,754	—	—	—	—	—	—	—
Sabin (MI)	—	—	—	2,346	—	—	—	—	—	—	—
Trenton (City of)	—	**733**	—	—	—	—	—	**1**	—	—	**3**
Trenton (MO)	—	18	—	—	—	—	—	*	—	—	*
Trenton PKG (MO)	—	715	—	—	—	—	—	1	—	—	2
Trenton (City of)	—	—	—	—	—	—	—	—	—	—	—
Trenton (NE)	—	—	—	—	—	—	—	—	—	—	—
Tri-state G & T Assn Inc	**9,481,641**	**24,838**	**13,378**	—	—	—	**4,793**	**56**	**128**	**1,184**	**27**
Burlington (CO)	—	21,493	—	—	—	—	—	45	—	—	26
Craig (CO)	8,898,538	—	13,378	—	—	—	4,478	—	128	1,161	*
Nucla (CO)	583,103	3,345	—	—	—	—	315	11	—	23	1
Trinidad (City of)	**899**	**11**	—	—	—	—	**1**	*	—	—	*
Trinidad (CO)	899	11	—	—	—	—	1	*	—	—	*
Truman (City of)	—	**62**	—	—	—	—	—	*	—	—	*
Truman (MN)	—	62	—	—	—	—	—	*	—	—	*
Tucson Electric Power Co	**6,191,045**	**4,109**	**318,505**	—	—	—	**3,319**	**7**	**3,953**	**491**	**21**
De Moss Petrie (AZ)	—	—	562	—	—	—	—	—	8	—	4
Irvington (AZ)	415,923	—	312,633	—	—	—	193	—	3,844	81	5
North Loop (AZ)	—	—	5,310	—	—	—	—	—	100	—	7
Springerville (AZ)	5,775,122	4,109	—	—	—	—	3,127	7	—	410	6
Tulia (City of)	—	—	—	—	—	—	—	—	—	—	—
Tulia (TX)	—	—	—	—	—	—	—	—	—	—	—
Turlock Irrigation Dist	—	**17**	**93,057**	**815,528**	—	—	—	*	**1,025**	—	**3**
Almond (CA)	—	—	91,149	—	—	—	—	—	988	—	—
Hickman (CA)	—	—	—	3,805	—	—	—	—	—	—	—
Lagrange (CA)	—	—	—	32,922	—	—	—	—	—	—	—
New Don Pedro (CA)	—	—	—	758,448	—	—	—	—	—	—	—
Turlock Lake (CA)	—	—	—	8,947	—	—	—	—	—	—	—
Uppr Dawson (CA)	—	—	—	11,406	—	—	—	—	—	—	—
Walnut (CA)	—	17	1,908	—	—	—	—	*	37	—	3
Two Harbors (City of)	—	—	—	—	—	—	—	—	—	—	—
Two Harbors (MN)	—	—	—	—	—	—	—	—	—	—	—
Unalakleet Valley Elec As	—	**4,298**	—	—	—	—	—	**8**	—	—	**6**
Unalakleet (AK)	—	4,298	—	—	—	—	—	8	—	—	6
Union City (Village of)	—	—	—	**1,281**	—	—	—	—	—	—	—
Riley (MI)	—	—	—	1,281	—	—	—	—	—	—	—
Union City (MI)	—	—	—	—	—	—	—	—	—	—	—
Union Electric Co	**28,806,950**	**96,028**	**153,111**	**1,839,007**	**8,516,773**	—	**17,221**	**248**	**2,386**	**2,094**	**102**

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Union Electric Co											
Callaway (MO)	—	—	—	—	8,516,773	—	—	—	—	—	—
Canton (MO)	—	—	—	—	—	—	—	—	—	—	—
Howard Bend (MO)	—	7,145	—	—	—	—	—	19	—	—	3
Jefferson City (MO)	—	9,021	—	—	—	—	—	23	—	—	6
Keokuk (IA)	—	—	—	882,419	—	—	—	—	—	—	—
Kirksville (MO)	—	—	994	—	—	—	—	—	20	—	—
Labadie (MO)	13,783,497	13,257	—	—	—	—	8,277	25	—	792	39
Meramec (MO)	2,353,999	8,788	66,059	—	—	—	1,335	22	763	241	7
Mexico (MO)	—	10,303	—	—	—	—	—	26	—	—	6
Moberly (MO)	—	9,909	—	—	—	—	—	27	—	—	6
Moreau (MO)	—	9,995	—	—	—	—	—	26	—	—	6
Osage (MO)	—	—	—	1,034,951	—	—	—	—	—	—	—
Portable (MO)	—	—	—	—	—	—	—	—	—	—	—
Rush Island (MO)	7,776,444	7,314	—	—	—	—	4,774	13	—	481	4
Sioux (MO)	4,893,010	2,851	—	—	—	77,787	2,835	5	—	580	1
Taum Sauk (MO)	—	—	—	–78,363	—	—	—	—	—	—	—
Venice No. 2 (IL)	—	17,445	83,363	—	—	—	—	60	1,535	—	23
Viaduct (MO)	—	—	2,695	—	—	—	—	—	69	—	—
Unionville (City of)	**—**	**344**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	*****
Unionville (MO)	—	344	—	—	—	—	—	1	—	—	*
United Gas Imp Co (The)	**287,108**	**5,258**	**—**	**—**	**—**	**—**	**193**	**10**	**—**	**52**	*****
Hunlock Creek (PA)	287,108	5,258	—	—	—	—	193	10	—	52	*
United Illuminating Co	**1,482,608**	**2,910,631**	**5,137**	**—**	**—**	**—**	**590**	**4,525**	**50**	**134**	**640**
Bridgeport Harbor (CT)	1,482,608	680,182	—	—	—	—	590	1,124	—	134	453
English (CT)	—	—	—	—	—	—	—	—	—	—	—
New Haven Harbor (CT)	—	2,230,449	5,137	—	—	—	—	3,401	50	—	187
United Power Assn	**1,102,206**	**3,720**	**2,419**	**—**	**—**	**—**	**901**	**9**	**50**	**98**	**8**
Cambridge (MN)	—	802	—	—	—	—	—	2	—	—	2
Elk River (MN)	—	107	2,419	—	—	191,196	—	*	50	—	1
Maple Lake (MN)	—	474	—	—	—	—	—	1	—	—	2
Rock Lake (MN)	—	724	—	—	—	—	—	2	—	—	2
Stanton (ND)	1,102,206	1,613	—	—	—	—	901	3	—	98	1
Upper Peninsula Power Co	**—**	**5,230**	**4,028**	**97,988**	**—**	**—**	**—**	**15**	**74**	**3**	**4**
AuTrain (MI)	—	—	—	4,127	—	—	—	—	—	—	—
Cataract (MI)	—	—	—	2,023	—	—	—	—	—	—	—
Escanaba (MI)	—	—	—	—	—	—	—	—	—	—	—
Gladstone (MI)	—	3,445	—	—	—	—	—	9	—	—	2
Hoist (MI)	—	—	—	9,046	—	—	—	—	—	—	—
McClure (MI)	—	—	—	31,682	—	—	—	—	—	—	—
Portage (MI)	—	1,785	—	—	—	—	—	6	—	—	2
Prickett (MI)	—	—	—	5,719	—	—	—	—	—	—	—
Victoria (MI)	—	—	—	45,391	—	—	—	—	—	—	—
Warden, John H (MI)	—	—	4,028	—	—	—	—	—	74	3	—
Usbia-San Carlos Irr Proj	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Coolidge (AZ)	—	—	—	—	—	—	—	—	—	—	—
Utilicorp United Inc	**3,088,254**	**14,196**	**231,398**	**—**	**—**	**—**	**1,584**	**33**	**3,068**	**193**	**51**
Green, Ralph (MO)	—	—	35,099	—	—	—	—	—	405	—	—
Greenwood (MO)	—	11,131	189,389	—	—	—	—	25	2,542	—	48
Kci (MO)	—	—	6,910	—	—	—	—	—	121	—	—
Nevada (MO)	—	1,115	—	—	—	—	—	3	—	—	2
Sibley (MO)	3,088,254	1,950	—	—	—	—	1,584	4	—	193	1
UtiliCorp United Inc	**220,785**	**1,335**	**842,985**	**—**	**—**	**—**	**129**	**4**	**10,954**	**12**	**8**
Cimarron River (KS)	—	—	145,822	—	—	—	—	—	2,262	—	—
Clark, W N (CO)	220,785	—	—	—	—	—	129	—	—	12	—
Clifton (KS)	—	—	45,554	—	—	—	—	—	732	—	—
Judson Large (KS)	—	—	385,846	—	—	—	—	—	4,797	—	2
Mullergren, Arthur (KS)	—	—	258,932	—	—	—	—	—	3,004	—	1
Pueblo (CO)	—	837	6,831	—	—	—	—	2	158	—	4
Rocky Ford (CO)	—	498	—	—	—	—	—	2	—	—	1

