

# **Electric Power Monthly September 1999**

**With Data for June 1999**

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

# Contacts

The *Electric Power Monthly* is prepared by the U.S. Department of Energy's Energy Information Administration. Questions and comments concerning the contents of the *Electric Power Monthly* may be directed to:

Mr. Melvin Johnson, Project Leader  
 Energy Information Administration, EI-53.1  
 U.S. Department of Energy  
 Washington, DC, 20585

Telephone number: (202)426-1172  
 Internet E-Mail number: MELVIN.JOHNSON@EIA.DOE.GOV

or the following subject specialists:

Subject	Contact	Phone Number	Internet E-Mail
Electricity Supply and Demand Forecast	Rebecca McNerney	202-426-1251	REBECCA.MCNERNEY@EIA.DOE.GOV
Industry Developments . . . . .	Kenneth McClevey	202-426-1144	KENNETH.MCCLEVEY@EIA.DOE.GOV
New Electric Generating Units . . . . .	Elsie Bess	202-426-1142	ELSIE.BESS@EIA.DOE.GOV
U.S. Electric Utility Net Generation . . . . .	Melvin E. Johnson	202-426-1172	MELVIN.JOHNSON@EIA.DOE.GOV
U.S. Electric Utility Consumption of Fuels	Melvin E. Johnson	202-426-1172	MELVIN.JOHNSON@EIA.DOE.GOV
U.S. Electric Utility Stocks of Fuels . . . . .	Melvin E. Johnson	202-426-1172	MELVIN.JOHNSON@EIA.DOE.GOV
U.S. Electric Utility Fossil-Fuel Receipts . .	Kenneth McClevey	202-426-1144	KENNETH.MCCLEVEY@EIA.DOE.GOV
U.S. Electric Utility Fossil-Fuel Costs . . . .	Kenneth McClevey	202-426-1144	KENNETH.MCCLEVEY@EIA.DOE.GOV
U.S. Retail Sales of Electricity, Associated Revenue and Average Revenue per Kilowatthour . . . . .	Deborah Johnson	202-426-1235	DEBORAH.JOHNSON@EIA.DOE.GOV
U.S. Nonutility Sales for Resale . . . . .	Barbara Rucker	202-426-1192	BARBARA.RUCKER@EIA.DOE.GOV
U.S. Nonutility Net Generation . . . . .	Betty Williams	202-426-1269	BETTY.WILLIAMS@EIA.DOE.GOV
Sampling and Estimation Methodologies	James Knaub, Jr.	202-426-1145	JAMES.KNAUB@EIA.DOE.GOV

Requests for additional information on other energy statistics available from the Energy Information Administration or questions concerning subscriptions and report distribution may be directed to the National Energy Information Center at 202-586-8800 (TTY: for people who are deaf or hard of hearing, 202-586-1181).

## To EIA's Customers

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# 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 kilowatt-hour 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 September 1999)*

	Internet			CD-ROM	Diskette
	Portable Document Format (PDF)	Executable Data Files	Hypertext Markup Language (HTML)		
<b>Surveys:</b>					
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
<b>Publications:</b>					
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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# Monthly Update

## Utility Generation and Retail Sales—June 1999

**Generation.** U.S. net generation of electricity was 282 billion kilowatthours, 3 percent below the amount reported in June 1999. Compared with 1998, coal-fired generation showed the largest decline among the major energy sources--dropping by 5 billion kilowatthours (3 percent). Net generation from petroleum, gas, and hydroelectric plants also declined from the amount reported during the same period last year, down 32, 12, and 7 percent, respectively.

**Sales.** Total sales of electricity to ultimate consumers in the United States during June 1999 were 281 billion kilowatthours, the same amount reported at this time in 1998. The residential sector had sales of 95 billion kilowatthours, 3 percent lower than the amount reported in June 1998. The commercial and industrial sectors had sales higher by 2 and 1 percent, respectively.

## Utility Fuel Receipts, Costs, and Quality—May 1999

**Coal.** Receipts of coal at electric utilities totaled 75 million short tons, down 1 million short tons from receipts reported in May 1998. The reason for this decrease is the sale and reclassification of utility plants

as nonutility plants. This will increasingly affect year-to-year comparisons. Homer City (PA), State Line (IN), Kincaid (IL), Brayton Point (MA), Salem Harbor (MA), and Bridgeport Harbor (CT), as well as five coal-fired plants leased by Big Rivers Electric Corporation (KY), and six coal-fired plants owned by New York State Electric & Gas Corporation have been reclassified and are not included in the May 1999 FERC Form 423 data.

**Petroleum.** Receipts of petroleum totaled 11 million barrels, down one million barrels from May 1998. The average delivered cost of petroleum to electric utilities was \$2.36 per million Btu, up from \$2.22 per million Btu in May 1998. The sale of several oil-fired plants located in the New England and Middle Atlantic Census divisions will adversely affect future petroleum data presented in the *Electric Power Monthly*.

**Gas.** Receipts of gas totaled 254 billion cubic feet (Bcf), up slightly from the 253 Bcf reported in May 1998. The average cost of gas delivered to electric utilities was \$2.52 per million Btu, compared to \$2.47 per million Btu reported in May 1998. The sale and reclassification of electric plants is having a substantial affect on data reported for the New England, Middle Atlantic, and Pacific Contiguous Census Divisions. San Diego Gas & Electric Company completed the sale of their plants to Dynegy/NRG in May 1999.



## Electricity Supply and Demand Forecast for 1999<sup>1</sup>

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.<sup>2</sup>

- Electricity demand in 1999 is projected to grow in each of the five demand sectors. The overall total for 1999 is forecast at 1.0 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 0.7 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 2.0 percent in 1999 and can be attributed mainly to expanding employment and favorable economic conditions. Industrial demand is projected to grow by 0.6 percent in 1999 reflecting the continuing growth in industrial output.
- Electricity generation at U.S. utilities is expected to grow at the rate of 1.1 percent, which is 1.9 percent below the growth rate experienced in 1998. The nonutility generation growth rate is projected to remain steady at 1.5 percent.
- Considering the current lack of rainfall in most regions of the United States, hydropower generation by electric utilities is expected to decrease by 1.7 percent from 1998 levels. High runoff conditions in the Pacific Northwest, created by above-average rainfall in 1996 and 1997, resulted in increased availability of hydroelectric generation in 1998.
- Nuclear power generation is expected to increase by 4.5 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 11.1 percent below last year's level. This continues the downward trend which occurred each year (except in 1996) after the record high levels of imports seen in 1994.

<sup>1</sup>Energy Information Administration, *Short-Term Energy Outlook: 3rd Quarter 1999*, DOE/EIA-0202 (99/3Q) (Washington, DC, July 1999).

<sup>2</sup>Further questions on this section may be directed to Rebecca McNerney at 202-426-1251 or via Internet at [rmcnerne@eia.doe.gov](mailto:rmcnerne@eia.doe.gov).

### Electricity Supply and Demand (Billion Kilowatthours)

	1999				
	1st	2nd	3rd	4th	Year
<b>Supply</b>					
Net Utility Generation					
Coal .....	431.6	429.1	499.3	462.2	1822.1
Petroleum .....	26.9	22.8	22.5	21.0	93.1
Natural Gas .....	52.0	84.7	124.6	62.4	323.7
Nuclear .....	181.1	165.0	190.8	167.1	704.0
Hydroelectric .....	83.4	79.7	70.7	65.4	299.1
Geothermal and Other <sup>a</sup> .....	1.6	1.2	1.9	2.1	6.8
Subtotal .....	776.5	782.5	909.7	780.1	3248.7
Nonutility Generation <sup>b</sup>					
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 <sup>c</sup> .....	2.9	2.8	3.1	3.4	12.2
Hydroelectric .....	4.3	4.1	4.5	5.0	18.0
Geothermal and Other <sup>d</sup> .....	17.8	17.0	18.5	20.8	74.1
Subtotal .....	95.0	91.0	99.1	110.9	396.0
Total Generation .....	871.5	873.5	1008.7	891.0	3644.8
Net Imports .....	1.2	7.5	9.3	7.6	25.6
Total Supply .....	872.7	881.0	1018.0	898.7	3670.4
Losses and Unaccounted for <sup>e</sup> ..	48.5	73.3	65.0	64.4	251.2
<b>Demand</b>					
Electric Utility Sales					
Residential .....	286.0	247.4	335.2	262.9	1131.4
Commercial .....	226.0	233.5	273.6	235.1	968.1
Industrial .....	248.5	264.6	275.6	264.4	1053.1
Other .....	23.9	24.2	27.2	25.4	100.7
Subtotal .....	784.4	769.6	911.5	787.8	3253.3
Nonutility Gener. for Own Use <sup>b</sup> ..	39.8	38.1	41.5	46.5	166.0
Total Demand .....	824.3	807.7	953.0	834.3	3419.2
Memo:					
Nonutility Sales to					
Electric Utilities <sup>b</sup> .....	55.2	52.9	57.5	64.4	230.1

<sup>a</sup>Other includes generation from wind, wood, waste, and solar sources.

<sup>b</sup>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."

<sup>c</sup>Includes refinery still gas and other process or waste gases, and liquefied petroleum gases.

<sup>d</sup>Includes geothermal, solar, wind, wood, waste, nuclear, hydrogen, sulfur, batteries, chemicals and spent sulfite liquor.

<sup>e</sup>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, estimates and 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 and Estimates:** 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; **Forecasts:** Energy Information Administration, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric and Alternate Fuels.

## Heating Degree-Days by Census Division, June 1999

Census Division	Number of Degree-Days			Percent Change	
	<i>Normal</i> <sup>*</sup>	1998	1999	Normal to 1999	1998 to 1999
New England	59	122	70	NM	NM
Middle Atlantic	31	75	49	NM	NM
East North Central	43	82	54	NM	NM
West North Central	43	82	58	NM	NM
South Atlantic	4	14	12	NM	NM
East South Central	3	13	5	NM	NM
West South Central	0	2	1	NM	NM
Mountain	80	124	100	NM	NM
Pacific Contiguous	78	122	127	NM	NM
<b>U.S. Average</b>	<b>36</b>	<b>67</b>	<b>52</b>	<b>NM</b>	<b>NM</b>

\* "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, June 1999

Census Division	Number of Degree-Days			Percent Change	
	<i>Normal</i> <sup>*</sup>	1998	1999	Normal to 1999	1998 to 1999
New England	62	50	122	NM	NM
Middle Atlantic	120	121	156	30.0	28.9
East North Central	152	177	190	25.0	7.3
West North Central	199	188	177	-11.1	-5.9
South Atlantic	314	378	296	-5.7	-21.7
East South Central	298	368	315	5.7	-14.4
West South Central	428	539	433	1.2	-19.7
Mountain	214	163	195	-8.9	19.6
Pacific Contiguous	97	69	81	NM	NM
<b>U.S. Average</b>	<b>208</b>	<b>232</b>	<b>217</b>	<b>4.3</b>	<b>-6.5</b>

\* "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 <sup>1</sup> (megawatts)	Energy Source	Unit Type Code
<b>January</b>						
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
<b>February<sup>R</sup></b>						
Alabama Power Co .....	Washington County	AL	1	109.0	Gas	CC
Alaska Power Co .....	Naukati	AK	3	.3	Petroleum	IC
East Kentucky Power Co.....	JK Smith	KY	2	110.0	Gas	GT
<b>March</b>						
St George City of.....	Bloomington Power Pl	UT	1,2,3,4,5,6,7	10.5	Petroleum	IC
Deshler City of.....	Deshler	NE	5	1.1	Petroleum	IC
<b>April</b>						
Florida Power Corp.....	Hines Energy Complex	FL	1	470.0	Gas	CC
East Kentucky Power Co.....	JK Smith	KY	1	110.0	Gas	GT
South Carolina Electric & Gas.....	Cogen South	SC	1	55.0	Coal	ST
<b>May</b>						
East Kentucky Power Co.....	JK Smith	KY	3	110.0	Gas	GT
New Hampton City of .....	New Hampton	IA	7,8	10.6	Petroleum	IC
<b>June</b>						
Lake Mills City of .....	Lake Mills	IA	7	7.6	Petroleum	IC
Delano City of.....	Delano	MN	8	3.1	Petroleum	IC
Illinois Power Co .....	Tilton	IL	4,3,2,1	176.0	Gas	GT
Rochester Gas & Electric .....	Allegany Cogen	NY	1	42.0	Gas	CT
Rochester Gas & Electric .....	Allegany Cogen	NY	2	25.0	Waste Heat	CW
Soyland Power Coop Inc .....	Alsey	IL	1	30.0	Gas	GT
Associated Electric Coop.....	Essex	MO	1	112.6	Gas	GT
<b>Total Capability of Newly Added</b>						
Units.....	--	--	--	<b>1,518.6</b>	--	--
<b>Total Capability of Retired Units.....</b>						
	--	--	--	<b>109.8</b>	--	--
<b>U.S. Total Capability .....</b>						
	--	--	--	<b>668,170.1</b>	--	--

<sup>1</sup> Net summer capability is estimated.

<sup>R</sup> Revised.

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, CW=Combined Cycle Steam Turbine - Waste Heat Boiler only, GT=Combustion (gas) Turbine, IC=Internal Combustion, CC=Combined Cycle - Total Unit), and ST=Steam Turbine-Boiler.

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	June 1999	May 1999	June 1998	Year To Date		
				1999	1998	Difference (percent)
<b>Electric Utility</b>						
<b>Net Generation (Million kWh)<sup>2</sup></b>						
Coal.....	152,463	140,032	157,403	858,162	872,651	-1.7
Petroleum <sup>3</sup> .....	8,263	7,466	12,140	49,883	49,249	1.3
Gas.....	30,908	25,959	35,055	133,221	128,790	3.4
Nuclear Power.....	62,025	55,809	55,732	347,361	317,330	9.5
Hydroelectric (Pumped Storage) <sup>4</sup>	-558	-672	-675	-2,973	-1,774	67.6
<b>Renewable</b>						
Hydroelectric (Conventional).....	28,668	27,202	30,892	166,214	176,371	-5.8
Geothermal.....	13	14	354	1,619	2,331	-30.5
Biomass.....	162	191	129	964	963	.1
Wind.....	1	1	*	8	1	1199.4
Photovoltaic.....	*	*	*	2	1	32.5
All Energy Sources.....	281,944	256,002	291,029	1,554,461	1,545,913	.5
<b>Consumption<sup>2</sup></b>						
Coal (1,000 short tons).....	76,801	70,755	79,016	431,987	438,789	-1.5
Petroleum (1,000 barrels) <sup>5</sup> .....	14,201	12,024	19,984	81,605	79,088	3.2
Gas (1,000 Mcf).....	323,665	272,705	378,607	1,389,043	1,358,340	2.3
<b>Stocks (end-of-month)<sup>2</sup></b>						
Coal (1,000 short tons).....	142,232	144,297	117,758	—	—	—
Petroleum (1,000 barrels) <sup>6</sup> .....	51,118	50,328	44,594	—	—	—
<b>Retail Sales (Million kWh)<sup>7</sup></b>						
Residential.....	95,459	76,785	98,128	535,170	522,455	2.4
Commercial.....	86,146	76,946	84,146	462,487	446,773	3.5
Industrial.....	90,549	88,831	89,934	513,101	513,344	*
Other <sup>8</sup> .....	8,516	8,113	8,474	48,280	47,697	1.2
All Sectors.....	280,670	250,674	280,682	1,559,039	1,530,270	1.9
<b>Revenue (Million Dollars)<sup>7</sup></b>						
Residential.....	8,037	6,360	8,371	42,926	42,768	.4
Commercial.....	6,320	5,498	6,414	32,918	32,982	-.2
Industrial.....	4,092	3,819	4,199	22,131	22,691	-2.5
Other <sup>8</sup> .....	581	551	593	3,244	3,254	-.3
All Sectors.....	19,030	16,227	19,577	101,219	101,695	-.5
<b>Average Revenue/kWh (Cents)<sup>7</sup></b>						
Residential.....	8.42	8.28	8.53	8.02	8.19	-2.0
Commercial.....	7.34	7.14	7.62	7.12	7.38	-3.6
Industrial.....	4.52	4.30	4.67	4.31	4.42	-2.4
Other <sup>8</sup> .....	6.82	6.79	7.00	6.72	6.82	-1.5
All Sectors.....	6.78	6.47	6.97	6.49	6.65	-2.3
	<b>May 1999<sup>9</sup></b>	<b>April 1999<sup>9</sup></b>	<b>May 1998<sup>9</sup></b>	<b>Year To Date</b>		
				1999 <sup>9</sup>	1998 <sup>9</sup>	Difference (percent)
<b>Receipts</b>						
Coal (1,000 short tons).....	74,551	71,909	75,980	373,472	376,071	-0.7
Petroleum (1,000 barrels) <sup>10</sup> .....	11,289	11,099	12,185	57,446	54,968	4.5
Gas (1,000 Mcf).....	253,543	229,057	252,869	971,503	910,483	6.7
<b>Cost (cents/million Btu)<sup>11</sup></b>						
Coal.....	121.8	124.4	126.3	123.4	126.3	-2.3
Petroleum <sup>12</sup> .....	236.0	217.6	221.5	197.2	221.4	-10.9
Gas <sup>13</sup> .....	251.6	224.7	247.1	228.9	257.0	-10.9

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 June 1999 was 2,893 million kilowatthours.
- 5 The June 1999 petroleum coke consumption was 134,698 short tons.
- 6 The June 1999 petroleum coke stocks were 690,227 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 May 1999 petroleum coke receipts were 219,375 short tons.
- 11 Average cost of fuel delivered to electric generating plants; cost values are weighted values.
- 12 May 1999 petroleum coke cost was 66.0 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

## CP&L to Acquire Florida Progress Corporation

Carolina Power & Light Company (CP&L) and Florida Progress Corporation (Florida Progress) have announced their intention to merge. Under the terms of the agreement, CP&L will purchase Florida Progress for \$5.3 billion in cash and stock, plus the assumption of \$2.7 billion in debt. Once completed, the new company will be the ninth largest U.S. electric utility, based on generation capacity. The combined company will have an equity and debt value of \$17 billion, with \$6.7 billion in revenue and approximately 2.7 million electricity and gas customers.<sup>1</sup> CP&L stated that regulatory approval of the merger will take an estimated 12 months. Annualized savings from the merger are estimated at \$100 million. CP&L termed the acquisition as a “breakout strategy” that will move it into a leadership position among southeastern energy companies.<sup>2</sup>

Florida Progress is an electric utility holding company based in St. Petersburg, Florida. Its two principal subsidiaries are Florida Power Corporation (FPC) and Electric Fuels Corporation (EFC). FPC serves approximately 1.3 million electric customers in west central Florida, one of the fastest growing regions of the Nation. According to FPC, customer growth is expected to be 2.2 percent through the year 2000, twice the national average for electric utilities. In 1998, residential customers accounted for 49 percent of kilowatthours sold, while commercial, industrial, and other customers accounted for 30, 13, and 7 percent, respectively.<sup>3</sup> FPC owns 57 generating units that have a combined nameplate generating capacity of 8,244 megawatts. In 1998, coal accounted for 48 percent of all electric generation, petroleum accounted for 25 percent, while nuclear and gas accounted for 19 and 8 percent, respectively. The once-troubled Crystal River nuclear facility has been operating at above 100 percent rated capacity since February 1998.<sup>4</sup> The EFC subsidiary of Florida Progress

provides rail services, inland marine transportation (barge lines), and energy and related services. It owns or controls 250 million tons of high quality, low sulfur coal located in Kentucky and Virginia. It also owns 1,800 railcars, 600 river barges, 21 tow boats, transloading facilities in Kentucky and West Virginia, a one-third ownership in the International Marine Terminals located south of New Orleans, and a 65-percent interest in an ocean-going barge service.

CP&L is based in Raleigh, North Carolina and serves approximately 1.2 million electricity customers in North and South Carolina. It operates 16 power plants with a total nameplate generating capacity of 11,138 megawatts. CP&L is the majority owner of the Brunswick and Harris nuclear plants located in North Carolina, and the sole owner of the Robinson nuclear plant located in South Carolina. Based on 1998 data, 52 percent of CP&L generation came from coal and 46 percent from nuclear, while generation from petroleum, gas, and hydroelectric combined for 2 percent.<sup>5</sup> Industrial sales accounted for 37 percent of kilowatthours sold, while residential, commercial, and other customers accounted for 33, 27, and 3 percent, respectively. CP&L acquired North Carolina Natural Gas Corporation in July and is currently developing plans to expand the pipeline system to some of the planned 7,000 megawatts of new generation that it expects to bring online over the next decade.

## Allegheny Energy to Purchase UtiliCorp United's West Virginia Power Division

Allegheny Energy Incorporated (Allegheny Energy) has agreed to purchase the West Virginia Power subsidiary of UtiliCorp United Incorporated (UtiliCorp) for \$75 million. The subsidiary provides electric service to 26,000 customers in a four county area of southeastern West Virginia, as well as gas service to 24,000 natural gas customers located throughout the State. Currently,

<sup>1</sup> Carolina Power & Light Company, extracted from the Internet at <http://www.cplc.com> on August 25, 1999.

<sup>2</sup> *Ibid.*

<sup>3</sup> Florida Progress Corporation, 1998 Annual Report, p. 47.

<sup>4</sup> Federal Energy Regulatory Commission Form 1, “Annual Report of Major Electric Utilities, Licensees and Others,” Notes To Financial Statements (December 31, 1998), p. 123.8.

<sup>5</sup> Energy Information Administration Form EIA-759, “Monthly Power Plant Report.”

Allegheny Energy serves approximately 420,000 electric customers located primarily in the northern half of West Virginia. Included in the agreement is a 20-year gas supply contract with Aquila Energy, a natural gas subsidiary of UtiliCorp. Completion of the transaction is expected in the first quarter of 2000.<sup>6</sup>

Allegheny Energy is an electric utility holding company for Monongahela Power Company, The Potomac Edison Company, and West Penn Power Company. These three electric utilities operate under the Allegheny Power banner and provide electric service to 3 million people located in Maryland, Ohio, Pennsylvania, Virginia, and West Virginia.

### **New Solar Power Plant Technology Declared a Success**

A new technology that could lead to solar power plants as large as 200 megawatts (MW) has been declared a success by the U.S. Department of Energy and a private consortium led by Southern California Edison. Solar Two, a 10-MW "power tower" demonstration project located in Barstow, California, is said to represent a major technical achievement that could significantly advance solar power's contribution to the global energy mix. Through a unique storage system, Solar Two was able to deliver electricity to the grid for 153 straight hours. It was also able to dispatch electricity "on demand" on a 24-hour basis. The \$55 million design cost

was shared by the U.S. Department of Energy (DOE) and several public and private companies. The design was based on lessons learned from Solar One, the first power tower that operated from 1982 to 1988.<sup>7</sup>

Solar Two is composed of 2,000 sun tracking mirrors (heliostats) that reflect sunlight onto a receiver located at the top of a 300-foot tower. The receiver is made of hundreds of vertical tubes that have molten salt flowing through them. The concentration of sunlight on the tubes heats the molten salt to as high as 1,050 degrees Fahrenheit (F). It then flows to a tank at the bottom of the tower where it is either stored or sent to heat water to produce steam. The steam is used to turn a turbine which is attached to a generator to produce electricity.

During the process, as the molten salt cools to 550 degrees F, it is then pumped back to the top of the tower to be reheated. The storage tank containing molten salt allows for the production of electricity on cloudy days or at night.<sup>8</sup>

According to DOE, the technology is not currently marketable in the United States due in part to restructuring of the electric industry and to the fact that the technology is not economically competitive. However, advances are expected to make the design competitive at a later date. DOE stated that foreign interest in the application has been seen from countries that include Brazil, Egypt, and Spain.

<sup>6</sup> Allegheny Energy Incorporated, extracted from the Internet at <http://www.alleghenyenergy.com> on September 10, 1999.

<sup>7</sup> Yahoo!, "World's Most Advanced Solar Power Plant Declared a Success; Performance Trials Indicate Bright Future for Unique Technology," extracted from the Internet at <http://biz.yahoo.com/prnews> on September 10, 1999.

<sup>8</sup> U.S. Department of Energy, extracted from the Internet at <http://www.eren.doe.gov/sunlab> on September 10, 1999.



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

Utility	Plant	State	Nameplate Capacity (megawatts)	Date <sup>a</sup>	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 <sup>b</sup>
Big Rivers Electric Corp	R D Green	KY	527	August 1998	LG&E Energy <sup>b</sup>
Big Rivers Electric Corp	HMP&L Station 2	KY	365	August 1998	LG&E Energy <sup>b</sup>
Big Rivers Electric Corp	R A Reid	KY	171	August 1998	LG&E Energy <sup>b</sup>
Big Rivers Electric Corp	D B Wilson	KY	510	August 1998	LG&E Energy <sup>b</sup>
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 <sup>c</sup>
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
Pennsylvania Electric Co (GPU)	Homer City <sup>d</sup>	PA	1,884	March 15, 1999	Edison Mission Energy
Central Maine Power	28 Hydro Plants	ME	373	April 7, 1999	FPL Group
Central Maine Power	Mason	ME	107	April 7, 1999	FPL Group

**Electric Utility Plants That Have Been Sold and Reclassified as Nonutility Plants (Continued)**

Utility	Plant	State	Nameplate Capacity (megawatts)	Date <sup>a</sup>	Buyer
Central Maine Power	Wyman	ME	<sup>e</sup> 587	April 7, 1999	FPL Group
Central Maine Power	Aroostook Valley	ME	32	April 7, 1999	FPL Group
United Illuminating Co	Bridgeport Harbor	CT	679	April 15, 1999	Wivest-Connecticut
United Illuminating Co	New Haven Harbor	CT	460	April 15, 1999	Wivest-Connecticut
Pacific Gas & Electric Co	Contra Cost	CA	718	April 16, 1999	Southern Energy
Pacific Gas & Electric Co	Pittsburg	CA	2,029	April 16, 1999	Southern Energy
Pacific Gas & Electric Co	Potrero	CA	419	April 16, 1999	Southern Energy
San Diego Gas & Electric Co	South Bay	CA	733	April 27, 1999	Port of San Diego <sup>f</sup>
Pacific Gas & Electric Co	The Geysers	CA	1,354	May 7, 1999	Calpine Corporation
New York State Electric & Gas Co	Goudney	NY	119	May 14, 1999	AES Corporation
New York State Electric & Gas Co	Greenidge	NY	163	May 14, 1999	AES Corporation
New York State Electric & Gas Co	Hickling	NY	87	May 14, 1999	AES Corporation
New York State Electric & Gas Co	Jennison	NY	75	May 14, 1999	AES Corporation
New York State Electric & Gas Co	Kintigh	NY	655	May 14, 1999	AES Corporation
New York State Electric & Gas Co	Milliken	NY	328	May 14, 1999	AES Corporation
San Diego Gas & Electric Co	Division	CA	18	May 22, 1999	Dynegy/NRG
San Diego Gas & Electric Co	El Cajon	CA	18	May 22, 1999	Dynegy/NRG
San Diego Gas & Electric Co	Encina	CA	1,001	May 22, 1999	Dynegy/NRG
San Diego Gas & Electric Co	Kearny	CA	165	May 22, 1999	Dynegy/NRG
San Diego Gas & Electric Co	Miramar	CA	47	May 22, 1999	Dynegy/NRG
San Diego Gas & Electric Co	Naval Station	CA	28	May 22, 1999	Dynegy/NRG
San Diego Gas & Electric Co	Naval Training Ctr	CA	18	May 22, 1999	Dynegy/NRG
San Diego Gas & Electric Co	North Island	CA	52	May 22, 1999	Dynegy/NRG
Avista Corporation	Meyers Falls	WA	1	June 1, 1999	Hydro Technologies
Niagara Mohawk Power Corp	C R Huntley	NY	828	June 11, 1999	NRG
Niagara Mohawk Power Corp	Dunkirk	NY	628	June 11, 1999	NRG
Consolidated Edison Co	Ravenswood	NY	2,310	June 18, 1999	Keyspan
Consolidated Edison Co	Arthur Kill	NY	928	June 25, 1999	NRG
Orange & Rockland Utilities	Bowline Point	NY	1,242	June 30, 1999	Southern Energy
Orange & Rockland Utilities	Grahamsville	NY	18	June 30, 1999	Southern Energy
Orange & Rockland Utilities	Hillburn	NY	42	June 30, 1999	Southern Energy
Orange & Rockland Utilities	Lovett	NY	449	June 30, 1999	Southern Energy
Orange & Rockland Utilities	Mongaup	NY	4	June 30, 1999	Southern Energy
Orange & Rockland Utilities	Rio	NY	10	June 30, 1999	Southern Energy
Orange & Rockland Utilities	Shoemaker	NY	42	June 30, 1999	Southern Energy
Orange & Rockland Utilities	Swinging Bridge 1	NY	5	June 30, 1999	Southern Energy
Orange & Rockland Utilities	Swinging Bridge 2	NY	7	June 30, 1999	Southern Energy

<sup>a</sup>Start date for facility to begin reporting as a nonutility generator.