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
USBR-Great Plains Region	—	—	—	**3,261,562**	—	—	—	—	—	—	—
Alcova (WY)	—	—	—	155,608	—	—	—	—	—	—	—
Big Thompson (CO)	—	—	—	6,932	—	—	—	—	—	—	—
Boysen (WY)	—	—	—	101,651	—	—	—	—	—	—	—
Buffalo Bill (WY)	—	—	—	91,191	—	—	—	—	—	—	—
Canyon Ferry (MT)	—	—	—	457,505	—	—	—	—	—	—	—
Estes (CO)	—	—	—	75,690	—	—	—	—	—	—	—
Flatiron (CO)	—	—	—	151,320	—	—	—	—	—	—	—
Fremont Canyon (WY)	—	—	—	342,872	—	—	—	—	—	—	—
Glendo (WY)	—	—	—	111,324	—	—	—	—	—	—	—
Green Mountain (CO)	—	—	—	63,120	—	—	—	—	—	—	—
Guernsey (WY)	—	—	—	27,631	—	—	—	—	—	—	—
Heart Mountain (WY)	—	—	—	18,814	—	—	—	—	—	—	—
Kortes (WY)	—	—	—	179,353	—	—	—	—	—	—	—
Marys Lake (CO)	—	—	—	26,723	—	—	—	—	—	—	—
Mount Elbert (CO)	—	—	—	–48,586	—	—	—	—	—	—	—
Pilot Butte (WY)	—	—	—	3,887	—	—	—	—	—	—	—
Pole Hill (CO)	—	—	—	125,183	—	—	—	—	—	—	—
Seminoe (WY)	—	—	—	182,895	—	—	—	—	—	—	—
Shoshone (WY)	—	—	—	23,320	—	—	—	—	—	—	—
Spirit Mountain (WY)	—	—	—	17,246	—	—	—	—	—	—	—
Yellowtail (MT)	—	—	—	1,147,883	—	—	—	—	—	—	—
USBR-Lower Colorado Region	—	—	—	**8,469,400**	—	—	—	—	—	—	—
Davis (AZ)	—	—	—	1,561,853	—	—	—	—	—	—	—
Hoover (AZ)	—	—	—	3,117,858	—	—	—	—	—	—	—
Hoover (NV)	—	—	—	3,092,689	—	—	—	—	—	—	—
Parker (CA)	—	—	—	697,000	—	—	—	—	—	—	—
USBR-Mid Pacific Region	—	—	—	**7,406,486**	—	—	—	—	—	—	—
Folsom (CA)	—	—	—	928,717	—	—	—	—	—	—	—
Judge F Carr (CA)	—	—	—	520,925	—	—	—	—	—	—	—
Keswick (CA)	—	—	—	579,888	—	—	—	—	—	—	—
Lewiston (CA)	—	—	—	2,927	—	—	—	—	—	—	—
New Melones (CA)	—	—	—	818,172	—	—	—	—	—	—	—
Nimbus (CA)	—	—	—	88,477	—	—	—	—	—	—	—
O Neill (CA)	—	—	—	–67,067	—	—	—	—	—	—	—
Shasta (CA)	—	—	—	3,021,903	—	—	—	—	—	—	—
Spring Creek (CA)	—	—	—	749,899	—	—	—	—	—	—	—
Stampede (CA)	—	—	—	11,401	—	—	—	—	—	—	—
Trinity (CA)	—	—	—	751,244	—	—	—	—	—	—	—
USBR-Pacific NW Region	—	—	—	**23,281,273**	—	—	—	—	—	—	—
Anderson Ranch (ID)	—	—	—	180,012	—	—	—	—	—	—	—
Black Canyon (ID)	—	—	—	64,788	—	—	—	—	—	—	—
Boise River Div (ID)	—	—	—	—	—	—	—	—	—	—	—
Chandler (WA)	—	—	—	48,907	—	—	—	—	—	—	—
Grand Coulee (WA)	—	—	—	21,038,360	—	—	—	—	—	—	—
Green Springs (OR)	—	—	—	52,377	—	—	—	—	—	—	—
Hungry Horse (MT)	—	—	—	781,277	—	—	—	—	—	—	—
Minidoka (ID)	—	—	—	162,230	—	—	—	—	—	—	—
Palisades (ID)	—	—	—	889,070	—	—	—	—	—	—	—
Roza (WA)	—	—	—	64,252	—	—	—	—	—	—	—
USBR-Upper Colorado Region	—	—	—	**7,887,241**	—	—	—	—	—	—	—
Blue Mesa (CO)	—	—	—	248,617	—	—	—	—	—	—	—
Crystal (CO)	—	—	—	192,432	—	—	—	—	—	—	—
Deer Creek (UT)	—	—	—	35,820	—	—	—	—	—	—	—
Elephant Butte (NM)	—	—	—	116,053	—	—	—	—	—	—	—
Flaming Gorge (UT)	—	—	—	714,406	—	—	—	—	—	—	—
Fontenelle (WY)	—	—	—	76,222	—	—	—	—	—	—	—
Glen Canyon (AZ)	—	—	—	6,118,903	—	—	—	—	—	—	—
Lower Molina (CO)	—	—	—	22,096	—	—	—	—	—	—	—
McPhee (CO)	—	—	—	862	—	—	—	—	—	—	—
Morrow Point (CO)	—	—	—	309,222	—	—	—	—	—	—	—
Towaoc (CO)	—	—	—	15,731	—	—	—	—	—	—	—
Upper Molina (CO)	—	—	—	36,877	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
USCE-Fort Worth District	—	—	—	**232,358**	—	—	—	—	—	—	—
R D Willis (TX)	—	—	—	36,817	—	—	—	—	—	—	—
Sam Rayburn (TX)	—	—	—	151,988	—	—	—	—	—	—	—
Whitney (TX)	—	—	—	43,553	—	—	—	—	—	—	—
USCE-Hartwell Power Plant	—	—	—	**631,871**	—	—	—	—	—	—	—
Hartwell (GA)	—	—	—	631,871	—	—	—	—	—	—	—
USCE-J Strom Thur Pwr Plt	—	—	—	**1,079,862**	—	—	—	—	—	—	—
J Strom Thurmond (SC)	—	—	—	1,079,862	—	—	—	—	—	—	—
USCE-Kansas City Dist	—	—	—	**519,846**	—	—	—	—	—	—	—
Harry S Truman (MO)	—	—	—	473,898	—	—	—	—	—	—	—
Stockton (MO)	—	—	—	45,948	—	—	—	—	—	—	—
USCE-Little Rock	—	—	—	**2,769,883**	—	—	—	—	—	—	—
Beaver (AR)	—	—	—	151,837	—	—	—	—	—	—	—
Bull Shoals (AR)	—	—	—	784,067	—	—	—	—	—	—	—
Dardanelle (AR)	—	—	—	543,912	—	—	—	—	—	—	—
Greers Ferry (AR)	—	—	—	174,397	—	—	—	—	—	—	—
Norfork (AR)	—	—	—	197,483	—	—	—	—	—	—	—
Ozark (AR)	—	—	—	373,227	—	—	—	—	—	—	—
Table Rock (MO)	—	—	—	544,960	—	—	—	—	—	—	—
USCE-Missouri River District	—	—	—	**9,992,685**	—	—	—	—	—	—	—
Big Bend (SD)	—	—	—	1,007,835	—	—	—	—	—	—	—
Fort Peck (MT)	—	—	—	1,093,365	—	—	—	—	—	—	—
Fort Randall (SD)	—	—	—	1,934,353	—	—	—	—	—	—	—
Garrison (ND)	—	—	—	2,295,948	—	—	—	—	—	—	—
Gavins Point (NE)	—	—	—	845,772	—	—	—	—	—	—	—
Oahe (SD)	—	—	—	2,815,412	—	—	—	—	—	—	—
USCE-Mobile District	—	—	—	**2,409,490**	—	—	—	—	—	—	—
Allatoona (GA)	—	—	—	185,197	—	—	—	—	—	—	—
Buford (GA)	—	—	—	248,435	—	—	—	—	—	—	—
Carters (GA)	—	—	—	364,331	—	—	—	—	—	—	—
J Woodruff (FL)	—	—	—	181,925	—	—	—	—	—	—	—
Jones Bluff (AL)	—	—	—	325,188	—	—	—	—	—	—	—
Millers Ferry (AL)	—	—	—	288,204	—	—	—	—	—	—	—
Walter F George (GA)	—	—	—	551,852	—	—	—	—	—	—	—
West Point (GA)	—	—	—	264,358	—	—	—	—	—	—	—
USCE-Nashville	—	—	—	**3,593,453**	—	—	—	—	—	—	—
Barkley (KY)	—	—	—	725,003	—	—	—	—	—	—	—
Center Hill (TN)	—	—	—	460,482	—	—	—	—	—	—	—
Cheatham (TN)	—	—	—	200,663	—	—	—	—	—	—	—
Cordell Hull (TN)	—	—	—	433,660	—	—	—	—	—	—	—
Dale Hollow (TN)	—	—	—	135,827	—	—	—	—	—	—	—
J Percy Priest (TN)	—	—	—	73,953	—	—	—	—	—	—	—
Laurel (KY)	—	—	—	73,929	—	—	—	—	—	—	—
Old Hickory (TN)	—	—	—	553,791	—	—	—	—	—	—	—
Wolf Creek (KY)	—	—	—	936,145	—	—	—	—	—	—	—
USCE-North Pacific Div	—	—	—	**55,783,740**	—	—	—	—	—	—	—
Albeni Falls (ID)	—	—	—	248,683	—	—	—	—	—	—	—
Big Cliff (OR)	—	—	—	94,003	—	—	—	—	—	—	—
Bonneville (OR)	—	—	—	5,199,874	—	—	—	—	—	—	—
Chief Joseph (WA)	—	—	—	11,404,854	—	—	—	—	—	—	—
Cougar (OR)	—	—	—	146,509	—	—	—	—	—	—	—
Detroit (OR)	—	—	—	392,735	—	—	—	—	—	—	—
Dexter (OR)	—	—	—	18,913	—	—	—	—	—	—	—
Dworshak (ID)	—	—	—	1,352,242	—	—	—	—	—	—	—
Foster (OR)	—	—	—	99,779	—	—	—	—	—	—	—
Green Peter (OR)	—	—	—	183,728	—	—	—	—	—	—	—
Hills Creek (OR)	—	—	—	168,423	—	—	—	—	—	—	—
Ice Harbor (WA)	—	—	—	2,008,886	—	—	—	—	—	—	—
John Day (OR)	—	—	—	9,856,776	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
USCE-North Pacific Div											
Libby (MT)	—	—	—	2,126,865	—	—	—	—	—	—	—
Little Goose (WA)	—	—	—	2,735,545	—	—	—	—	—	—	—
Lookout Point (OR)	—	—	—	289,598	—	—	—	—	—	—	—
Lost Creek (OR)	—	—	—	345,974	—	—	—	—	—	—	—
Lower Granite (WA)	—	—	—	2,873,145	—	—	—	—	—	—	—
Lower Monumental (WA)	—	—	—	2,973,379	—	—	—	—	—	—	—
McNary (OR)	—	—	—	6,355,074	—	—	—	—	—	—	—
The Dalles (WA)	—	—	—	6,908,755	—	—	—	—	—	—	—
USCE-R B Russell	**—**	**—**	**—**	**627,303**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
R B Russell (GA)	—	—	—	627,303	—	—	—	—	—	—	—
USCE-St Louis Dist	**—**	**—**	**—**	**167,380**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Clarence Canyon (MO)	—	—	—	167,380	—	—	—	—	—	—	—
USCE-St Marys Falls	**—**	**—**	**—**	**160,998**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Saint Marys Falls (MI)	—	—	—	160,998	—	—	—	—	—	—	—
USCE-Tulsa District	**—**	**—**	**—**	**2,665,160**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Broken Bow (OK)	—	—	—	187,701	—	—	—	—	—	—	—
Denison (TX)	—	—	—	218,159	—	—	—	—	—	—	—
Eufaula (OK)	—	—	—	368,745	—	—	—	—	—	—	—
Fort Gibson (OK)	—	—	—	314,623	—	—	—	—	—	—	—
Keystone (OK)	—	—	—	422,510	—	—	—	—	—	—	—
Robert S Kerr (OK)	—	—	—	751,504	—	—	—	—	—	—	—
Tenkiller Ferry (OK)	—	—	—	137,198	—	—	—	—	—	—	—
Webbers Falls (OK)	—	—	—	264,720	—	—	—	—	—	—	—
USCE-Vickburg District	**—**	**—**	**—**	**334,028**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Blakely Mountain (AR)	—	—	—	215,778	—	—	—	—	—	—	—
Degray (AR)	—	—	—	85,794	—	—	—	—	—	—	—
Narrows (AR)	—	—	—	32,456	—	—	—	—	—	—	—
USCE-Wilmington	**—**	**—**	**—**	**645,233**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
John H Kerr (VA)	—	—	—	616,051	—	—	—	—	—	—	—
Philpott (VA)	—	—	—	29,182	—	—	—	—	—	—	—
Valley City (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Valley City (ND)	—	—	—	—	—	—	—	—	—	—	—
Vandalia (City of)	**—**	**326**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	*****
Vandalia (MO)	—	326	—	—	—	—	—	1	—	—	*
Vermont Electric Coop	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
N Hartland (VT)	—	—	—	—	—	—	—	—	—	—	—
Vermont Marble Co	**—**	**1,995**	**—**	**47,940**	**—**	**—**	**—**	**6**	**—**	**—**	**8**
Beldens (VT)	—	—	—	17,575	—	—	—	—	—	—	—
Center Rutland (VT)	—	—	—	1,534	—	—	—	—	—	—	—
Florence (VT)	—	1,995	—	—	—	—	—	6	—	—	8
Proctor (VT)	—	—	—	28,831	—	—	—	—	—	—	—
Vero Beach (City of)	**—**	**7,068**	**180,486**	**—**	**—**	**—**	**—**	**15**	**1,954**	**—**	**48**
Municipal Plant (FL)	—	7,068	180,486	—	—	—	—	15	1,954	—	48
Villisca (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Villisca (IA)	—	—	—	—	—	—	—	—	—	—	—
Vineland (City of)	**42,737**	**35,554**	**—**	**—**	**—**	**—**	**24**	**88**	**—**	**11**	**34**
Down, Howard (NJ)	42,737	25,981	—	—	—	—	24	61	—	11	25
West (NJ)	—	9,573	—	—	—	—	—	27	—	—	9
Vinton (City of)	**—**	**500**	**1,983**	**—**	**—**	**—**	**—**	**1**	**20**	**—**	*****
Vinton (IA)	—	500	1,983	—	—	—	—	1	20	—	*
Viola (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Viola (WI)	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Virginia (City of)	**37,651**	**—**	**24,042**	**—**	**—**	**—**	**21**	**—**	**281**	*****	**—**
Virginia (MN)	37,651	—	24,042	—	—	—	21	—	281	*	—
Virginia Elec & Power Co	**34,577,093**	**2,623,651**	**2,198,455**	**–82,182**	**27,234,399**	**—**	**13,600**	**4,268**	**20,384**	**1,331**	**1,885**
Bath County (VA)	—	—	—	–936,980	—	—	—	—	—	—	—
Bell Meade (VA)	—	15,740	340,181	—	—	—	—	28	3,098	—	1
Bremo Bluff (VA)	1,226,748	2,745	—	—	—	—	527	5	—	121	3
Chesapeake (VA)	4,115,711	11,066	—	—	—	—	1,568	20	—	158	32
Chesterfield (VA)	7,363,012	48,194	1,551,215	—	—	—	2,807	81	13,803	211	87
Clover (VA)	6,051,186	6,313	—	—	—	—	2,314	11	—	199	6
Cushaw (VA)	—	—	—	9,779	—	—	—	—	—	—	—
Darbytown (VA)	—	3,590	129,400	—	—	—	—	8	1,594	—	68
Gaston (NC)	—	—	—	445,613	—	—	—	—	—	—	—
Gravel Neck (VA)	—	27,383	78,566	—	—	—	—	60	954	—	95
Kitty Hawk (NC)	—	478	—	—	—	—	—	2	—	—	8
Low Moor (VA)	—	4,481	—	—	—	—	—	13	—	—	9
Mt Storm (WV)	12,025,626	23,574	—	—	—	—	4,823	40	—	432	12
North Anna (VA)	—	—	—	3,374	14,303,160	—	—	—	—	—	—
North Branch (WV)	—	—	—	—	—	—	—	—	—	—	—
Northern Neck (VA)	—	3,468	—	—	—	—	—	10	—	—	11
Possum Point (VA)	1,959,213	632,517	—	—	—	—	819	1,035	—	135	374
Roanoke Rapids (NC)	—	—	—	396,032	—	—	—	—	—	—	—
Surry (VA)	—	—	—	—	12,931,239	—	—	—	—	—	—
Yktn Term A (VA)	—	—	—	—	—	—	—	—	—	—	870
Yorktown (VA)	1,835,597	1,844,102	99,093	—	—	—	742	2,957	935	74	253
1st Energy (VA)	—	—	—	—	—	—	—	—	—	—	56
Vt Yankee Nuclear Pr Corp	**—**	**—**	**—**	**—**	**3,357,696**	**—**	**—**	**—**	**—**	**—**	**—**
Vt. Yankee (VT)	—	—	—	—	3,357,696	—	—	—	—	—	—
Wahoo (City of)	**—**	**120**	**1,691**	**—**	**—**	**—**	**—**	*****	**17**	**—**	*****
Wahoo (NE)	—	120	1,691	—	—	—	—	*	17	—	*
Wallingford (City of)	**—**	**754**	**—**	**—**	**—**	**—**	**—**	**3**	**—**	**—**	*****
Pierce (CT)	—	754	—	—	—	—	—	3	—	—	*
Wamego (City of)	**—**	**300**	**6,303**	**—**	**—**	**—**	**—**	**1**	**63**	**—**	**1**
Wamego (KS)	—	300	6,303	—	—	—	—	1	63	—	1
Warren (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Warren (MN)	—	—	—	—	—	—	—	—	—	—	—
Wash Pub Pwr Supply Systm	**—**	**—**	**—**	**81,300**	**6,916,065**	**—**	**—**	**—**	**—**	**—**	**—**
Packwood (WA)	—	—	—	81,300	—	—	—	—	—	—	—
WNP-2 (WA)	—	—	—	—	6,916,065	—	—	—	—	—	—
Washington (City of)	**—**	**200**	**216**	**—**	**—**	**—**	**—**	*****	**2**	**—**	*****
Washington (KS)	—	200	216	—	—	—	—	*	2	—	*
Washington Electric Coop	**—**	**—**	**—**	**3,132**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Wrightsville (VT)	—	—	—	3,132	—	—	—	—	—	—	—
Washington Island El Coop	**—**	**250**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	**1**
Washington Island (WI)	—	250	—	—	—	—	—	1	—	—	1
Waterloo (City of)	**—**	**254**	**825**	**—**	**—**	**—**	**—**	**1**	**7**	**—**	**1**
Waterloo (IL)	—	254	825	—	—	—	—	1	7	—	1
Watertown (City of)	**—**	**—**	**—**	**15,255**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Watertown (NY)	—	—	—	15,255	—	—	—	—	—	—	—
Wauchula (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Wauchula (FL)	—	—	—	—	—	—	—	—	—	—	—
Waverly (City of)	**—**	**671**	**685**	**1,928**	**—**	**—**	**—**	**1**	**7**	**—**	*****
East Hydro (IA)	—	—	—	1,928	—	—	—	—	—	—	—
East Plant (IA)	—	5	—	—	—	—	—	*	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Waverly (City of)											
North Plant (IA)	—	666	685	—	—	—	—	1	7	—	*
Skeets 1 (IA)	—	—	—	—	—	89	—	—	—	—	—
Wayne (City of)	**—**	**4,015**	**—**	**—**	**—**	**—**	**—**	**7**	**—**	**—**	**2**
Wayne (NE)	—	4,015	—	—	—	—	—	7	—	—	2
Weatherford (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Weatherford (TX)	—	—	—	—	—	—	—	—	—	—	—
Webster City (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Webster City (IA)	—	—	—	—	—	—	—	—	—	—	—
Wellington (City of)	**—**	**95**	**29,273**	**—**	**—**	**—**	**—**	*****	**413**	**—**	**1**
Wellington (KS)	—	—	16,495	—	—	—	—	—	254	—	—
Wellington (KS)	—	95	12,778	—	—	—	—	*	159	—	1
Wells (City of)	**—**	**125**	**348**	**—**	**—**	**—**	**—**	*****	**4**	**—**	*****
Wells (MN)	—	125	348	—	—	—	—	*	4	—	*
West Bend (City of)	**—**	**80**	**253**	**—**	**—**	**—**	**—**	*****	**3**	**—**	*****
West Bend (IA)	—	80	253	—	—	—	—	*	3	—	*
West Liberty (City of)	**—**	**26**	**20**	**—**	**—**	**—**	**—**	*****	*****	**—**	*****
West Liberty (IA)	—	26	20	—	—	—	—	*	*	—	*
West Penn Power Co	**13,027,539**	**52,082**	**4,903**	**122,761**	**—**	**—**	**5,064**	**90**	**52**	**576**	**71**
Armstrong (PA)	2,364,820	1,839	—	—	—	—	929	3	—	119	*
Hatfields Ferry (PA)	9,071,600	4,179	—	—	—	—	3,473	7	—	418	5
Lake Lynn (WV)	—	—	—	122,761	—	—	—	—	—	—	—
Mitchell (PA)	1,591,119	46,064	4,903	—	—	—	662	80	52	39	66
Springdale (PA)	—	—	—	—	—	—	—	—	—	—	—
West Point (City of)	**—**	**30**	**200**	**—**	**—**	**—**	**—**	*****	**2**	**—**	**—**
West Point (NE)	—	30	200	—	—	—	—	*	2	—	—
West Texas Utilities Co	**4,880,011**	**5,253**	**3,389,335**	**—**	**—**	**—**	**2,993**	**10**	**36,361**	**381**	**255**
Abilene (TX)	—	—	15,211	—	—	—	—	—	221	—	—
Fort Phantom (TX)	—	—	1,223,318	—	—	—	—	—	12,804	—	103
Ft Stockton (TX)	—	—	69	—	—	—	—	—	3	—	—
Lake Pauline (TX)	—	—	39,891	—	—	—	—	—	600	—	18
Oak Creek (TX)	—	—	349,759	—	—	—	—	—	3,667	—	28
Oklaunion (TX)	4,880,011	4,905	—	—	—	—	2,993	9	—	381	4
Paint Creek (TX)	—	—	375,917	—	—	—	—	—	4,154	—	80
Presidio (TX)	—	—	—	—	—	—	—	—	—	—	1
Rio Pecos (TX)	—	—	538,757	—	—	—	—	—	6,132	—	1
San Angelo (TX)	—	24	846,413	—	—	—	—	*	8,780	—	19
Vernon (TX)	—	324	—	—	—	—	—	1	—	—	1
Westbrook (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Westbrook (MN)	—	—	—	—	—	—	—	—	—	—	—
Western Farmers Elec Coop	**2,799,326**	**1,488**	**2,184,337**	**—**	**—**	**—**	**1,674**	**3**	**20,893**	**261**	**97**
Anadarko (OK)	—	99	1,513,775	—	—	—	—	*	13,772	—	95
Hugo (OK)	2,799,326	1,389	—	—	—	—	1,674	3	—	261	2
Mooreland (OK)	—	—	670,562	—	—	—	—	—	7,122	—	—
Western Mass Elec Co	**—**	**92,208**	**137,445**	**27,129**	**—**	**—**	**—**	**188**	**1,663**	**—**	**40**
Cabot (MA)	—	—	—	271,235	—	—	—	—	—	—	—
Cobble Mountain (MA)	—	—	—	27,685	—	—	—	—	—	—	—
Doreen (MA)	—	613	—	—	—	—	—	2	—	—	1
Dwight (MA)	—	—	—	4,272	—	—	—	—	—	—	—
Gardners Falls (MA)	—	—	—	12,633	—	—	—	—	—	—	—
Indian Orchard (MA)	—	—	—	8,872	—	—	—	—	—	—	—
Northfield Mountain (MA)	—	—	—	–343,791	—	—	—	—	—	—	—
Putts Bridge (MA)	—	—	—	9,374	—	—	—	—	—	—	—
Red Bridge (MA)	—	—	—	15,505	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Western Mass Elec Co											
Turners Falls (MA)	—	—	—	21,344	—	—	—	—	—	—	—
West Springfield (MA)	—	90,970	137,445	—	—	—	—	184	1,663	—	39
Woodland Road (MA)	—	625	—	—	—	—	—	2	—	—	1
Whitesboro (City of)	—	—	—	—	—	—	—	—	—	—	—
Whitesboro (TX)	—	—	—	—	—	—	—	—	—	—	—
Whittemore (City of)	—	—	—	—	—	—	—	—	—	—	—
Whittemore (IA)	—	—	—	—	—	—	—	—	—	—	—
Wilber (City of)	—	—	—	—	—	—	—	—	—	—	—
Wilber (NE)	—	—	—	—	—	—	—	—	—	—	—
Willmar (City of)	**32,103**	**—**	**1,514**	**—**	**—**	**—**	**40**	**—**	**30**	**7**	**—**
Wilmar (MN)	32,103	—	1,514	—	—	—	40	—	30	7	—
Wilton Junction (City of)	—	—	—	—	—	—	—	—	—	—	—
Wilton Junction (IA)	—	—	—	—	—	—	—	—	—	—	—
Windom (City of)	—	—	—	—	—	—	—	—	—	—	—
Windom (MN)	—	—	—	—	—	—	—	—	—	—	—
Winfield (City of)	—	—	**49,056**	—	—	—	—	—	**656**	—	—
East 12th St (KS)	—	—	43,258	—	—	—	—	—	541	—	—
Winfield (KS)	—	—	5,798	—	—	—	—	—	115	—	—
Winnetka (Village of)	—	**673**	**3,533**	**—**	**—**	**—**	**—**	**1**	**62**	**—**	**2**
Winnetka (IL)	—	673	3,533	—	—	—	—	1	62	—	2
Winterset (City of)	—	—	—	—	—	—	—	—	—	—	—
Winterset (IA)	—	—	—	—	—	—	—	—	—	—	—
Wisconsin Electric Pwr Co	**19,061,053**	**49,102**	**575,643**	**307,678**	**5,691,795**	**—**	**10,226**	**123**	**7,506**	**3,105**	**89**
Appleton (WI)	—	—	—	14,263	—	—	—	—	—	—	—
Big Quinnesec 61 (MI)	—	—	—	790	—	—	—	—	—	—	—
Big Quinnesec 92 (MI)	—	—	—	83,816	—	—	—	—	—	—	—
Brule (MI)	—	—	—	10,204	—	—	—	—	—	—	—
Chalk Hill (MI)	—	—	—	26,741	—	—	—	—	—	—	—
Concord (WI)	—	36	154,356	—	—	—	—	*	2,160	—	8
Germantown (WI)	—	39,354	—	—	—	—	—	95	—	—	11
Hemlock Falls (MI)	—	—	—	2,756	—	—	—	—	—	—	—
Kingsford (MI)	—	—	—	23,382	—	—	—	—	—	—	—
Lower Paint (MI)	—	—	—	607	—	—	—	—	—	—	—
Michigamme Falls (MI)	—	—	—	27,920	—	—	—	—	—	—	—
Oconto Falls (WI)	—	—	—	5,493	—	—	—	—	—	—	—
Oil Storage (WI)	—	—	—	—	—	—	—	—	—	—	30
Paris (WI)	—	3	291,866	—	—	—	—	*	4,051	—	15
Peavy Falls (MI)	—	—	—	45,085	—	—	—	—	—	—	—
Pine (WI)	—	—	—	9,345	—	—	—	—	—	—	—
Pleasant Prairie (WI)	7,679,441	34	24,728	—	—	—	4,612	*	264	528	4
Point Beach (WI)	—	1,099	—	—	5,691,795	—	—	7	—	—	5
Port Washington (WI)	1,069,521	1,820	—	—	—	—	577	7	—	389	5
Presque Isle (MI)	3,314,962	6,756	—	—	—	—	1,850	14	—	1,381	10
South Oak Creek (WI)	5,859,292	—	100,903	—	—	—	2,545	—	976	426	3
Sturgeon (MI)	—	—	—	2,438	—	—	—	—	—	—	—
Twin Falls (MI)	—	—	—	26,848	—	—	—	—	—	—	—
Valley (WI)	1,137,837	—	3,790	—	—	—	643	—	55	381	—
Way (MI)	—	—	—	1,919	—	—	—	—	—	—	—
Weyauwega (WI)	—	—	—	—	—	—	—	—	—	—	—
White Rapids (MI)	—	—	—	26,071	—	—	—	—	—	—	—
Wisconsin Pub Serv Corp	**5,544,017**	**981**	**211,860**	**212,603**	**3,705,379**	**—**	**3,478**	**2**	**2,799**	**301**	**39**
Alexander (WI)	—	—	—	17,027	—	—	—	—	—	—	—
Caldron Falls (WI)	—	—	—	9,434	—	—	—	—	—	—	—
Eagle River (WI)	—	540	—	—	—	—	—	1	—	—	*
Grand Rapids (MI)	—	—	—	28,310	—	—	—	—	—	—	—