<sup>b</sup>Plants leased to LG&E Energy for 25 years.

<sup>c</sup>Unit returned to lessor.

<sup>d</sup>NYSE&G 50 percent interest included in sale.

<sup>e</sup>Total shown is the CMP interest in Wyman. Bangor Hydro sold their 52-MW interest in Unit 4 to PP&L Global. Maine Public Service Company sold a 21-MW interest in Unit 4 to WPS Power Development.

<sup>f</sup>Duke Energy signed a 10-year agreement to lease the plant from the port of San Diego.

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 1999 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 June 1999**  
(Million Kilowatthours)

Period	Electric Utilities								Nonutility Power Producers	Total Electric Power Industry
	Coal	Petroleum <sup>1</sup>	Gas <sup>2</sup>	Nuclear	Hydro-electric	Geo-thermal	Other <sup>3</sup>	Total		
<b>1990</b> .....	<b>1,559,606</b>	<b>117,017</b>	<b>264,089</b>	<b>576,862</b>	<b>279,926</b>	<b>8,581</b>	<b>2,070</b>	<b>2,808,151</b>	<b>213,046</b>	<b>3,021,197</b>
<b>1991</b> .....	<b>1,551,167</b>	<b>111,463</b>	<b>264,172</b>	<b>612,565</b>	<b>275,519</b>	<b>8,087</b>	<b>2,050</b>	<b>2,825,023</b>	<b>243,503</b>	<b>3,068,526</b>
<b>1992</b> .....	<b>1,575,895</b>	<b>88,916</b>	<b>263,872</b>	<b>618,776</b>	<b>239,559</b>	<b>8,104</b>	<b>2,096</b>	<b>2,797,219</b>	<b>286,148</b>	<b>3,083,367</b>
<b>1993</b> .....	<b>1,639,151</b>	<b>99,539</b>	<b>258,915</b>	<b>610,291</b>	<b>265,063</b>	<b>7,571</b>	<b>1,994</b>	<b>2,882,525</b>	<b>314,399</b>	<b>3,196,924</b>
<b>1994</b> .....	<b>1,635,493</b>	<b>91,039</b>	<b>291,115</b>	<b>640,440</b>	<b>243,693</b>	<b>6,941</b>	<b>1,992</b>	<b>2,910,712</b>	<b>343,087</b>	<b>3,253,799</b>
<b>1995</b> .....	<b>1,652,914</b>	<b>60,844</b>	<b>307,306</b>	<b>673,402</b>	<b>293,653</b>	<b>4,745</b>	<b>1,664</b>	<b>2,994,529</b>	<b>363,308</b>	<b>3,357,837</b>
<b>1996</b> .....	<b>1,737,453</b>	<b>67,346</b>	<b>262,730</b>	<b>674,729</b>	<b>327,970</b>	<b>5,234</b>	<b>1,980</b>	<b>3,077,442</b>	<b>369,552</b>	<b>3,446,994</b>
<b>1997</b>										
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
<b>Total</b> .....	<b>1,787,806</b>	<b>77,753</b>	<b>283,625</b>	<b>628,644</b>	<b>337,233</b>	<b>5,469</b>	<b>1,993</b>	<b>3,122,522</b>	<b>371,918</b>	<b>3,494,441</b>
<b>1998</b>										
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
<b>Total</b> .....	<b>1,807,480</b>	<b>110,158</b>	<b>309,222</b>	<b>673,702</b>	<b>304,403</b>	<b>5,176</b>	<b>2,030</b>	<b>3,212,171</b>	<b>407,462</b>	<b>3,619,632</b>
<b>1999</b>										
January .....	155,739	10,223	17,321	65,399	27,142	414	165	276,404	NA	NA
February .....	133,699	8,074	14,690	57,235	26,559	352	147	240,756	NA	NA
March .....	142,215	8,600	19,944	58,578	29,716	397	140	259,590	NA	NA
April .....	134,013	7,257	24,400	48,315	25,184	429	167	239,764	NA	NA
May .....	140,032	7,466	25,959	55,809	26,531	14	192	256,002	NA	NA
June .....	152,463	8,263	30,908	62,025	28,109	13	163	281,944	NA	NA
<b>Total</b> .....	<b>858,162</b>	<b>49,883</b>	<b>133,221</b>	<b>347,361</b>	<b>163,241</b>	<b>1,619</b>	<b>974</b>	<b>1,554,461</b>	<b>NA</b>	<b>NA</b>
<b>Year to Date</b>										
<b>1999</b> .....	<b>858,162</b>	<b>49,883</b>	<b>133,221</b>	<b>347,361</b>	<b>163,241</b>	<b>1,619</b>	<b>974</b>	<b>1,554,461</b>	<b>NA</b>	<b>NA</b>
<b>1998</b> .....	<b>872,651</b>	<b>49,249</b>	<b>128,790</b>	<b>317,330</b>	<b>174,597</b>	<b>2,331</b>	<b>965</b>	<b>1,545,913</b>	<b>NA</b>	<b>NA</b>
<b>1997</b> .....	<b>847,977</b>	<b>32,155</b>	<b>114,543</b>	<b>303,996</b>	<b>190,080</b>	<b>2,502</b>	<b>967</b>	<b>1,492,219</b>	<b>NA</b>	<b>NA</b>

<sup>1</sup> Includes fuel oils nos. 1, 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke

<sup>2</sup> Includes supplemental gaseous fuel.

<sup>3</sup> 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

**Table 4. U.S. Electric Utility Net Generation by Nonrenewable Energy Source, 1990 Through June 1999**  
(Million Kilowatthours)

Period	All Nonrenewable Energy Sources	Coal <sup>1</sup>	Petroleum <sup>2</sup>	Gas	Nuclear	Hydroelectric <sup>3</sup> (Pumped Storage)
<b>1990</b> .....	<b>2,514,066</b>	<b>1,559,606</b>	<b>117,017</b>	<b>264,089</b>	<b>576,862</b>	<b>-3,508</b>
<b>1991</b> .....	<b>2,534,825</b>	<b>1,551,167</b>	<b>111,463</b>	<b>264,172</b>	<b>612,565</b>	<b>-4,541</b>
<b>1992</b> .....	<b>2,543,283</b>	<b>1,575,895</b>	<b>88,916</b>	<b>263,872</b>	<b>618,776</b>	<b>-4,177</b>
<b>1993</b> .....	<b>2,603,861</b>	<b>1,639,151</b>	<b>99,539</b>	<b>258,915</b>	<b>610,291</b>	<b>-4,036</b>
<b>1994</b> .....	<b>2,654,708</b>	<b>1,635,493</b>	<b>91,039</b>	<b>291,115</b>	<b>640,440</b>	<b>-3,378</b>
<b>1995</b> .....	<b>2,691,742</b>	<b>1,652,914</b>	<b>60,844</b>	<b>307,306</b>	<b>673,402</b>	<b>-2,725</b>
<b>1996</b> .....	<b>2,739,170</b>	<b>1,737,453</b>	<b>67,346</b>	<b>262,730</b>	<b>674,729</b>	<b>-3,088</b>
<b>1997</b>						
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
<b>Total</b> .....	<b>2,773,787</b>	<b>1,787,806</b>	<b>77,753</b>	<b>283,625</b>	<b>628,644</b>	<b>-4,041</b>
<b>1998</b>						
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
<b>Total</b> .....	<b>2,896,121</b>	<b>1,807,480</b>	<b>110,158</b>	<b>309,222</b>	<b>673,702</b>	<b>-4,441</b>
<b>1999</b>						
January.....	248,134	155,739	10,223	17,321	65,399	-548
February.....	213,342	133,699	8,074	14,690	57,235	-356
March.....	228,961	142,215	8,600	19,944	58,578	-377
April.....	213,522	134,013	7,257	24,400	48,315	-462
May.....	228,594	140,032	7,466	25,959	55,809	-672
June.....	253,101	152,463	8,263	30,908	62,025	-558
<b>Total</b> .....	<b>1,385,654</b>	<b>858,162</b>	<b>49,883</b>	<b>133,221</b>	<b>347,361</b>	<b>-2,973</b>
<b>Year to Date</b>						
<b>1999</b> .....	<b>1,385,654</b>	<b>858,162</b>	<b>49,883</b>	<b>133,221</b>	<b>347,361</b>	<b>-2,973</b>
<b>1998</b> .....	<b>1,366,246</b>	<b>872,651</b>	<b>49,249</b>	<b>128,790</b>	<b>317,330</b>	<b>-1,774</b>
<b>1997</b> .....	<b>1,297,093</b>	<b>847,977</b>	<b>32,155</b>	<b>114,543</b>	<b>303,996</b>	<b>-1,577</b>

<sup>1</sup> Includes lignite, bituminous coal, subbituminous coal, and anthracite.

<sup>2</sup> Includes fuel oil Nos. 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke.

<sup>3</sup> Pumping energy used for pumped storage plants for June 1999 was 2,893 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 June 1999**  
(Thousand Kilowatthours)

Period	All Renewable Energy Sources	Hydroelectric (Conventional)	Geothermal	Biomass	Wind	Photovoltaic
<b>1990</b> .....	<b>294,085,003</b>	<b>283,433,659</b>	<b>8,581,228</b>	<b>2,067,270</b>	<b>398</b>	<b>2,448</b>
<b>1991</b> .....	<b>290,197,798</b>	<b>280,060,621</b>	<b>8,087,055</b>	<b>2,046,499</b>	<b>285</b>	<b>3,338</b>
<b>1992</b> .....	<b>253,936,260</b>	<b>243,736,029</b>	<b>8,103,809</b>	<b>2,092,945</b>	<b>308</b>	<b>3,169</b>
<b>1993</b> .....	<b>278,663,780</b>	<b>269,098,329</b>	<b>7,570,999</b>	<b>1,990,407</b>	<b>243</b>	<b>3,802</b>
<b>1994</b> .....	<b>256,003,613</b>	<b>247,070,938</b>	<b>6,940,637</b>	<b>1,988,257</b>	<b>309</b>	<b>3,472</b>
<b>1995</b> .....	<b>302,786,828</b>	<b>296,377,840</b>	<b>4,744,804</b>	<b>1,649,178</b>	<b>11,097</b>	<b>3,909</b>
<b>1996</b> .....	<b>338,272,331</b>	<b>331,058,055</b>	<b>5,233,927</b>	<b>1,967,057</b>	<b>10,123</b>	<b>3,169</b>
<b>1997</b>						
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
<b>Total</b> .....	<b>348,735,082</b>	<b>341,273,447</b>	<b>5,469,110</b>	<b>1,983,067</b>	<b>5,977</b>	<b>3,481</b>
<b>1998</b>						
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
<b>Total</b> .....	<b>316,049,752</b>	<b>308,843,754</b>	<b>5,176,280</b>	<b>2,024,243</b>	<b>2,957</b>	<b>2,518</b>
<b>1999</b>						
January.....	28,269,728	27,690,264	414,341	163,665	1,411	47
February.....	27,413,934	26,914,747	351,981	145,853	1,267	86
March.....	30,629,591	30,092,783	396,761	137,839	1,973	235
April.....	26,242,224	25,646,356	429,345	164,590	1,597	336
May.....	27,408,333	27,202,494	13,708	190,647	1,096	388
June.....	28,843,219	28,667,624	12,689	161,516	985	405
<b>Total</b> .....	<b>168,807,029</b>	<b>166,214,268</b>	<b>1,618,825</b>	<b>964,110</b>	<b>8,329</b>	<b>1,497</b>
<b>Year to Date</b>						
<b>1999</b> .....	<b>168,807,029</b>	<b>166,214,268</b>	<b>1,618,825</b>	<b>964,110</b>	<b>8,329</b>	<b>1,497</b>
<b>1998</b> .....	<b>179,666,978</b>	<b>176,371,399</b>	<b>2,330,625</b>	<b>963,183</b>	<b>641</b>	<b>1,130</b>
<b>1997</b> .....	<b>195,126,052</b>	<b>191,657,749</b>	<b>2,501,658</b>	<b>961,859</b>	<b>2,853</b>	<b>1,933</b>

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	June 1999	May 1999	June 1998	Year to Date		
				1999	1998	Difference (percent)
ECAR.....	47,254	42,721	46,093	264,464	260,943	1.3
ERCOT.....	22,907	20,383	25,380	108,581	111,229	-2.4
MAAC.....	18,815	15,191	19,960	106,347	108,548	-2.0
MAIN.....	21,763	19,603	19,994	116,459	100,371	16.0
MAPP (U.S.).....	13,860	12,773	13,195	80,128	80,420	-4
NPCC (U.S.).....	12,055	11,791	14,886	81,015	88,067	-8.0
SERC.....	54,921	49,854	57,593	299,933	308,408	-2.7
FRCC.....	14,486	13,270	16,877	74,415	74,631	NM
SPP.....	28,356	25,129	30,536	145,769	144,717	.7
WSCC (U.S.).....	46,633	44,383	45,671	271,712	263,151	3.3
<b>Contiguous U.S.</b> .....	<b>281,050</b>	<b>255,100</b>	<b>290,185</b>	<b>1,548,823</b>	<b>1,540,484</b>	<b>.5</b>
ASCC.....	392	331	355	2,430	2,438	-3
Hawaii.....	502	572	489	3,208	2,991	7.2
<b>U.S. Total</b> .....	<b>281,944</b>	<b>256,002</b>	<b>291,029</b>	<b>1,554,461</b>	<b>1,545,913</b>	<b>.6</b>

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	June 1999	May 1999	June 1998	Year to Date		
				1999	1998	Difference (percent)
<b>New England</b> .....	<b>3,374</b>	<b>2,494</b>	<b>5,174</b>	<b>24,197</b>	<b>34,002</b>	<b>-28.8</b>
Connecticut.....	1,351	796	1,002	9,110	6,103	49.3
Maine.....	2	1	342	1,262	1,640	-23.1
Massachusetts.....	393	389	2,430	4,768	15,875	-70.0
New Hampshire.....	1,212	851	868	6,407	7,063	-9.3
Rhode Island.....	1	1	192	6	1,469	-99.6
Vermont.....	415	456	341	2,644	1,852	42.8
<b>Middle Atlantic</b> .....	<b>25,507</b>	<b>22,910</b>	<b>27,742</b>	<b>154,564</b>	<b>153,474</b>	<b>.7</b>
New Jersey.....	3,579	2,367	3,699	17,403	15,877	9.6
New York.....	8,520	9,096	9,764	55,056	54,430	1.2
Pennsylvania.....	13,408	11,447	14,280	82,105	83,167	-1.3
<b>East North Central</b> .....	<b>48,984</b>	<b>44,662</b>	<b>46,841</b>	<b>266,459</b>	<b>253,894</b>	<b>4.9</b>
Illinois.....	13,854	12,561	12,143	72,436	57,918	25.1
Indiana.....	10,179	8,828	9,488	54,944	54,345	1.1
Michigan.....	7,946	6,880	7,467	42,865	41,932	2.2
Ohio.....	12,353	12,196	13,060	70,043	74,282	-5.7
Wisconsin.....	4,652	4,196	4,683	26,172	25,417	3.0
<b>West North Central</b> .....	<b>23,147</b>	<b>20,962</b>	<b>22,288</b>	<b>128,366</b>	<b>127,069</b>	<b>1.0</b>
Iowa.....	3,121	2,836	2,740	17,754	17,469	1.6
Kansas.....	3,718	3,141	3,865	19,412	19,993	-2.9
Minnesota.....	3,889	3,250	3,607	20,972	20,933	.2
Missouri.....	6,572	6,113	6,576	36,070	35,541	1.5
Nebraska.....	2,493	2,430	2,429	14,137	14,097	.3
North Dakota.....	2,435	2,463	2,324	15,149	14,566	4.0
South Dakota.....	920	729	746	4,872	4,470	9.0
<b>South Atlantic</b> .....	<b>60,518</b>	<b>54,859</b>	<b>64,081</b>	<b>329,685</b>	<b>328,554</b>	<b>.3</b>
Delaware.....	569	525	625	3,364	2,880	16.8
District of Columbia.....	58	2	48	63	81	-21.9
Florida.....	15,386	14,130	17,696	78,535	78,513	*
Georgia.....	9,489	9,262	10,298	50,444	51,326	-1.7
Maryland.....	4,571	3,583	4,257	23,705	23,325	1.6
North Carolina.....	10,079	9,418	9,704	52,772	55,000	-4.1
South Carolina.....	6,855	5,759	8,099	41,802	42,420	-1.5
Virginia.....	5,765	5,216	5,733	33,032	31,082	6.3
West Virginia.....	7,746	6,964	7,621	45,968	43,926	4.6
<b>East South Central</b> .....	<b>29,329</b>	<b>26,314</b>	<b>30,632</b>	<b>159,520</b>	<b>163,922</b>	<b>-2.7</b>
Alabama.....	10,440	9,036	10,406	54,874	56,608	-3.1
Kentucky.....	8,422	7,701	8,102	46,646	43,262	7.8
Mississippi.....	2,971	2,856	3,432	15,550	15,172	2.5
Tennessee.....	7,496	6,722	8,692	42,451	48,881	-13.2
<b>West South Central</b> .....	<b>42,811</b>	<b>37,906</b>	<b>46,794</b>	<b>209,027</b>	<b>210,090</b>	<b>-.5</b>
Arkansas.....	4,288	3,868	4,299	21,261	19,030	11.7
Louisiana.....	5,941	4,911	6,801	28,724	30,418	-5.6
Oklahoma.....	4,555	4,147	5,113	24,312	24,458	-.6
Texas.....	28,027	24,980	30,581	134,730	136,184	-1.1
<b>Mountain</b> .....	<b>24,278</b>	<b>23,643</b>	<b>23,310</b>	<b>141,836</b>	<b>137,441</b>	<b>3.2</b>
Arizona.....	7,067	7,085	6,283	39,209	37,621	4.2
Colorado.....	2,928	2,838	2,925	16,780	16,743	.2
Idaho.....	1,199	1,260	1,434	7,372	6,776	8.8
Montana.....	2,240	2,212	2,455	13,747	13,069	5.2
Nevada.....	2,153	1,736	1,889	11,861	10,954	8.3
New Mexico.....	2,461	2,511	2,612	15,438	14,424	7.0
Utah.....	2,781	3,041	2,535	17,132	16,356	4.7
Wyoming.....	3,449	2,961	3,177	20,296	21,498	-5.6
<b>Pacific Contiguous</b> .....	<b>23,089</b>	<b>21,332</b>	<b>23,322</b>	<b>135,129</b>	<b>132,043</b>	<b>2.3</b>
California.....	8,432	8,057	10,199	48,454	55,946	-13.4
Oregon.....	4,519	4,401	3,942	28,347	25,039	13.2
Washington.....	10,138	8,874	9,180	58,328	51,057	14.2
<b>Pacific Noncontiguous</b> .....	<b>908</b>	<b>921</b>	<b>845</b>	<b>5,679</b>	<b>5,424</b>	<b>4.7</b>
Alaska.....	393	331	356	2,430	2,435	-.2
Hawaii.....	515	590	489	3,249	2,988	8.7
<b>U.S. Total</b> .....	<b>281,944</b>	<b>256,002</b>	<b>291,029</b>	<b>1,554,461</b>	<b>1,545,913</b>	<b>.6</b>

\* = 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	June 1999	May 1999	June 1998	Year to Date				
				Coal Generation			Share of Total (percent)	
				1999	1998	Difference (percent)	1999	1998
<b>New England</b> .....	<b>328</b>	<b>380</b>	<b>1,287</b>	<b>2,310</b>	<b>8,192</b>	<b>-71.8</b>	<b>9.5</b>	<b>24.1</b>
Connecticut.....	—	—	—	—	865	NM	—	14.2
Maine.....	—	—	—	—	—	—	—	—
Massachusetts.....	159	147	961	752	5,647	-86.7	15.8	35.6
New Hampshire.....	169	233	326	1,558	1,681	-7.3	24.3	23.8
Rhode Island.....	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	<b>7,806</b>	<b>6,539</b>	<b>11,916</b>	<b>56,792</b>	<b>66,496</b>	<b>-14.6</b>	<b>36.7</b>	<b>43.3</b>
New Jersey.....	506	191	494	2,967	2,339	26.9	17.1	14.7
New York.....	446	886	2,025	8,924	11,276	-20.9	16.2	20.7
Pennsylvania.....	6,854	5,461	9,397	44,900	52,881	-15.1	54.7	63.6
<b>East North Central</b> .....	<b>35,919</b>	<b>33,480</b>	<b>36,481</b>	<b>201,732</b>	<b>205,445</b>	<b>-1.8</b>	<b>75.7</b>	<b>80.9</b>
Illinois.....	5,948	5,800	6,300	33,684	32,998	2.1	46.5	57.0
Indiana.....	9,963	8,689	9,213	54,129	53,356	1.4	98.5	98.2
Michigan.....	6,125	5,298	5,943	33,015	33,657	-1.9	77.0	80.3
Ohio.....	10,673	10,879	11,439	61,881	65,788	-5.9	88.3	88.6
Wisconsin.....	3,210	2,814	3,585	19,023	19,647	-3.2	72.7	77.3
<b>West North Central</b> .....	<b>16,901</b>	<b>15,838</b>	<b>16,397</b>	<b>95,525</b>	<b>97,710</b>	<b>-2.2</b>	<b>74.4</b>	<b>76.9</b>
Iowa.....	2,731	2,367	2,218	15,134	15,273	-9	85.2	87.4
Kansas.....	2,551	2,326	2,590	14,050	13,960	.7	72.4	69.8
Minnesota.....	2,488	2,406	2,401	13,662	14,231	-4.0	65.1	68.0
Missouri.....	5,266	4,855	5,398	29,171	30,273	-3.6	80.9	85.2
Nebraska.....	1,391	1,336	1,419	7,835	8,857	-11.5	55.4	62.8
North Dakota.....	2,166	2,227	2,094	13,758	13,371	2.9	90.8	91.8
South Dakota.....	308	321	278	1,914	1,745	9.7	39.3	39.0
<b>South Atlantic</b> .....	<b>35,411</b>	<b>32,216</b>	<b>35,883</b>	<b>188,623</b>	<b>185,271</b>	<b>1.8</b>	<b>57.2</b>	<b>56.4</b>
Delaware.....	190	168	343	1,365	1,956	-30.2	40.6	67.9
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	5,828	5,123	5,976	28,483	31,169	-8.6	36.3	39.7
Georgia.....	6,476	6,229	6,790	33,600	31,454	6.8	66.6	61.3
Maryland.....	2,695	1,984	2,591	13,786	14,070	-2.0	58.2	60.3
North Carolina.....	6,408	6,131	6,632	32,520	32,590	-2	61.6	59.3
South Carolina.....	3,177	3,050	3,317	16,999	15,235	11.6	40.7	35.9
Virginia.....	2,920	2,623	2,677	16,203	15,272	6.1	49.1	49.1
West Virginia.....	7,718	6,909	7,558	45,668	43,525	4.9	99.3	99.1
<b>East South Central</b> .....	<b>21,059</b>	<b>18,512</b>	<b>20,455</b>	<b>111,255</b>	<b>108,381</b>	<b>2.7</b>	<b>69.7</b>	<b>66.1</b>
Alabama.....	7,011	5,816	6,578	33,931	33,116	2.5	61.8	58.5
Kentucky.....	8,177	7,395	7,660	44,891	41,184	9.0	96.2	95.2
Mississippi.....	1,250	1,175	1,180	5,727	6,026	-5.0	36.8	39.7
Tennessee.....	4,621	4,126	5,036	26,706	28,055	-4.8	62.9	57.4
<b>West South Central</b> .....	<b>18,880</b>	<b>16,796</b>	<b>19,628</b>	<b>99,320</b>	<b>100,350</b>	<b>-1.0</b>	<b>47.5</b>	<b>47.8</b>
Arkansas.....	2,321	1,983	2,130	11,759	9,876	19.1	55.3	51.9
Louisiana.....	1,912	1,340	2,120	9,058	10,417	-13.0	31.5	34.2
Oklahoma.....	2,379	2,258	3,040	14,625	16,337	-10.5	60.2	66.8
Texas.....	12,269	11,215	12,337	63,878	63,720	.2	47.4	46.8
<b>Mountain</b> .....	<b>15,728</b>	<b>15,388</b>	<b>15,070</b>	<b>97,404</b>	<b>95,716</b>	<b>1.8</b>	<b>68.7</b>	<b>69.6</b>
Arizona.....	3,003	2,987	2,472	17,344	16,186	7.2	44.2	43.0
Colorado.....	2,566	2,437	2,675	15,273	15,767	-3.1	91.0	94.2
Idaho.....	—	—	—	—	—	—	—	—
Montana.....	908	1,154	1,087	7,824	7,761	.8	56.9	59.4
Nevada.....	1,279	877	1,208	7,401	7,136	3.7	62.4	65.1
New Mexico.....	2,183	2,289	2,207	13,832	12,612	9.7	89.6	87.4
Utah.....	2,556	2,861	2,377	16,112	15,481	4.1	94.0	94.6
Wyoming.....	3,232	2,783	3,043	19,618	20,773	-5.6	96.7	96.6
<b>Pacific Contiguous</b> .....	<b>421</b>	<b>866</b>	<b>270</b>	<b>5,114</b>	<b>4,993</b>	<b>2.4</b>	<b>3.8</b>	<b>3.8</b>
California.....	—	—	—	—	—	—	—	—
Oregon.....	147	157	—	1,507	1,182	27.5	5.3	4.7
Washington.....	274	709	270	3,607	3,812	-5.4	6.2	7.5
<b>Pacific Noncontiguous</b> .....	<b>9</b>	<b>18</b>	<b>16</b>	<b>88</b>	<b>97</b>	<b>-9.2</b>	<b>1.6</b>	<b>1.8</b>
Alaska.....	9	18	16	88	97	-9.2	3.6	4.0
Hawaii.....	—	—	—	—	—	—	—	—
<b>U.S. Total</b> .....	<b>152,463</b>	<b>140,032</b>	<b>157,403</b>	<b>858,162</b>	<b>872,651</b>	<b>-1.7</b>	<b>55.2</b>	<b>56.4</b>