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Wisconsin Pub Serv Corp											
Grandfather Falls (WI)	—	—	—	74,924	—	—	—	—	—	—	—
Hat Rapids (WI)	—	—	—	4,415	—	—	—	—	—	—	—
High Falls (WI)	—	—	—	12,788	—	—	—	—	—	—	—
Jersey (WI)	—	—	—	2,546	—	—	—	—	—	—	—
Johnson Falls (WI)	—	—	—	7,726	—	—	—	—	—	—	—
Kewaunee (WI)	—	—	—	—	3,705,379	—	—	—	—	—	—
Merrill (WI)	—	—	—	4,831	—	—	—	—	—	—	—
Oneida Casino (WI)	—	390	—	—	—	—	—	1	—	—	*
Otter Rapids (WI)	—	—	—	2,503	—	—	—	—	—	—	—
Peshtigo (WI)	—	—	—	2,124	—	—	—	—	—	—	—
Potato Rapids (WI)	—	—	—	3,599	—	—	—	—	—	—	—
Pulliam (WI)	2,254,695	—	27,397	—	—	—	1,469	—	331	128	*
Sandstone Rapids (WI)	—	—	—	8,350	—	—	—	—	—	—	—
Tomahawk (WI)	—	—	—	10,481	—	—	—	—	—	—	—
Wausau (WI)	—	—	—	23,545	—	—	—	—	—	—	—
West Marinette (WI)	—	33	129,599	—	—	—	—	*	1,776	—	19
Weston (WI)	3,289,322	18	54,864	—	—	—	2,008	*	692	172	20
Wisconsin Pwr & Lgt Co	**13,818,327**	**15,552**	**123,966**	**190,854**	**—**	**—**	**8,348**	**28**	**1,797**	**1,583**	**26**
Blackhawk (WI)	—	—	21,252	916	—	—	—	—	333	—	—
Columbia (WI)	7,301,646	9,299	—	—	—	—	4,524	17	—	849	2
Dewey, Nelson (WI)	1,057,010	456	—	—	—	22,268	577	1	—	266	*
Edgewater (WI)	4,889,601	4,445	—	—	—	114,987	2,898	8	—	394	*
Janesville (WI)	—	—	—	856	—	—	—	—	—	—	—
Kilbourn (WI)	—	—	—	56,587	—	—	—	—	—	—	—
NA 1 (WI)	—	51	64,356	—	—	—	—	*	936	—	10
Portable (WI)	—	—	—	—	—	—	—	—	—	—	—
Prairie Du Sac (WI)	—	—	—	129,211	—	—	—	—	—	—	—
Rock River (WI)	570,070	1,301	34,667	—	—	56,833	349	2	467	73	9
Shawano (WI)	—	—	—	3,284	—	—	—	—	—	—	—
Sheepskin (WI)	—	—	3,691	—	—	—	—	—	61	—	4
Wisconsin River Power Co	**—**	**—**	**—**	**168,539**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Castle Rock (WI)	—	—	—	84,733	—	—	—	—	—	—	—
Petenwell (WI)	—	—	—	83,806	—	—	—	—	—	—	—
Wisner (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Wisner (NE)	—	—	—	—	—	—	—	—	—	—	—
Wolf Creek Nuclear Corp	**—**	**—**	**—**	**—**	**10,410,718**	**—**	**—**	**—**	**—**	**—**	**—**
Wolf Creek (KS)	—	—	—	—	10,410,718	—	—	—	—	—	—
Wolverine Pwr supply Coop	**–6,574**	**2,502**	**19,555**	**7,121**	**—**	**—**	**—**	**7**	**251**	**—**	**4**
Advance (MI)	–6,574	—	—	—	—	—	—	—	—	—	—
Beaver Island (MI)	—	101	—	—	—	—	—	*	—	—	—
Johnson, George (MI)	—	31	5,938	—	—	—	—	*	98	—	1
Kleber (MI)	—	—	—	5,428	—	—	—	—	—	—	—
Scottville (MI)	—	–3	—	—	—	—	—	*	—	—	*
Tower (MI)	—	743	—	—	—	—	—	3	—	—	2
Tower Hydro (MI)	—	—	—	1,693	—	—	—	—	—	—	—
Vandyke, Claude (MI)	—	30	13,617	—	—	—	—	*	152	—	*
Vestaburg (MI)	—	1,600	—	—	—	—	—	3	—	—	1
Winder, C A (MI)	—	—	—	—	—	—	—	—	—	—	—
Woodsfield (City of)	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
Anadarko (OH)	—	—	—	—	—	—	—	—	—	—	—
Wrangell (City of)	**—**	**528**	**—**	**—**	**—**	**—**	**—**	**1**	**—**	**—**	*****
Wrangell (AK)	—	528	—	—	—	—	—	1	—	—	*
Wyandotte (City of)	**206,222**	**—**	**13,001**	**—**	**—**	**—**	**124**	**—**	**181**	**26**	**—**
Wyandotte (MI)	206,222	—	13,001	—	—	—	124	—	181	26	—
Yakutat Power Inc	**—**	**8,208**	**—**	**—**	**—**	**—**	**—**	**13**	**—**	**—**	*****
Yakutat (AK)	—	8,208	—	—	—	—	—	13	—	—	*

See footnotes at end of table.

Table 58. Annual U.S. Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, 1998 (Continued)

Company (Holding Company) / Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other[1]	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Yazoo Pub Serv Comm (City	—	—	—	—	—	—	—	—	—	—	—
Yazoo (MS)	—	—	—	—	—	—	—	—	—	—	—
Yuba County Water Agency	—	—	—	**2,471,693**	—	—	—	—	—	—	—
Fish Power (CA)	—	—	—	1,135	—	—	—	—	—	—	—
New Colgate (CA)	—	—	—	2,100,726	—	—	—	—	—	—	—
New Narrows (CA)	—	—	—	369,832	—	—	—	—	—	—	—
Yuma (City of)	—	—	—	—	—	—	—	—	—	—	—
Yuma (CO)	—	—	—	—	—	—	—	—	—	—	—
Zeeland (City of)	—	**700**	**10,874**	—	—	—	—	**1**	**111**	—	*
Zeeland (MI)	—	700	10,874	—	—	—	—	1	111	—	*

[1] Other energy sources include geothermal, solar, wood, wind, and waste.

* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.

NM = This value is not available due to insufficient data, inadequate anticipated data/model performance, the percent difference calculation is not meaningful.

Notes: •Totals may not equal sum of components because of independent rounding. •Net generation for jointly owned units is reported by the operator. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Station losses include energy used for pumped storage. •Generation is included for plants in test status. •Nuclear generation is included for those plants with an operating license issued authorizing fuel loading/low power testing prior to receipt of full power amendment. •Central storage is a common area for fuel stocks not assigned to specific plants. •Mcf=thousand cubic feet and bbls=barrels. •Data for 1997 are final. •Holding Companies are: **AEP** is American Electric Power, **APS** is Allegheny Power System, **ACE** is Atlantic City Electric, **CSW** is Central & South West Corporation, **CES** is Commonwealth Energy System, **DMV** is Delmarva, **EU** is Eastern Utilities Associates Company, **GPS** is General Public Utilities, **MSU** is Middle South Utilities, **NEES** is New England Electric System, **NU** is Northeast Utilities, **SC** is Southern Company, **TU** is Texas Utilities.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Appendix A

General Information

Articles

Feature articles on electric power energy-related subjects are frequently included in this publication. The following articles and special focus items have appeared in previous issues.

June 1990	Petroleum Fuel-Switching Capability in the Electric Utility Industry
April 1991	U.S. Wholesale Electricity Transactions
April 1992	Electric Utility Demand-Side Management
April 1992	Nonutility Power Producers
August 1992	Performance Optimization and Repowering of Generating Units
February 1993	Improvement in Nuclear Power Plant Capacity Factors
October 1993	Municipal Solid Waste in the U.S. Energy Supply
November 1993	Electric Utility Demand-Side Management and Regulatory Effects
November 1994	The Impact of Flow Control and Tax Reform on Ownership and Growth in the U.S. Waste-to-Energy Industry
July 1995	Nonutility Electric Generation: Industrial Power Production
August 1995	Steam Generator Degradation and Its Impact on Continued Operation of Pressurized Water Reactors in the United States
September 1995	New Sources of Nuclear Fuel
November 1995	Relicensing and Environmental Issues Affecting Hydropower
May 1996	U.S. Electric Utility Demand-Side Management: Trends and Analysis
June 1996	Upgrading Transmission Capacity for Wholesale Electric Power Trade
May 1998	Reducing Nitrogen Oxide Emissions: 1996 Compliance with Title IV Limits

For additional information or questions regarding availability of article reprints, please contact the National Energy Information Center at (202)586-8800 or by FAX at (202)586-0727.