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	June 1999	May 1999	June 1998	Year to Date				
				Petroleum Generation			Share of Total (percent)	
				1999	1998	Difference (percent)	1999	1998
<b>New England</b> .....	<b>774</b>	<b>596</b>	<b>1,868</b>	<b>7,553</b>	<b>11,724</b>	<b>-35.6</b>	<b>31.2</b>	<b>34.5</b>
Connecticut.....	522	420	804	4,347	4,442	-2.1	47.7	72.8
Maine.....	NM	NM	180	679	613	10.8	53.8	37.3
Massachusetts.....	NM	-36	744	1,414	5,954	-76.3	29.7	37.5
New Hampshire.....	191	210	139	1,095	674	62.5	17.1	9.5
Rhode Island.....	1	1	1	6	5	39.8	100.0	.3
Vermont.....	7	1	1	11	36	-69.7	.4	2.0
<b>Middle Atlantic</b> .....	<b>1,644</b>	<b>1,290</b>	<b>1,775</b>	<b>9,074</b>	<b>7,371</b>	<b>23.1</b>	<b>5.9</b>	<b>4.8</b>
New Jersey.....	83	27	83	186	167	11.6	1.1	1.1
New York.....	1,191	1,173	1,228	7,181	5,754	24.8	13.0	10.6
Pennsylvania.....	371	90	464	1,707	1,450	17.7	2.1	1.7
<b>East North Central</b> .....	<b>344</b>	<b>324</b>	<b>410</b>	<b>1,467</b>	<b>1,725</b>	<b>-15.0</b>	<b>.6</b>	<b>.7</b>
Illinois.....	37	44	99	156	532	-70.7	.2	.9
Indiana.....	85	55	88	339	443	-23.4	.6	.8
Michigan.....	139	182	141	625	475	31.4	1.5	1.1
Ohio.....	62	31	54	223	175	27.9	.3	.2
Wisconsin.....	21	11	28	124	100	23.9	.5	.4
<b>West North Central</b> .....	<b>161</b>	<b>118</b>	<b>189</b>	<b>718</b>	<b>553</b>	<b>30.0</b>	<b>.6</b>	<b>.4</b>
Iowa.....	22	NM	NM	42	51	-17.0	.2	.3
Kansas.....	30	34	NM	157	46	244.0	.8	.2
Minnesota.....	76	70	73	397	273	45.4	1.9	1.3
Missouri.....	21	8	54	89	116	-23.4	.2	.3
Nebraska.....	NM	NM	10	8	26	-67.4	.1	.2
North Dakota.....	5	2	7	16	30	-45.1	.1	.2
South Dakota.....	3	*	4	9	12	-23.7	.2	.3
<b>South Atlantic</b> .....	<b>4,524</b>	<b>4,258</b>	<b>6,624</b>	<b>24,162</b>	<b>20,500</b>	<b>17.9</b>	<b>7.3</b>	<b>6.2</b>
Delaware.....	89	129	147	954	552	72.9	28.4	19.2
District of Columbia.....	58	2	48	63	81	-21.9	100.0	100.0
Florida.....	3,508	3,071	5,417	18,387	17,091	7.6	23.4	21.8
Georgia.....	77	47	138	270	304	-11.3	.5	.6
Maryland.....	477	546	380	2,435	1,320	84.5	10.3	5.7
North Carolina.....	18	17	33	135	124	8.9	.3	.2
South Carolina.....	24	19	77	109	168	-35.2	.3	.4
Virginia.....	255	411	371	1,730	760	127.6	5.2	2.4
West Virginia.....	18	16	14	79	100	-21.2	.2	.2
<b>East South Central</b> .....	<b>127</b>	<b>199</b>	<b>673</b>	<b>2,487</b>	<b>3,435</b>	<b>-27.6</b>	<b>1.6</b>	<b>2.1</b>
Alabama.....	15	8	16	114	122	-6.9	.2	.2
Kentucky.....	9	9	16	62	67	-7.6	.1	.2
Mississippi.....	65	154	533	2,076	3,008	-31.0	13.4	19.8
Tennessee.....	38	29	108	235	238	-1.2	.6	.5
<b>West South Central</b> .....	<b>29</b>	<b>19</b>	<b>41</b>	<b>427</b>	<b>401</b>	<b>6.3</b>	<b>.2</b>	<b>.2</b>
Arkansas.....	4	5	30	64	50	26.2	.3	.3
Louisiana.....	18	3	2	284	290	-2.2	1.0	1.0
Oklahoma.....	NM	*	NM	2	2	.6	*	*
Texas.....	6	11	8	77	59	31.5	.1	*
<b>Mountain</b> .....	<b>25</b>	<b>19</b>	<b>25</b>	<b>121</b>	<b>117</b>	<b>3.4</b>	<b>.1</b>	<b>.1</b>
Arizona.....	4	5	7	23	35	-33.4	.1	.1
Colorado.....	NM	NM	NM	11	11	-5.6	.1	.1
Idaho.....	*	*	*	*	*	NM	*	*
Montana.....	2	1	1	8	7	8.3	.1	.1
Nevada.....	3	2	2	17	13	30.0	.1	.1
New Mexico.....	3	2	2	23	12	83.7	.1	.1
Utah.....	4	NM	3	15	17	-11.3	.1	.1
Wyoming.....	5	4	5	25	21	15.4	.1	.1
<b>Pacific Contiguous</b> .....	<b>5</b>	<b>6</b>	<b>6</b>	<b>36</b>	<b>51</b>	<b>-29.9</b>	<b>*</b>	<b>*</b>
California.....	NM	NM	4	29	43	-32.3	.1	.1
Oregon.....	1	*	*	4	2	76.2	*	*
Washington.....	1	1	2	3	6	-56.2	*	*
<b>Pacific Noncontiguous</b> .....	<b>630</b>	<b>637</b>	<b>528</b>	<b>3,838</b>	<b>3,371</b>	<b>13.8</b>	<b>67.6</b>	<b>62.2</b>
Alaska.....	NM	NM	40	597	390	53.1	24.6	16.0
Hawaii.....	514	589	488	3,241	2,982	8.7	99.8	99.8
<b>U.S. Total</b> .....	<b>8,263</b>	<b>7,466</b>	<b>12,140</b>	<b>49,883</b>	<b>49,249</b>	<b>1.3</b>	<b>3.2</b>	<b>3.2</b>

\* = 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	June 1999	May 1999	June 1998	Year to Date				
				Gas Generation			Share of Total (percent)	
				1999	1998	Difference (percent)	1999	1998
<b>New England</b> .....	<b>359</b>	<b>269</b>	<b>561</b>	<b>788</b>	<b>3,026</b>	<b>-74.0</b>	<b>3.3</b>	<b>8.9</b>
Connecticut.....	157	105	154	281	415	-32.3	3.1	6.8
Maine.....	—	—	—	—	—	—	—	—
Massachusetts.....	199	NM	213	503	1,142	-56.0	10.5	7.2
New Hampshire.....	2	*	3	4	3	8.7	.1	*
Rhode Island.....	—	—	191	—	1,464	—	—	99.7
Vermont.....	—	—	—	—	1	NM	—	*
<b>Middle Atlantic</b> .....	<b>2,683</b>	<b>2,503</b>	<b>2,971</b>	<b>9,685</b>	<b>9,940</b>	<b>-2.6</b>	<b>6.3</b>	<b>6.5</b>
New Jersey.....	348	215	415	802	1,138	-29.6	4.6	7.2
New York.....	2,158	2,250	2,393	8,586	8,492	1.1	15.6	15.6
Pennsylvania.....	177	39	164	297	311	-4.5	.4	.4
<b>East North Central</b> .....	<b>998</b>	<b>646</b>	<b>1,277</b>	<b>3,662</b>	<b>4,417</b>	<b>-17.1</b>	<b>1.4</b>	<b>1.7</b>
Illinois.....	374	195	634	1,451	2,544	-43.0	2.0	4.4
Indiana.....	99	21	144	234	312	-25.2	.4	.6
Michigan.....	293	290	242	1,229	850	44.5	2.9	2.0
Ohio.....	96	33	75	336	192	75.0	.5	.3
Wisconsin.....	137	107	182	413	519	-20.3	1.6	2.0
<b>West North Central</b> .....	<b>600</b>	<b>370</b>	<b>797</b>	<b>2,152</b>	<b>1,672</b>	<b>28.7</b>	<b>1.7</b>	<b>1.3</b>
Iowa.....	46	19	52	124	161	-23.4	.7	.9
Kansas.....	284	216	407	1,210	817	48.0	6.2	4.1
Minnesota.....	NM	NM	83	239	212	13.1	1.1	1.0
Missouri.....	133	43	178	378	295	28.3	1.0	.8
Nebraska.....	55	NM	54	115	125	-7.9	.8	.9
North Dakota.....	*	*	*	*	*	NM	*	*
South Dakota.....	16	12	24	86	62	39.6	1.8	1.4
<b>South Atlantic</b> .....	<b>4,327</b>	<b>3,799</b>	<b>4,714</b>	<b>18,832</b>	<b>17,128</b>	<b>9.9</b>	<b>5.7</b>	<b>5.2</b>
Delaware.....	290	229	135	1,045	371	181.2	31.1	12.9
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	3,424	3,137	3,499	15,378	14,582	5.5	19.6	18.6
Georgia.....	153	130	397	557	572	-2.5	1.1	1.1
Maryland.....	142	41	119	389	304	28.0	1.6	1.3
North Carolina.....	88	9	224	135	316	-57.1	.3	.6
South Carolina.....	26	6	102	43	161	-73.3	.1	.4
Virginia.....	200	242	234	1,266	805	57.3	3.8	2.6
West Virginia.....	3	5	5	19	18	8.1	*	*
<b>East South Central</b> .....	<b>1,019</b>	<b>750</b>	<b>1,415</b>	<b>3,950</b>	<b>3,459</b>	<b>14.2</b>	<b>2.5</b>	<b>2.1</b>
Alabama.....	168	124	398	611	784	-22.1	1.1	1.4
Kentucky.....	40	19	75	131	213	-38.6	.3	.5
Mississippi.....	772	603	835	3,154	2,315	36.2	20.3	15.3
Tennessee.....	38	4	106	54	146	-63.3	.1	.3
<b>West South Central</b> .....	<b>17,857</b>	<b>14,691</b>	<b>20,546</b>	<b>75,034</b>	<b>70,939</b>	<b>5.8</b>	<b>35.9</b>	<b>33.8</b>
Arkansas.....	497	330	598	1,466	1,467	-.1	6.9	7.7
Louisiana.....	3,280	2,746	3,213	14,114	11,173	26.3	49.1	36.7
Oklahoma.....	1,758	1,421	1,958	7,538	6,147	22.6	31.0	25.1
Texas.....	12,322	10,195	14,777	51,916	52,153	-5	38.5	38.3
<b>Mountain</b> .....	<b>1,602</b>	<b>1,403</b>	<b>1,058</b>	<b>7,301</b>	<b>4,716</b>	<b>54.8</b>	<b>5.1</b>	<b>3.4</b>
Arizona.....	484	387	178	1,849	517	257.5	4.7	1.4
Colorado.....	196	231	82	774	272	184.3	4.6	1.6
Idaho.....	—	—	—	—	—	—	—	—
Montana.....	2	*	2	8	13	-38.6	.1	.1
Nevada.....	617	579	413	3,031	2,199	37.9	25.6	20.1
New Mexico.....	246	194	372	1,458	1,642	-11.2	9.4	11.4
Utah.....	NM	NM	NM	170	50	241.1	1.0	.3
Wyoming.....	6	1	1	11	23	-53.0	.1	.1
<b>Pacific Contiguous</b> .....	<b>1,263</b>	<b>1,308</b>	<b>1,532</b>	<b>10,423</b>	<b>12,153</b>	<b>-14.2</b>	<b>7.7</b>	<b>9.2</b>
California.....	1,166	1,011	1,426	9,522	11,158	-14.7	19.7	19.9
Oregon.....	95	245	104	795	926	-14.1	2.8	3.7
Washington.....	3	52	3	105	70	51.1	.2	.1
<b>Pacific Noncontiguous</b> .....	<b>201</b>	<b>218</b>	<b>183</b>	<b>1,395</b>	<b>1,340</b>	<b>4.1</b>	<b>24.6</b>	<b>24.7</b>
Alaska.....	201	218	183	1,395	1,340	4.1	57.4	55.0
Hawaii.....	—	—	—	—	—	—	—	—
<b>U.S. Total</b> .....	<b>30,908</b>	<b>25,959</b>	<b>35,055</b>	<b>133,221</b>	<b>128,790</b>	<b>3.4</b>	<b>8.6</b>	<b>8.3</b>

\* = 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	June 1999	May 1999	June 1998	Year to Date				
				Hydroelectric Generation			Share of Total (percent)	
				1999	1998	Difference (percent)	1999	1998
<b>New England</b> .....	<b>26</b>	<b>133</b>	<b>446</b>	<b>1,481</b>	<b>2,870</b>	<b>-48.4</b>	<b>6.1</b>	<b>8.4</b>
Connecticut.....	13	35	43	227	290	-21.6	2.5	4.8
Maine.....	—	—	162	582	1,028	-43.3	46.2	62.7
Massachusetts.....	-18	29	32	238	290	-17.7	5.0	1.8
New Hampshire.....	15	33	120	187	698	-73.3	2.9	9.9
Rhode Island.....	—	—	—	—	—	—	—	—
Vermont.....	NM	NM	88	246	564	-56.4	9.3	30.5
<b>Middle Atlantic</b> .....	<b>1,526</b>	<b>1,880</b>	<b>2,316</b>	<b>11,857</b>	<b>15,664</b>	<b>-24.3</b>	<b>7.7</b>	<b>10.2</b>
New Jersey.....	-12	-12	-13	-68	-70	NM	-4	-4
New York.....	1,544	1,793	2,209	11,073	14,259	-22.3	20.1	26.2
Pennsylvania.....	-6	99	119	852	1,474	-42.2	1.0	1.8
<b>East North Central</b> .....	<b>272</b>	<b>436</b>	<b>234</b>	<b>1,740</b>	<b>1,726</b>	<b>.8</b>	<b>.7</b>	<b>.7</b>
Illinois.....	1	1	4	10	21	-53.1	*	*
Indiana.....	32	63	42	242	234	3.6	.4	.4
Michigan.....	50	56	17	328	299	9.7	.8	.7
Ohio.....	29	62	28	223	175	27.8	.3	.2
Wisconsin.....	160	255	143	937	998	-6.1	3.6	3.9
<b>West North Central</b> .....	<b>1,472</b>	<b>1,291</b>	<b>1,073</b>	<b>7,297</b>	<b>6,700</b>	<b>8.9</b>	<b>5.7</b>	<b>5.3</b>
Iowa.....	71	68	77	485	434	11.5	2.7	2.5
Kansas.....	—	—	—	—	—	—	—	—
Minnesota.....	63	91	76	386	377	2.6	1.8	1.8
Missouri.....	328	358	116	1,408	1,258	11.9	3.9	3.5
Nebraska.....	153	145	142	781	814	-4.1	5.5	5.8
North Dakota.....	264	234	223	1,374	1,165	18.0	9.1	8.0
South Dakota.....	593	395	440	2,863	2,652	8.0	58.8	59.3
<b>South Atlantic</b> .....	<b>420</b>	<b>413</b>	<b>921</b>	<b>4,383</b>	<b>11,482</b>	<b>-61.8</b>	<b>1.3</b>	<b>3.5</b>
Delaware.....	—	—	—	—	—	—	—	—
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	*	12	17	89	91	-1.8	.1	.1
Georgia.....	224	161	351	1,395	3,623	-61.5	2.8	7.1
Maryland.....	28	91	126	975	1,495	-34.8	4.1	6.4
North Carolina.....	168	166	313	1,327	3,028	-56.2	2.5	5.5
South Carolina.....	74	-8	73	564	2,308	-75.6	1.3	5.4
Virginia.....	-79	-42	-3	-169	654	NM	-5	2.1
West Virginia.....	6	34	45	201	283	-28.8	.4	.6
<b>East South Central</b> .....	<b>1,079</b>	<b>1,262</b>	<b>2,115</b>	<b>9,782</b>	<b>15,296</b>	<b>-36.0</b>	<b>6.1</b>	<b>9.3</b>
Alabama.....	514	617	750	4,950	7,675	-35.5	9.0	13.6
Kentucky.....	196	278	350	1,561	1,798	-13.2	3.3	4.2
Mississippi.....	—	—	—	—	—	—	—	—
Tennessee.....	370	367	1,015	3,270	5,822	-43.8	7.7	11.9
<b>West South Central</b> .....	<b>749</b>	<b>828</b>	<b>525</b>	<b>4,510</b>	<b>4,917</b>	<b>-8.3</b>	<b>2.2</b>	<b>2.3</b>
Arkansas.....	219	255	312	1,637	1,986	-17.6	7.7	10.4
Louisiana.....	—	—	—	—	—	—	—	—
Oklahoma.....	417	468	115	2,147	1,973	8.8	8.8	8.1
Texas.....	112	106	98	726	958	-24.2	.5	.7
<b>Mountain</b> .....	<b>4,280</b>	<b>4,130</b>	<b>4,444</b>	<b>21,922</b>	<b>21,718</b>	<b>.9</b>	<b>15.5</b>	<b>15.8</b>
Arizona.....	936	1,005	925	4,956	5,797	-14.5	12.6	15.4
Colorado.....	162	168	165	723	693	4.3	4.3	4.1
Idaho.....	1,199	1,260	1,434	7,372	6,776	8.8	100.0	100.0
Montana.....	1,328	1,057	1,365	5,908	5,289	11.7	43.0	40.5
Nevada.....	253	278	267	1,412	1,605	-12.1	11.9	14.7
New Mexico.....	29	25	30	125	158	-20.7	.8	1.1
Utah.....	167	163	132	784	719	8.9	4.6	4.4
Wyoming.....	205	173	127	643	680	-5.4	3.2	3.2
<b>Pacific Contiguous</b> .....	<b>18,215</b>	<b>16,110</b>	<b>18,024</b>	<b>99,911</b>	<b>93,610</b>	<b>6.7</b>	<b>73.9</b>	<b>70.9</b>
California.....	4,074	4,021	5,280	21,997	26,217	-16.1	45.4	46.9
Oregon.....	4,276	3,999	3,839	26,041	22,929	13.6	91.9	91.6
Washington.....	9,865	8,090	8,906	51,874	44,464	16.7	88.9	87.1
<b>Pacific Noncontiguous</b> .....	<b>69</b>	<b>48</b>	<b>118</b>	<b>358</b>	<b>616</b>	<b>-41.9</b>	<b>6.3</b>	<b>11.4</b>
Alaska.....	NM	NM	NM	350	609	-42.6	14.4	25.0
Hawaii.....	1	1	1	8	7	22.0	.2	.2
<b>U.S. Total</b> .....	<b>28,109</b>	<b>26,531</b>	<b>30,216</b>	<b>163,241</b>	<b>174,597</b>	<b>-6.5</b>	<b>10.5</b>	<b>11.3</b>

\* = 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 June 1999 was 2,893 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	June 1999	May 1999	June 1998	Year to Date				
				Nuclear Generation			Share of Total (percent)	
				1999	1998	Difference (percent)	1999	1998
<b>New England</b> .....	<b>1,818</b>	<b>1,039</b>	<b>972</b>	<b>11,710</b>	<b>7,898</b>	<b>48.3</b>	<b>48.4</b>	<b>23.2</b>
Connecticut.....	619	196	-29	4,027	-117	NM	44.2	-1.9
Maine.....	—	—	—	—	—	—	—	—
Massachusetts.....	—	85	480	1,860	2,843	-34.6	39.0	17.9
New Hampshire.....	836	375	280	3,564	4,007	-11.1	55.6	56.7
Rhode Island.....	—	—	—	—	—	—	—	—
Vermont.....	363	384	241	2,259	1,165	93.8	85.4	62.9
<b>Middle Atlantic</b> .....	<b>11,848</b>	<b>10,698</b>	<b>8,764</b>	<b>67,157</b>	<b>54,002</b>	<b>24.4</b>	<b>43.4</b>	<b>35.2</b>
New Jersey.....	2,654	1,946	2,719	13,515	12,303	9.9	77.7	77.5
New York.....	3,182	2,995	1,908	19,292	14,647	31.7	35.0	26.9
Pennsylvania.....	6,012	5,758	4,136	34,349	27,051	27.0	41.8	32.5
<b>East North Central</b> .....	<b>11,416</b>	<b>9,744</b>	<b>8,402</b>	<b>57,676</b>	<b>40,366</b>	<b>42.9</b>	<b>21.6</b>	<b>15.9</b>
Illinois.....	7,494	6,521	5,107	37,136	21,824	70.2	51.3	37.7
Indiana.....	—	—	—	—	—	—	—	—
Michigan.....	1,340	1,054	1,124	7,668	6,650	15.3	17.9	15.9
Ohio.....	1,493	1,191	1,463	7,380	7,952	-7.2	10.5	10.7
Wisconsin.....	1,089	977	708	5,492	3,939	39.4	21.0	15.5
<b>West North Central</b> .....	<b>3,969</b>	<b>3,302</b>	<b>3,790</b>	<b>22,434</b>	<b>20,182</b>	<b>11.2</b>	<b>17.5</b>	<b>15.9</b>
Iowa.....	249	377	370	1,961	1,542	27.2	11.0	8.8
Kansas.....	852	565	850	3,995	5,170	-22.7	20.6	25.9
Minnesota.....	1,160	580	937	6,082	5,627	8.1	29.0	26.9
Missouri.....	817	848	828	4,998	3,567	40.1	13.9	10.0
Nebraska.....	891	932	805	5,398	4,275	26.3	38.2	30.3
North Dakota.....	—	—	—	—	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—
<b>South Atlantic</b> .....	<b>15,835</b>	<b>14,174</b>	<b>15,938</b>	<b>93,685</b>	<b>94,173</b>	<b>-5</b>	<b>28.4</b>	<b>28.7</b>
Delaware.....	—	—	—	—	—	—	—	—
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	2,626	2,788	2,787	16,197	15,580	4.0	20.6	19.8
Georgia.....	2,559	2,694	2,622	14,622	15,374	-4.9	29.0	30.0
Maryland.....	1,229	921	1,041	6,120	6,136	-3	25.8	26.3
North Carolina.....	3,397	3,096	2,502	18,655	18,943	-1.5	35.3	34.4
South Carolina.....	3,554	2,693	4,531	24,087	24,549	-1.9	57.6	57.9
Virginia.....	2,469	1,982	2,454	14,003	13,591	3.0	42.4	43.7
West Virginia.....	—	—	—	—	—	—	—	—
<b>East South Central</b> .....	<b>6,045</b>	<b>5,592</b>	<b>5,974</b>	<b>32,047</b>	<b>33,351</b>	<b>-3.9</b>	<b>20.1</b>	<b>20.3</b>
Alabama.....	2,732	2,471	2,663	15,267	14,910	2.4	27.8	26.3
Kentucky.....	—	—	—	—	—	—	—	—
Mississippi.....	884	924	884	4,593	3,822	20.2	29.5	25.2
Tennessee.....	2,429	2,197	2,427	12,186	14,619	-16.6	28.7	29.9
<b>West South Central</b> .....	<b>5,296</b>	<b>5,571</b>	<b>6,055</b>	<b>29,736</b>	<b>33,483</b>	<b>-11.2</b>	<b>14.2</b>	<b>15.9</b>
Arkansas.....	1,247	1,295	1,230	6,336	5,651	12.1	29.8	29.7
Louisiana.....	731	822	1,465	5,268	8,538	-38.3	18.3	28.1
Oklahoma.....	—	—	—	—	—	—	—	—
Texas.....	3,318	3,454	3,360	18,132	19,294	-6.0	13.5	14.2
<b>Mountain</b> .....	<b>2,640</b>	<b>2,700</b>	<b>2,700</b>	<b>15,036</b>	<b>15,085</b>	<b>-3</b>	<b>10.6</b>	<b>11.0</b>
Arizona.....	2,640	2,700	2,700	15,036	15,085	-3	38.3	40.1
Colorado.....	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—
Nevada.....	—	—	—	—	—	—	—	—
New Mexico.....	—	—	—	—	—	—	—	—
Utah.....	—	—	—	—	—	—	—	—
Wyoming.....	—	—	—	—	—	—	—	—
<b>Pacific Contiguous</b> .....	<b>3,159</b>	<b>2,989</b>	<b>3,137</b>	<b>17,881</b>	<b>18,791</b>	<b>-4.8</b>	<b>13.2</b>	<b>14.2</b>
California.....	3,167	2,995	3,137	15,258	16,227	-6.0	31.5	29.0
Oregon.....	—	—	—	—	—	—	—	—
Washington.....	-8	-5	*	2,623	2,564	2.3	4.5	5.0
<b>Pacific Noncontiguous</b> .....	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—
<b>U.S. Total</b> .....	<b>62,025</b>	<b>55,809</b>	<b>55,732</b>	<b>347,361</b>	<b>317,330</b>	<b>9.5</b>	<b>22.3</b>	<b>20.5</b>

\* = 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	June 1999	May 1999	June 1998	Year to Date				
				Other Generation			Share of Total (percent)	
				1999	1998	Difference (percent)	1999	1998
<b>New England</b> .....	<b>68</b>	<b>76</b>	<b>39</b>	<b>355</b>	<b>293</b>	<b>21.0</b>	<b>1.5</b>	<b>0.9</b>
Connecticut.....	40	42	29	227	209	8.8	2.5	3.4
Maine.....	*	*	—	*	—	NM	*	—
Massachusetts.....	—	—	—	—	—	—	—	—
New Hampshire.....	—	—	—	—	—	—	—	—
Rhode Island.....	—	—	—	—	—	—	—	—
Vermont.....	29	34	10	128	85	51.0	4.8	4.6
<b>Middle Atlantic</b> .....	<b>—</b>	<b>—</b>	<b>1</b>	<b>*</b>	<b>1</b>	<b>NM</b>	<b>*</b>	<b>*</b>
New Jersey.....	—	—	—	—	—	—	—	—
New York.....	—	—	1	*	1	NM	*	*
Pennsylvania.....	—	—	—	—	—	—	—	—
<b>East North Central</b> .....	<b>34</b>	<b>31</b>	<b>37</b>	<b>182</b>	<b>214</b>	<b>-15.0</b>	<b>.1</b>	<b>.1</b>
Illinois.....	—	—	—	—	—	—	—	—
Indiana.....	—	—	—	—	—	—	—	—
Michigan.....	—	—	—	—	—	—	—	—
Ohio.....	—	—	—	—	—	—	—	—
Wisconsin.....	34	31	37	182	214	-15.0	.7	.8
<b>West North Central</b> .....	<b>44</b>	<b>43</b>	<b>41</b>	<b>239</b>	<b>253</b>	<b>-5.4</b>	<b>.2</b>	<b>.2</b>
Iowa.....	2	1	2	8	7	9.8	*	*
Kansas.....	—	—	—	—	—	—	—	—
Minnesota.....	35	40	37	205	214	-4.0	1.0	1.0
Missouri.....	8	2	3	26	32	-18.4	.1	.1
Nebraska.....	—	—	—	—	—	—	—	—
North Dakota.....	—	—	—	—	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—
<b>South Atlantic</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Delaware.....	—	—	—	—	—	—	—	—
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	—	—	—	—	—	—	—	—
Georgia.....	—	—	—	—	—	—	—	—
Maryland.....	—	—	—	—	—	—	—	—
North Carolina.....	—	—	—	—	—	—	—	—
South Carolina.....	—	—	—	—	—	—	—	—
Virginia.....	—	—	—	—	—	—	—	—
West Virginia.....	—	—	—	—	—	—	—	—
<b>East South Central</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Alabama.....	—	—	—	—	—	—	—	—
Kentucky.....	—	—	—	—	—	—	—	—
Mississippi.....	—	—	—	—	—	—	—	—
Tennessee.....	—	—	—	—	—	—	—	—
<b>West South Central</b> .....	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>NM</b>	<b>*</b>	<b>*</b>
Arkansas.....	—	—	—	—	—	—	—	—
Louisiana.....	—	—	—	—	—	—	—	—
Oklahoma.....	—	—	—	—	—	—	—	—
Texas.....	*	*	*	*	*	NM	*	*
<b>Mountain</b> .....	<b>3</b>	<b>4</b>	<b>12</b>	<b>52</b>	<b>90</b>	<b>-41.9</b>	<b>*</b>	<b>.1</b>
Arizona.....	—	—	—	—	—	—	—	—
Colorado.....	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—
Nevada.....	—	—	—	—	—	—	—	—
New Mexico.....	—	—	—	—	—	—	—	—
Utah.....	3	4	12	52	90	-41.9	.3	.5
Wyoming.....	—	—	—	—	—	—	—	—
<b>Pacific Contiguous</b> .....	<b>26</b>	<b>52</b>	<b>352</b>	<b>1,765</b>	<b>2,445</b>	<b>-27.8</b>	<b>1.3</b>	<b>1.9</b>
California.....	22	24	352	1,648	2,302	-28.4	3.4	4.1
Oregon.....	—	—	—	—	—	—	—	—
Washington.....	4	28	*	116	143	-18.7	.2	.3
<b>Pacific Noncontiguous</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Alaska.....	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—
<b>U.S. Total</b> .....	<b>176</b>	<b>206</b>	<b>483</b>	<b>2,593</b>	<b>3,296</b>	<b>-21.3</b>	<b>.2</b>	<b>.2</b>

\* = 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 June 1999

Period	Coal (thousand short tons)				Petroleum (thousand barrels)			Petroleum Coke (thousand short tons)	Gas (thousand Mcf)
	Anthracite <sup>1</sup>	Bituminous <sup>2</sup>	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
<b>1997</b>									
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
<b>Total.....</b>	<b>1,013</b>	<b>821,823</b>	<b>77,524</b>	<b>900,361</b>	<b>15,157</b>	<b>109,989</b>	<b>125,146</b>	<b>1400</b>	<b>2,968,453</b>
<b>1998</b>									
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
<b>Total.....</b>	<b>867</b>	<b>832,094</b>	<b>77,906</b>	<b>910,867</b>	<b>22,041</b>	<b>156,573</b>	<b>178,614</b>	<b>1769</b>	<b>3,258,054</b>
<b>1999</b>									
January.....	58	71,970	6,842	78,870	2,419	14,333	16,752	130	178,592
February.....	61	61,507	5,921	67,489	905	12,128	13,034	108	151,958
March.....	71	65,536	5,314	70,922	1,119	12,601	13,719	137	206,430
April.....	65	61,820	5,264	67,149	1,769	10,107	11,876	123	255,694
May.....	1	64,708	6,046	70,755	1,311	10,713	12,024	138	272,705
June.....	40	69,954	6,807	76,801	2,306	11,895	14,201	139	323,665
<b>Total.....</b>	<b>297</b>	<b>395,495</b>	<b>36,194</b>	<b>431,987</b>	<b>9,829</b>	<b>71,777</b>	<b>81,605</b>	<b>776</b>	<b>1,389,043</b>
<b>Year to Date</b>									
<b>1999.....</b>	<b>297</b>	<b>395,495</b>	<b>36,194</b>	<b>431,987</b>	<b>9,829</b>	<b>71,777</b>	<b>81,605</b>	<b>776</b>	<b>1,389,043</b>
<b>1998.....</b>	<b>476</b>	<b>401,391</b>	<b>36,923</b>	<b>438,789</b>	<b>9,330</b>	<b>69,758</b>	<b>79,088</b>	<b>858</b>	<b>1,358,340</b>
<b>1997.....</b>	<b>512</b>	<b>389,077</b>	<b>36,826</b>	<b>426,414</b>	<b>6,845</b>	<b>45,227</b>	<b>52,073</b>	<b>528</b>	<b>1,194,198</b>

<sup>1</sup> Includes anthracite silt stored off-site.

<sup>2</sup> 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	June 1999	May 1999	June 1998	Year to Date		
				1999	1998	Difference (percent)
ECAR.....	18,919	17,057	18,788	105,823	106,999	-1.1
ERCOT.....	6,896	6,270	6,927	36,335	36,435	-3
MAAC.....	3,118	2,378	3,930	18,787	21,839	-14.0
MAIN.....	6,604	6,012	6,867	36,988	36,467	1.4
MAPP (U.S.).....	6,712	6,433	6,449	39,567	41,241	-4.1
NPCC (U.S.).....	312	521	1,307	5,050	7,543	-33.0
SERC.....	14,744	13,451	15,019	76,505	74,582	2.6
FRCC.....	2,067	1,856	2,210	10,234	11,542	NM
SPP.....	9,088	8,295	9,674	49,205	50,559	-2.7
WSCC (U.S.).....	8,333	8,467	7,830	53,415	51,488	3.7
<b>Contiguous U.S.</b> .....	<b>76,793</b>	<b>70,740</b>	<b>79,001</b>	<b>431,908</b>	<b>438,695</b>	<b>-1.5</b>
ASCC.....	8	16	15	79	95	-16.5
Hawaii.....	—	—	—	—	—	—
<b>U.S. Total</b> .....	<b>76,801</b>	<b>70,755</b>	<b>79,016</b>	<b>431,987</b>	<b>438,789</b>	<b>-1.6</b>

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	June 1999	May 1999	June 1998	Year to Date		
				1999	1998	Difference (percent)
ECAR.....	527	482	518	2,273	1,822	24.8
ERCOT.....	8	14	15	121	107	12.7
MAAC.....	1,888	1,359	1,940	9,281	6,021	54.1
MAIN.....	102	59	246	460	1,023	-55.0
MAPP (U.S.).....	107	30	155	295	457	-35.4
NPCC (U.S.).....	3,832	3,478	5,152	25,951	28,946	-10.3
SERC.....	771	851	1,510	4,440	3,457	28.4
FRCC.....	5,207	4,353	8,455	27,571	25,613	NM
SPP.....	428	306	1,012	4,287	5,486	-21.9
WSCC (U.S.).....	56	51	53	305	320	-4.8
<b>Contiguous U.S.</b> .....	<b>12,928</b>	<b>10,983</b>	<b>19,054</b>	<b>74,983</b>	<b>73,252</b>	<b>2.4</b>
ASCC.....	397	74	82	1,126	681	65.3
Hawaii.....	877	967	848	5,496	5,156	6.6
<b>U.S. Total</b> .....	<b>14,201</b>	<b>12,024</b>	<b>19,984</b>	<b>81,605</b>	<b>79,088</b>	<b>3.2</b>

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	June 1999	May 1999	June 1998	Year to Date		
				1999	1998	Difference (percent)
ECAR.....	8,604	6,586	8,916	35,105	31,740	10.6
ERCOT.....	104,654	84,250	130,163	420,063	434,594	-3.3
MAAC.....	9,804	4,981	8,873	24,963	22,815	9.4
MAIN.....	6,766	4,141	9,851	25,284	37,489	-32.6
MAPP (U.S.).....	2,444	1,394	3,128	7,730	8,209	-5.8
NPCC (U.S.).....	26,113	26,067	29,432	97,303	116,873	-16.7
SERC.....	12,984	10,189	24,682	54,075	56,239	-3.8
FRCC.....	29,230	29,186	32,612	133,650	127,561	NM
SPP.....	92,529	75,764	102,024	397,030	334,089	18.8
WSCC (U.S.).....	28,339	27,848	26,826	179,286	174,367	2.8
<b>Contiguous U.S.</b> .....	<b>321,468</b>	<b>270,406</b>	<b>376,506</b>	<b>1,374,488</b>	<b>1,343,975</b>	<b>2.3</b>
ASCC.....	2,197	2,299	2,101	14,555	14,366	1.3
Hawaii.....	—	—	—	—	—	—
<b>U.S. Total</b> .....	<b>323,665</b>	<b>272,705</b>	<b>378,607</b>	<b>1,389,043</b>	<b>1,358,340</b>	<b>2.3</b>

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	June 1999	May 1999	June 1998	Year to Date		
				1999	1998	Difference (percent)
<b>New England</b> .....	<b>132</b>	<b>147</b>	<b>507</b>	<b>900</b>	<b>3,198</b>	<b>-71.9</b>
Connecticut.....	—	—	—	—	343	NM
Maine.....	—	—	—	—	—	—
Massachusetts.....	60	55	370	292	2,156	-86.5
New Hampshire.....	71	92	137	609	699	-13.0
Rhode Island.....	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	<b>3,125</b>	<b>2,630</b>	<b>4,820</b>	<b>22,712</b>	<b>26,850</b>	<b>-15.4</b>
New Jersey.....	207	75	216	1,168	966	21.0
New York.....	180	373	814	3,603	4,484	-19.7
Pennsylvania.....	2,738	2,182	3,791	17,941	21,399	-16.2
<b>East North Central</b> .....	<b>17,749</b>	<b>16,311</b>	<b>17,786</b>	<b>98,291</b>	<b>99,615</b>	<b>-1.3</b>
Illinois.....	3,301	3,256	3,423	18,495	17,674	4.6
Indiana.....	4,967	4,251	4,782	26,438	26,561	-.5
Michigan.....	2,985	2,565	2,890	16,000	16,515	-3.1
Ohio.....	4,548	4,596	4,606	26,175	27,728	-5.6
Wisconsin.....	1,948	1,643	2,084	11,184	11,138	.4
<b>West North Central</b> .....	<b>10,937</b>	<b>10,222</b>	<b>10,515</b>	<b>61,912</b>	<b>62,927</b>	<b>-1.6</b>
Iowa.....	1,727	1,483	1,385	9,485	9,623	-1.4
Kansas.....	1,631	1,482	1,612	8,916	8,779	1.6
Minnesota.....	1,489	1,433	1,458	8,150	8,531	-4.5
Missouri.....	3,132	2,867	3,192	17,462	17,886	-2.4
Nebraska.....	892	845	896	4,981	5,594	-11.0
North Dakota.....	1,884	1,927	1,807	11,796	11,471	2.8
South Dakota.....	182	185	165	1,123	1,045	7.5
<b>South Atlantic</b> .....	<b>14,323</b>	<b>12,945</b>	<b>14,798</b>	<b>75,614</b>	<b>75,409</b>	<b>.3</b>
Delaware.....	86	75	143	618	814	-24.1
District of Columbia.....	—	—	—	—	—	—
Florida.....	2,404	2,158	2,534	11,847	13,173	-10.1
Georgia.....	2,942	2,661	3,166	14,715	14,196	3.7
Maryland.....	978	737	973	5,130	5,409	-5.1
North Carolina.....	2,467	2,362	2,623	12,451	12,672	-1.7
South Carolina.....	1,225	1,186	1,290	6,587	6,054	8.8
Virginia.....	1,143	1,020	1,054	6,263	6,009	4.2
West Virginia.....	3,077	2,744	3,015	18,002	17,082	5.4
<b>East South Central</b> .....	<b>9,198</b>	<b>8,241</b>	<b>9,047</b>	<b>49,141</b>	<b>47,270</b>	<b>4.0</b>
Alabama.....	3,196	2,654	2,927	15,322	14,517	5.5
Kentucky.....	3,619	3,282	3,378	20,021	17,953	11.5
Mississippi.....	558	524	583	2,643	2,939	-10.1
Tennessee.....	1,824	1,781	2,158	11,155	11,861	-5.9
<b>West South Central</b> .....	<b>12,623</b>	<b>11,436</b>	<b>13,187</b>	<b>67,158</b>	<b>68,248</b>	<b>-1.6</b>
Arkansas.....	1,437	1,217	1,286	7,147	6,168	15.9
Louisiana.....	1,272	845	1,355	5,896	6,907	-14.6
Oklahoma.....	1,372	1,376	1,851	8,756	9,870	-11.3
Texas.....	8,543	7,998	8,695	45,359	45,303	.1
<b>Mountain</b> .....	<b>8,434</b>	<b>8,434</b>	<b>8,149</b>	<b>52,826</b>	<b>51,891</b>	<b>1.8</b>
Arizona.....	1,490	1,476	1,259	8,687	8,203	5.9
Colorado.....	1,414	1,338	1,413	8,372	8,374	*
Idaho.....	—	—	—	—	—	—
Montana.....	585	742	718	5,009	4,952	1.1
Nevada.....	595	411	576	3,401	3,330	2.1
New Mexico.....	1,248	1,297	1,269	8,099	7,310	10.8
Utah.....	1,088	1,232	1,027	7,031	6,901	1.9
Wyoming.....	2,012	1,752	1,886	12,227	12,822	-4.6
<b>Pacific Contiguous</b> .....	<b>273</b>	<b>559</b>	<b>193</b>	<b>3,354</b>	<b>3,287</b>	<b>2.1</b>
California.....	—	—	—	—	—	—
Oregon.....	87	92	—	907	747	21.5
Washington.....	186	467	193	2,447	2,540	-3.7
<b>Pacific Noncontiguous</b> .....	<b>8</b>	<b>16</b>	<b>15</b>	<b>79</b>	<b>95</b>	<b>-16.5</b>
Alaska.....	8	16	15	79	95	-16.5
Hawaii.....	—	—	—	—	—	—
<b>U.S. Total</b> .....	<b>76,801</b>	<b>70,755</b>	<b>79,016</b>	<b>431,987</b>	<b>438,789</b>	<b>-1.6</b>

\* = 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. •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	June 1999	May 1999	June 1998	Year to Date		
				1999	1998	Difference (percent)
<b>New England</b> .....	<b>1,482</b>	<b>996</b>	<b>3,131</b>	<b>12,040</b>	<b>19,453</b>	<b>-38.1</b>
Connecticut.....	994	721	1,409	7,460	7,534	-1.0
Maine.....	NM	NM	317	1,172	1,074	9.1
Massachusetts.....	NM	-100	1,175	1,427	9,571	-85.1
New Hampshire.....	333	367	224	1,937	1,168	65.8
Rhode Island.....	2	2	2	10	10	-3.3
Vermont.....	19	4	3	33	96	-65.1
<b>Middle Atlantic</b> .....	<b>2,861</b>	<b>2,344</b>	<b>2,933</b>	<b>15,867</b>	<b>12,014</b>	<b>32.1</b>
New Jersey.....	181	60	180	443	404	9.7
New York.....	2,048	2,094	2,023	12,475	9,499	31.3
Pennsylvania.....	633	190	729	2,949	2,112	39.6
<b>East North Central</b> .....	<b>548</b>	<b>501</b>	<b>668</b>	<b>2,417</b>	<b>2,492</b>	<b>-3.0</b>
Illinois.....	68	43	173	250	843	-70.3
Indiana.....	48	36	65	240	218	9.9
Michigan.....	285	353	289	1,302	960	35.6
Ohio.....	111	58	85	434	306	42.1
Wisconsin.....	35	11	56	189	164	15.3
<b>West North Central</b> .....	<b>192</b>	<b>116</b>	<b>294</b>	<b>752</b>	<b>736</b>	<b>2.3</b>
Iowa.....	51	NM	49	107	123	-13.1
Kansas.....	60	70	NM	320	114	179.9
Minnesota.....	12	12	25	52	87	-40.0
Missouri.....	46	19	129	202	269	-24.9
Nebraska.....	NM	NM	20	20	55	-64.5
North Dakota.....	10	5	14	31	56	-44.8
South Dakota.....	7	1	11	20	31	-33.6
<b>South Atlantic</b> .....	<b>7,278</b>	<b>6,591</b>	<b>10,784</b>	<b>38,520</b>	<b>32,084</b>	<b>20.1</b>
Delaware.....	153	213	244	1,594	912	74.9
District of Columbia.....	132	7	109	158	187	-15.1
Florida.....	5,401	4,577	8,470	28,365	25,635	10.6
Georgia.....	163	100	378	567	823	-31.2
Maryland.....	887	964	692	4,411	2,450	80.1
North Carolina.....	37	32	81	276	279	-1.1
South Carolina.....	67	38	193	261	401	-35.0
Virginia.....	408	630	594	2,754	1,231	123.7
West Virginia.....	31	30	23	134	167	-19.8
<b>East South Central</b> .....	<b>260</b>	<b>300</b>	<b>1,105</b>	<b>3,996</b>	<b>5,440</b>	<b>-26.5</b>
Alabama.....	31	15	28	207	219	-5.8
Kentucky.....	22	18	37	126	142	-11.1
Mississippi.....	133	207	816	3,226	4,613	-30.1
Tennessee.....	73	59	224	437	465	-6.1
<b>West South Central</b> .....	<b>223</b>	<b>43</b>	<b>78</b>	<b>918</b>	<b>695</b>	<b>32.0</b>
Arkansas.....	10	9	56	115	98	17.7
Louisiana.....	203	6	5	647	471	37.4
Oklahoma.....	NM	1	1	4	7	-39.0
Texas.....	10	27	16	152	120	26.6
<b>Mountain</b> .....	<b>49</b>	<b>36</b>	<b>47</b>	<b>240</b>	<b>226</b>	<b>6.1</b>
Arizona.....	7	9	13	42	63	-32.7
Colorado.....	9	8	7	26	27	-2.6
Idaho.....	*	*	*	*	*	NM
Montana.....	5	*	4	15	17	-8.5
Nevada.....	5	4	3	38	26	45.5
New Mexico.....	6	4	4	44	24	84.3
Utah.....	NM	NM	6	27	30	-10.0
Wyoming.....	9	8	10	47	39	19.1
<b>Pacific Contiguous</b> .....	<b>10</b>	<b>17</b>	<b>13</b>	<b>82</b>	<b>113</b>	<b>-27.1</b>
California.....	NM	NM	9	69	92	-24.5
Oregon.....	3	1	*	8	6	43.4
Washington.....	1	1	3	5	16	-66.5
<b>Pacific Noncontiguous</b> .....	<b>1,299</b>	<b>1,080</b>	<b>930</b>	<b>6,773</b>	<b>5,835</b>	<b>16.1</b>
Alaska.....	NM	NM	82	1,141	681	67.5
Hawaii.....	901	1,004	848	5,632	5,154	9.3
<b>U.S. Total</b> .....	<b>14,201</b>	<b>12,024</b>	<b>19,984</b>	<b>81,605</b>	<b>79,088</b>	<b>3.2</b>

\* = 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. •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	June 1999	May 1999	June 1998	Year to Date		
				1999	1998	Difference (percent)
<b>New England</b> .....	<b>3,645</b>	<b>2,900</b>	<b>5,368</b>	<b>8,194</b>	<b>27,331</b>	<b>-70.0</b>
Connecticut.....	1,798	1,311	1,708	3,346	4,518	-26.0
Maine.....	—	—	—	—	—	—
Massachusetts.....	1,820	NM	2,164	4,741	11,511	-58.8
New Hampshire.....	24	16	35	89	62	44.2
Rhode Island.....	—	—	1,453	—	11,101	—
Vermont.....	2	1	7	18	140	-86.8
<b>Middle Atlantic</b> .....	<b>27,986</b>	<b>25,657</b>	<b>30,400</b>	<b>100,668</b>	<b>105,551</b>	<b>-4.6</b>
New Jersey.....	3,439	2,070	4,303	8,218	12,256	-32.9
New York.....	22,476	23,122	24,080	88,950	89,507	-6
Pennsylvania.....	2,071	465	2,017	3,499	3,787	-7.6
<b>East North Central</b> .....	<b>14,591</b>	<b>10,296</b>	<b>17,787</b>	<b>57,995</b>	<b>66,512</b>	<b>-12.8</b>
Illinois.....	4,828	2,672	7,325	19,484	30,584	-36.3
Indiana.....	1,174	245	1,732	2,819	3,736	-24.5
Michigan.....	5,206	5,210	5,074	25,047	22,286	12.4
Ohio.....	1,488	737	1,103	4,999	2,804	78.2
Wisconsin.....	1,895	1,432	2,554	5,646	7,103	-20.5
<b>West North Central</b> .....	<b>7,586</b>	<b>4,646</b>	<b>10,303</b>	<b>26,702</b>	<b>21,883</b>	<b>22.0</b>
Iowa.....	646	278	749	1,798	2,398	-25.0
Kansas.....	3,543	2,800	5,133	14,760	10,634	38.8
Minnesota.....	NM	NM	979	2,704	2,458	10.0
Missouri.....	1,710	496	2,425	4,764	3,957	20.4
Nebraska.....	745	NM	702	1,492	1,611	-7.4
North Dakota.....	—	—	—	—	—	NM
South Dakota.....	213	215	315	1,184	825	43.6
<b>South Atlantic</b> .....	<b>39,054</b>	<b>35,933</b>	<b>48,235</b>	<b>168,945</b>	<b>157,723</b>	<b>7.1</b>
Delaware.....	2,531	2,052	1,196	8,987	3,447	160.7
District of Columbia.....	—	—	—	—	—	—
Florida.....	29,566	29,547	33,183	134,835	128,565	4.9
Georgia.....	1,722	1,374	4,959	6,397	7,200	-11.1
Maryland.....	1,826	478	1,396	4,556	3,486	30.7
North Carolina.....	1,102	131	3,788	1,716	4,929	-65.2
South Carolina.....	389	76	1,413	657	2,287	-71.3
Virginia.....	1,885	2,229	2,253	11,603	7,633	52.0
West Virginia.....	32	48	46	195	177	10.3
<b>East South Central</b> .....	<b>12,859</b>	<b>11,066</b>	<b>17,544</b>	<b>53,013</b>	<b>46,542</b>	<b>13.9</b>
Alabama.....	1,937	1,289	4,763	6,509	8,803	-26.1
Kentucky.....	500	214	950	1,580	2,580	-38.7
Mississippi.....	9,827	9,505	10,629	44,131	33,526	31.6
Tennessee.....	594	58	1,202	793	1,633	-51.4
<b>West South Central</b> .....	<b>186,092</b>	<b>151,516</b>	<b>219,510</b>	<b>774,360</b>	<b>744,822</b>	<b>4.0</b>
Arkansas.....	5,602	3,982	6,618	16,137	16,373	-1.4
Louisiana.....	34,541	29,398	38,806	149,715	129,888	15.3
Oklahoma.....	18,440	13,921	20,703	76,145	63,393	20.1
Texas.....	127,509	104,215	153,383	532,362	535,167	-5
<b>Mountain</b> .....	<b>16,341</b>	<b>14,095</b>	<b>11,151</b>	<b>74,477</b>	<b>50,094</b>	<b>48.7</b>
Arizona.....	5,287	4,279	1,986	20,269	6,268	223.4
Colorado.....	1,817	1,987	914	7,488	3,419	119.0
Idaho.....	—	—	—	—	—	—
Montana.....	32	6	26	110	171	-35.6
Nevada.....	5,834	5,642	4,036	28,838	21,729	32.7
New Mexico.....	2,706	2,011	4,019	15,494	17,289	-10.4
Utah.....	NM	166	NM	2,164	985	119.7
Wyoming.....	68	6	10	114	233	-51.3
<b>Pacific Contiguous</b> .....	<b>13,324</b>	<b>14,306</b>	<b>16,207</b>	<b>110,179</b>	<b>123,517</b>	<b>-10.8</b>
California.....	12,409	11,714	15,338	102,338	115,518	-11.4
Oregon.....	876	2,032	835	6,664	7,181	-7.2
Washington.....	39	560	33	1,177	817	44.0
<b>Pacific Noncontiguous</b> .....	<b>2,189</b>	<b>2,290</b>	<b>2,102</b>	<b>14,511</b>	<b>14,365</b>	<b>1.0</b>
Alaska.....	2,189	2,290	2,102	14,511	14,365	1.0
Hawaii.....	—	—	—	—	—	—
<b>U.S. Total</b> .....	<b>323,665</b>	<b>272,705</b>	<b>378,607</b>	<b>1,389,043</b>	<b>1,358,340</b>	<b>2.3</b>

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 June 1999

Period	Coal (thousand short tons)				Petroleum (thousand barrels)			Petroleum Coke (thousand short tons)
	Anthracite <sup>1</sup>	Bituminous <sup>2</sup>	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
<b>1997</b>								
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
<b>1998</b>								
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
<b>1999</b>								
January .....	W	113,679	W	120,190	16,289	36,526	52,814	548
February .....	W	121,565	W	128,256	16,128	36,359	52,488	568
March .....	W	129,010	W	135,732	15,759	36,183	51,943	540
April .....	W	133,357	W	140,545	16,522	34,749	51,271	592
May .....	W	136,992	W	144,297	16,782	33,545	50,328	582
June .....	W	134,897	W	142,232	16,851	34,267	51,118	690

<sup>1</sup> Anthracite includes anthracite silt stored off-site.

<sup>2</sup> 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	June 1999	May 1999	June 1998	Monthly Difference (percent)	Yearly Difference (percent)
ECAR.....	35,021	35,373	30,883	-1.0	13.4
ERCOT.....	8,539	8,370	5,803	2.0	47.1
MAAC.....	7,554	8,002	8,153	-5.6	-7.3
MAIN.....	14,514	15,188	13,582	-4.4	6.9
MAPP (U.S.).....	12,286	11,938	9,650	2.9	27.3
NPCC (U.S.).....	1,097	1,368	1,918	-19.8	-42.8
SERC.....	23,606	23,679	18,393	-3	28.3
FRCC.....	5,144	5,306	4,105	-3.1	NM
SPP.....	21,053	22,387	12,700	-6.0	65.8
WSCC (U.S.).....	13,417	12,685	12,571	5.8	6.7
<b>Contiguous U.S.</b> .....	<b>142,232</b>	<b>144,297</b>	<b>117,758</b>	<b>-1.4</b>	<b>20.8</b>
ASCC.....	—	—	—	NM	NM
Hawaii.....	—	—	—	—	—
<b>U.S. Total</b> .....	<b>142,232</b>	<b>144,297</b>	<b>117,758</b>	<b>-1.4</b>	<b>20.8</b>

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	June 1999	May 1999	June 1998	Monthly Difference (percent)	Yearly Difference (percent)
ECAR.....	2,266	2,319	2,163	-2.3	4.8
ERCOT.....	4,340	4,300	4,342	.9	*
MAAC.....	6,360	6,407	5,064	-7	25.6
MAIN.....	W	W	1,310	W	W
MAPP (U.S.).....	W	W	698	W	W
NPCC (U.S.).....	8,622	8,901	9,623	-3.1	-10.4
SERC.....	4,986	3,790	2,852	31.6	74.8
FRCC.....	11,047	11,085	6,411	-3	NM
SPP.....	5,702	5,357	4,944	6.4	15.3
WSCC (U.S.).....	3,950	4,357	5,849	-9.3	-32.5
<b>Contiguous U.S.</b> .....	<b>49,886</b>	<b>49,144</b>	<b>43,255</b>	<b>1.5</b>	<b>15.3</b>
ASCC.....	W	W	240	W	W
Hawaii.....	W	W	1,099	W	W
<b>U.S. Total</b> .....	<b>51,118</b>	<b>50,328</b>	<b>44,594</b>	<b>1.6</b>	<b>14.6</b>

\* = 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.