Electric Power Monthly Data Guide

Data Item	Tables
New and Retired Electric Generating Units	1
Nonutility Electricity Sales for Resale	2
Nonutility Net Generation	3
Electric Utility Net Generation:	
Coal-Fired	2, 4, 8, and 56
Petroleum-Fired	2, 4, 9, and 56
Natural Gas-Fired	2, 4, 10, and 56
Hydroelectric-Powered	2, 5, 11, and 56
Nuclear-Powered	2, 4, 12, and 56
Other Sources	2, 5, 13, and 56
All Sources	2, 3, 6, and 7
Consumption of Fuels at Electric Utility Plants:	
Coal	2, 14, 15, 18, and 56
Petroleum	2, 14, 16, 19, and 56
Natural Gas	2, 14, 17, 20, and 56
Stocks of Fuels at Electric Utility Plants:	
Coal	2, 21, 22, 24, and 56
Petroleum	2, 21, 23, 25, and 56
Electric Utility Retail Sales:	
Residential Sector	2, 44, 45, and 47
Commercial Sector	2, 44, 45, and 47
Industrial Sector	2, 44, 45, and 47
Other Sector	2, 44, 45, and 47
Total Sector	2, 44, 45, and 47
Electric Utility Revenue:	
Residential Sector	2, 48, 49, and 51
Commercial Sector	2, 48, 49, and 51
Industrial Sector	2, 48, 49, and 51
Other Sector	2, 48, 49, and 51
Total Sector	2, 48, 49, and 51
Electric Utility Average Revenue:	2, 52, 53, and 55
Residential Sector	2, 52, 53, and 55
Commercial Sector	2, 52, 53, and 55
Industrial Sector	2, 52, 53, and 55
Other Sector	2, 52, 53, and 55
Total Sector	2, 52, 53, and 55
Electric Utility Receipts of Fuel:	
Coal	2, 26, 27, 33, 34, 35, 36, and 57
Petroleum	2, 26, 29, 37, 38, 39, 40, and 57
Natural Gas	2, 26, 31, 41, 42, 43, and 57
Electric Utility Fuel Costs:	
Coal	2, 26, 28, 34, 35, 36, and 57
Petroleum	2, 26, 30, 38, 39, 40, and 57
Natural Gas	2, 26, 32, 42, 43, and 57

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Appendix B

Major Disturbances and Unusual Occurrences

This discussion was prepared for publication in the *Electric Power Monthly* by the Office of Energy Emergency Management (under the Office of Nonproliferation and National Security).

Electric power systems are subject to a variety of incidents that, to a smaller or greater degree, may adversely affect the delivery of electricity to consumers. Among these are natural phenomena (such as storms and earthquakes); failure of electric system components; accidental or purposeful activities inimical to continued safe operation of electric power systems; and, difficulties associated with the normal operation of large, extremely complex real-time systems.

Under current Federal regulations, some disturbances are reported to the Federal Government. The legal basis for the requirements and the specifications of information reported are detailed in Title 10, Part 205, Subpart W, of the *Code of Federal Regulations*, Sections 205.350–205.353, published in the *Federal Register* on October 31, 1986.

In general, the incidents to be reported are grouped into two categories: (1) mandatory in all cases; and (2) mandatory if the incident meets specified criteria, where the utility involved is permitted to exercise some judgment as to whether the criteria have been met. Underlying the formulation of the reporting criteria, requirements, and procedures was the need for the Federal Government to be aware of potentially dangerous situations, tempered by the desire to minimize burdens on the reporting utilities. Another consideration in the development of the rules was the benefit gained from knowledge of the causes and effects of undesired events that may have been caused by unforseen system defects or by purposeful adverse actions to system design and operation. The final rules reflect modification of the preliminary rules, as published in the *Federal Register*, based on comments from the electric power industry and the general public.

A report is mandatory when, for the purpose of maintaining the continuity of the bulk power supply system, a utility, due to any equipment failure/system operational action or event, (1) initiates a system voltage reduction of 3 percent or more, (2) disconnects circuits supplying over 100 megawatts of firm customer load, (3) issues an appeal to the public for a voluntary reduction in the use of electricity, or (4) has existing or anticipated fuel supply emergency situations requiring abnormal use of a particular fuel with the potential to reduce supply or stocks if needed to maintain reliable electric service. A report is also mandatory in regard to any actual or suspected act of sabotage or terrorism directed at the bulk power supply system.

In general, reports are to be made by telephone to the Emergency Operating Center, Department of Energy, in Washington, DC, as soon as practicable for instances of load shedding or loss of service, and, at the last, within 3 hours of the beginning of a service interruption. For other disturbances, the allowable reporting time ranges from 24 hours to days. Written reports may be required by the Director, Office of Energy Emergency Management, if the circumstances so indicate.

The DOE is concerned that the operation of the bulk power system in the United States shall be as trouble free as possible. To that end, information is collected, as discussed above, regarding major disturbances to the normal functioning of that system. Events, such as damage to some local distribution circuits by storms or other uncontrollable events, while annoying to the customers affected, do not greatly affect the supply of bulk power to the system as a whole. These events are more properly the concern of local and State authorities. By collecting data on major incidents, the Department is able to monitor the bulk power supply and provide a focus on those matters that may need investigation.

Suggestions regarding the reporting requirements, regulations, procedures, or any other phase of the Power System Emergency Reporting elements are welcomed. Comments can be addressed to the Office of Energy Emergency Operations (NN-63), Department of Energy, 1000 Independence Avenue, SW, Washington, DC 20585.

Table B1. Major Disturbances and Unusual Occurrences, January 1999

Date	Utility/Power Pool (NERC Council)	Time	Area	Type of Disturbance	Loss (megawatts)	Number of Customers Affected	Restoration Time
1/02/99	Duke Power Co. (SERC)	4:00 p.m.	Charlotte, NC	Ice Storm	900	240,000	6:00 p.m. Jan 6
1/14/99	Potomac Electric Power Co. (MAAC)	7:29 p.m.	Washington, DC	Ice Storm	900	233,000	9:00 p.m. Jan 20
1/14/99	Baltimore Gas & Electric (MAAC)	8:00 p.m.	Suburban MD	Ice Storm	NA	350,000	9:00 p.m. Jan 18
1/16/99	Virginia Electric Power Co. (SERC)	1.46 a.m.	Northern VA	Ice Storm	NA	291,000	5:00 p.m. Jan 17
1/17/99	Tennessee Valley Authority (SERC)	7:00 p.m.	Western TN	Severe Storms	50	50,000	4:00 p.m. Jan 20
1/17/99	Potomac Electric Power Co. (MAAC)	4:12 p.m.	Norbeck Substation	Equipment Failure	90	70,000	5:46 a.m. Jan 18
1/29/99	Southwestern Public Service Co. (ERCOT)	NA	Arillo, TX	Ice Storm	NA	50,000	Feb. 2

Source: Emergency Operations Center, Form EIA-417R, “Electric Power System Emergency Report.”

Appendix C

Technical Notes

Data Sources

The *Electric Power Monthly (EPM)* is prepared by the Electric Power Division, Office of Coal, Nuclear, Electric and Alternate Fuels (CNEAF), Energy Information Administration (EIA), U.S. Department of Energy. Data published in the EPM are compiled from seven data sources. Those forms are: the Form EIA-759, "Monthly Power Plant Report," the Form EIA-900, "Monthly Nonutility Power Plant Report," the FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," the Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions," the Form EIA-861, "Annual Electric Utility Report," the Form EIA-860A, "Annual Electric Generator Report–Utility," and the Form EIA-860B, "Annual Electric Generator Report–Nonutility."

Form EIA-759

The Form EIA-759 is a cutoff model sample of approximately 360 electric utilities drawn from the frame of all operators of electric utility plants (approximately 700 electric utilities) that generate electric power for public use. Data will be collected on an annual basis from the remaining operators of electric utility plants. The new monthly data collection is from all utilities with at least one plant with a nameplate capacity of 50 megawatts or more. (Note: includes all nuclear units). However, the few utilities that generate electricity using renewable fuel sources other than hydroelectric are all included in the sample. The Form EIA-759 is used to collect monthly data on net generation; consumption of coal, petroleum, and natural gas; and end-of-the-month stocks of coal and petroleum for each plant by fuel-type combination. Summary data from the Form EIA-759 are also contained in the *Electric Power Annual (EPA)*, *Monthly Energy Review (MER)*, and the *Annual Energy Review (AER)*. These reports present aggregate data estimates for electric utilities at the U.S., Census division, and North American Electric Reliability Council Region (NERC) levels.

Instrument and Design History. Prior to 1936, the Bureau of the Census and the U.S. Geological Survey collected, compiled, and published data on the electric power industry. In 1936, the Federal Power Commission (FPC) assumed all data collection and publication responsibilities for the electric power industry and implemented the FPC Form 4. The Federal Power Act, Sections 311 and 312, and FPC Order 141 define the legislative authority to collect power production data. The Form EIA-759 replaced the FPC Form 4 in January 1982. In January 1996, the Form EIA-759 was changed to collect data from a cutoff model sample of plants with a nameplate capacity of 25 megawatts or more. In January 1999, the Form EIA-759 was changed to collect data for a cutoff sample of plants with a nameplate capacity of 50 megawatts or more.

Data Processing. The Form EIA-759, along with a return envelope, is mailed to respondents approximately 4 working days before the end of the month. The completed forms are to be returned to the EIA by the 10th day after the end of the reporting month. After receipt, data from the completed forms are manually logged in and edited before being keypunched for automatic data processing. An edit program checks the data for errors not found during manual editing. The electric utilities are telephoned to obtain data in cases of missing reports and to verify data when questions arise during editing. After all forms are received from the respondents, the final automated edit is submitted. Following verification of the data, text and tables of aggregated data are produced for inclusion in the *EPM*. Following EIA approval of the *EPM*, the data are made available for public use, on a cost-recovery basis, through custom computer runs, data tapes, or in publications.

FERC Form 423

The Federal Energy Regulatory Commission (FERC) Form 423 is a monthly record of delivered-fuel purchases, submitted by approximately 230 electric utilities for each electric generating plant with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. Summary data from the FERC Form 423 are also contained in the *EPA*, *MER*, and the *Cost and Quality of Fuels for Electric Utility Plants – Annual*. These reports present aggregated data on electric utilities at the U.S., Census division, and State levels.

Instrument and Design History. On July 7, 1972, the FPC issued Order Number 453 enacting the New Code of Federal Regulations, Section 141.61, legally creating

the FPC Form 423. Originally, the form was used to collect data only on fossil-steam plants, but was amended in 1974 to include data on internal combustion and combustion turbines. The FERC Form 423 replaced the FPC Form 423 in January 1983. The FERC Form 423 eliminated peaking units, which were previously collected on the FPC Form 423. In addition, the generator nameplate capacity threshold was changed from 25 megawatts to 50 megawatts. This reduction in coverage eliminated approximately 50 utilities and 250 plants. All historical FPC Form 423 data in this publication were revised to reflect the new generator nameplate capacity threshold of 50 or more megawatts reported on the FERC Form 423. In January 1991, the collection of data on the FERC Form 423 was extended to include combined-cycle units. Historical data have not been revised to include these units. Starting with the January 1993 data, the FERC began to collect the data directly from the respondents.

Data Processing. The FERC processes the data through edits and each month provides the EIA with a diskette containing the data. The EIA reviews the data for accuracy. Beginning with May 1994 data, an additional quality check began in which coal data are compared with data prepared by Resource Data International, Inc., of Boulder, Colorado. Following verification of the data, text and tables of aggregated data are produced for inclusion in the *EPM*. After the *EPM* is cleared by the EIA, the data become available for public use, on a cost-recovery basis, through custom computer runs or in publications.

Form EIA-826

The Form EIA-826 is a monthly collection of data from approximately 260 of the largest primarily investor-owned and publicly owned electric utilities. A model is then applied to estimate for the entire universe of U.S. electric utilities. The electric power sales data are used by the Federal Reserve Board in their economic analyses.

Instrument and Design History. The collection of electric power sales, revenue, and income data began in the early 1940's and was established as FPC Form 5 by FPC Order 141 in 1947. In 1980, the report was revised with only selected income items remaining and became the FERC Form 5. The Form EIA-826 replaced the FERC Form 5 in January 1983. In January 1987, the Form EIA-826 was changed to the "Monthly Electric Utility Sales and Revenue Report with State Distributions." It was formerly titled, "Electric Utility Company Monthly Statement." The Form EIA-826 was revised in January 1990, and some data elements were eliminated. In 1993, EIA for the first time used a model sample for the Form EIA-826. A stratified-random sample, employing auxiliary data, was used for each of the 4 previous years. (See previous issues of this publication, and (Knaub, 12) for details.) The current sample for the Form EIA-826, which was designed to obtain estimates of electricity sales and revenue per kilowatthour at the State level by end-use sector, was chosen to be in effect for the January 1993 data.

Frame. The frame for the Form EIA-826 was originally based on the 1989 submission of the Form EIA-861 (Section 1.4), which consisted of approximately 3,250 electric utilities selling retail and/or sales for resale. Note that for the Form EIA-826, the EIA is only interested in retail sales. Updates have been made to the frame to reflect mergers that affect data processing. Some electric utilities serve in more than one State. Thus, the State-service area is actually the sampling unit. For each State served by each utility, there is a utility State-part, or "State-service area." This approach allows for an explicit calculation of estimates for sales, revenue, and revenue per kilowatthour by end-use sector (residential, commercial, industrial and other) at State, Census division, and the U.S. level. Regressor data came from the Form EIA-861. (Note that estimates at the "State level" are for sales for the entire State, and similarly for "Census division" and "U.S." levels.)

The preponderance of electric power sales to ultimate consumers in each State are made by a few large utilities. Ranking of electric utilities by retail sales on a State-by-State basis revealed a consistent pattern of dominance by a few electric utilities in nearly all 50 States and the District of Columbia. These dominant electric utilities were selected as a model sample. These electric utilities constitute about 8 percent of the population of U.S. electric utilities, but provide three-quarters of the total U.S. retail electricity sales. The procedures used to derive electricity sales, revenue, revenue per kilowatthour, and associated coefficient of variation (CV) estimates are provided in the Form EIA-826 subsection of the Formulas Data Section. See (Knaub, 12) for a study of CV estimates for this survey.

Data Processing. The forms are mailed each year to the electric utilities with State-parts selected in the sample. The completed form is to be returned to the EIA by the last calendar day of the month following the reporting month. Nonrespondents are telephoned to obtain the data. Imputation, in model sampling, is an implicit part of the estimation. That is, data that are not available, either because it was not part of the sample or because the data are missing, are estimated using a model. The data are edited and entered into the computer where

additional checks are completed. After all forms have been received from the respondents, the final automated edit is submitted. Following verification, tables and text of the aggregated data are produced for inclusion in the EPM. After the *EPM* receives clearance from the EIA, the data are made available for public use through custom computer runs, data tapes, or in publications (*EPA, AER*) on a cost-recovery basis.