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**  
(Thousand Short Tons)

Census Division	June 1999	May 1999	June 1998	Monthly Difference (percent)	Yearly Difference (percent)
New England.....	W	W	1,113	W	W
Middle Atlantic.....	9,027	9,625	9,573	-6.2	-5.7
East North Central.....	36,603	37,410	32,316	-2.2	13.3
West North Central.....	21,714	21,939	15,721	-1.0	38.1
South Atlantic.....	25,324	25,464	20,803	-6	21.7
East South Central.....	13,786	14,043	11,786	-1.8	17.0
West South Central.....	21,448	22,268	13,158	-3.7	63.0
Mountain.....	12,410	12,131	11,849	2.3	4.7
Pacific Contiguous.....	W	W	1,438	W	W
Pacific Noncontiguous.....	—	—	—	NM	NM
<b>U.S. Total.....</b>	<b>142,232</b>	<b>144,297</b>	<b>117,758</b>	<b>-1.4</b>	<b>20.8</b>

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**  
(Thousand Barrels)

Census Division	June 1999	May 1999	June 1998	Monthly Difference (percent)	Yearly Difference (percent)
New England.....	1,811	1,881	4,141	-3.7	-56.3
Middle Atlantic.....	10,260	10,483	8,761	-2.1	17.1
East North Central.....	3,545	3,545	3,082	*	15.0
West North Central.....	1,915	1,928	1,599	-7	19.7
South Atlantic.....	17,656	16,643	10,551	6.1	67.3
East South Central.....	3,691	3,301	2,079	11.8	77.6
West South Central.....	7,102	7,020	7,234	1.2	-1.8
Mountain.....	1,031	1,138	972	-9.4	6.0
Pacific Contiguous.....	2,859	3,188	4,835	-10.3	-40.9
Pacific Noncontiguous.....	1,250	1,201	1,339	4.1	-6.7
<b>U.S. Total.....</b>	<b>51,118</b>	<b>50,328</b>	<b>44,594</b>	<b>1.6</b>	<b>14.6</b>

\* = 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. •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, 1989 Through May 1999**

Period	Coal <sup>1</sup>		Petroleum				Gas		All Fossil Fuels <sup>2</sup>
	Receipts (thousand short tons)	Cost (cents/ 10 <sup>6</sup> Btu)	Heavy Oil <sup>3</sup>		Total		Receipts (thousand Mcf)	Cost (cents/ 10 <sup>6</sup> Btu)	Cost (cents/ 10 <sup>6</sup> Btu)
			Receipts (thousand barrels)	Cost (cents/ 10 <sup>6</sup> Btu)	Receipts (thousand barrels)	Cost (cents/ 10 <sup>6</sup> Btu)			
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.....	862,701	128.9	98,926	303.4	106,629	315.7	2,604,663	264.1	151.9
1997									
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
<b>Total.....</b>	<b>880,588</b>	<b>127.3</b>	<b>110,906</b>	<b>278.8</b>	<b>117,789</b>	<b>288.0</b>	<b>2,764,734</b>	<b>276.0</b>	<b>152.2</b>
1998 <sup>4</sup>									
January.....	79,212	125.7	9,569	235.5	10,105	242.4	165,869	275.0	143.3
February.....	70,353	126.2	8,736	206.0	9,255	214.0	124,584	253.4	139.2
March.....	75,678	126.6	10,676	199.3	11,133	204.6	181,034	254.4	142.5
April.....	74,848	126.6	11,749	218.9	12,289	225.0	186,127	259.8	144.7
May.....	75,980	126.3	11,554	215.3	12,185	221.5	252,869	247.1	146.7
June.....	76,605	126.4	13,350	216.8	14,164	222.6	331,124	238.0	149.6
July.....	79,676	125.5	21,016	220.1	21,877	223.9	389,405	247.7	154.5
August.....	82,057	125.8	19,262	202.9	20,107	207.2	389,961	217.8	147.2
September.....	78,854	124.8	12,919	196.0	13,602	202.1	331,911	211.9	142.6
October.....	79,399	123.5	14,952	207.8	15,683	213.7	230,952	223.1	140.1
November.....	77,087	123.8	10,569	198.8	11,192	205.1	164,341	241.0	137.8
December.....	79,700	121.0	12,500	175.5	13,599	183.5	174,780	231.0	134.3
<b>Total.....</b>	<b>929,448</b>	<b>125.2</b>	<b>156,852</b>	<b>207.9</b>	<b>165,191</b>	<b>213.6</b>	<b>2,922,957</b>	<b>238.1</b>	<b>143.8</b>
1999 <sup>4</sup>									
January.....	76,331	122.1	13,215	176.3	14,019	181.9	163,125	225.0	134.6
February.....	73,938	124.7	10,013	166.2	10,417	171.5	138,303	221.5	134.4
March.....	76,743	124.0	10,152	174.8	10,621	180.2	187,476	212.3	135.3
April.....	71,909	124.4	10,647	212.4	11,099	217.6	229,057	224.7	141.3
May.....	74,551	121.8	10,701	230.2	11,289	236.0	253,543	251.6	144.3
<b>Total.....</b>	<b>373,472</b>	<b>123.4</b>	<b>54,730</b>	<b>191.7</b>	<b>57,446</b>	<b>197.2</b>	<b>971,503</b>	<b>228.9</b>	<b>138.1</b>
<b>Year-to-Date</b>									
<b>1999 <sup>4</sup>.....</b>	<b>373,472</b>	<b>123.4</b>	<b>54,730</b>	<b>191.7</b>	<b>57,446</b>	<b>197.2</b>	<b>971,503</b>	<b>228.9</b>	<b>138.1</b>
<b>1998 <sup>4</sup>.....</b>	<b>376,071</b>	<b>126.2</b>	<b>52,283</b>	<b>215.0</b>	<b>54,968</b>	<b>221.4</b>	<b>910,483</b>	<b>257.1</b>	<b>143.4</b>
<b>1997.....</b>	<b>358,271</b>	<b>128.9</b>	<b>37,426</b>	<b>277.4</b>	<b>39,857</b>	<b>288.7</b>	<b>864,473</b>	<b>275.9</b>	<b>148.8</b>

<sup>1</sup> Includes lignite, bituminous coal, subbituminous coal, and anthracite.

<sup>2</sup> 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.

<sup>3</sup> Heavy oil includes Fuel Oil Nos. 4, 5, and 6, and topped crude fuel oil.

<sup>4</sup> Data for 1999 are preliminary. Data for 1998 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 1989-1990 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	May 1999 <sup>1</sup>	April 1999 <sup>1</sup>	May 1998 <sup>1</sup>	Year to Date		
				1999 <sup>1</sup>	1998 <sup>1</sup>	Difference (percent)
ECAR.....	17,858	17,589	18,104	86,382	88,697	-2.6
ERCOT.....	7,299	6,830	7,137	34,709	31,428	10.4
MAAC.....	2,735	2,994	3,453	16,233	18,218	-10.9
MAIN.....	6,498	5,923	6,756	31,567	32,211	-2.0
MAPP (U.S.).....	6,563	5,681	6,454	31,458	31,866	-1.3
NPCC (U.S.).....	578	874	1,287	3,887	6,503	-40.2
SERC.....	13,348	12,544	13,117	66,413	66,637	-3
FRCC.....	1,731	1,729	2,068	9,036	10,104	NM
SPP.....	8,825	8,776	8,634	45,242	42,181	7.3
WSCC (U.S.).....	9,115	8,969	8,970	48,544	48,225	.7
<b>Contiguous U.S.</b> .....	<b>74,551</b>	<b>71,909</b>	<b>75,980</b>	<b>373,472</b>	<b>376,071</b>	<b>-7</b>
ASCC.....	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—
<b>U.S. Total</b> .....	<b>74,551</b>	<b>71,909</b>	<b>75,980</b>	<b>373,472</b>	<b>376,071</b>	<b>-7</b>

<sup>1</sup> Data for 1999 are preliminary. Data for 1998 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	May 1999 <sup>1</sup>	April 1999 <sup>1</sup>	May 1998 <sup>1</sup>	Year to Date		
				1999 <sup>1</sup>	1998 <sup>1</sup>	Difference (percent)
ECAR.....	119.6	124.5	125.3	122.3	124.8	-2.0
ERCOT.....	113.7	120.1	111.3	116.7	120.6	-3.2
MAAC.....	133.3	137.2	137.7	133.7	136.8	-2.3
MAIN.....	125.2	123.1	135.5	127.0	132.7	-4.3
MAPP (U.S.).....	86.8	89.8	91.8	84.3	87.9	-4.1
NPCC (U.S.).....	150.6	146.2	152.4	147.5	155.8	-5.3
SERC.....	139.8	139.8	140.3	139.9	141.2	-9
FRCC.....	166.0	162.5	167.2	163.6	167.2	NM
SPP.....	114.2	114.0	119.2	115.2	117.5	-2.0
WSCC (U.S.).....	107.5	111.0	109.8	110.6	109.2	1.3
<b>Contiguous U.S.</b> .....	<b>121.8</b>	<b>124.4</b>	<b>126.3</b>	<b>123.4</b>	<b>126.2</b>	<b>-2.3</b>
ASCC.....	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—
<b>U.S. Average</b> .....	<b>121.8</b>	<b>124.4</b>	<b>126.3</b>	<b>123.4</b>	<b>126.2</b>	<b>-2.3</b>

<sup>1</sup> Data for 1999 are preliminary. Data for 1998 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	May 1999 <sup>1</sup>	April 1999 <sup>1</sup>	May 1998 <sup>1</sup>	Year to Date		
				1999 <sup>1</sup>	1998 <sup>1</sup>	Difference (percent)
ECAR.....	354	307	279	1,459	1,352	7.9
ERCOT.....	8	13	24	61	106	-42.5
MAAC.....	1,550	1,210	1,254	6,739	3,691	82.6
MAIN.....	59	23	169	259	463	-44.0
MAPP (U.S.).....	12	17	13	80	88	-9.0
NPCC (U.S.).....	2,289	2,507	4,059	16,825	24,206	-30.5
SERC.....	154	97	406	1,883	1,162	62.0
FRCC.....	5,490	6,150	4,371	23,087	16,164	NM
SPP.....	235	61	1,205	3,440	4,634	-25.8
WSCC (U.S.).....	59	29	43	159	252	-36.7
<b>Contiguous U.S.</b> .....	<b>10,210</b>	<b>10,415</b>	<b>11,822</b>	<b>53,991</b>	<b>52,117</b>	<b>3.6</b>
ASCC.....	—	—	—	—	—	—
Hawaii.....	1,079	685	363	3,455	2,851	21.2
<b>U.S. Total</b> .....	<b>11,289</b>	<b>11,099</b>	<b>12,185</b>	<b>57,446</b>	<b>54,968</b>	<b>4.5</b>

<sup>1</sup> Data for 1999 are preliminary. Data for 1998 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	May 1999 <sup>1</sup>	April 1999 <sup>1</sup>	May 1998 <sup>1</sup>	Year to Date		
				1999 <sup>1</sup>	1998 <sup>1</sup>	Difference (percent)
ECAR.....	275.2	283.7	293.2	276.7	333.6	-17.1
ERCOT.....	326.1	322.1	316.9	271.8	378.1	-28.1
MAAC.....	237.1	225.8	235.4	211.2	230.0	-8.2
MAIN.....	320.8	367.9	268.6	297.2	266.1	11.7
MAPP (U.S.).....	364.5	387.4	369.9	325.1	370.2	-12.2
NPCC (U.S.).....	224.4	204.1	216.9	182.3	212.4	-14.2
SERC.....	315.4	313.7	255.2	204.1	262.5	-22.2
FRCC.....	228.3	213.6	216.7	195.2	206.9	NM
SPP.....	163.3	242.8	183.9	159.5	218.6	-27.1
WSCC (U.S.).....	446.1	392.9	435.3	408.1	403.1	1.2
<b>Contiguous U.S.</b> .....	<b>231.9</b>	<b>216.9</b>	<b>220.1</b>	<b>194.5</b>	<b>218.4</b>	<b>-10.9</b>
ASCC.....	—	—	—	—	—	—
Hawaii.....	276.0	228.8	270.0	239.6	278.0	-13.8
<b>U.S. Average</b> .....	<b>236.0</b>	<b>217.6</b>	<b>221.5</b>	<b>197.2</b>	<b>221.4</b>	<b>-10.9</b>

<sup>1</sup> Data for 1999 are preliminary. Data for 1998 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	May 1999 <sup>1</sup>	April 1999 <sup>1</sup>	May 1998 <sup>1</sup>	Year to Date		
				1999 <sup>1</sup>	1998 <sup>1</sup>	Difference (percent)
ECAR.....	5,894	3,672	4,131	18,447	16,297	13.2
ERCOT.....	84,151	74,184	93,456	310,736	298,742	4.0
MAAC.....	4,146	2,336	3,343	12,166	8,234	47.7
MAIN.....	3,209	6,011	1,947	16,169	19,463	-16.9
MAPP (U.S.).....	560	487	497	2,526	1,955	29.2
NPCC (U.S.).....	23,471	14,981	24,249	68,291	89,486	-23.7
SERC.....	6,401	6,813	5,548	22,368	11,920	87.7
FRCC.....	25,048	22,691	22,329	90,343	83,686	NM
SPP.....	73,530	66,874	75,067	287,892	230,128	25.1
WSCC (U.S.).....	25,927	29,798	21,329	136,428	144,630	-5.7
<b>Contiguous U.S.</b> .....	<b>252,337</b>	<b>227,848</b>	<b>251,896</b>	<b>965,367</b>	<b>904,541</b>	<b>6.7</b>
ASCC.....	1,205	1,209	973	6,136	5,942	3.3
Hawaii.....	—	—	—	—	—	—
<b>U.S. Total</b> .....	<b>253,543</b>	<b>229,057</b>	<b>252,869</b>	<b>971,503</b>	<b>910,483</b>	<b>6.7</b>

<sup>1</sup> Data for 1999 are preliminary. Data for 1998 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	May 1999 <sup>1</sup>	April 1999 <sup>1</sup>	May 1998 <sup>1</sup>	Year to Date		
				1999 <sup>1</sup>	1998 <sup>1</sup>	Difference (percent)
ECAR.....	250.1	244.0	251.1	242.9	258.6	-6.1
ERCOT.....	240.4	213.3	232.6	215.2	241.2	-10.7
MAAC.....	272.6	258.4	255.2	275.3	287.8	-4.3
MAIN.....	237.3	216.4	243.0	214.0	236.6	-9.5
MAPP (U.S.).....	270.8	261.6	280.6	290.4	302.9	-4.1
NPCC (U.S.).....	261.7	241.7	264.7	250.2	287.2	-12.9
SERC.....	254.5	234.9	265.5	251.7	280.0	-10.1
FRCC.....	300.8	254.0	290.2	269.6	297.4	NM
SPP.....	246.7	220.0	238.7	217.7	249.8	-12.9
WSCC (U.S.).....	246.4	230.4	270.2	240.4	260.2	-7.6
<b>Contiguous U.S.</b> .....	<b>252.1</b>	<b>225.1</b>	<b>247.4</b>	<b>229.4</b>	<b>257.6</b>	<b>-10.9</b>
ASCC.....	140.2	139.8	173.0	147.8	175.7	-15.9
Hawaii.....	—	—	—	—	—	—
<b>U.S. Average</b> .....	<b>251.6</b>	<b>224.7</b>	<b>247.1</b>	<b>228.9</b>	<b>257.1</b>	<b>-11.0</b>

<sup>1</sup> Data for 1999 are preliminary. Data for 1998 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 33. Electric Utility Receipts of Coal by Type, Census Division, and State, May 1999**

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)
<b>New England</b> .....	—	—	172	4,471	—	—	—	—	172	4,471
Connecticut.....	—	—	—	—	—	—	—	—	—	—
Maine.....	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	—	—	76	1,979	—	—	—	—	76	1,979
New Hampshire.....	—	—	96	2,492	—	—	—	—	96	2,492
Rhode Island.....	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	—	—	2,767	70,768	—	—	—	—	2,767	70,768
New Jersey.....	—	—	136	3,681	—	—	—	—	136	3,681
New York.....	—	—	407	10,678	—	—	—	—	407	10,678
Pennsylvania.....	—	—	2,225	56,409	—	—	—	—	2,225	56,409
<b>East North Central</b> .....	—	—	10,489	247,580	7,156	126,334	—	—	17,645	373,914
Illinois.....	—	—	1,265	27,324	2,010	35,193	—	—	3,275	62,517
Indiana.....	—	—	3,441	78,431	1,524	26,715	—	—	4,965	105,146
Michigan.....	—	—	1,177	29,875	1,744	31,785	—	—	2,921	61,659
Ohio.....	—	—	4,330	105,291	220	3,887	—	—	4,551	109,177
Wisconsin.....	—	—	276	6,660	1,658	28,755	—	—	1,934	35,415
<b>West North Central</b> .....	—	—	428	9,842	8,765	151,312	1,971	25,744	11,164	186,898
Iowa.....	—	—	94	2,228	1,629	27,525	—	—	1,724	29,753
Kansas.....	—	—	107	2,434	1,557	26,338	—	—	1,664	28,772
Minnesota.....	—	—	23	531	1,346	23,787	—	—	1,369	24,317
Missouri.....	—	—	203	4,649	3,071	53,897	—	—	3,274	58,546
Nebraska.....	—	—	—	—	1,021	17,318	—	—	1,021	17,318
North Dakota.....	—	—	—	—	—	—	1,971	25,744	1,971	25,744
South Dakota.....	—	—	—	—	141	2,448	—	—	141	2,448
<b>South Atlantic</b> .....	—	—	12,251	307,861	465	8,106	—	—	12,715	315,967
Delaware.....	—	—	71	1,888	—	—	—	—	71	1,888
District of Columbia.....	—	—	—	—	—	—	—	—	—	—
Florida.....	—	—	2,062	51,175	—	—	—	—	2,062	51,175
Georgia.....	—	—	2,115	52,786	465	8,106	—	—	2,580	60,892
Maryland.....	—	—	950	24,761	—	—	—	—	950	24,761
North Carolina.....	—	—	2,239	56,082	—	—	—	—	2,239	56,082
South Carolina.....	—	—	977	25,226	—	—	—	—	977	25,226
Virginia.....	—	—	1,022	26,044	—	—	—	—	1,022	26,044
West Virginia.....	—	—	2,814	69,898	—	—	—	—	2,814	69,898
<b>East South Central</b> .....	—	—	6,964	165,946	1,393	24,260	—	—	8,357	190,206
Alabama.....	—	—	1,672	40,640	919	15,970	—	—	2,592	56,610
Kentucky.....	—	—	2,988	69,663	64	1,133	—	—	3,052	70,796
Mississippi.....	—	—	480	11,449	8	140	—	—	488	11,589
Tennessee.....	—	—	1,824	44,193	402	7,017	—	—	2,225	51,210
<b>West South Central</b> .....	—	—	120	2,681	8,287	141,755	4,209	54,270	12,616	198,706
Arkansas.....	—	—	—	—	1,222	20,985	—	—	1,222	20,985
Louisiana.....	—	—	—	—	1,017	17,111	31	429	1,048	17,540
Oklahoma.....	—	—	10	261	1,752	30,152	—	—	1,762	30,412
Texas.....	—	—	110	2,420	4,296	73,507	4,178	53,841	8,584	129,769
<b>Mountain</b> .....	—	—	2,979	67,735	5,631	103,742	—	—	8,610	171,477
Arizona.....	—	—	824	18,038	946	18,355	—	—	1,771	36,393
Colorado.....	—	—	381	8,538	1,194	22,180	—	—	1,576	30,718
Idaho.....	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	700	11,854	—	—	700	11,854
Nevada.....	—	—	427	9,504	—	—	—	—	427	9,504
New Mexico.....	—	—	—	—	1,291	25,035	—	—	1,291	25,035
Utah.....	—	—	1,238	29,435	—	—	—	—	1,238	29,435
Wyoming.....	—	—	108	2,219	1,499	26,317	—	—	1,607	28,536
<b>Pacific Contiguous</b> .....	—	—	—	—	505	8,344	—	—	505	8,344
California.....	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	60	1,016	—	—	60	1,016
Washington.....	—	—	—	—	445	7,328	—	—	445	7,328
<b>Pacific Noncontiguous</b> .....	—	—	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—	—
<b>U.S. Total</b> .....	—	—	36,169	876,883	32,202	563,853	6,180	80,014	74,551	1,520,750

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 1999 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	May 1999 Receipts		May 1998 Receipts		Year to Date			
	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents/million Btu) <sup>1</sup>	
					1999	1998	1999	1998
<b>New England</b> .....	<b>172</b>	<b>4,471</b>	<b>540</b>	<b>13,758</b>	<b>20,839</b>	<b>78,561</b>	<b>161.5</b>	<b>169.0</b>
Connecticut .....	—	—	77	2,059	948	10,808	169.3	181.8
Maine.....	—	—	—	—	—	—	—	—
Massachusetts.....	76	1,979	355	8,914	5,899	53,330	174.2	168.6
New Hampshire.....	96	2,492	107	2,785	13,992	14,423	155.6	161.1
Rhode Island.....	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	<b>2,767</b>	<b>70,768</b>	<b>4,378</b>	<b>109,892</b>	<b>476,863</b>	<b>557,048</b>	<b>136.0</b>	<b>138.9</b>
New Jersey.....	136	3,681	190	5,093	24,851	20,210	149.7	162.7
New York.....	407	10,678	747	19,493	80,680	89,767	143.9	144.3
Pennsylvania.....	2,225	56,409	3,441	85,305	371,332	447,071	133.3	136.8
<b>East North Central</b> .....	<b>17,645</b>	<b>373,914</b>	<b>17,500</b>	<b>367,393</b>	<b>1,723,229</b>	<b>1,773,375</b>	<b>125.9</b>	<b>130.2</b>
Illinois.....	3,275	62,517	3,164	60,866	300,391	318,642	151.5	158.6
Indiana.....	4,965	105,146	4,590	95,480	505,808	492,789	111.7	112.6
Michigan.....	2,921	61,659	3,433	72,034	243,398	269,406	129.3	131.1
Ohio.....	4,551	109,177	4,094	96,665	512,795	519,271	131.2	136.8
Wisconsin.....	1,934	35,415	2,219	42,349	160,837	173,267	101.0	106.9
<b>West North Central</b> .....	<b>11,164</b>	<b>186,898</b>	<b>10,862</b>	<b>183,714</b>	<b>919,217</b>	<b>910,983</b>	<b>88.1</b>	<b>90.2</b>
Iowa.....	1,724	29,753	1,995	34,402	144,243	142,654	81.1	90.2
Kansas.....	1,664	28,772	1,469	25,818	147,083	133,802	93.1	99.0
Minnesota.....	1,369	24,317	1,296	22,991	115,467	128,887	111.4	111.3
Missouri.....	3,274	58,546	3,269	58,383	287,123	281,255	94.1	91.5
Nebraska.....	1,021	17,318	988	16,894	82,286	83,705	56.7	58.9
North Dakota.....	1,971	25,744	1,683	22,350	129,233	126,722	75.4	76.9
South Dakota.....	141	2,448	163	2,876	13,782	13,958	92.6	92.5
<b>South Atlantic</b> .....	<b>12,715</b>	<b>315,967</b>	<b>12,909</b>	<b>318,015</b>	<b>1,618,381</b>	<b>1,602,340</b>	<b>142.1</b>	<b>145.2</b>
Delaware.....	71	1,888	89	2,287	7,376	15,625	153.8	157.1
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	2,062	51,175	2,454	59,856	258,148	279,475	160.4	167.2
Georgia.....	2,580	60,892	2,258	53,630	315,990	290,382	153.8	154.9
Maryland.....	950	24,761	908	23,498	115,615	116,771	142.1	146.6
North Carolina.....	2,239	56,082	2,117	52,315	267,840	283,032	145.2	144.5
South Carolina.....	977	25,226	1,167	29,860	139,941	138,005	142.9	144.3
Virginia.....	1,022	26,044	1,076	27,134	127,074	128,868	135.8	138.4
West Virginia.....	2,814	69,898	2,840	69,435	386,396	350,182	119.9	122.3
<b>East South Central</b> .....	<b>8,357</b>	<b>190,206</b>	<b>8,360</b>	<b>192,972</b>	<b>914,972</b>	<b>968,862</b>	<b>126.3</b>	<b>126.1</b>
Alabama.....	2,592	56,610	2,436	56,316	256,387	295,171	158.7	158.8
Kentucky.....	3,052	70,796	3,079	70,985	335,314	363,652	107.3	105.3
Mississippi.....	488	11,589	562	11,827	59,275	51,023	154.0	153.2
Tennessee.....	2,225	51,210	2,283	53,844	263,997	259,016	112.8	112.8
<b>West South Central</b> .....	<b>12,616</b>	<b>198,706</b>	<b>12,460</b>	<b>195,670</b>	<b>991,349</b>	<b>895,393</b>	<b>123.5</b>	<b>127.3</b>
Arkansas.....	1,223	20,985	1,186	20,525	117,824	93,907	149.4	149.4
Louisiana.....	1,048	17,540	1,086	17,766	94,696	86,278	139.0	142.4
Oklahoma.....	1,762	30,412	1,749	30,304	160,232	147,824	91.6	92.5
Texas.....	8,584	129,769	8,439	127,074	618,598	567,384	124.5	130.5
<b>Mountain</b> .....	<b>8,610</b>	<b>171,477</b>	<b>8,220</b>	<b>158,899</b>	<b>889,636</b>	<b>875,648</b>	<b>108.8</b>	<b>107.3</b>
Arizona.....	1,771	36,393	1,629	33,468	160,699	153,269	137.6	132.6
Colorado.....	1,576	30,718	1,361	27,167	148,827	144,764	97.8	99.7
Idaho.....	—	—	—	—	—	—	—	—
Montana.....	700	11,854	700	11,868	73,814	71,676	73.4	71.7
Nevada.....	427	9,504	202	4,561	70,058	61,049	138.7	136.4
New Mexico.....	1,291	25,035	1,201	21,840	121,502	109,760	135.5	133.1
Utah.....	1,238	29,435	1,143	25,505	139,589	146,056	105.0	114.9
Wyoming.....	1,607	28,536	1,984	34,489	175,147	189,073	79.3	75.8
<b>Pacific Contiguous</b> .....	<b>505</b>	<b>8,344</b>	<b>750</b>	<b>12,612</b>	<b>50,254</b>	<b>53,888</b>	<b>142.3</b>	<b>140.0</b>
California.....	—	—	—	—	—	—	—	—
Oregon.....	60	1,016	144	2,510	17,688	16,926	106.2	109.1
Washington.....	445	7,328	606	10,102	32,566	36,961	161.9	154.1
<b>Pacific Noncontiguous</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Alaska.....	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—
<b>U.S. Total</b> .....	<b>74,551</b>	<b>1,520,750</b>	<b>75,980</b>	<b>1,552,924</b>	<b>7,604,741</b>	<b>7,716,099</b>	<b>123.4</b>	<b>126.2</b>

<sup>1</sup> Monetary values are expressed in nominal terms.

Notes: •Data for 1999 are preliminary. Data for 1998 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 36. Receipts and Average Cost of Coal Delivered to Electric Utilities by Sulfur Content, Census Division, and State, May 1999**

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 <sup>1</sup>		Receipts	Average Cost <sup>1</sup>		Receipts	Average Cost <sup>1</sup>	
	(1,000 short tons)	(Cents/10 <sup>6</sup> Btu)	(\$/short ton)	(1,000 short tons)	(Cents/10 <sup>6</sup> Btu)	(\$/short ton)	(1,000 short tons)	(Cents/10 <sup>6</sup> Btu)	(\$/short ton)
<b>New England</b> .....	—	—	—	<b>96</b>	<b>162.8</b>	<b>41.58</b>	—	—	—
Connecticut.....	—	—	—	—	—	—	—	—	—
Maine.....	—	—	—	—	—	—	—	—	—
Massachusetts.....	—	—	—	68	174.2	45.34	—	—	—
New Hampshire.....	—	—	—	29	134.0	32.72	—	—	—
Rhode Island.....	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	—	—	—	<b>344</b>	<b>152.1</b>	<b>39.86</b>	<b>230</b>	<b>126.0</b>	<b>32.54</b>
New Jersey.....	—	—	—	113	141.3	38.89	—	—	—
New York.....	—	—	—	108	173.0	44.96	18	142.4	37.70
Pennsylvania.....	—	—	—	123	144.1	36.29	212	124.5	32.09
<b>East North Central</b> .....	<b>7,347</b>	<b>125.7</b>	<b>22.36</b>	<b>3,979</b>	<b>133.3</b>	<b>32.22</b>	<b>1,186</b>	<b>119.8</b>	<b>28.00</b>
Illinois.....	2,010	165.4	28.96	416	146.6	32.31	25	105.3	23.12
Indiana.....	1,571	104.2	18.41	635	138.0	33.16	834	119.3	26.86
Michigan.....	1,825	126.3	23.31	708	146.9	37.00	123	130.6	34.39
Ohio.....	227	119.6	21.13	2,106	124.7	30.33	171	111.3	28.72
Wisconsin.....	1,714	99.2	17.41	114	136.3	31.97	33	145.4	33.16
<b>West North Central</b> .....	<b>8,062</b>	<b>87.0</b>	<b>15.07</b>	<b>2,607</b>	<b>89.2</b>	<b>12.96</b>	<b>319</b>	<b>103.8</b>	<b>17.45</b>
Iowa.....	1,504	78.9	13.39	167	91.9	16.34	27	135.0	31.50
Kansas.....	1,623	95.7	16.43	—	—	—	—	—	—
Minnesota.....	844	112.9	20.12	525	112.2	19.80	1	162.5	39.10
Missouri.....	3,071	88.2	15.49	24	104.0	21.77	71	144.5	34.26
Nebraska.....	1,021	58.5	9.92	—	—	—	—	—	—
North Dakota.....	—	—	—	1,751	78.7	10.22	220	74.2	10.20
South Dakota.....	—	—	—	141	92.8	16.11	—	—	—
<b>South Atlantic</b> .....	<b>542</b>	<b>147.1</b>	<b>25.91</b>	<b>6,188</b>	<b>148.7</b>	<b>37.15</b>	<b>3,388</b>	<b>144.6</b>	<b>36.85</b>
Delaware.....	—	—	—	24	176.2	46.06	47	143.8	38.21
District of Columbia.....	—	—	—	—	—	—	—	—	—
Florida.....	77	130.8	24.47	566	178.3	45.24	665	156.1	39.01
Georgia.....	465	149.9	26.14	1,420	158.0	39.00	683	151.2	38.60
Maryland.....	—	—	—	369	140.0	35.56	440	149.2	39.42
North Carolina.....	—	—	—	1,965	146.0	36.59	274	138.7	34.63
South Carolina.....	—	—	—	212	143.4	36.89	574	138.5	35.58
Virginia.....	—	—	—	495	137.8	35.27	498	133.9	34.07
West Virginia.....	—	—	—	1,136	134.5	32.98	207	126.4	31.57
<b>East South Central</b> .....	<b>1,995</b>	<b>126.0</b>	<b>24.18</b>	<b>2,137</b>	<b>156.5</b>	<b>38.19</b>	<b>751</b>	<b>123.5</b>	<b>30.58</b>
Alabama.....	919	129.3	22.46	956	198.8	48.22	36	147.9	36.38
Kentucky.....	234	124.6	27.59	1,005	116.4	28.51	220	110.4	26.94
Mississippi.....	244	159.3	36.29	97	180.0	44.67	116	145.6	35.59
Tennessee.....	598	106.3	20.55	78	129.1	31.88	380	122.1	30.61
<b>West South Central</b> .....	<b>8,611</b>	<b>127.9</b>	<b>21.34</b>	<b>1,082</b>	<b>131.3</b>	<b>20.24</b>	<b>2,616</b>	<b>95.1</b>	<b>12.70</b>
Arkansas.....	1,222	152.0	26.09	—	—	—	—	—	—
Louisiana.....	824	142.5	23.85	224	137.5	23.02	—	—	—
Oklahoma.....	1,752	92.2	15.87	—	—	—	—	—	—
Texas.....	4,812	132.6	21.69	858	129.5	19.51	2,616	95.1	12.70
<b>Mountain</b> .....	<b>4,029</b>	<b>105.0</b>	<b>21.00</b>	<b>4,581</b>	<b>106.1</b>	<b>21.06</b>	—	—	—
Arizona.....	689	145.9	29.10	1,081	118.3	24.78	—	—	—
Colorado.....	1,522	98.2	19.05	54	100.4	22.19	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—
Montana.....	17	64.9	11.34	683	69.9	11.84	—	—	—
Nevada.....	388	149.6	33.10	39	140.9	33.41	—	—	—
New Mexico.....	—	—	—	1,291	132.4	25.67	—	—	—
Utah.....	734	94.3	22.27	504	85.9	20.62	—	—	—
Wyoming.....	678	55.8	9.07	929	89.0	16.78	—	—	—
<b>Pacific Contiguous</b> .....	<b>154</b>	<b>119.5</b>	<b>21.46</b>	—	—	—	<b>351</b>	<b>158.2</b>	<b>25.14</b>
California.....	—	—	—	—	—	—	—	—	—
Oregon.....	60	113.1	19.15	—	—	—	—	—	—
Washington.....	94	123.2	22.93	—	—	—	351	158.2	25.14
<b>Pacific Noncontiguous</b> .....	—	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—
<b>U. S. Total</b> .....	<b>30,739</b>	<b>113.7</b>	<b>20.16</b>	<b>21,014</b>	<b>132.5</b>	<b>29.01</b>	<b>8,841</b>	<b>128.0</b>	<b>26.71</b>

<sup>1</sup> 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 1999 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, May 1999 (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 <sup>1</sup>		Receipts	Average Cost <sup>1</sup>		Receipts	Average Cost <sup>1</sup>			
	(1,000 short tons)	(Cents/10 <sup>6</sup> Btu)	(\$/short ton)	(1,000 short tons)	(Cents/10 <sup>6</sup> Btu)	(\$/short ton)	(1,000 short tons)	(Cents/10 <sup>6</sup> Btu)	(\$/short ton)	(Cents/10 <sup>6</sup> Btu)	(\$/short ton)
<b>New England</b> .....	<b>75</b>	<b>164.2</b>	<b>43.79</b>	—	—	—	—	—	—	<b>163.4</b>	<b>42.55</b>
Connecticut.....	—	—	—	—	—	—	—	—	—	—	—
Maine.....	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	8	157.0	42.39	—	—	—	—	—	—	172.3	45.02
New Hampshire.....	67	165.0	43.96	—	—	—	—	—	—	156.3	40.60
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	<b>957</b>	<b>126.3</b>	<b>32.38</b>	<b>949</b>	<b>123.5</b>	<b>31.59</b>	<b>287</b>	<b>151.1</b>	<b>36.89</b>	<b>131.1</b>	<b>33.52</b>
New Jersey.....	—	—	—	23	183.8	46.51	—	—	—	147.9	40.16
New York.....	140	137.8	36.25	141	132.0	34.84	—	—	—	145.2	38.13
Pennsylvania.....	818	124.3	31.72	785	120.2	30.57	287	151.1	36.89	127.3	32.27
<b>East North Central</b> .....	<b>887</b>	<b>115.1</b>	<b>28.32</b>	<b>2,260</b>	<b>108.3</b>	<b>24.85</b>	<b>1,986</b>	<b>120.5</b>	<b>27.67</b>	<b>123.5</b>	<b>26.18</b>
Illinois.....	7	48.8	7.94	603	105.0	22.58	214	123.3	26.13	146.3	27.94
Indiana.....	365	109.6	24.57	921	100.2	22.69	639	103.7	23.24	111.4	23.58
Michigan.....	135	125.8	33.13	122	117.6	30.37	8	154.0	36.49	132.1	27.88
Ohio.....	307	110.9	29.08	615	120.5	29.22	1,126	128.8	30.42	123.4	29.60
Wisconsin.....	73	140.4	36.93	—	—	—	—	—	—	105.3	19.27
<b>West North Central</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>19</b>	<b>125.4</b>	<b>27.73</b>	<b>156</b>	<b>124.2</b>	<b>28.50</b>	<b>88.7</b>	<b>14.85</b>
Iowa.....	—	—	—	6	119.8	26.17	20	113.3	28.22	82.2	14.18
Kansas.....	—	—	—	—	—	—	41	106.1	23.43	96.0	16.60
Minnesota.....	—	—	—	—	—	—	—	—	—	112.7	20.01
Missouri.....	—	—	—	13	128.1	28.51	95	134.2	30.76	91.9	16.44
Nebraska.....	—	—	—	—	—	—	—	—	—	58.5	9.92
North Dakota.....	—	—	—	—	—	—	—	—	—	78.2	10.21
South Dakota.....	—	—	—	—	—	—	—	—	—	92.8	16.11
<b>South Atlantic</b> .....	<b>1,252</b>	<b>124.7</b>	<b>31.81</b>	<b>326</b>	<b>136.6</b>	<b>34.68</b>	<b>1,020</b>	<b>117.9</b>	<b>29.13</b>	<b>142.3</b>	<b>35.36</b>
Delaware.....	—	—	—	—	—	—	—	—	—	154.6	40.85
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—
Florida.....	171	171.6	43.56	304	137.6	34.84	279	169.0	40.66	161.8	40.17
Georgia.....	12	160.6	42.07	—	—	—	—	—	—	155.0	36.59
Maryland.....	141	135.6	36.00	—	—	—	—	—	—	143.6	37.41
North Carolina.....	—	—	—	—	—	—	—	—	—	145.1	36.35
South Carolina.....	173	133.6	35.19	17	132.1	35.12	—	—	—	138.6	35.79
Virginia.....	30	140.3	33.68	—	—	—	—	—	—	136.0	34.64
West Virginia.....	725	107.9	27.19	4	78.6	19.17	742	99.3	24.79	117.6	29.21
<b>East South Central</b> .....	<b>1,144</b>	<b>118.4</b>	<b>29.15</b>	<b>973</b>	<b>109.6</b>	<b>25.86</b>	<b>1,357</b>	<b>96.7</b>	<b>21.42</b>	<b>126.4</b>	<b>28.76</b>
Alabama.....	444	130.7	31.93	41	121.0	31.07	196	110.7	26.42	156.6	34.21
Kentucky.....	194	111.8	27.11	238	104.4	24.32	1,161	94.1	20.57	107.3	24.89
Mississippi.....	—	—	—	31	132.6	33.66	—	—	—	158.4	37.62
Tennessee.....	507	110.4	27.49	663	109.5	25.73	—	—	—	112.0	25.78
<b>West South Central</b> .....	<b>298</b>	<b>66.0</b>	<b>7.02</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>10</b>	<b>100.3</b>	<b>26.26</b>	<b>121.4</b>	<b>19.12</b>
Arkansas.....	—	—	—	—	—	—	—	—	—	152.0	26.09
Louisiana.....	—	—	—	—	—	—	—	—	—	141.4	23.68
Oklahoma.....	—	—	—	—	—	—	10	100.3	26.26	92.3	15.93
Texas.....	298	66.0	7.02	—	—	—	—	—	—	120.6	18.23
<b>Mountain</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>105.6</b>	<b>21.03</b>
Arizona.....	—	—	—	—	—	—	—	—	—	128.8	26.46
Colorado.....	—	—	—	—	—	—	—	—	—	98.3	19.15
Idaho.....	—	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—	—	69.8	11.82
Nevada.....	—	—	—	—	—	—	—	—	—	148.8	33.13
New Mexico.....	—	—	—	—	—	—	—	—	—	132.4	25.67
Utah.....	—	—	—	—	—	—	—	—	—	90.9	21.60
Wyoming.....	—	—	—	—	—	—	—	—	—	76.2	13.53
<b>Pacific Contiguous</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>145.4</b>	<b>24.02</b>
California.....	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—	113.1	19.15
Washington.....	—	—	—	—	—	—	—	—	—	149.8	24.68
<b>Pacific Noncontiguous</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Alaska.....	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—	—	—
<b>U. S. Total</b> .....	<b>4,614</b>	<b>120.6</b>	<b>29.19</b>	<b>4,527</b>	<b>114.2</b>	<b>27.20</b>	<b>4,817</b>	<b>115.5</b>	<b>26.79</b>	<b>121.8</b>	<b>24.85</b>

<sup>1</sup> 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 1999 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, May 1999**

Census Division and State	No. 2 Fuel Oil		No. 4 Fuel Oil <sup>1</sup>		No. 5 Fuel Oil <sup>1</sup>		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)
<b>New England</b> .....	2	12	—	—	—	—	870	5,602	872	5,614
Connecticut.....	1	6	—	—	—	—	494	3,183	495	3,189
Maine.....	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	*	2	—	—	—	—	10	66	11	68
New Hampshire.....	1	4	—	—	—	—	365	2,353	366	2,357
Rhode Island.....	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	96	562	—	—	—	—	1,673	10,586	1,769	11,149
New Jersey.....	4	23	—	—	—	—	153	978	157	1,001
New York.....	2	12	—	—	—	—	1,415	8,941	1,417	8,953
Pennsylvania.....	90	527	—	—	—	—	105	668	195	1,195
<b>East North Central</b> .....	137	797	—	—	—	—	220	1,416	358	2,214
Illinois.....	23	136	—	—	—	—	28	173	51	309
Indiana.....	17	96	—	—	—	—	—	—	17	96
Michigan.....	27	156	—	—	—	—	192	1,243	219	1,400
Ohio.....	67	391	—	—	—	—	391	—	67	391
Wisconsin.....	3	18	—	—	—	—	—	—	3	18
<b>West North Central</b> .....	29	169	—	—	—	—	19	125	48	295
Iowa.....	2	9	—	—	—	—	—	—	2	9
Kansas.....	11	66	—	—	—	—	19	125	30	192
Minnesota.....	7	42	—	—	—	—	—	—	7	42
Missouri.....	5	31	—	—	—	—	—	—	5	31
Nebraska.....	3	15	—	—	—	—	—	—	3	15
North Dakota.....	1	6	—	—	—	—	—	—	1	6
South Dakota.....	—	—	—	—	—	—	—	—	—	—
<b>South Atlantic</b> .....	185	1,074	39	235	—	—	6,610	42,179	6,833	43,489
Delaware.....	4	23	—	—	—	—	351	2,249	355	2,272
District of Columbia.....	2	12	39	235	—	—	—	—	41	247
Florida.....	79	457	—	—	—	—	5,414	34,562	5,492	35,019
Georgia.....	34	196	—	—	—	—	—	—	34	196
Maryland.....	3	19	—	—	—	—	829	5,267	832	5,285
North Carolina.....	41	240	—	—	—	—	—	—	41	240
South Carolina.....	5	29	—	—	—	—	—	—	5	29
Virginia.....	9	55	—	—	—	—	16	101	25	156
West Virginia.....	7	44	—	—	—	—	—	—	7	44
<b>East South Central</b> .....	60	353	—	—	—	—	192	1,276	252	1,629
Alabama.....	12	69	—	—	—	—	—	—	12	69
Kentucky.....	11	64	—	—	—	—	—	—	11	64
Mississippi.....	17	98	—	—	—	—	192	1,276	208	1,374
Tennessee.....	21	122	—	—	—	—	—	—	21	122
<b>West South Central</b> .....	19	111	—	—	—	—	—	—	19	111
Arkansas.....	8	50	—	—	—	—	—	—	8	50
Louisiana.....	2	14	—	—	—	—	—	—	2	14
Oklahoma.....	—	—	—	—	—	—	—	—	—	—
Texas.....	8	46	—	—	—	—	—	—	8	46
<b>Mountain</b> .....	59	341	—	—	—	—	—	—	59	341
Arizona.....	34	196	—	—	—	—	—	—	34	196
Colorado.....	—	—	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—	—
Montana.....	1	6	—	—	—	—	—	—	1	6
Nevada.....	—	—	—	—	—	—	—	—	—	—
New Mexico.....	10	57	—	—	—	—	—	—	10	57
Utah.....	6	35	—	—	—	—	—	—	6	35
Wyoming.....	8	46	—	—	—	—	—	—	8	46
<b>Pacific Contiguous</b> .....	—	—	—	—	—	—	—	—	—	—
California.....	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—	—
Washington.....	—	—	—	—	—	—	—	—	—	—
<b>Pacific Noncontiguous</b> .....	—	—	—	—	—	—	1,079	6,764	1,079	6,764
Alaska.....	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	1,079	6,764	1,079	6,764
<b>U.S. Total</b> .....	588	3,420	39	235	—	—	10,662	67,949	11,289	71,604

<sup>1</sup> 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 1999 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	May 1999 Receipts		May 1998 Receipts		Year to Date			
	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents/million Btu) <sup>1</sup>	
					1999	1998	1999	1998
<b>New England</b>	<b>872</b>	<b>5,614</b>	<b>2,740</b>	<b>17,485</b>	<b>51,359</b>	<b>110,699</b>	<b>180.0</b>	<b>212.1</b>
Connecticut	495	3,189	1,260	8,034	34,815	41,666	181.5	228.3
Maine	—	—	431	2,745	6,621	7,301	177.9	224.7
Massachusetts	11	68	650	4,132	1,002	55,214	222.5	199.4
New Hampshire	366	2,357	399	2,575	8,922	6,506	171.2	202.4
Rhode Island	—	—	—	—	—	—	—	—
Vermont	—	—	—	—	—	11	—	376.5
<b>Middle Atlantic</b>	<b>1,769</b>	<b>11,149</b>	<b>1,689</b>	<b>10,656</b>	<b>73,318</b>	<b>54,872</b>	<b>192.6</b>	<b>217.4</b>
New Jersey	157	1,001	22	135	4,386	3,135	196.6	241.0
New York	1,417	8,953	1,319	8,347	55,251	43,509	184.5	213.2
Pennsylvania	195	1,195	348	2,174	13,682	8,228	224.0	230.5
<b>East North Central</b>	<b>358</b>	<b>2,214</b>	<b>409</b>	<b>2,533</b>	<b>8,920</b>	<b>9,799</b>	<b>272.7</b>	<b>306.5</b>
Illinois	51	309	162	1,032	1,289	2,713	293.1	260.2
Indiana	17	96	24	139	1,037	728	317.2	347.6
Michigan	219	1,400	182	1,128	4,885	5,010	245.4	314.4
Ohio	67	391	39	223	1,611	1,236	307.5	345.4
Wisconsin	3	18	2	11	98	111	319.9	374.5
<b>West North Central</b>	<b>48</b>	<b>295</b>	<b>51</b>	<b>300</b>	<b>1,153</b>	<b>1,288</b>	<b>296.9</b>	<b>321.7</b>
Iowa	2	9	4	25	193	137	313.1	368.0
Kansas	30	192	14	82	410	217	255.7	361.9
Minnesota	7	42	2	12	105	84	338.0	393.3
Missouri	5	31	25	150	310	610	311.6	270.5
Nebraska	3	15	*	1	34	55	330.6	370.2
North Dakota	1	6	5	29	101	185	334.4	362.4
South Dakota	—	—	—	—	—	—	—	—
<b>South Atlantic</b>	<b>6,833</b>	<b>43,489</b>	<b>5,665</b>	<b>36,082</b>	<b>183,257</b>	<b>122,637</b>	<b>197.5</b>	<b>212.5</b>
Delaware	355	2,272	146	926	7,059	1,558	207.8	239.6
District of Columbia	41	247	82	493	258	493	288.5	273.3
Florida	5,492	35,019	4,371	27,975	147,075	103,468	195.3	206.9
Georgia	34	196	54	312	905	705	317.9	352.1
Maryland	832	5,285	657	4,177	17,674	9,944	207.4	223.3
North Carolina	41	240	32	184	772	677	303.9	342.4
South Carolina	5	29	18	106	162	257	306.7	361.8
Virginia	25	156	293	1,831	8,839	4,877	173.7	222.5
West Virginia	7	44	13	78	513	657	327.8	397.1
<b>East South Central</b>	<b>252</b>	<b>1,629</b>	<b>1,185</b>	<b>7,802</b>	<b>20,523</b>	<b>25,855</b>	<b>156.5</b>	<b>220.4</b>
Alabama	12	69	6	34	382	210	230.5	323.8
Kentucky	11	64	18	107	481	500	340.7	408.6
Mississippi	209	1,374	1,156	7,630	19,257	24,948	147.6	214.8
Tennessee	21	122	5	30	403	197	290.3	339.2
<b>West South Central</b>	<b>19</b>	<b>111</b>	<b>40</b>	<b>234</b>	<b>3,296</b>	<b>5,407</b>	<b>225.8</b>	<b>247.1</b>
Arkansas	8	50	8	46	164	181	315.1	421.1
Louisiana	2	14	3	18	2,778	4,441	214.6	219.9
Oklahoma	—	—	—	—	—	—	—	—
Texas	8	46	29	170	354	785	271.8	361.0
<b>Mountain</b>	<b>59</b>	<b>341</b>	<b>41</b>	<b>236</b>	<b>915</b>	<b>1,002</b>	<b>409.4</b>	<b>445.0</b>
Arizona	34	196	22	128	339	456	406.2	456.1
Colorado	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Montana	1	6	—	—	47	36	369.6	509.8
Nevada	—	—	2	12	63	97	394.6	395.8
New Mexico	10	57	9	51	166	114	406.2	473.2
Utah	6	35	2	12	98	116	480.0	441.7
Wyoming	8	46	6	33	202	183	397.0	415.6
<b>Pacific Contiguous</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>12</b>	<b>12</b>	<b>483</b>	<b>307.1</b>	<b>316.2</b>
California	—	—	—	—	—	432	—	297.6
Oregon	—	—	—	—	—	—	—	—
Washington	—	—	2	12	12	51	307.1	473.9
<b>Pacific Noncontiguous</b>	<b>1,079</b>	<b>6,764</b>	<b>363</b>	<b>2,284</b>	<b>21,680</b>	<b>17,838</b>	<b>239.6</b>	<b>278.0</b>
Alaska	—	—	—	—	—	—	—	—
Hawaii	1,079	6,764	363	2,284	21,680	17,838	239.6	278.0
<b>U.S. Total</b>	<b>11,289</b>	<b>71,604</b>	<b>12,185</b>	<b>77,622</b>	<b>364,433</b>	<b>349,879</b>	<b>197.2</b>	<b>221.4</b>

<sup>1</sup> Monetary values are expressed in nominal terms.

\* Less than 0.5.