Form EIA-900

The Form EIA-900, "Monthly Nonutility Power Plant Report," is a cutoff model sample drawn from the frame for the Form EIA-867, "Annual Nonutility Power Producer Report." Members of the Form EIA-867 frame with nameplate capacity greater than or equal to 50 megawatts constitute the sample for the Form EIA-900. The Form EIA-900 currently is used to collect monthly data on net generation; consumption of coal, petroleum, and natural gas; and end-of-the month stocks of coal and petroleum.

Instrument and Design History. The Form EIA-900 was implemented to collect monthly data, starting with January 1996. The reason for its inception was to fill, in part, a "data gap" that existed on a monthly basis when comparing utility sales to end users (from the Form EIA-826) with utility generation (from the Form EIA-759). This data gap occurred because utility sales data include electricity purchased from nonutilities and because of other factors such as transmission losses and imports / exports. In light of sampling and nonsampling error, a more complete description of events may be gleaned by including results based on the Form EIA-900.

Data Processing. The Form EIA-900 is mailed to all operating Form EIA-867 respondent facilities with more than 50 megawatts of total operating capacity. In 1996, there were approximately 380 respondents for the Form EIA-900. Data submission is allowed by Internet e-mail, postal mail, telephone or facsimile (FAX) transmission. In the near future, the EIA plans to allow touchtone data entry. At first submission, the number for the one datum element collected is compared to a previously submitted number, through the use of an interactive edit. Later, batch edits are applied. One edit is used to compare total sales, generation, line losses and imports / exports to determine if the results are reasonable. Another edit is applied on an individual, annual basis, to compare 12 month totals for the Form EIA-900 submissions to the corresponding Form EIA-867 submissions.

Form EIA-861

The Form EIA-861 is a mandatory census of electric utilities in the United States. The survey is used to collect information on power production and sales data from approximately 3,250 electric utilities. The data collected are used to maintain and update the EIA's electric utility frame data base. This data base supports queries from the Executive Branch, Congress, other public agencies, and the general public. Summary data from the Form EIA-861 are also contained in the *Electric Sales and Revenue*; the *Electric Power Annual*; the *Financial Statistics of Selected Publicly Owned Electric Utilities*; the *Financial Statistics of Selected Investor-Owned Electric Utilities*; the *AER*; and, the *Annual Outlook for U.S. Electric Power*. These reports present aggregate totals for electric utilities on a national level, by State, and by ownership type.

Instrument and Design History. The Form EIA-861 was implemented in January 1985 to collect data as of year-end 1984. The Federal Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

Data Processing. The Form EIA-861 is mailed to the respondents in February of each year to collect data as of the end of the preceding calendar year. The data are manually edited before being entered into the interactive on-line system. Internal edit checks are performed to verify that current data total across and between schedules, and are comparable to data reported the previous year. Edit checks are also performed to compare data reported on the Form EIA-861 and similar data reported on the Forms EIA-826; EIA-412, "Annual Report of Public Electric Utilities;" and FERC Form 1, "Annual Report of Major Electric Utilities, Licensees, and Others." Respondents are telephoned to obtain clarification of reported data and to obtain missing data.

Form EIA-860

The Form EIA-860A is a mandatory census of electric utilities in the United States that operate power plants or plan to operate a power plant within 10 years of the reporting year. The survey is used to collect data on electric utilities' existing power plants and their 10-year plans for constructing new plants, generating unit additions, modifications, and retirements in existing plants. Data on the survey are collected at the generating unit 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. Data from the Form EIA-860 are also summarized in the *Inventory of Power Plants in the United States* and the *EPA*, and as input to publications (AER) and studies by other offices in the Department of Energy.

Instrument and Design History. The Form EIA-860A 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. The Form EIA-860A is mailed to approximately 900 respondents in November or December to collect data as of January 1 of the reporting year, where the reporting year is the calendar year in which the report was filed. Effective with the 1996 reporting year, respondents have the option of filing Form EIA-860A directly with the EIA or through an agent, such as the respondent's regional electric reliability council. Data reported through the regional electric reliability councils are submitted to the EIA electronically from the North American Electric Reliability Council (NERC). Data for each respondent are preprinted from the applicable data base. Respondents are instructed to verify all preprinted data and to supply missing data. The data are manually edited before being keypunched 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 automatic editing process.

Form EIA-860B

The Form EIA-860B is a mandatory survey of all existing and planned nonutility electric generating facilities in the United States with a total generator nameplate capacity of 1 or more megawatts. In 1992, the reporting threshold of the Form EIA-860B was lowered to include all facilities with a combined nameplate capacity of 1 or more megawatts. Previously, data were collected every 3 years from facilities with a nameplate capacity between 1 and 5 megawatts. Planned generators are defined as a proposal by a company to install electric generating equipment at an existing or planned facility. The proposal is based on the owner having obtained (1) all environmental and regulatory approvals, (2) a contract for the electric energy, or (3) financial closure on the facility. The Form consists of Schedules I, "Identification and Certification;" Schedule II, "Facility Information"; Schedule III, "Standard Industrial Classification Code Designation"; Schedule IVA, "Facility Fuel Information"; Schedule IVB, "Facility Thermal and Generation Information"; Schedule V, "Facility Environmental Information"; and Schedule VI, "Electric Generator Information."

Submission of the Form EIA-860B is required from all facilities that have a combined facility nameplate capacity of 1 megawatt or more. Schedule V, "Facility Environmental Information" is only required of those facilities of 25 megawatts or more.

The form is used to collect data on the installed capacity, energy consumption, generation, and electric energy sales to electric utilities and other nonutilities by facility. Additionally, the form is used to collect data on the quality of fuels burned and the types of environmental equipment used by the respondent. These data are aggregated to provide geographic totals for selected States and at the Census division and national levels. Since the Form EIA-860B data are considered confidential, suppression of some data is necessary to protect the confidentiality of the individual respondent data. See "Confidentiality of the Data" in this section for further information.

Instrument and Design History. The Form EIA-860B was implemented in December 1989 to collect data as of year-end 1989. The Federal Energy Administration Act of 1984 (Public Law 93-275) defines the legislative authority to collect these data.

Data Processing. The Form EIA-860B is mailed to the respondents in January to collect data as of the end of the preceding calendar year. Static data for each respondent are preprinted from the previous year, and the respondents are instructed to verify all preprinted information and to supply the missing data. The completed forms are to be returned to the EIA by April 30. The response rate for all facilities for which addresses were confirmed was 100 percent. The data are manually edited before being keyed for automatic data processing. Computer programs containing additional edit checks are run. Respondents are telephoned to obtain corrections or clarifications of reported data and to obtain missing data as a result of the manual and automated editing.

Formulas/Methodologies

The following formula is used to calculate percent differences.

Percent Difference = $\left(\frac{x(t_2) - x(t_1)}{x(t_1)} \right) \times 100,$

where $x(t_1)$ and $x(t_2)$ denote the quantity at year t_1 and subsequent year t_2.

Form EIA-826

The Form EIA-826 data are collected at the utility level by sector and State. When a utility has sales in more than one State, the State data that may be required are dependent upon the sample selection that was done for each State independently. Data from the Form EIA-826 are used to determine estimates by sector at the State, Census division, and national level for the entire corresponding State, Census division, or national category. Form EIA-861 data were used as the frame from which the sample was selected, and also as regressor data.

The sample consists of approximately 260 electric utilities. This includes a somewhat larger number of State-service areas for electric utilities. Estimation procedures include imputation to account for nonresponse. Nonsampling error must also be considered. The nonsampling error is not estimated directly, although attempts are made to minimize it.

State-level sales and revenue estimates are calculated. Also, a ratio estimation procedure is used for estimation of revenue per kilowatthour at the State level. These estimates are accumulated separately to produce the Census division and U.S. level estimates.

The coefficient of variation (CV) statistic, usually given as a percent, describes the magnitude of sampling error that might reasonably be incurred. The CV, sometimes referred to as the relative standard error, is the square root of the estimated variance, divided by the variable of interest. The variable of interest may be the ratio of two variables (for example, revenue per kilowatthour), or a single variable (for example, sales).

The sampling error may be less than the nonsampling error. Nonsampling errors may be attributed to many sources, including the response errors, definitional difficulties, differences in the interpretation of questions, mistakes in recording or coding data obtained, and other errors of collection, response, or coverage. These nonsampling errors also occur in complete censuses. In a complete census, this problem may become unmanageable. One indicator of the magnitude of possible nonsampling error may be gleaned by examining the history of revisions to data for a survey (Table B2).

Coefficients of variation are indicators of error due to sampling. (CVs do not account for nonsampling errors, such as errors of misclassification or transposed digits. However, estimates of CVs, although not designed to measure nonsampling error, are affected by them). In fact, large CV estimates found in preliminary work with these data have often indicated nonsampling errors, which were then identified and corrected. Using the Central Limit Theorem, which applies to sums and means such as are applicable here, there is approximately a 68-percent chance that the true sampling error is less than the corresponding CV. Note that reported CVs are always estimates, themselves, and are usually, as here, reported as percents. As an example, suppose that a revenue-per-kilowatthour value is estimated to be 5.13 cents per kilowatthour with an estimated CV of 1.6 percent. This means that, ignoring any nonsampling error, there is approximately a 68-percent chance that the true average revenue per kilowatthour is within approximately 1.6 percent of 5.13 cents per kilowatthour (that is, between 5.05 and 5.21 cents per kilowatthour). There is approximately a 95-percent chance of a true sampling error being 2 CVs or less.

The basic approach used is shown in (Royall, 6) with additional discussion of variance estimation in (Royall and Cumberland, 7), (Royall and Cumberland, 8), and (Knaub, 5). From (Royall, 6), for sales or revenue for any sector at the State level, if we let x represent an observation from the Form EIA-861, y represents an observation from the Form EIA-826, and $\hat{y}$ represents an estimated value for data not collected, then

$$y_i = b x_i + x_i^{\gamma} e_{o_i},$$

$$\hat{y}_i = \hat{b} x_i,$$

$$\hat{b}(\gamma) = \left[\sum_{k=1}^{n} x_k^{1-2\gamma} y_k \right] / \left[\sum_{k=1}^{n} x_k^{2-2\gamma} \right]$$

Here, n is the Form EIA-826 sample size for that State, and b is the factor ('slope') relating x to y in the linear regression. γ is taken to be ½ (see (Knaub, 5)), although more research (Knaub, 9) could refine this. For the Form EIA-826, γ = ½ has certainly been shown to be adequate (see (Knaub, 5), page 878, Table 1). The variance formula for V_d found in (Royall and Cumberland, 7 and 8) performs well for sales and for revenue. For revenue per kilowatthour, the model covariance comes from notes provided by Professor Poduri S.R.S. Rao (Rao, 10) of the University of Rochester and the Energy Information Administration. Aggregate level CV estimates for revenue per kilowatthour are calculated as supported by (Hansen,

Hurwitz and Madow, 11). Details are published in (Knaub, 12).

As a final adjustment based on our most complete data, use is made of final Form EIA-861 data, when available. The annual totals for Form EIA-826 data by State and end-use sector are compared to the corresponding Form EIA-861 values for sales and revenue. The ratio of these two values in each case is then used to adjust each corresponding monthly vale.

Additional information or clarification can be addressed to the Energy Information Administration as indicated in the "Contacts" section of this publication.

Form EIA-900

The Form EIA-900 data are collected at the facility level, which is roughly the nonutility equivalent of plant level. Like the Form EIA-826, cutoff model sampling and estimation are employed, however, the estimation formula are modified by use of a second regressor. It was found that more variability occurred under the single regressor model than was generally found in the case of the Form EIA-826, but that through the use of nameplate capacity as a second regressor, results were greatly improved. Increasing variance as regressor values increase (heteroscedasticity), a phenomenon which caused us to use a value for gamma greater than zero in the case of the Form EIA-826, is at least as important a consideration here, and further study to increase efficiency may be performed. A paper, "Weighted Multiple Regression Estimation for Survey Model Sampling," has been accepted for publication in the Internet statistics journal, InterStat at http://interstat.stat.vt.edu/intersta.htm. This paper explains a great deal of the background and methodology involved in providing a satisfactory estimator in this case. It appears at the Web site given above, under May 1996 (Knaub, 13).

Form EIA-759

Data for the Form EIA-759 are collected at the plant level. Estimates are then provided for geographic levels. Consumption of fuel(s) is converted from quantities (in short tons, barrels, or thousand cubic feet) to Btu at the plant level. End-of-month fuel stocks for a single generating plant may not equal beginning-of-the-month stocks plus receipts less consumption, for many reasons, including the fact that several plants may share the same fuel stock.

A cutoff model sampling and estimation are employed, using the same multiple regression model. Once again, as described under the corresponding subsection on the Form EIA-900, details of the estimation of totals and variances of totals are published on the Internet in a paper entitled "Weighted Multiple Regression Estimation for Survey Model Sampling (Knaub, 13)."

At the fuel and State level (i.e., lowest aggregate level), there are a number of cases where the minimal sample size of three is not met, when using a 25 MW cutoff. Imputation of historic values for the smallest plants is used to supplement actual values for the largest ones. However, at the NERC level, this is not necessary. Data element totals for each NERC region, by fuel type, are estimated using model sampling. These samples are composed solely of data reported for the plants actually in the sample. The national level estimate from this is then considered our best estimate, and all other estimates are apportioned accordingly.

As a final adjustment based on our most complete data, use is made of final Form EIA-759 annual census, when available. The annual census for Form EIA-759 data by State and energy source are compared to the corresponding monthly Form EIA-759 values. The ratio of these two values in each case is then used to adjust each corresponding monthly value.

FERC Form 423

Data for the FERC Form 423 are collected at the plant level. These data are then used in the following formulas to produce aggregates and averages for each fuel type at the State, Census division, and U.S. level. For these formulas, receipts and average heat content are at the plant level. For each geographic region, the summation Σ represents the sum of all plants in that geographic region. Additionally,

- For coal, units for receipts (R) are in tons, units for average heat content (A) are in Btu per pound, and the unit conversion (U) is 2,000 pounds per ton;
- For petroleum, units for receipts (R) are in barrels, units for average heat content (A) are in Btu per gallon, and the unit conversion (U) is 42 gallons per barrel;
- For gas, units for receipts (R) are in thousand cubic feet (Mcf), average heat content (A) are in Btu per cubic foot, and the unit conversion (U) is 1,000 cubic feet per Mcf.

$$\text{Total Btu} = \sum_i (R_i \times A_i \times U),$$

where I denotes a plant; R_i = receipts for plant I;
A_i = average heat content for receipts at plant I; and,
U = unit conversion;

$$\text{Weighted Average Btu} = \frac{\sum_i (R_i \times A_i)}{\sum_i R_i},$$

where I denotes a plant; R_i = receipts for plant I; and, A_i = average heat content for receipts at plant I.

The weighted average cost in cents per million Btu is calculated using the following formula:

$$\text{Weighted Average Cost} = \frac{\sum_i (R_i \times A_i \times C_i)}{\sum_i (R_i \times A_i)},$$

where I denotes a plant; R_i = receipts for plant I;
A_i average heat content for receipts at plant I;
and C_i = cost in cents per million Btu for plant I.