Notes: •Data for 1999 are preliminary. Data for 1998 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 May 1999 petroleum coke receipts were 219,375 short tons and the cost was 66.0 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, May 1999**

Census Division and State	Fuel Oil No. 6 by Type of Purchase						Averaged Cost of Fuel Oils <sup>1</sup>					
	Contract			Spot			No. 2		No. 4-No. 5		No. 6	
	Receipts	Average Cost <sup>1</sup>		Receipts	Average Cost <sup>1</sup>		(Cents/10 <sup>6</sup> Btu)	(\$/ bbl)	(Cents/10 <sup>6</sup> Btu)	(\$/ bbl)	(Cents/10 <sup>6</sup> Btu)	(\$/ bbl)
	(1,000 bbls)	(Cents/10 <sup>6</sup> Btu)	(\$/ bbl)	(1,000 bbls)	(Cents/10 <sup>6</sup> Btu)	(\$/ bbl)	(Cents/10 <sup>6</sup> Btu)	(\$/ bbl)	(Cents/10 <sup>6</sup> Btu)	(\$/ bbl)	(Cents/10 <sup>6</sup> Btu)	(\$/ bbl)
<b>New England</b> .....	<b>196</b>	<b>227.4</b>	<b>14.84</b>	<b>674</b>	<b>219.0</b>	<b>14.05</b>	<b>335.7</b>	<b>19.43</b>	—	—	<b>220.9</b>	<b>14.23</b>
Connecticut.....	196	227.4	14.84	298	223.4	14.26	348.7	20.18	—	—	225.0	14.49
Maine.....	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	—	—	—	10	279.4	17.84	337.1	19.51	—	—	279.4	17.84
New Hampshire.....	—	—	—	365	213.7	13.77	313.7	18.15	—	—	213.7	13.77
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	<b>872</b>	<b>223.0</b>	<b>14.12</b>	<b>801</b>	<b>232.6</b>	<b>14.70</b>	<b>333.6</b>	<b>19.50</b>	—	—	<b>227.6</b>	<b>14.40</b>
New Jersey.....	98	236.1	15.13	55	277.2	17.49	342.3	20.19	—	—	250.7	15.98
New York.....	773	221.3	14.00	641	232.3	14.67	358.9	19.87	—	—	226.3	14.30
Pennsylvania.....	—	—	—	120	211.1	13.43	332.6	19.46	—	—	211.1	13.43
<b>East North Central</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>205</b>	<b>228.8</b>	<b>14.70</b>	<b>343.5</b>	<b>19.93</b>	—	—	<b>228.8</b>	<b>14.70</b>
Illinois.....	—	—	—	28	295.8	18.26	343.1	20.01	—	—	295.8	18.26
Indiana.....	—	—	—	—	—	—	388.0	22.12	—	—	—	—
Michigan.....	—	—	—	192	219.5	14.18	362.7	21.07	—	—	219.5	14.18
Ohio.....	—	—	—	—	—	—	325.2	18.90	—	—	—	—
Wisconsin.....	—	—	—	—	—	—	340.5	20.02	—	—	—	—
<b>West North Central</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>19</b>	<b>200.6</b>	<b>13.23</b>	<b>349.7</b>	<b>20.25</b>	—	—	<b>200.6</b>	<b>13.23</b>
Iowa.....	—	—	—	—	—	—	366.9	21.48	—	—	—	—
Kansas.....	—	—	—	19	200.6	13.23	338.1	19.64	—	—	200.6	13.23
Minnesota.....	—	—	—	—	—	—	360.1	20.72	—	—	—	—
Missouri.....	—	—	—	—	—	—	339.8	19.61	—	—	—	—
Nebraska.....	—	—	—	—	—	—	366.5	21.17	—	—	—	—
North Dakota.....	—	—	—	—	—	—	387.1	22.76	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>South Atlantic</b> .....	<b>2,320</b>	<b>228.9</b>	<b>14.70</b>	<b>4,289</b>	<b>226.4</b>	<b>14.40</b>	<b>354.1</b>	<b>20.60</b>	<b>288.3</b>	<b>17.37</b>	<b>227.3</b>	<b>14.50</b>
Delaware.....	—	—	—	351	231.1	14.80	355.2	20.66	—	—	231.1	14.80
District of Columbia.....	—	—	—	—	—	—	312.2	18.16	288.3	17.37	—	—
Florida.....	2,014	230.0	14.78	3,400	224.5	14.27	362.6	21.09	—	—	226.6	14.46
Georgia.....	—	—	—	—	—	—	345.8	20.12	—	—	—	—
Maryland.....	307	221.6	14.17	522	237.4	15.03	316.8	18.55	—	—	231.5	14.71
North Carolina.....	—	—	—	—	—	—	349.3	20.28	—	—	—	—
South Carolina.....	—	—	—	—	—	—	343.2	19.89	—	—	—	—
Virginia.....	—	—	—	16	163.4	10.50	337.4	19.63	—	—	163.4	10.50
West Virginia.....	—	—	—	—	—	—	382.5	22.54	—	—	—	—
<b>East South Central</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>192</b>	<b>140.6</b>	<b>9.36</b>	<b>319.0</b>	<b>18.65</b>	—	—	<b>140.6</b>	<b>9.36</b>
Alabama.....	—	—	—	—	—	—	240.8	13.94	—	—	—	—
Kentucky.....	—	—	—	—	—	—	363.4	21.27	—	—	—	—
Mississippi.....	—	—	—	192	140.6	9.36	333.1	19.49	—	—	140.6	9.36
Tennessee.....	—	—	—	—	—	—	328.9	19.32	—	—	—	—
<b>West South Central</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>325.2</b>	<b>19.05</b>	—	—	<b>—</b>	<b>—</b>
Arkansas.....	—	—	—	—	—	—	327.4	19.35	—	—	—	—
Louisiana.....	—	—	—	—	—	—	314.4	18.49	—	—	—	—
Oklahoma.....	—	—	—	—	—	—	—	—	—	—	—	—
Texas.....	—	—	—	—	—	—	326.1	18.90	—	—	—	—
<b>Mountain</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>446.1</b>	<b>25.87</b>	—	—	<b>—</b>	<b>—</b>
Arizona.....	—	—	—	—	—	—	441.2	25.55	—	—	—	—
Colorado.....	—	—	—	—	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	463.7	27.46	—	—	—	—
Nevada.....	—	—	—	—	—	—	—	—	—	—	—	—
New Mexico.....	—	—	—	—	—	—	511.9	29.24	—	—	—	—
Utah.....	—	—	—	—	—	—	450.6	26.49	—	—	—	—
Wyoming.....	—	—	—	—	—	—	380.3	22.27	—	—	—	—
<b>Pacific Contiguous</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
California.....	—	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—	—	—	—
Washington.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Pacific Noncontiguous</b> .....	<b>1,079</b>	<b>276.0</b>	<b>17.30</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>276.0</b>	<b>17.30</b>
Alaska.....	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	1,079	276.0	17.30	—	—	—	—	—	—	—	276.0	17.30
<b>U. S. Total</b> .....	<b>4,467</b>	<b>238.9</b>	<b>15.22</b>	<b>6,195</b>	<b>223.6</b>	<b>14.25</b>	<b>352.6</b>	<b>20.52</b>	<b>288.3</b>	<b>17.37</b>	<b>230.0</b>	<b>14.66</b>

<sup>1</sup> 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 1999 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, May 1999**

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 <sup>1</sup>		Receipts	Average Cost <sup>1</sup>		Receipts	Average Cost <sup>1</sup>	
	(1,000 bbls)	(Cents/10 <sup>6</sup> Btu)	(\$/bbl)	(1,000 bbls)	(Cents/10 <sup>6</sup> Btu)	(\$/bbl)	(1,000 bbls)	(Cents/10 <sup>6</sup> Btu)	(\$/bbl)
<b>New England</b> .....	—	—	—	27	227.2	14.36	477	226.1	14.57
Connecticut.....	—	—	—	27	227.2	14.36	467	224.9	14.50
Maine.....	—	—	—	—	—	—	—	—	—
Massachusetts.....	—	—	—	—	—	—	10	279.4	17.84
New Hampshire.....	—	—	—	—	—	—	—	—	—
Rhode Island.....	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	203	237.4	15.12	399	242.6	15.25	915	221.5	14.02
New Jersey.....	95	235.4	15.08	—	—	—	59	276.0	17.43
New York.....	108	239.1	15.14	331	244.1	15.31	819	220.1	13.93
Pennsylvania.....	—	—	—	68	235.5	14.92	37	166.7	10.68
<b>East North Central</b> .....	28	295.8	18.26	29	245.0	14.67	101	247.0	16.39
Illinois.....	28	295.8	18.26	—	—	—	—	—	—
Indiana.....	—	—	—	—	—	—	—	—	—
Michigan.....	—	—	—	29	245.0	14.67	101	247.0	16.39
Ohio.....	—	—	—	—	—	—	—	—	—
Wisconsin.....	—	—	—	—	—	—	—	—	—
<b>West North Central</b> .....	—	—	—	—	—	—	—	—	—
Iowa.....	—	—	—	—	—	—	—	—	—
Kansas.....	—	—	—	—	—	—	—	—	—
Minnesota.....	—	—	—	—	—	—	—	—	—
Missouri.....	—	—	—	—	—	—	—	—	—
Nebraska.....	—	—	—	—	—	—	—	—	—
North Dakota.....	—	—	—	—	—	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—	—
<b>South Atlantic</b> .....	1	173.9	10.05	14	203.9	11.75	3,555	233.0	14.81
Delaware.....	—	—	—	—	—	—	351	231.1	14.80
District of Columbia.....	—	—	—	—	—	—	39	288.3	17.37
Florida.....	1	173.9	10.05	14	203.9	11.75	2,424	232.3	14.77
Georgia.....	—	—	—	—	—	—	—	—	—
Maryland.....	—	—	—	—	—	—	741	233.2	14.80
North Carolina.....	—	—	—	—	—	—	—	—	—
South Carolina.....	—	—	—	—	—	—	—	—	—
Virginia.....	—	—	—	—	—	—	—	—	—
West Virginia.....	—	—	—	—	—	—	—	—	—
<b>East South Central</b> .....	—	—	—	—	—	—	—	—	—
Alabama.....	—	—	—	—	—	—	—	—	—
Kentucky.....	—	—	—	—	—	—	—	—	—
Mississippi.....	—	—	—	—	—	—	—	—	—
Tennessee.....	—	—	—	—	—	—	—	—	—
<b>West South Central</b> .....	—	—	—	—	—	—	—	—	—
Arkansas.....	—	—	—	—	—	—	—	—	—
Louisiana.....	—	—	—	—	—	—	—	—	—
Oklahoma.....	—	—	—	—	—	—	—	—	—
Texas.....	—	—	—	—	—	—	—	—	—
<b>Mountain</b> .....	—	—	—	—	—	—	—	—	—
Arizona.....	—	—	—	—	—	—	—	—	—
Colorado.....	—	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—	—
Nevada.....	—	—	—	—	—	—	—	—	—
New Mexico.....	—	—	—	—	—	—	—	—	—
Utah.....	—	—	—	—	—	—	—	—	—
Wyoming.....	—	—	—	—	—	—	—	—	—
<b>Pacific Contiguous</b> .....	—	—	—	—	—	—	—	—	—
California.....	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—
Washington.....	—	—	—	—	—	—	—	—	—
<b>Pacific Noncontiguous</b> .....	68	292.2	18.21	1,011	274.9	17.24	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—
Hawaii.....	68	292.2	18.21	1,011	274.9	17.24	—	—	—
<b>U. S. Total</b> .....	300	254.8	16.09	1,480	264.1	16.55	5,048	230.5	14.67

<sup>1</sup> 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 1999 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, May 1999 (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 <sup>1</sup>		Receipts	Average Cost <sup>1</sup>		Receipts	Average Cost <sup>1</sup>			
	(1,000 bbls)	(Cents/10 <sup>6</sup> Btu)	(\$/bbl)	(1,000 bbls)	(Cents/10 <sup>6</sup> Btu)	(\$/bbl)	(1,000 bbls)	(Cents/10 <sup>6</sup> Btu)	(\$/bbl)	(Cents/10 <sup>6</sup> Btu)	(\$/bbl)
<b>New England</b> .....	<b>365</b>	<b>213.7</b>	<b>13.77</b>	—	—	—	—	—	—	<b>220.9</b>	<b>14.23</b>
Connecticut.....	—	—	—	—	—	—	—	—	—	225.0	14.49
Maine.....	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	—	—	—	—	—	—	—	—	—	279.4	17.84
New Hampshire.....	365	213.7	13.77	—	—	—	—	—	—	213.7	13.77
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—
<b>Middle Atlantic</b> .....	<b>156</b>	<b>212.4</b>	<b>13.52</b>	—	—	—	—	—	—	<b>227.6</b>	<b>14.40</b>
New Jersey.....	—	—	—	—	—	—	—	—	—	250.7	15.98
New York.....	156	212.4	13.52	—	—	—	—	—	—	226.3	14.30
Pennsylvania.....	—	—	—	—	—	—	—	—	—	211.1	13.43
<b>East North Central</b> .....	<b>62</b>	<b>162.0</b>	<b>10.36</b>	—	—	—	—	—	—	<b>228.8</b>	<b>14.70</b>
Illinois.....	—	—	—	—	—	—	—	—	—	295.8	18.26
Indiana.....	—	—	—	—	—	—	—	—	—	—	—
Michigan.....	62	162.0	10.36	—	—	—	—	—	—	219.5	14.18
Ohio.....	—	—	—	—	—	—	—	—	—	—	—
Wisconsin.....	—	—	—	—	—	—	—	—	—	—	—
<b>West North Central</b> .....	<b>19</b>	<b>200.6</b>	<b>13.23</b>	—	—	—	—	—	—	<b>200.6</b>	<b>13.23</b>
Iowa.....	—	—	—	—	—	—	—	—	—	—	—
Kansas.....	19	200.6	13.23	—	—	—	—	—	—	200.6	13.23
Minnesota.....	—	—	—	—	—	—	—	—	—	—	—
Missouri.....	—	—	—	—	—	—	—	—	—	—	—
Nebraska.....	—	—	—	—	—	—	—	—	—	—	—
North Dakota.....	—	—	—	—	—	—	—	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—
<b>South Atlantic</b> .....	<b>2,199</b>	<b>218.3</b>	<b>13.96</b>	<b>819</b>	<b>229.0</b>	<b>14.78</b>	<b>60</b>	<b>238.9</b>	<b>15.40</b>	<b>227.6</b>	<b>14.52</b>
Delaware.....	—	—	—	—	—	—	—	—	—	231.1	14.80
District of Columbia.....	—	—	—	—	—	—	—	—	—	288.3	17.37
Florida.....	2,096	218.8	13.98	819	229.0	14.78	60	238.9	15.40	226.6	14.46
Georgia.....	—	—	—	—	—	—	—	—	—	—	—
Maryland.....	88	217.3	13.97	—	—	—	—	—	—	231.5	14.71
North Carolina.....	—	—	—	—	—	—	—	—	—	—	—
South Carolina.....	—	—	—	—	—	—	—	—	—	—	—
Virginia.....	16	163.4	10.50	—	—	—	—	—	—	163.4	10.50
West Virginia.....	—	—	—	—	—	—	—	—	—	—	—
<b>East South Central</b> .....	—	—	—	<b>192</b>	<b>140.6</b>	<b>9.36</b>	—	—	—	<b>140.6</b>	<b>9.36</b>
Alabama.....	—	—	—	—	—	—	—	—	—	—	—
Kentucky.....	—	—	—	—	—	—	—	—	—	—	—
Mississippi.....	—	—	—	192	140.6	9.36	—	—	—	140.6	9.36
Tennessee.....	—	—	—	—	—	—	—	—	—	—	—
<b>West South Central</b> .....	—	—	—	—	—	—	—	—	—	—	—
Arkansas.....	—	—	—	—	—	—	—	—	—	—	—
Louisiana.....	—	—	—	—	—	—	—	—	—	—	—
Oklahoma.....	—	—	—	—	—	—	—	—	—	—	—
Texas.....	—	—	—	—	—	—	—	—	—	—	—
<b>Mountain</b> .....	—	—	—	—	—	—	—	—	—	—	—
Arizona.....	—	—	—	—	—	—	—	—	—	—	—
Colorado.....	—	—	—	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—	—	—	—
Nevada.....	—	—	—	—	—	—	—	—	—	—	—
New Mexico.....	—	—	—	—	—	—	—	—	—	—	—
Utah.....	—	—	—	—	—	—	—	—	—	—	—
Wyoming.....	—	—	—	—	—	—	—	—	—	—	—
<b>Pacific Contiguous</b> .....	—	—	—	—	—	—	—	—	—	—	—
California.....	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—	—	—
Washington.....	—	—	—	—	—	—	—	—	—	—	—
<b>Pacific Noncontiguous</b> .....	—	—	—	—	—	—	—	—	—	<b>276.0</b>	<b>17.30</b>
Alaska.....	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—	276.0	17.30
<b>U. S. Total</b> .....	<b>2,802</b>	<b>216.0</b>	<b>13.82</b>	<b>1,011</b>	<b>211.8</b>	<b>13.75</b>	<b>60</b>	<b>238.9</b>	<b>15.40</b>	<b>230.2</b>	<b>14.67</b>

<sup>1</sup> 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 1999 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, May 1999**

Census Division and State	Natural		Blast-Furnace <sup>1</sup>		Refinery		Total	
	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)
<b>New England</b> .....	<b>3,166</b>	<b>3,241</b>	—	—	—	—	<b>3,166</b>	<b>3,241</b>
Connecticut.....	1,741	1,779	—	—	—	—	1,741	1,779
Maine.....	—	—	—	—	—	—	—	—
Massachusetts.....	1,424	1,461	—	—	—	—	1,424	1,461
New Hampshire.....	—	—	—	—	—	—	—	—
Rhode Island.....	—	—	—	—	—	—	—	—
Vermont.....	1	1	—	—	—	—	1	1
<b>Middle Atlantic</b> .....	<b>22,223</b>	<b>22,859</b>	—	—	—	—	<b>22,223</b>	<b>22,859</b>
New Jersey.....	1,332	1,388	—	—	—	—	1,332	1,388
New York.....	20,305	20,866	—	—	—	—	20,305	20,866
Pennsylvania.....	586	605	—	—	—	—	586	605
<b>East North Central</b> .....	<b>7,127</b>	<b>7,238</b>	<b>1,674</b>	<b>289</b>	—	—	<b>8,801</b>	<b>7,527</b>
Illinois.....	2,784	2,847	—	—	—	—	2,784	2,847
Indiana.....	150	154	—	—	—	—	150	154
Michigan.....	3,432	3,462	1,674	289	—	—	5,107	3,752
Ohio.....	364	376	—	—	—	—	364	376
Wisconsin.....	396	399	—	—	—	—	396	399
<b>West North Central</b> .....	<b>3,233</b>	<b>3,304</b>	—	—	—	—	<b>3,233</b>	<b>3,304</b>
Iowa.....	226	227	—	—	—	—	226	227
Kansas.....	2,388	2,456	—	—	—	—	2,388	2,456
Minnesota.....	216	219	—	—	—	—	216	219
Missouri.....	315	314	—	—	—	—	315	314
Nebraska.....	88	87	—	—	—	—	88	87
North Dakota.....	—	—	—	—	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—
<b>South Atlantic</b> .....	<b>31,225</b>	<b>32,590</b>	—	—	<b>41</b>	<b>48</b>	<b>31,266</b>	<b>32,637</b>
Delaware.....	2,065	2,014	—	—	—	—	2,065	2,014
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	25,550	26,769	—	—	—	—	25,550	26,769
Georgia.....	987	1,020	—	—	—	—	987	1,020
Maryland.....	262	274	—	—	—	—	262	274
North Carolina.....	93	97	—	—	—	—	93	97
South Carolina.....	30	30	—	—	—	—	30	30
Virginia.....	2,196	2,345	—	—	41	48	2,238	2,393
West Virginia.....	41	41	—	—	—	—	41	41
<b>East South Central</b> .....	<b>6,823</b>	<b>6,982</b>	—	—	—	—	<b>6,823</b>	<b>6,982</b>
Alabama.....	140	143	—	—	—	—	140	143
Kentucky.....	132	136	—	—	—	—	132	136
Mississippi.....	6,551	6,704	—	—	—	—	6,551	6,704
Tennessee.....	—	—	—	—	—	—	—	—
<b>West South Central</b> .....	<b>151,081</b>	<b>154,766</b>	—	—	—	—	<b>151,081</b>	<b>154,766</b>
Arkansas.....	1,786	1,811	—	—	—	—	1,786	1,811
Louisiana.....	29,217	30,437	—	—	—	—	29,217	30,437
Oklahoma.....	14,637	15,059	—	—	—	—	14,637	15,059
Texas.....	105,441	107,458	—	—	—	—	105,441	107,458
<b>Mountain</b> .....	<b>13,242</b>	<b>13,432</b>	—	—	—	—	<b>13,242</b>	<b>13,432</b>
Arizona.....	4,026	3,959	—	—	—	—	4,026	3,959
Colorado.....	1,943	2,011	—	—	—	—	1,943	2,011
Idaho.....	—	—	—	—	—	—	—	—
Montana.....	2	2	—	—	—	—	2	2
Nevada.....	5,030	5,175	—	—	—	—	5,030	5,175
New Mexico.....	2,101	2,140	—	—	—	—	2,101	2,140
Utah.....	134	138	—	—	—	—	134	138
Wyoming.....	6	6	—	—	—	—	6	6
<b>Pacific Contiguous</b> .....	<b>11,928</b>	<b>11,984</b>	—	—	—	—	<b>11,928</b>	<b>11,984</b>
California.....	9,786	9,818	—	—	—	—	9,786	9,818
Oregon.....	2,142	2,166	—	—	—	—	2,142	2,166
Washington.....	—	—	—	—	—	—	—	—
<b>Pacific Noncontiguous</b> .....	<b>1,779</b>	<b>1,779</b>	—	—	—	—	<b>1,779</b>	<b>1,779</b>
Alaska.....	1,779	1,779	—	—	—	—	1,779	1,779
Hawaii.....	—	—	—	—	—	—	—	—
<b>U.S. Total</b> .....	<b>251,827</b>	<b>258,176</b>	<b>1,674</b>	<b>289</b>	<b>41</b>	<b>48</b>	<b>253,543</b>	<b>258,513</b>

<sup>1</sup> 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 1999 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	May 1999 Receipts		May 1998 Receipts		Year to Date			
	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents/million Btu) <sup>1</sup>	
					1999	1998	1999	1998
<b>New England</b> .....	<b>3,166</b>	<b>3,241</b>	<b>5,878</b>	<b>6,045</b>	<b>4,762</b>	<b>25,725</b>	<b>238.3</b>	<b>309.5</b>
Connecticut.....	1,741	1,779	1,262	1,301	1,987	3,174	242.5	258.5
Maine.....	—	—	—	—	—	—	—	—
Massachusetts.....	1,424	1,461	2,661	2,738	2,759	12,493	235.2	308.5
New Hampshire.....	—	—	—	—	—	—	—	—
Rhode Island.....	—	—	1,943	1,994	—	9,924	—	327.4
Vermont.....	1	1	12	12	16	135	249.8	288.8
<b>Middle Atlantic</b> .....	<b>22,223</b>	<b>22,859</b>	<b>20,674</b>	<b>21,270</b>	<b>69,609</b>	<b>71,914</b>	<b>252.6</b>	<b>280.3</b>
New Jersey.....	1,332	1,388	2,004	2,083	2,924	4,321	270.8	276.9
New York.....	20,305	20,866	18,371	18,877	65,467	66,315	251.1	278.6
Pennsylvania.....	586	605	298	310	1,219	1,277	291.5	379.7
<b>East North Central</b> .....	<b>8,801</b>	<b>7,527</b>	<b>5,836</b>	<b>4,320</b>	<b>27,996</b>	<b>27,154</b>	<b>224.4</b>	<b>240.2</b>
Illinois.....	2,784	2,847	1,514	1,543	14,828	18,545	211.1	233.8
Indiana.....	150	154	374	382	817	898	289.1	309.2
Michigan.....	5,107	3,752	3,311	1,744	9,935	5,947	229.4	232.6
Ohio.....	364	376	267	275	937	626	254.9	310.8
Wisconsin.....	396	399	370	376	1,480	1,139	268.8	290.7
<b>West North Central</b> .....	<b>3,233</b>	<b>3,304</b>	<b>3,210</b>	<b>3,173</b>	<b>13,917</b>	<b>7,376</b>	<b>222.1</b>	<b>254.3</b>
Iowa.....	226	227	249	249	1,139	1,298	314.6	321.0
Kansas.....	2,388	2,456	2,231	2,190	9,914	4,593	206.5	238.6
Minnesota.....	216	219	13	13	928	100	259.6	265.7
Missouri.....	315	314	482	489	1,680	957	229.5	241.7
Nebraska.....	88	87	235	231	256	428	231.8	245.5
North Dakota.....	—	—	—	—	*	*	459.9	323.5
South Dakota.....	—	—	—	—	—	—	—	—
<b>South Atlantic</b> .....	<b>31,266</b>	<b>32,637</b>	<b>26,270</b>	<b>27,533</b>	<b>118,415</b>	<b>97,263</b>	<b>270.2</b>	<b>297.9</b>
Delaware.....	2,065	2,014	899	888	6,242	2,184	277.7	252.3
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	25,550	26,769	22,727	23,869	96,425	88,296	269.2	297.0
Georgia.....	987	1,020	669	689	2,291	832	225.4	337.0
Maryland.....	262	274	204	214	2,127	748	273.9	311.4
North Carolina.....	93	97	159	166	255	270	296.0	317.4
South Carolina.....	30	30	101	104	71	142	307.5	336.5
Virginia.....	2,238	2,393	1,448	1,539	10,813	4,699	282.8	320.7
West Virginia.....	41	41	63	63	192	91	300.8	419.9
<b>East South Central</b> .....	<b>6,823</b>	<b>6,982</b>	<b>7,165</b>	<b>7,425</b>	<b>23,927</b>	<b>13,255</b>	<b>219.5</b>	<b>242.1</b>
Alabama.....	140	143	166	171	665	747	238.5	253.5
Kentucky.....	132	136	54	55	436	349	348.0	393.8
Mississippi.....	6,551	6,704	6,946	7,199	22,826	12,160	216.5	237.1
Tennessee.....	—	—	—	—	—	—	—	—
<b>West South Central</b> .....	<b>151,081</b>	<b>154,766</b>	<b>161,402</b>	<b>165,531</b>	<b>586,649</b>	<b>528,949</b>	<b>216.7</b>	<b>244.9</b>
Arkansas.....	1,786	1,812	2,668	2,725	7,034	5,826	212.2	232.7
Louisiana.....	29,217	30,437	27,901	29,083	115,002	84,063	215.6	246.2
Oklahoma.....	14,637	15,059	15,311	15,670	55,209	47,049	241.4	287.9
Texas.....	105,441	107,458	115,522	118,053	409,404	392,011	213.7	239.6
<b>Mountain</b> .....	<b>13,242</b>	<b>13,432</b>	<b>7,476</b>	<b>7,609</b>	<b>55,825</b>	<b>35,778</b>	<b>222.5</b>	<b>238.4</b>
Arizona.....	4,026	3,959	652	658	14,582	4,079	234.0	285.4
Colorado.....	1,943	2,011	42	45	5,540	731	235.7	272.6
Idaho.....	—	—	—	—	—	—	—	—
Montana.....	2	2	4	5	32	31	363.9	390.6
Nevada.....	5,030	5,175	3,777	3,866	21,545	17,231	225.6	227.1
New Mexico.....	2,101	2,140	2,995	3,030	12,974	13,676	197.0	235.3
Utah.....	134	138	—	—	1,103	—	222.7	—
Wyoming.....	6	6	6	6	48	31	620.0	720.1
<b>Pacific Contiguous</b> .....	<b>11,928</b>	<b>11,984</b>	<b>13,460</b>	<b>13,659</b>	<b>81,370</b>	<b>108,418</b>	<b>253.3</b>	<b>270.1</b>
California.....	9,786	9,818	13,271	13,468	75,434	101,918	258.5	279.6
Oregon.....	2,142	2,166	189	191	5,936	6,498	187.1	121.4
Washington.....	—	—	—	—	—	2	—	325.9
<b>Pacific Noncontiguous</b> .....	<b>1,779</b>	<b>1,779</b>	<b>1,499</b>	<b>1,499</b>	<b>9,343</b>	<b>8,715</b>	<b>166.4</b>	<b>185.1</b>
Alaska.....	1,779	1,779	1,499	1,499	9,343	8,715	166.4	185.1
Hawaii.....	—	—	—	—	—	—	—	—
<b>U.S. Total</b> .....	<b>253,543</b>	<b>258,513</b>	<b>252,869</b>	<b>258,064</b>	<b>991,814</b>	<b>924,547</b>	<b>228.9</b>	<b>257.1</b>

<sup>1</sup> Monetary values are expressed in nominal terms.

\* Less than 0.5.