The weighted average cost in dollars per unit is calculated using the following formula:

$$\text{Weighted Average Cost} = \frac{U \sum_i (R_i \times A_i \times C_i)}{10^8 \sum_i R_i},$$

where I denotes a plant; R_i = receipts for plant I;
A_i = average heat content for receipts at plant I;
U = unit conversion; and, C_i = cost in cents per million Btu for plant I.

Form EIA-861

Data for the Form EIA-861 are collected at the utility level from all electric utilities in the United States, its territories, and Puerto Rico. Form EIA-861 data in this publication are for the United States only. These data are then aggregated to provide geographic totals at the State, NERC region, Census division, and national level. Sources and disposition of data are also provided by utility class of ownership and retail consumer class of service. Average revenue (nominal dollars) per kilowatthour of electricity sold is calculated by dividing total annual retail revenue (nominal dollars) by the total annual retail sales of electricity.

Average revenue per kilowatthour is defined as the cost per unit of electricity sold and is calculated by dividing retail electric revenue by the corresponding sales of electricity. The average revenue per kilowatthour is calculated for all consumers and for each sector (residential, commercial, industrial, and other sales).

Electric utilities typically employ a number of rate schedules within a single sector. These alternative rate schedules reflect the varying consumption levels and patterns of consumers and their associated impact on the costs to the electric utility for providing electrical service. The average revenue per kilowatthour reported in this publication by sector represents a weighted average of consumer revenue and sales within that sector and across sectors for all consumers.

The electric revenue used to derive the average revenue per kilowatthour is the operating revenue reported by the electric utility. Operating revenue includes energy charges, demand charges, consumer service charges, environmental surcharges, fuel adjustments, and other miscellaneous charges.

Electric utility operating revenues cover, among other costs of service, State and Federal income taxes and taxes other than income taxes paid by the utility. The Federal component of these taxes are, for the most part, "payroll" taxes. State and local authorities tax the value of plant (property taxes), the amount of revenues (gross receipts taxes), purchases of materials and services (sales and use taxes), and a potentially long list of other items that vary extensively by taxing authority. Taxes deducted from employees' pay (such as Federal income taxes and employees' share of social security taxes) are not a part of the utility's "tax costs," but are paid to the taxing authorities in the name of the employees. These taxes are included in the utility's cost of service (for example, revenue requirements) and are included in the amounts recovered from consumers in rates and reported in operating revenues.

Electric utilities, like many other business enterprises, are required by various taxing authorities to collect and remit taxes assessed on their consumers. In this regard, the electric utility serves as an agent for the taxing authority. Taxes assessed on the consumer, such as a gross receipts tax or sales tax, are called "pass through" taxes. These taxes do not represent a cost to the utility and are not recorded in the operating revenues of the utility. However, taxing authorities differ as to whether a specific tax is assessed on the utility or the consumer—which, in turn, determines whether or not the tax is included in the operating revenue of the electric utility.

Form EIA-860A

Data from the Form EIA-860A are submitted at the generating unit level and are then aggregated to provide total capacity by energy source and geographic area. In addition, at the national level, data are aggregated by prime mover.

Estimated values for net summer and net winter capability for electric generating units were developed by use of a regression formula. The formula is used to estimate values for existing units where data are missing and for projected units. It was found that a zero-intercept linear regression works very well for estimating capability based on nameplate capacity. The only parameter then is the slope $(\hat{b})$ that is used to relate capacity to capability as follows: $\hat{y} = \hat{b}x$, where $\hat{y}$ is the estimated capability, and x is the known nameplate capacity. There will be a different value for $\hat{b}$ for different prime movers and for summer and winter capabilities and it will also depend upon the age of the generator. For more details see the *Inventory of Power Plants.*

Form EIA-860B

Gross electricity generation data from the Form EIA-860B, reported by generator, are aggregated to provide totals by energy source and geographic area. Nonutility power producers report gross electricity generated on the Form EIA-860B, unlike electric utilities that report net generation on various EIA and FERC forms. Nonutilities generally do not measure and record electrical consumption used solely for the production of electricity. Nonutility generators and associated auxiliary equipment are often an integral part of a manufacturing or other industrial process and individual watthour meters are not generally installed on auxiliary equipment.

Estimated values for net generation from nonutility power producers were developed by EIA using gross generation, prime mover, fuels, and type of air pollution control data reported on the Form EIA-860B. The difference between gross and net generation is the electricity consumed by auxiliary equipment and environmental control devices such as pumps, fans, coal pulverizers, particulate collectors, and flue gas desulfurization (FGD) units. The difference between gross and net generation is sometimes called parasitic load. In smaller power plants rotating auxiliaries are almost always electric motors. In large power plants that produce steam, rotating auxiliaries can be powered by either steam turbines or electric motors and sometimes both because of cold startup requirements.

This methodology for estimating net generation from gross generation is based on determining typical energy consumption for auxiliary electrical equipment associated with electrical generators. For instance, wind turbines have none of the auxiliaries common to a coal-burning power plant such as a coal pulverizers, fans, and emission controls. On the other hand, windfarms do consume electricity since automatic, computer-based control systems are used to control blade pitch and speed thereby affecting generator electricity output.

Shown below are the conversion factors used to estimated net generation by nonutility generators. The factors are typical of a modern electric power plant but could vary significantly between individual plants. Net generation is calculated by multiplying the appropriate conversion factor by the reported gross electrical generation.

Prime Mover Type	Gross-to-Net Generation Conversion Factor
Gas (Combustion) Turbine)	.98
Steam Turbine	.97[a]
Internal Combustion	.98
Wind Turbine	.99
Solar-Photovoltaic	.99
Hydraulic Turbine	.99
Fuel Cell	.99
Other	.97

[a]Factor reduced by .01 if the facility has flue gas particulate collectors and another .03 if the facility has flue gas desulfurization (FGD) equipment. Facilities under 25 megawatts and burning coal in traditional boilers (e.g., not fluidized bed boilers) are assumed to have particulate and FGD equipment.

These conversion factors were estimated by the staff of the Office of Coal, Nuclear, Electric and Alternate Fuels, Energy Information Administration. The primary reference used in developing the conversion factors was *Steam, Its Generation and Use*, 40th Edition, Babcock & Wilcox, Barberton, Ohio.

Average Heat Content

Heat content values (Table C1) collected on the FERC Form 423 were used to convert the consumption data from the Form EIA-759 into Btu. Respondents to FERC Form 423 represent a subset of all generating plants (steam plants with a capacity of 50 megawatts or larger), while Form EIA-759 respondents generally represent generating plants with a combined capacity of 25 or more megawatts. The results, therefore, may not be completely representative.

Quality of Data

The CNEAF office is responsible for routine data improvement and quality assurance activities. All operations in this office are done in accordance with formal standards established by the EIA. These standards are the measuring rod necessary for quality statistics. Data improvement efforts include verification of data-keyed input by automatic computerized methods, editing by subject matter specialists, and follow-up on nonrespondents. The CNEAF office supports the quality assurance efforts of the data collectors by providing advisory reviews of the structure of information requirements, and of proposed designs for new and revised data collection forms and systems. Once implemented, the actual performance of working data collection systems is also validated. Computerized respondent 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 a mandatory EIA data form. Before invoking the law, the EIA tries to obtain the required information by encouraging cooperation of nonrespondents.

Completed forms received by the CNEAF office are sorted, screened for completeness of reported information, and keyed onto computer tapes for storage and transfer to random access data bases for computer processing. The information coded on the computer tapes is manually spot-checked against the forms to certify accuracy of the tapes. To ensure the quality standards established by the EIA, formulas that use the past history of data values in the data base have been designed and implemented to check data input for errors automatically. Data values that fall outside the ranges prescribed in the formulas are verified by telephoning respondents to resolve any discrepancies.

Conceptual problems affecting the quality of data are discussed in the report, *An Assessment of the Quality of Selected EIA Data Series: Electric Power Data*. This report is published by the Energy Information Administration (Office of Statistical Standards). See item 2 in Appendix A.

Data Precision

Monthly sample survey data have both sampling and nonsampling errors. Sampling errors may be expected since all data are not collected and, therefore, must be mathematically estimated. (Note that the annual series for a monthly sample is not subject to sampling error because it is a census). Nonsampling errors are the result of incorrect allocation of data (for example, transcriptions or misclassifications) and can be difficult to control and estimate. A study of coefficients of variance and data revisions was conducted so that the appropriate levels of precision, based on the accuracy and completeness of the data from which the estimates are derived, is provided in this report for average revenue per kilowatthour of electricity sold. It was judged that three significant digits are justified for average revenue per kilowatthour of electricity sold at the U.S. level except for monthly data prior to 1990 where two significant digits are more appropriate.

Data Imputation

It may become necessary (as in March and April 1996 FERC Form 423 data) to impute for some data, even if a 100-percent census is normally collected without incident. In such cases, a modeling approach, similar to what is done for the Form EIA-826, can be implemented. The estimation methodologies for model sampling and model imputation are identical.

Data Editing System

Data from the form surveys are edited on a monthly basis using automated systems. The edit includes both deterministic checks, in which records are checked for the presence of required fields and their validity; and statistical checks, in which estimation techniques are used to validate data according to their behavior in the past and in comparison to other current fields. When all data have passed the edit process, the system builds monthly master files, which are used as input to the *EPM*.

Confidentiality of the Data

In general, the data collected on the forms used for input to this report are not confidential. However, data from the Form EIA-900, "Monthly Sales for Resale," and from the Form EIA-867, "Annual Nonutility Power Producers," are considered confidential and must adhere to EIA's "Policy on the Disclosure of Individually Identifiable Energy Information in the Possession of the EIA" (45Federal Register 59812 (1980)).

Rounding Rules for Data

Given a 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 (*).

Data Correction Procedure

The Office of Coal, Nuclear, Electric and Alternate Fuels has adopted the following policy with respect to the revision and correction of recurrent data in energy publications:

1. Annual survey data collected by this office are published either as preliminary or final when first appearing in a data report. Data initially released as preliminary will be so noted in the report. These data will be revised, if necessary, and declared final in the next publication of the data.

2. All monthly and quarterly survey data collected by this office are published as preliminary. These data are revised only after the completion of the 12-month cycle of the data. No revisions are made to the published data before this.

3. The magnitudes of changes due to revisions experienced in the past will be included in the data reports, so that the reader can assess the accuracy of the data.

4. After data are published as final, corrections will be made only in the event of a greater than one percent difference at the national level. Corrections for differences that are less than the before-mentioned threshold are left to the discretion of the Office Director. Note that in this discussion, changes or revisions are referred to as "errors."

In accordance with policy statement number 3, the mean value (unweighted average) for the absolute values of the 12 monthly revisions of each item are provided at the U.S. level for the past 4 years (Table C2). For example, the mean of the 12 monthly absolute errors (absolute differences between preliminary and final monthly data) for coal-fired generation in 1995 was 49. That is, on average, the absolute value of the change made each month to coal-fired generation was 49 million kilowatthours.

The U.S. total net summer capability, updated monthly in the EPM (Table 1), is based solely on new electric generating units and retirements which come to the attention of the EIA during the year through telephone calls with electric utilities and on the Form EIA-759, "Monthly Power Plant Report," and may not include all activity for the month. Data on net summer capability, including new electric generating units, are collected annually on the Form EIA-860A, "Annual Electric Generator Report – Utility," and Form 860B "Annual Electric Generator Report – Nonutility."

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.

Table C1. Average Heat Content of Fossil-Fuel Receipts, December 1998

Census Division and State	Coal[1] (Btu per ton)	Petroleum[1] (Btu per barrel)	Gas[1] (Btu per thousand cubic feet)
New England	**26,123,424**	**6,392,103**	**1,024,926**
Connecticut	25,922,806	6,412,490	1,025,657
Maine	—	6,351,993	—
Massachusetts	25,886,644	6,381,558	1,024,876
New Hampshire	26,316,198	6,414,190	—
Rhode Island	—	—	—
Vermont	—	5,717,460	1,012,000
Middle Atlantic	**25,034,744**	**6,266,962**	**1,029,679**
New Jersey	25,856,708	6,206,965	1,040,645
New York	26,007,110	6,310,002	1,029,060
Pennsylvania	24,754,990	6,079,587	1,035,773
East North Central	**21,229,302**	**6,026,025**	**750,927**
Illinois	19,386,776	6,247,543	1,022,367
Indiana	21,236,832	5,780,777	1,030,943
Michigan	21,327,340	6,215,612	[a] 543,778
Ohio	23,790,688	5,778,545	1,026,130
Wisconsin	18,327,853	5,872,491	1,014,340
West North Central	**16,624,004**	**5,838,195**	**1,019,246**
Iowa	17,036,130	5,764,028	1,006,285
Kansas	17,447,110	5,883,433	1,023,020
Minnesota	17,870,408	5,754,000	1,023,132
Missouri	17,706,628	5,808,894	1,008,988
Nebraska	17,138,922	5,801,880	991,143
North Dakota	13,143,288	5,801,582	—
South Dakota	17,526,000	—	—
South Atlantic	**24,495,665**	**6,329,899**	**1,053,045**
Delaware	26,179,770	6,299,822	942,413
District of Columbia	—	—	—
Florida	24,114,844	6,352,475	1,060,109
Georgia	23,316,940	5,816,868	1,024,000
Maryland	25,768,142	6,314,362	1,041,581
North Carolina	24,882,656	5,808,100	1,050,000
South Carolina	25,565,412	5,813,461	1,024,000
Virginia	25,294,179	6,277,788	1,047,088
West Virginia	24,646,027	5,853,786	1,000,000
East South Central	**23,235,311**	**6,574,000**	**1,036,421**
Alabama	23,100,386	5,813,777	1,040,482
Kentucky	23,197,126	5,847,613	1,025,000
Mississippi	21,779,014	6,641,900	1,036,603
Tennessee	23,700,086	5,875,800	—
West South Central	**15,545,379**	**6,413,842**	**1,030,622**
Arkansas	17,384,932	5,925,675	1,017,000
Louisiana	16,068,713	6,548,022	1,050,227
Oklahoma	17,355,196	5,775,000	1,038,312
Texas	14,843,778	5,796,000	1,024,201
Mountain	**19,358,942**	**5,815,852**	**1,025,711**
Arizona	20,293,496	5,945,870	1,019,110
Colorado	19,564,612	—	988,623
Idaho	—	—	—
Montana	16,793,323	5,922,000	1,044,488
Nevada	22,365,626	5,842,620	1,043,796
New Mexico	18,098,462	5,712,000	1,012,538
Utah	22,729,360	5,831,443	1,047,000
Wyoming	17,650,086	5,823,127	1,044,000
Pacific Contiguous	**16,586,794**	**6,047,380**	**1,021,209**
California	—	6,083,994	1,023,196
Oregon	16,860,726	5,880,000	1,011,000
Washington	16,477,786	5,880,000	—
Pacific Noncontiguous	**—**	**6,274,098**	**1,000,000**
Alaska	—	—	1,000,000
Hawaii	—	6,274,098	—
U.S. Average	**20,398,406**	**6,325,423**	**1,023,663**

[1] Data represents weighted values.

[a] Consists mostly of blast furnace gas which has a heat content of 70,0 Btu per thousand cubic feet.

Note: Data for 1998 are preliminary.

Source: Federal Energy Regulatory Commission, FERC Form 423, ''Monthly Report of Cost and Quality of Fuels for Electric Plants.''

Table C2. Comparison of Preliminary Versus Final Published Data at the U.S. Level, 1993 Through 1997

Item	Mean Absolute Value of Change				
	1993	1994	1995	1996	1997
Nonutility					
Sales for Resale (million kilowatthours)	NA	NA	NA	546	NA
Utility					
Generation (million kilowatthours)					
Coal	28	34	49	162	201
Petroleum	3	25	6	64	53
Gas	18	29	38	84	168
Hydroelectric	10	6	6	298	325
Nuclear	0	96	0	4	65
Other[1]	0	1	0	0	0
Total	26	113	11	462	285
Consumption					
Coal (thousand short tons)	53	10	27	105	169
Petroleum (thousand barrels)	10	13	1	94	43
Gas (million cubic feet)	327	470	300	899	1,243
Stocks[2]					
Coal (thousand short tons)	209	124	310	233	501
Petroleum (thousand barrels)	203	81	239	201	130
Retail Sales (million kilowatthours)					
Residential	31	115	79	345	NA
Commercial	59	397	780	476	NA
Industrial	175	806	141	1,129	NA
Other[3]	96	24	167	267	NA
Total	219	602	694	1,153	NA
Revenue (million dollars)					
Residential	3	14	17	2	NA
Commercial	3	31	51	29	NA
Industrial	7	51	23	46	NA
Other[3]	5	4	5	1	NA
Total	11	49	22	46	NA
Average Revenue per Kilowatthour (cents)[4]					
Residential	.03	.01	.01	.03	NA
Commercial	.03	.01	.01	.01	NA
Industrial	.03	.02	.03	.01	NA
Other[3]	.05	.04	.20	.22	NA
Total	.03	.01	.01	.01	NA
Receipts					
Coal (thousand short tons)	20	27	34	61	NA
Petroleum (thousand barrels)	15	28	2	77	NA
Gas (million cubic feet)	315	211	227	566	NA
Cost (cents per million Btu)[4]					
Coal	.14	.08	.10	.06	NA
Petroleum	*	.01	.01	.01	NA
Gas	.06	.04	.15	.87	NA

1 Includes geothermal, wood, waste, wind, and solar.
2 Stocks are end of month values.
3 Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.
4 Data represents weighted values.
* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.
NA = Not available.

Notes: •Change refers to the difference between estimates or preliminary monthly data published in the *Electric Power Monthly* (EPM) and the final monthly data published in the EPM. •Mean absolute value of change is the unweighted average of the absolute changes.

Sources: •Energy Information Administration: Form EIA-900, ''Nonutility Sales for Resale Report''; Form EIA-759, ''Monthly Power Plant Report''; Form EIA-826, ''Monthly Electric Utility Sales and Revenue Report with State Distributions''; and Form EIA-861, ''Annual Electric Utility Report.''

Table C3. Unit-of-Measure Equivalents for Electricity

Unit	Equivalent
Kilowatt (kW)	1,000 (One Thousand) Watts
Megawatt (MW)	1,000,000 (One Million) Watts
Gigawatt (GW)	1,000,000,000 (One Billion) Watts
Terawatt (TW)	1,000,000,000,000 (One Trillion) Watts
Gigawatt	1,000,000 (One Million) Kilowatts
Thousand Gigawatts	1,000,000,000 (One Billion) Kilowatts
Kilowatthours (kWh)	1,000 (One Thousand) Watthours
Megawatthours (MWh)	1,000,000 (One Million) Watthours
Gigawatthours (GWh)	1,000,000,000 (One Billion) Watthours
Terawatthours (TWh)	1,000,000,000,000 (One Trillion) Watthours
Gigawatthours	1,000,000 (One Million) Kilowatthours
Thousand Gigawatthours	1,000,000,000 (One Billion) Kilowatthours

Source: Energy Information Administration.

Table C4. Comparison of Sample Versus Census Published Data at the U.S. Level, 1996 and 1997

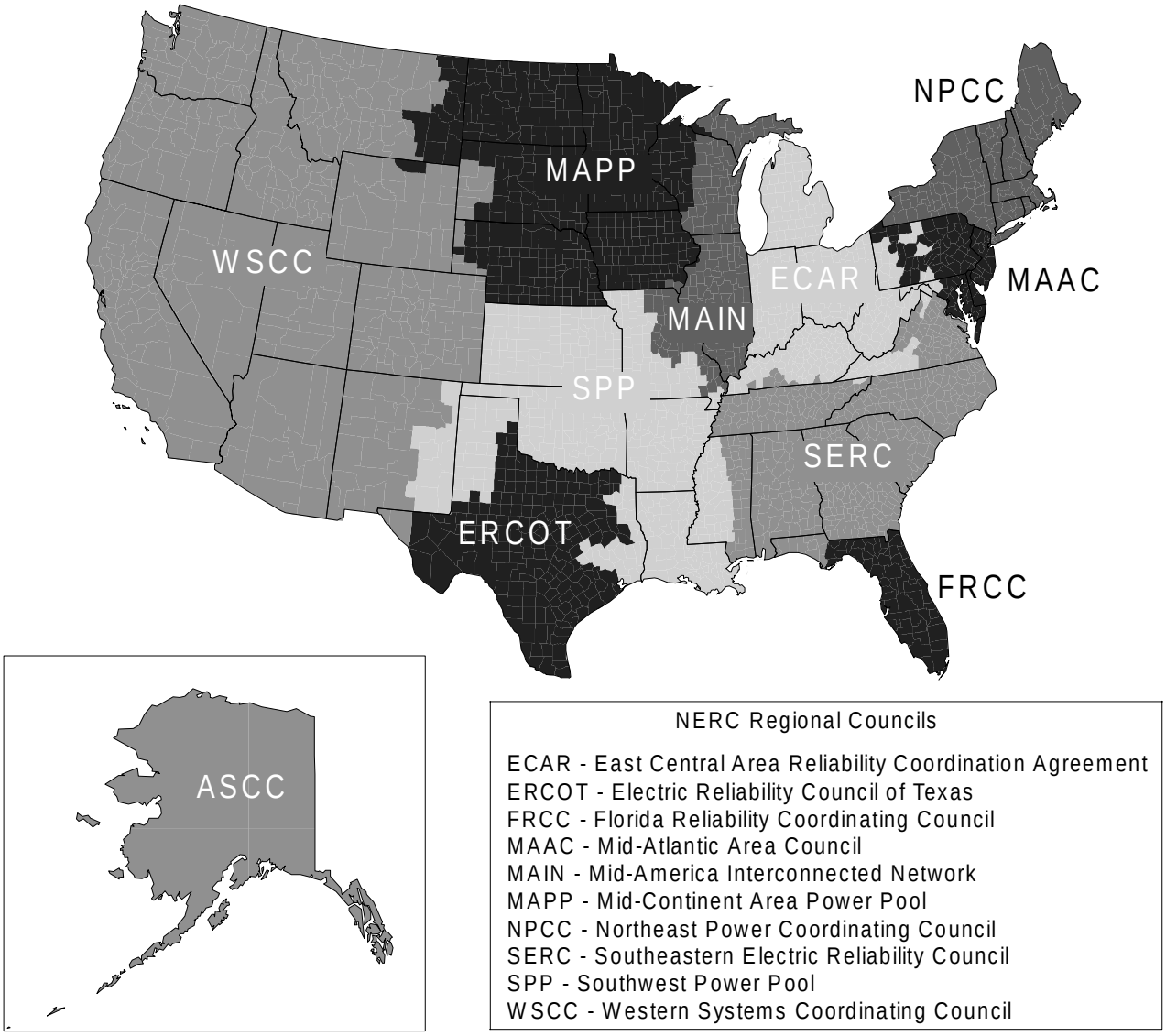
Item	1996			1997		
	Sample	Census	Difference (Percent)	Sample	Census	Difference (Percent)
Nonutility						
Sales for Resale (million kilowatthours)	219,549	224,646	*	222,367	NA	NA
Utility						
Generation (million kilowatthours)						
Coal	1,735,943	1,737,453	0.1	1,788,733	1,787,806	–0.1
Petroleum	66,261	65,695	–.9	75,570	74,372	–1.6
Gas	263,262	262,730	–.2	283,603	283,625	*
Other[1]	1,012,475	1,011,564	–.1	977,618	976,720	–.1
Total	**3,077,940**	**3,077,442**	*****	**3,125,524**	**3,122,523**	**–.10**
Consumption						
Coal (1,000 short tons)	873,681	874,681	.1	898,460	900,361	.2
Petroleum (1,000 barrels)	114,788	113,274	–1.3	128,254	125,146	–2.5
Gas (1,000 Mcf)	2,736,552	2,732,107	–.2	2,962,375	2,968,453	.2
Stocks[2]						
Coal (1,000 short tons)	114,623	114,623	*	98,261	98,826	.6
Petroleum (1,000 barrels)	47,507	47,690	.4	48,570	48,792	.5
Retail Sales (million kilowatthours)						
Residential	1,078,355	1,082,491	.4	1,071,563	NA	NA
Commercial	888,066	887,425	–.1	913,265	NA	NA
Industrial	1,016,807	1,030,356	1.3	1,035,700	NA	NA
Other[3]	100,741	97,539	–3.3	98,544	NA	NA
All Sectors	**3,083,970**	**3,097,810**	**.40**	**3,119,072**	**NA**	**NA**
Revenue (million dollars)						
Residential	90,510	90,501	*	90,653	NA	NA
Commercial	67,822	67,827	*	69,767	NA	NA
Industrial	46,833	47,385	1.2	47,159	NA	NA
Other[3]	6,735	6,741	.1	6,737	NA	NA
All Sectors	**211,900**	**212,455**	**.30**	**214,317**	**NA**	**NA**
Average Revenue per Kilowatthour (cents)[4]						
Residential	8.39	8.36	–.4	8.46	NA	NA
Commercial	7.64	7.64	.1	7.64	NA	NA
Industrial	4.61	4.60	–.2	4.55	NA	NA
Other[3]	6.69	6.91	3.3	6.84	NA	NA
All Sectors	**6.87**	**6.86**	**–.20**	**6.87**	**NA**	**NA**

1 Includes geothermal, wood, waste, wind, and solar.
2 Stocks are end-of-month values.
3 Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.
4 Data represent weighted values.
* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.
NA = Not available.

Notes: •The average revenue per kilowatthour is calculated by dividing revenue by sales. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding.

Sources: Energy Information Administration, Form EIA-900, ''Nonutility Sales for Resale Report;'' Form EIA-867, ''Annual Nonutility Power Producer Report;'' Form EIA-759, ''Monthly Power Plant Report;'' Form EIA-861, ''Annual Electric Utility Report;'' Form EIA-826, ''Monthly Electric Utility Sales and Revenue Report with State Distributions.''

Figure C1. North American Electric Reliability Council Regions for the Contiguous United States and Alaska



Note: The Alaska Systems Coordinating Council (ASCC) is an affiliate NERC member.
Source: Energy Information Administration, Office of Coal, Nuclear, Electric and Alternate Fuels.

Table C5. Estimated Coefficients of Variation for Electric Utility Net Generation by State, January 1999

(Percent)

State	Coal	Petroleum	Gas	Hydroelectric	Nuclear	Other[1]
Alabama	0.0	0.0	0.0	0.0	0.0	—
Alaska	.0	3.7	.2	15.2	—	—
Arizona	.0	.0	.0	.0	.0	—
Arkansas	.0	.0	2.8	.8	.0	—
California	—	5.2	2.7	.1	.0	0.0
Colorado	.0	13.3	.7	.3	—	.0
Connecticut	.0	.1	.0	1.1	.0	.0
Delaware	.0	.2	.0	—	—	—
District of Columbia	—	.0	—	—	—	—
Florida	.0	.0	.0	.0	.0	—
Georgia	.0	.0	.9	.4	.0	—
Hawaii	—	1.6	—	.0	—	—
Idaho	—	.0	—	.3	—	—
Illinois	.0	.7	.3	.0	.0	.0
Indiana	.0	.1	.2	.0	—	—
Iowa	.0	4.0	4.8	.2	.0	.0
Kansas	.0	2.4	8.4	—	.0	—
Kentucky	.8	4.1	4.0	1.1	—	—
Louisiana	.0	.0	.1	—	.0	—
Maine	—	.0	—	1.2	.0	.0
Maryland	.0	.8	.3	.0	.0	—
Massachusetts	.0	51.7	4.1	7.9	.0	—
Michigan	.2	1.1	1.7	5.6	.0	—
Minnesota	.3	.1	4.5	3.0	.0	.0
Mississippi	.9	.6	.5	—	.0	—
Missouri	.6	4.0	21.3	.1	.0	.0
Montana	.0	.0	.0	.0	—	—
Nebraska	.0	2.6	4.8	.0	.0	.0
Nevada	.0	.0	.0	.0	—	—
New Hampshire	.0	.0	.0	.0	.0	—
New Jersey	.0	.0	.0	.0	.0	—
New Mexico	.6	.0	.0	.0	—	—
New York	.0	.1	.2	.0	.0	.0
North Carolina	.0	.0	.0	.0	.0	—
North Dakota	.0	.0	.0	.0	—	—
Ohio	.0	.2	1.3	.0	.0	—
Oklahoma	.0	1.7	.1	.0	—	—
Oregon	.0	.0	.0	.0	—	.0
Pennsylvania	.0	.0	.0	.9	.0	—
Rhode Island	—	.0	—	—	—	—
South Carolina	.0	.0	.0	.3	.0	—
South Dakota	.0	.0	.0	.0	—	—
Tennessee	.0	.0	.0	.0	.0	—
Texas	.0	.1	.1	1.9	.0	.0
Utah	.0	3.0	38.1	2.3	—	.0
Vermont	—	7.0	.0	3.7	.0	.0
Virginia	.0	.0	.0	2.3	.0	.0
Washington	.0	.0	.0	.0	.0	.0
West Virginia	.0	.0	.0	.0	—	—
Wisconsin	.0	.4	1.0	5.1	.0	.0
Wyoming	.0	.0	.0	.2	—	—

[1] Includes geothermal, wood, wind, waste, and solar.

Notes: •For an explanation of coefficients of variation, see the technical notes. •Estimates for 1999 are preliminary.

Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Table C6. Estimated Coefficients of Variation for Electric Utility Fuel Consumption and Stocks by State, January 1999

(Percent)

State	Consumption			Stocks	
	Coal	Petroleum	Gas	Coal	Petroleum
Alabama	0.0	0.0	0.0	0.0	0.0
Alaska	.0	3.3	.4	.0	18.1
Arizona	.0	.0	.0	.0	.0
Arkansas	.0	.0	5.4	.0	.0
California	—	4.3	2.1	—	1.5
Colorado	.0	1.6	.5	.1	.8
Connecticut	.0	.1	.0	.0	.1
Delaware	.0	.1	.0	.0	.0
District of Columbia	—	.0	—	—	.0
Florida	.0	.0	.0	.0	.0
Georgia	.0	.0	.8	.0	.0
Hawaii	—	1.8	—	—	.9
Idaho	—	.0	—	—	.0
Illinois	.0	1.3	.2	.0	.3
Indiana	.0	.1	.3	.0	.2
Iowa	.0	3.0	6.0	.1	4.0
Kansas	.0	3.4	8.1	.0	4.9
Kentucky	.8	3.3	4.1	1.9	1.3
Louisiana	.0	.0	.1	.0	.0
Maine	—	.1	—	—	.0
Maryland	.0	.1	.3	.0	.2
Massachusetts	.0	72.8	4.5	.0	410.3
Michigan	.2	1.2	3.3	.4	.1
Minnesota	.4	1.2	5.9	.5	1.2
Mississippi	.1	.6	.3	.4	.3
Missouri	.6	4.2	17.9	.8	2.1
Montana	.0	.0	.0	.0	.0
Nebraska	.0	2.7	1.8	.0	4.2
Nevada	.0	.0	.0	.0	.0
New Hampshire	.0	.0	.0	.0	.0
New Jersey	.0	.0	.0	.0	.0
New Mexico	.5	.0	.0	.2	.0
New York	.0	.1	.2	.0	.0
North Carolina	.0	.0	.0	.0	.0
North Dakota	.0	.0	.0	.0	.0
Ohio	.0	.3	1.5	.0	.2
Oklahoma	.0	1.8	.1	.0	.3
Oregon	.0	.0	.0	.0	.0
Pennsylvania	.0	.1	.0	.0	.0
Rhode Island	—	.0	—	—	.0
South Carolina	.0	.0	.0	.0	.0
South Dakota	.0	.0	.0	.0	.0
Tennessee	.0	.0	.0	.0	.0
Texas	.0	.1	.1	.0	.1
Utah	.0	5.8	29.8	.0	1.1
Vermont	—	7.0	.0	—	4.0
Virginia	.0	.0	.1	.0	.0
Washington	.0	.0	.0	.0	.0
West Virginia	.0	.0	.0	.0	.0
Wisconsin	.0	.4	1.1	.1	.4
Wyoming	.0	.0	.0	.0	.0

Notes: •For an explanation of coefficients of variation, see the technical notes. •Estimates for 1999 are preliminary.
Source: Energy Information Administration, Form EIA-759, ''Monthly Power Plant Report.''

Glossary

Ampere: The unit of measurement of electrical current produced in a circuit by 1 volt acting through a resistance of 1 ohm.

Anthracite: A hard, black lustrous coal, often referred to as hard coal, containing a high percentage of fixed carbon and a low percentage of volatile matter. Comprises three groups classified according to the following ASTM Specification D388-84, on a dry mineral-matter-free basis:

	Fixed Carbon Limits		Volatile Matter	
	GE	LT	GT	LE
Meta-Anthracite	98	-	-	2
Anthracite	92	98	2	8
Semianthracite	86	92	8	14

Average Revenue per Kilowatthour: The average revenue per kilowatthour of electricity sold by sector (residential, commercial, industrial, or other) and geographic area (State, Census division, and national), is calculated by dividing the total monthly revenue by the corresponding total monthly sales for each sector and geographic area.

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 rate.

Baseload Capacity: The generating equipment normally operated to serve loads on an around-the-clock basis.

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.

Bcf: The abbreviation for 1 billion cubic feet.

Bituminous Coal: The most common coal. It is dense and black (often with well-defined bands of bright and dull material). Its moisture content usually is less than 20 percent. It is used for generating electricity, making coke, and space heating. Comprises five groups classified according to the following ASTM Specification D388-84, on a dry mineral-matter-free (mmf) basis for fixed-carbon and volatile matter and a moist mmf basis for calorific value.

	Fixed Carbon Limits		**Volatile Matter Limits**		**Calorific Value Limits** Btu / lb	
	GE	LT	GT	LT	GE	LE
LV	78	86	14	22	-	-
MV	69	78	22	31	-	-
HVA	-	69	31	-	14000	-
HVB	-	-	-	-	13000	14000
HVC	-	-	-	-	10500	13000

LV = Low-volatile bituminous coal
MV = Medium-volatile bituminous coal
HVA = High-volatile A bituminous coal
HVB = High-volatile B bituminous coal
HVC = High-volatile C bituminous coal

Boiler: A device for generating steam for power, processing, or heating purposes or for producing hot water for heating purposes or hot water supply. Heat from an external combustion source is transmitted to a fluid contained within the tubes in the boiler shell. This fluid is delivered to an end-use at a desired pressure, temperature, and quality.

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 full-load continuous rating of a generator, prime mover, or other electric equipment under specified conditions as designated by the manufacturer. It is usually indicated on a nameplate attached to the equipment.

Capacity (Purchased): The amount of energy and capacity available for purchase from outside the system.

Census Divisions: The nine geographic divisions of the United States established by the Bureau of the Census, U.S. Department of Commerce, for the purpose of statistical analysis. The boundaries of Census divisions coincide with State boundaries. The Pacific Division is subdivided into the Pacific Contiguous and Pacific Noncontiguous areas.

Circuit: A conductor or a system of conductors through which electric current flows.

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.

Coincidental Demand: The sum of two or more demands that occur in the same time interval.

Coincidental Peak Load: The sum of two or more peak loads that occur in the same time interval.

Coke (Petroleum): 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 (42 U.S. gallons each) per short ton.

Combined Pumped-Storage Plant: A pumped-storage hydroelectric power plant that uses both pumped water and natural streamflow to produce electricity.

Commercial Operation: Commercial operation begins when control of the loading of the generator is turned over to the system dispatcher.

Compressor: A pump or other type of machine using a turbine to compress a gas by reducing the volume.

Consumption (Fuel): The amount of fuel used for gross generation, providing standby service, start-up and / or flame stabilization.

Contract Receipts: Purchases based on a negotiated agreement that generally covers a period of 1 or more years.

Cost: The amount paid to acquire resources, such as plant and equipment, fuel, or labor services.

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.

Current (Electric): A flow of electrons in an electrical conductor. The strength or rate of movement of the electricity is measured in amperes.

Demand (Electric): 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.

Demand Interval: The time period during which flow of electricity is measured (usually in 15-, 30-, or 60-minute increments.)

Electric Plant (Physical): A facility containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and / or fission energy into electric energy.

Electric Utility: An enterprise that is engaged in the generation, transmission, or distribution of electric energy primarily for use by the public and that is the major power supplier within a designated service area. Electric utilities include investor-owned, publicly owned, cooperatively owned, and government-owned (municipals, Federal agencies, State projects, and public power districts) systems.

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.

Energy Deliveries: Energy generated by one electric utility system and delivered to another system through one or more transmission lines.

Energy Receipts: Energy generated by one electric utility system and received by another system through one or more transmission lines.

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.

Failure or Hazard: Any electric power supply equipment or facility failure or other event that, in the judgment of the reporting entity, constitutes a hazard to maintaining the continuity of the bulk electric power supply system such that a load reduction action may become necessary and a reportable outage may occur. The imposition of a special operating procedure, the extended purchase of emergency power, other bulk power system actions that may be caused by a natural disaster, a major equipment failure that would impact the bulk power supply, and an environmental and/or regulatory action requiring equipment outages are types of abnormal conditions that should be reported.

Firm Gas: Gas sold on a continuous and generally long-term contract.

Fossil Fuel: Any naturally occurring organic fuel, such as petroleum, coal, 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 Emergencies: An emergency that exists when supplies of fuels or hydroelectric storage for generation are at a level or estimated to be at a level that would threaten the reliability or adequacy of bulk electric power supply. The following factors should be taken into account to determine that a fuel emergency exists: (1) Fuel stock or hydroelectric project water storage levels are 50 percent or less of normal for that particular time of the year and a continued downward trend in fuel stock or hydroelectric project water storage level are estimated; or (2) Unscheduled dispatch or emergency generation is causing an abnormal use of a particular fuel type, such that the future supply or stocks of that fuel could reach a level which threatens the reliability or adequacy of bulk electric power supply.

Gas: A fuel burned under boilers and by internal combustion engines for electric generation. These include natural, manufactured and waste gas.

Generation (Electricity): The process of producing electric energy by transforming other forms of energy; also, the amount of electric energy produced, expressed in watthours (Wh).

Gross Generation: The total amount of electric energy produced by the generating units at a generating station or stations, measured at the generator terminals.

Net Generation: Gross generation less the electric energy consumed at the generating station for station use.

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 electric power production equipment under specific conditions as designated by the manufacturer. Installed generator nameplate rating is usually indicated on a nameplate physically attached to the generator.

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.

Gigawatthour (GWh): One billion watthours.

Gross Generation: The total amount of electric energy produced by a generating facility, as measured at the generator terminals.

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.

Hydroelectric Plant: A plant in which the turbine generators are driven by falling water.

Instantaneous Peak Demand: The maximum demand at the instant of greatest load.

Integrated Demand: The summation of the continuously varying instantaneous demand averaged over a specified interval of time. The information is usually determined by examining a demand meter.

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.

Interruptible Gas: Gas sold to customers with a provision that permits curtailment or cessation of service at the discretion of the distributing company under certain circumstances, as specified in the service contract.

Kilowatt (kW): One thousand watts.

Kilowatthour (kWh): One thousand watthours.

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.

Lignite: A brownish-black coal of low rank with high inherent moisture and volatile matter (used almost exclusively for electric power generation). It is also referred to as brown coal. Comprises two groups classified according to the following ASTM Specification D388-84 for calorific values on a moist material-matter-free basis:

	Limits Btu / lb.	
	GE	LT
Lignite A	6300	8300
Lignite B	-	6300

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.

Megawatthour (MWh): One million watthours.

MMcf: One million cubic feet.

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 Energy for Load: Net generation of main generating units that are system-owned or system-operated plus energy receipts minus energy deliveries.

Net Generation: Gross generation minus plant use from all electric utility owned plants. The energy required for pumping at a pumped-storage plant is regarded as plant use and must be deducted from the gross generation.

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 of summer peak demand.

Noncoincidental Peak Load: The sum of two or more peak loads on individual systems that do not occur in the same time interval. Meaningful only when considering loads within a limited period of time, such as a day, week, month, a heating or cooling season, and usually for not more than 1 year.

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. The NERC Regions are:

ASCC – Alaskan System Coordination Council
ECAR – East Central Area Reliability Coordination Agreement
ERCOT – Electric Reliability Council of Texas
FRCC – Florida Reliability Coordinating Council
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 facility in which heat produced in a reactor by the fissioning of nuclear fuel is used to drive a steam turbine.

Off-Peak Gas: Gas that is to be delivered and taken on demand when demand is not at its peak.

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.

Operable Nuclear Unit: A nuclear unit is "operable" after it completes low-power testing and is granted authorization to operate at full power. This occurs 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.

Other Generation: Electricity originating from these sources: biomass, fuel cells, geothermal heat, solar power, waste, wind, and wood.

Other Unavailable Capability: Net capability of main generating units that are unavailable for load for reasons other than full-forced outrage or scheduled maintenance. Legal restrictions or other causes make these units unavailable.

Peak Demand: 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 reserved for operation 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 an around-the-clock basis.

Percent Difference: The relative change in a quantity over a specified time period. It is calculated as follows: the current value has the previous value subtracted from it; this new number is divided by the absolute value of the previous value; then this new number is multiplied by 100.

Petroleum: A mixture of hydrocarbons existing in the liquid state found in natural underground reservoirs, often associated with gas. Petroleum includes fuel oil No. 2, No. 4, No. 5, No. 6; topped crude; Kerosene; and jet fuel.

Petroleum Coke: See Coke (Petroleum).

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.

Plant: A facility at which are located prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or nuclear energy into electric energy. A plant may contain more than one type of prime mover. Electric utility plants exclude facilities that satisfy the definition of a 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 pumped-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.

Power: The rate at which energy is transferred. Electrical energy is usually measured in watts. Also used for a measurement of capacity.

Price: The amount of money or consideration-in-kind for which a service is bought, sold, or offered for sale.

Prime Mover: The motive force that drives an electric generator (e.g., steam engine, turbine, or water wheel).

Production (Electric): Act or process of producing electric energy from other forms of energy; also, the amount of electric energy expressed in watthours (Wh).

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.

Qualifying Facility (QF): This is a cogenerator or small power producer that meets certain ownership, operating and efficiency criteria established by the Federal Energy Regulatory Commission (FERC) pursuant to the PURPA, and has filed with the FERC for QF status or has self-certified. For additional information, see the Code of Federal Regulation, Title 18, Part 292.

Railroad and Railway Electric Service: Electricity supplied to railroads and interurban and street railways, for general railroad use, including the propulsion of cars or locomotives, where such electricity is supplied under separate and distinct rate schedules.

Receipts: Purchases of fuel.

Reserve Margin (Operating): The amount of unused available capability of an electric power system at peak load for a utility system as a percentage of total capability.

Restoration Time: The time when the major portion of the interrupted load has been restored and the emergency is considered to be ended. However, some of the loads interrupted may not have been restored due to local problems.

Restricted-Universe Census: This is the complete enumeration of data from a specifically defined subset of entities including, for example, those that exceed a given level of sales or generator nameplate capacity.

Retail: Sales covering electrical energy supplied for residential, commercial, and industrial end-use purposes. Other small classes, such as agriculture and street lighting, also are included in this category.

Running and Quick-Start Capability: The net capability of generating units that carry load or have quick-start capability. In general, quick-start capability refers to generating units that can be available for load within a 30-minute period.

Sales: The amount of kilowatthours sold in a given period of time; usually grouped by classes of service, such as residential, commercial, industrial, and other. Other sales include public street and highway lighting, other sales to public authorities and railways, and interdepartmental sales.

Sales for Resale: Energy supplied to other electric utilities, cooperatives, municipalities, and Federal and State electric agencies for resale to ultimate consumers.

Scheduled Outage: The shutdown of a generating unit, transmission line, or other facility, for inspection or maintenance, in accordance with an advance schedule.

Short Ton: A unit of weight equal to 2,000 pounds.

Spot Purchases: A single shipment of fuel or volumes of fuel, purchased for delivery within 1 year. Spot purchases are often made by a user to fulfill a certain portion of energy requirements, to meet unanticipated energy needs, or to take advantage of low-fuel prices.

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.

Standby Service: Support service that is available, as needed, to supplement a consumer, a utility system, or to another utility if a schedule or an agreement authorizes the transaction. The service is not regularly used.

Steam-Electric Plant (Conventional): A plant in which the prime mover is a steam turbine. The steam used to drive the turbine is produced in a boiler where fossil fuels are burned.

Stocks: A supply of fuel accumulated for future use. This includes coal and fuel oil stocks at the plant site, in coal cars, tanks, or barges at the plant site, or at separate storage sites.

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.

Substation: Facility equipment that switches, changes, or regulates electric voltage.

Sulfur: One of the elements present in varying quantities in coal which contributes to environmental degradation when coal is burned. In terms of sulfur content by weight, coal is generally classified as low (less than or

equal to 1 percent), medium (greater than 1 percent and less than or equal to 3 percent), and high (greater than 3 percent). Sulfur content is measured as a percent by weight of coal on an "as received" or a "dry" (moisture-free, usually part of a laboratory analysis) basis.

Switching Station: Facility equipment used to tie together two or more electric circuits through switches. The switches are selectively arranged to permit a circuit to be disconnected, or to change the electric connection between the circuits.

System (Electric): Physically connected generation, transmission, and distribution facilities operated as an integrated unit under one central management, or operating supervision.

Transformer: An electrical device for changing the voltage of alternating current.

Transmission: The movement or transfer of electric energy over an interconnected group of lines and associated equipment between points of supply and points at which it is transformed for delivery to consumers, or is delivered to other electric systems. Transmission is considered to end when the energy is transformed for distribution to the consumer.

Transmission System (Electric): An interconnected group of electric transmission lines and associated equipment for moving or transferring electric energy in bulk between points of supply and points at which it is transformed for delivery over the distribution system lines to consumers, or is delivered to other electric systems.

Turbine: A machine for generating rotary mechanical power from the energy of 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.

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.

Watthour (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.

Wheeling Service: The movement of electricity from one system to another over transmission facilities of inter-vening systems. Wheeling service contracts can be established between two or more systems.

Year to Date: The cumulative sum of each month's value starting with January and ending with the current month of the data.