Notes: •Data for 1999 are preliminary. Data for 1998 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, May 1999**

Census Division and State	Firm Gas			Interruptible Gas			Spot Gas			Total Gas		
	Receipts	Average Cost <sup>1</sup>		Receipts	Average Cost <sup>1</sup>		Receipts	Average Cost <sup>1</sup>		Receipts	Average Cost <sup>1</sup>	
	(1,000 Mcf)	(Cents/ 10 <sup>6</sup> Btu)	(\$/ Mcf)	(1,000 Mcf)	(Cents/ 10 <sup>6</sup> Btu)	(\$/ Mcf)	(1,000 Mcf)	(Cents/ 10 <sup>6</sup> Btu)	(\$/ Mcf)	(1,000 Mcf)	(Cents/ 10 <sup>6</sup> Btu)	(\$/ Mcf)
<b>New England</b> .....	—	—	—	<b>3,165</b>	<b>247.9</b>	<b>2.54</b>	<b>1</b>	<b>299.5</b>	<b>3.03</b>	<b>3,166</b>	<b>247.9</b>	<b>2.54</b>
Connecticut.....	—	—	—	1,741	245.1	2.50	—	—	—	1,741	245.1	2.50
Maine.....	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	—	—	—	1,424	251.3	2.58	—	—	—	1,424	251.3	2.58
New Hampshire.....	—	—	—	—	—	—	—	—	—	—	—	—
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	1	299.5	3.03	1	299.5	3.03
<b>Middle Atlantic</b> .....	<b>1,864</b>	<b>338.0</b>	<b>3.42</b>	<b>14,331</b>	<b>253.6</b>	<b>2.62</b>	<b>6,028</b>	<b>272.2</b>	<b>2.80</b>	<b>22,223</b>	<b>265.6</b>	<b>2.73</b>
New Jersey.....	—	—	—	1,324	273.2	2.85	8	331.6	3.46	1,332	273.6	2.85
New York.....	1,539	358.7	3.61	12,906	250.8	2.58	5,859	268.2	2.76	20,305	263.8	2.71
Pennsylvania.....	325	242.1	2.49	100	350.3	3.64	161	413.7	4.28	586	307.8	3.18
<b>East North Central</b> .....	<b>135</b>	<b>260.4</b>	<b>2.65</b>	<b>4,629</b>	<b>239.2</b>	<b>1.70</b>	<b>4,037</b>	<b>238.1</b>	<b>2.42</b>	<b>8,801</b>	<b>239.0</b>	<b>2.04</b>
Illinois.....	89	274.9	2.81	114	270.7	2.79	2,581	227.7	2.33	2,784	231.0	2.36
Indiana.....	—	—	—	150	310.8	3.19	—	—	—	150	310.8	3.19
Michigan.....	30	239.4	2.39	3,976	226.0	1.49	1,100	263.2	2.63	5,107	237.0	1.74
Ohio.....	16	218.0	2.23	1	449.7	4.50	348	234.7	2.42	364	234.6	2.42
Wisconsin.....	—	—	—	387	288.9	2.91	9	338.0	3.38	396	290.0	2.92
<b>West North Central</b> .....	<b>43</b>	<b>291.1</b>	<b>2.86</b>	<b>2,579</b>	<b>232.7</b>	<b>2.39</b>	<b>611</b>	<b>246.7</b>	<b>2.46</b>	<b>3,233</b>	<b>236.0</b>	<b>2.41</b>
Iowa.....	6	321.5	3.23	194	293.7	2.95	26	334.9	3.35	226	299.2	3.01
Kansas.....	30	241.0	2.35	1,974	224.8	2.33	383	248.2	2.48	2,388	228.6	2.35
Minnesota.....	—	—	—	131	239.7	2.45	85	213.3	2.13	216	229.5	2.32
Missouri.....	—	—	—	198	239.3	2.40	117	246.6	2.43	315	242.0	2.41
Nebraska.....	6	491.7	4.92	82	257.4	2.55	—	—	—	88	274.6	2.72
North Dakota.....	—	—	—	—	—	—	—	—	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>South Atlantic</b> .....	<b>24,403</b>	<b>300.1</b>	<b>3.13</b>	<b>4,647</b>	<b>267.8</b>	<b>2.79</b>	<b>2,217</b>	<b>273.2</b>	<b>2.92</b>	<b>31,266</b>	<b>293.4</b>	<b>3.06</b>
Delaware.....	2,065	259.8	2.53	—	—	—	—	—	—	2,065	259.8	2.53
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—	—
Florida.....	22,296	304.0	3.19	3,234	269.1	2.81	20	284.1	2.98	25,550	299.6	3.14
Georgia.....	—	—	—	987	249.3	2.58	—	—	—	987	249.3	2.58
Maryland.....	—	—	—	262	313.7	3.27	—	—	—	262	313.7	3.27
North Carolina.....	—	—	—	93	260.2	2.71	—	—	—	93	260.2	2.71
South Carolina.....	—	—	—	30	336.5	3.46	—	—	—	30	336.5	3.46
Virginia.....	41	129.4	1.49	—	—	—	2,196	273.1	2.92	2,238	270.3	2.89
West Virginia.....	—	—	—	41	281.0	2.81	—	—	—	41	281.0	2.81
<b>East South Central</b> .....	<b>297</b>	<b>243.3</b>	<b>2.51</b>	<b>433</b>	<b>245.5</b>	<b>2.53</b>	<b>6,093</b>	<b>245.4</b>	<b>2.51</b>	<b>6,823</b>	<b>245.3</b>	<b>2.51</b>
Alabama.....	—	—	—	140	264.5	2.70	—	—	—	140	264.5	2.70
Kentucky.....	—	—	—	—	—	—	132	499.3	5.12	132	499.3	5.12
Mississippi.....	297	243.3	2.51	293	236.5	2.45	5,961	239.8	2.45	6,551	239.8	2.45
Tennessee.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>West South Central</b> .....	<b>69,819</b>	<b>250.3</b>	<b>2.56</b>	<b>7,263</b>	<b>220.0</b>	<b>2.27</b>	<b>73,999</b>	<b>238.8</b>	<b>2.45</b>	<b>151,081</b>	<b>243.2</b>	<b>2.49</b>
Arkansas.....	—	—	—	—	—	—	1,786	248.2	2.52	1,786	248.2	2.52
Louisiana.....	10,058	262.2	2.75	4,125	232.1	2.44	15,034	242.7	2.51	29,217	247.9	2.58
Oklahoma.....	10,462	266.4	2.75	29	259.1	2.61	4,146	240.3	2.45	14,637	259.1	2.67
Texas.....	49,298	244.3	2.48	3,109	203.0	2.05	53,034	237.2	2.43	105,441	239.5	2.44
<b>Mountain</b> .....	<b>4,377</b>	<b>261.8</b>	<b>2.60</b>	<b>5,440</b>	<b>242.5</b>	<b>2.48</b>	<b>3,425</b>	<b>231.7</b>	<b>2.38</b>	<b>13,242</b>	<b>245.9</b>	<b>2.49</b>
Arizona.....	1,939	280.1	2.66	1,417	260.6	2.64	670	269.8	2.76	4,026	271.3	2.67
Colorado.....	1,943	250.8	2.60	—	—	—	—	—	—	1,943	250.8	2.60
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	2	1,005.6	10.99	—	—	—	—	—	—	2	1,005.6	10.99
Nevada.....	—	—	—	2,409	250.9	2.59	2,621	222.2	2.28	5,030	236.0	2.43
New Mexico.....	487	230.9	2.35	1,614	214.0	2.18	—	—	—	2,101	217.9	2.22
Utah.....	—	—	—	—	—	—	134	228.5	2.36	134	228.5	2.36
Wyoming.....	6	630.9	6.59	—	—	—	—	—	—	6	630.9	6.59
<b>Pacific Contiguous</b> .....	<b>730</b>	<b>224.6</b>	<b>2.25</b>	<b>2,466</b>	<b>269.2</b>	<b>2.66</b>	<b>8,732</b>	<b>255.4</b>	<b>2.58</b>	<b>11,928</b>	<b>256.3</b>	<b>2.57</b>
California.....	730	224.6	2.25	2,466	269.2	2.66	6,589	277.1	2.79	9,786	271.2	2.72
Oregon.....	—	—	—	—	—	—	2,142	188.8	1.91	2,142	188.8	1.91
Washington.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Pacific Noncontiguous</b> .....	<b>1,779</b>	<b>161.1</b>	<b>1.61</b>	—	—	—	—	—	—	<b>1,779</b>	<b>161.1</b>	<b>1.61</b>
Alaska.....	1,779	161.1	1.61	—	—	—	—	—	—	1,779	161.1	1.61
Hawaii.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>U. S. Total</b> .....	<b>103,447</b>	<b>262.6</b>	<b>2.69</b>	<b>44,953</b>	<b>246.2</b>	<b>2.45</b>	<b>105,142</b>	<b>243.0</b>	<b>2.49</b>	<b>253,543</b>	<b>251.6</b>	<b>2.57</b>

<sup>1</sup> 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 1999 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 June 1999**  
(Million Kilowatthours)

Period	Residential	Commercial	Industrial	Other <sup>1</sup>	All Sectors
<b>1989</b> .....	<b>905,525</b>	<b>725,861</b>	<b>925,659</b>	<b>89,765</b>	<b>2,646,809</b>
<b>1990</b> .....	<b>924,019</b>	<b>751,027</b>	<b>945,522</b>	<b>91,988</b>	<b>2,712,555</b>
<b>1991</b> .....	<b>955,417</b>	<b>765,664</b>	<b>946,583</b>	<b>94,339</b>	<b>2,762,003</b>
<b>1992</b> .....	<b>935,939</b>	<b>761,271</b>	<b>972,714</b>	<b>93,442</b>	<b>2,763,365</b>
<b>1993</b> .....	<b>994,781</b>	<b>794,573</b>	<b>977,164</b>	<b>94,944</b>	<b>2,861,462</b>
<b>1994</b> .....	<b>1,008,482</b>	<b>820,269</b>	<b>1,007,981</b>	<b>97,830</b>	<b>2,934,563</b>
<b>1995</b> .....	<b>1,042,501</b>	<b>862,685</b>	<b>1,012,693</b>	<b>95,407</b>	<b>3,013,287</b>
<b>1996</b> .....	<b>1,082,491</b>	<b>887,425</b>	<b>1,030,356</b>	<b>97,539</b>	<b>3,097,810</b>
<b>1997</b>					
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
<b>Total</b> .....	<b>1,075,767</b>	<b>928,440</b>	<b>1,032,653</b>	<b>102,901</b>	<b>3,139,761</b>
<b>1998</b>					
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
<b>Total</b> .....	<b>1,124,004</b>	<b>948,904</b>	<b>1,047,346</b>	<b>99,868</b>	<b>3,220,121</b>
<b>1999</b>					
January.....	110,691	78,321	82,535	8,150	279,696
February.....	86,293	72,721	80,844	7,763	247,621
March.....	89,025	74,919	85,165	8,014	257,122
April.....	76,918	73,435	85,178	7,725	243,255
May.....	76,785	76,946	88,831	8,113	250,674
June.....	95,459	86,146	90,549	8,516	280,670
<b>Year to Date</b>					
<b>1999</b> .....	<b>535,170</b>	<b>462,487</b>	<b>513,101</b>	<b>48,280</b>	<b>1,559,039</b>
<b>1998</b> .....	<b>522,455</b>	<b>446,773</b>	<b>513,344</b>	<b>47,697</b>	<b>1,530,270</b>
<b>1997</b> .....	<b>504,858</b>	<b>439,203</b>	<b>506,326</b>	<b>49,260</b>	<b>1,499,647</b>

<sup>1</sup> 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, June 1999 and 1998**  
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other <sup>1</sup>		All Sectors	
	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998
<b>New England</b> .....	<b>3,111</b>	<b>2,850</b>	<b>3,962</b>	<b>3,701</b>	<b>2,324</b>	<b>2,196</b>	<b>104</b>	<b>98</b>	<b>9,501</b>	<b>8,844</b>
Connecticut.....	933	817	1,049	1,031	552	524	29	25	2,564	2,397
Maine.....	264	301	273	267	401	389	5	5	942	962
Massachusetts.....	1,289	1,161	1,932	1,746	893	838	41	40	4,155	3,785
New Hampshire.....	284	243	309	282	236	189	12	12	841	726
Rhode Island.....	193	185	234	225	121	121	13	13	561	544
Vermont.....	147	143	165	149	123	135	3	3	438	430
<b>Middle Atlantic</b> .....	<b>8,434</b>	<b>8,397</b>	<b>10,037</b>	<b>10,375</b>	<b>7,859</b>	<b>7,038</b>	<b>1,210</b>	<b>1,179</b>	<b>27,541</b>	<b>26,989</b>
New Jersey.....	2,129	1,899	2,815	2,653	1,226	1,135	29	34	6,199	5,722
New York.....	3,212	3,113	4,055	4,726	2,453	2,072	1,061	1,043	10,782	10,953
Pennsylvania.....	3,093	3,385	3,167	2,996	4,180	3,830	120	102	10,560	10,314
<b>East North Central</b> .....	<b>14,381</b>	<b>13,368</b>	<b>13,969</b>	<b>13,176</b>	<b>19,227</b>	<b>18,621</b>	<b>1,243</b>	<b>1,232</b>	<b>48,821</b>	<b>46,396</b>
Illinois.....	3,642	3,562	3,828	3,592	3,951	3,813	740	682	12,161	11,649
Indiana.....	2,291	2,302	1,583	1,664	3,893	3,789	42	37	7,808	7,791
Michigan.....	2,841	2,507	3,389	3,092	3,237	3,143	59	59	9,526	8,801
Ohio.....	3,927	3,503	3,675	3,375	5,870	5,696	344	399	13,815	12,974
Wisconsin.....	1,681	1,494	1,494	1,452	2,277	2,180	58	55	5,510	5,180
<b>West North Central</b> .....	<b>7,003</b>	<b>7,141</b>	<b>5,804</b>	<b>5,719</b>	<b>6,598</b>	<b>6,698</b>	<b>443</b>	<b>454</b>	<b>19,848</b>	<b>20,012</b>
Iowa.....	1,011	997	678	647	1,367	1,338	112	109	3,167	3,092
Kansas.....	1,057	1,233	1,103	1,093	737	801	31	31	2,928	3,158
Minnesota.....	1,451	1,345	894	885	2,299	2,303	67	52	4,712	4,586
Missouri.....	2,434	2,518	2,161	2,131	1,250	1,315	81	82	5,925	6,045
Nebraska.....	612	626	587	589	630	641	92	117	1,921	1,972
North Dakota.....	196	193	195	190	149	144	35	34	575	561
South Dakota.....	242	229	185	184	166	155	26	29	619	598
<b>South Atlantic</b> .....	<b>23,263</b>	<b>25,984</b>	<b>19,892</b>	<b>19,950</b>	<b>14,084</b>	<b>14,541</b>	<b>1,787</b>	<b>1,808</b>	<b>59,027</b>	<b>62,283</b>
Delaware.....	255	244	279	272	327	326	4	4	865	847
District of Columbia.....	152	153	728	706	21	28	32	32	933	920
Florida.....	8,477	9,489	6,124	6,175	1,461	1,513	461	513	16,523	17,690
Georgia.....	3,739	4,685	3,005	3,123	2,911	2,918	111	115	9,766	10,842
Maryland.....	1,952	1,844	2,237	2,069	817	892	55	56	5,061	4,860
North Carolina.....	3,338	3,772	3,004	3,043	3,151	3,320	176	175	9,669	10,310
South Carolina.....	1,881	2,415	1,473	1,680	2,769	2,901	76	80	6,199	7,076
Virginia.....	2,783	2,777	2,438	2,348	1,686	1,671	864	826	7,772	7,622
West Virginia.....	687	604	606	534	941	972	7	6	2,240	2,116
<b>East South Central</b> .....	<b>8,698</b>	<b>9,596</b>	<b>4,515</b>	<b>4,638</b>	<b>11,344</b>	<b>11,226</b>	<b>485</b>	<b>476</b>	<b>25,042</b>	<b>25,935</b>
Alabama.....	2,437	3,024	1,367	1,487	3,313	3,257	42	40	7,158	7,807
Kentucky.....	1,894	1,837	1,107	1,066	2,820	2,928	295	284	6,116	6,114
Mississippi.....	1,458	1,616	901	911	1,380	1,369	62	62	3,802	3,957
Tennessee.....	2,909	3,120	1,140	1,174	3,832	3,672	85	90	7,966	8,057
<b>West South Central</b> .....	<b>15,523</b>	<b>17,105</b>	<b>10,654</b>	<b>10,863</b>	<b>13,657</b>	<b>14,013</b>	<b>1,803</b>	<b>1,806</b>	<b>41,636</b>	<b>43,787</b>
Arkansas.....	1,128	1,330	742	774	1,305	1,375	57	63	3,233	3,541
Louisiana.....	2,658	2,809	1,647	1,651	2,736	2,669	252	250	7,293	7,378
Oklahoma.....	1,654	1,960	1,166	1,186	977	1,112	317	243	4,114	4,500
Texas.....	10,083	11,007	7,100	7,253	8,639	8,857	1,176	1,251	26,997	28,368
<b>Mountain</b> .....	<b>5,618</b>	<b>4,811</b>	<b>6,172</b>	<b>5,522</b>	<b>5,272</b>	<b>5,710</b>	<b>746</b>	<b>704</b>	<b>17,808</b>	<b>16,748</b>
Arizona.....	2,062	1,666	1,869	1,591	979	1,100	283	235	5,193	4,592
Colorado.....	947	905	1,388	1,342	695	832	96	92	3,126	3,171
Idaho.....	461	440	684	574	724	744	36	31	1,905	1,789
Montana.....	265	243	251	271	89	524	12	19	617	1,058
Nevada.....	845	652	558	473	985	908	61	84	2,449	2,117
New Mexico.....	370	349	513	497	497	528	151	144	1,531	1,517
Utah.....	527	416	696	578	656	512	71	63	1,950	1,567
Wyoming.....	140	139	214	198	646	562	36	37	1,036	936
<b>Pacific Contiguous</b> .....	<b>9,088</b>	<b>8,534</b>	<b>10,716</b>	<b>9,788</b>	<b>9,803</b>	<b>9,503</b>	<b>679</b>	<b>701</b>	<b>30,285</b>	<b>28,526</b>
California.....	5,718	5,307	7,704	6,922	5,225	4,843	340	341	18,988	17,414
Oregon.....	1,137	1,152	1,137	1,095	1,496	1,430	50	60	3,820	3,737
Washington.....	2,232	2,075	1,875	1,771	3,082	3,230	289	300	7,478	7,375
<b>Pacific Noncontiguous</b> .....	<b>340</b>	<b>341</b>	<b>425</b>	<b>414</b>	<b>380</b>	<b>389</b>	<b>16</b>	<b>17</b>	<b>1,161</b>	<b>1,161</b>
Alaska.....	123	125	183	182	72	79	12	12	388	398
Hawaii.....	217	216	243	232	308	311	5	5	773	763
<b>U.S. Total</b> .....	<b>95,459</b>	<b>98,128</b>	<b>86,146</b>	<b>84,146</b>	<b>90,549</b>	<b>89,934</b>	<b>8,516</b>	<b>8,474</b>	<b>280,670</b>	<b>280,682</b>

<sup>1</sup> 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, June 1999**  
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other <sup>1</sup>	All Sectors
<b>New England</b> .....	<b>0.7</b>	<b>0.9</b>	<b>1.2</b>	<b>2.5</b>	<b>1.0</b>
Connecticut.....	.3	.0	.9	.9	.1
Maine.....	.4	3.6	1.5	14.2	.5
Massachusetts.....	1.6	1.8	2.8	6.1	2.3
New Hampshire.....	2.0	.3	1.8	2.7	1.7
Rhode Island.....	.2	.1	.3	1.4	.0
Vermont.....	2.1	2.8	8.2	2.2	.6
<b>Middle Atlantic</b> .....	<b>2.4</b>	<b>4.3</b>	<b>1.5</b>	<b>2.0</b>	<b>2.1</b>
New Jersey.....	1.3	.1	.7	2.3	.3
New York.....	4.7	10.6	3.3	2.2	4.6
Pennsylvania.....	4.2	1.8	2.1	5.1	2.5
<b>East North Central</b> .....	<b>1.4</b>	<b>.8</b>	<b>2.3</b>	<b>1.4</b>	<b>1.1</b>
Illinois.....	.2	.6	.5	.3	.4
Indiana.....	7.9	2.7	3.1	5.5	2.9
Michigan.....	.6	2.8	7.9	5.4	2.0
Ohio.....	1.4	.6	5.8	4.7	3.0
Wisconsin.....	4.2	1.0	1.4	4.4	1.1
<b>West North Central</b> .....	<b>1.3</b>	<b>1.0</b>	<b>2.0</b>	<b>4.3</b>	<b>.8</b>
Iowa.....	3.1	3.3	1.4	2.1	.9
Kansas.....	2.2	.5	3.2	2.1	.6
Minnesota.....	2.0	3.9	3.8	7.2	3.1
Missouri.....	2.8	1.7	7.1	6.9	1.0
Nebraska.....	3.8	1.3	1.3	18.5	1.8
North Dakota.....	3.7	2.6	4.3	5.3	1.6
South Dakota.....	4.8	1.3	3.7	6.6	3.3
<b>South Atlantic</b> .....	<b>.7</b>	<b>.4</b>	<b>.4</b>	<b>1.4</b>	<b>.3</b>
Delaware.....	.3	.2	2.0	.5	.5
District of Columbia.....	.0	.0	.0	.0	.0
Florida.....	.7	.7	.9	5.2	.5
Georgia.....	.4	1.5	.2	3.1	1.0
Maryland.....	1.1	.5	.9	4.2	.8
North Carolina.....	3.5	1.2	.6	2.2	.9
South Carolina.....	2.5	.9	1.6	1.3	1.7
Virginia.....	2.3	.4	.8	.2	.9
West Virginia.....	.6	1.0	.3	6.5	.2
<b>East South Central</b> .....	<b>1.8</b>	<b>1.3</b>	<b>1.8</b>	<b>3.1</b>	<b>1.5</b>
Alabama.....	2.4	3.4	1.2	5.5	1.1
Kentucky.....	4.9	1.3	6.6	1.2	5.7
Mississippi.....	.9	2.5	2.5	2.9	1.5
Tennessee.....	3.6	1.6	1.6	16.8	1.7
<b>West South Central</b> .....	<b>1.7</b>	<b>.5</b>	<b>1.2</b>	<b>1.2</b>	<b>1.0</b>
Arkansas.....	2.3	1.8	3.5	4.7	.5
Louisiana.....	2.8	2.0	3.5	1.6	3.7
Oklahoma.....	3.3	2.2	5.2	5.1	.9
Texas.....	2.5	.3	1.3	1.1	1.2
<b>Mountain</b> .....	<b>1.0</b>	<b>.9</b>	<b>1.9</b>	<b>2.9</b>	<b>.8</b>
Arizona.....	1.7	1.2	6.2	2.1	1.0
Colorado.....	1.0	1.5	3.6	6.2	2.3
Idaho.....	.8	3.3	.7	22.0	1.8
Montana.....	.2	8.0	80.3	21.8	12.8
Nevada.....	3.8	2.5	1.9	2.9	2.5
New Mexico.....	.4	.5	3.2	5.6	2.1
Utah.....	4.0	4.7	.3	2.1	2.3
Wyoming.....	5.6	2.8	.8	44.8	.5
<b>Pacific Contiguous</b> .....	<b>.8</b>	<b>.8</b>	<b>.9</b>	<b>8.1</b>	<b>.5</b>
California.....	.9	1.0	1.2	15.9	.5
Oregon.....	4.3	2.0	2.5	11.8	.7
Washington.....	1.3	.6	1.7	2.7	1.4
<b>Pacific Noncontiguous</b> .....	<b>.3</b>	<b>.2</b>	<b>3.0</b>	<b>12.2</b>	<b>.9</b>
Alaska.....	.5	.2	15.6	17.1	2.6
Hawaii.....	.3	.3	.7	.1	.5
<b>U.S. Average</b> .....	<b>.5</b>	<b>.5</b>	<b>.6</b>	<b>.9</b>	<b>.4</b>

<sup>1</sup> 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 <sup>1</sup>		All Sectors	
	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998
<b>New England</b> .....	<b>20,096</b>	<b>18,914</b>	<b>22,274</b>	<b>21,186</b>	<b>12,713</b>	<b>12,607</b>	<b>693</b>	<b>688</b>	<b>55,775</b>	<b>53,395</b>
Connecticut.....	5,671	5,298	5,742	5,678	2,905	2,881	186	185	14,504	14,043
Maine.....	1,875	1,850	1,667	1,602	2,239	2,242	28	30	5,808	5,724
Massachusetts.....	8,486	7,985	10,879	10,285	4,931	4,886	301	296	24,597	23,452
New Hampshire.....	1,789	1,688	1,704	1,590	1,219	1,154	73	72	4,784	4,505
Rhode Island.....	1,265	1,109	1,346	1,190	695	650	85	86	3,390	3,035
Vermont.....	1,009	983	937	841	725	794	19	19	2,691	2,636
<b>Middle Atlantic</b> .....	<b>52,840</b>	<b>50,760</b>	<b>56,987</b>	<b>58,311</b>	<b>42,277</b>	<b>42,219</b>	<b>7,203</b>	<b>7,255</b>	<b>159,308</b>	<b>158,545</b>
New Jersey.....	10,992	10,728	15,227	14,797	6,619	6,739	250	243	33,088	32,508
New York.....	20,129	19,094	23,371	26,170	12,480	12,405	6,288	6,381	62,269	64,049
Pennsylvania.....	21,719	20,938	18,389	17,344	23,178	23,075	665	630	63,952	61,988
<b>East North Central</b> .....	<b>79,206</b>	<b>76,048</b>	<b>72,735</b>	<b>70,717</b>	<b>111,281</b>	<b>108,488</b>	<b>7,452</b>	<b>7,353</b>	<b>270,674</b>	<b>262,605</b>
Illinois.....	18,589	17,965	19,437	19,094	21,795	21,306	4,357	4,251	64,178	62,616
Indiana.....	13,656	13,072	9,348	9,113	22,541	22,094	272	264	45,818	44,543
Michigan.....	14,827	14,319	16,978	16,463	17,630	17,638	404	416	49,838	48,836
Ohio.....	22,684	21,497	18,722	18,149	36,396	34,871	2,054	2,052	79,856	76,569
Wisconsin.....	9,450	9,194	8,250	7,898	12,919	12,579	365	370	30,984	30,041
<b>West North Central</b> .....	<b>38,646</b>	<b>38,840</b>	<b>31,506</b>	<b>31,126</b>	<b>37,783</b>	<b>38,615</b>	<b>2,582</b>	<b>2,672</b>	<b>110,517</b>	<b>111,253</b>
Iowa.....	5,458	5,417	3,782	3,607	7,779	7,664	657	644	17,677	17,332
Kansas.....	4,967	5,206	5,558	5,467	4,674	4,738	191	192	15,390	15,603
Minnesota.....	8,473	8,074	5,310	5,169	12,925	13,333	336	335	27,044	26,912
Missouri.....	12,623	13,050	11,253	11,366	7,266	7,768	481	481	31,623	32,665
Nebraska.....	3,729	3,779	3,182	3,148	3,349	3,395	552	620	10,812	10,943
North Dakota.....	1,739	1,686	1,306	1,261	890	864	213	216	4,147	4,027
South Dakota.....	1,657	1,626	1,115	1,108	899	853	153	184	3,824	3,771
<b>South Atlantic</b> .....	<b>127,798</b>	<b>127,354</b>	<b>105,750</b>	<b>101,781</b>	<b>78,964</b>	<b>80,574</b>	<b>10,222</b>	<b>9,991</b>	<b>322,734</b>	<b>319,699</b>
Delaware.....	1,698	1,583	1,606	1,506	1,845	1,834	26	25	5,175	4,949
District of Columbia.....	762	742	3,864	3,821	120	135	179	180	4,925	4,878
Florida.....	41,836	42,340	32,722	31,158	8,363	8,531	2,725	2,711	85,645	84,740
Georgia.....	18,153	18,981	15,814	15,206	16,661	16,664	655	635	51,284	51,486
Maryland.....	11,458	10,784	12,038	11,424	4,973	5,146	366	385	28,836	27,739
North Carolina.....	20,798	20,602	16,060	15,536	16,741	17,516	998	965	54,596	54,620
South Carolina.....	10,918	11,171	7,723	7,658	15,217	15,465	414	426	34,271	34,721
Virginia.....	17,389	16,673	12,796	12,492	9,543	9,727	4,813	4,618	44,541	43,510
West Virginia.....	4,787	4,477	3,128	2,979	5,500	5,556	46	45	13,461	13,057
<b>East South Central</b> .....	<b>46,976</b>	<b>46,605</b>	<b>23,244</b>	<b>22,365</b>	<b>67,682</b>	<b>65,612</b>	<b>2,728</b>	<b>2,643</b>	<b>140,630</b>	<b>137,225</b>
Alabama.....	12,289	12,620	7,197	6,898	17,756	18,083	303	293	37,544	37,894
Kentucky.....	10,738	10,014	5,758	5,472	21,113	19,740	1,550	1,519	39,158	36,745
Mississippi.....	6,980	7,032	4,437	4,198	7,898	7,805	339	319	19,654	19,354
Tennessee.....	16,970	16,939	5,853	5,797	20,916	19,984	536	512	44,274	43,332
<b>West South Central</b> .....	<b>70,956</b>	<b>70,391</b>	<b>54,286</b>	<b>52,126</b>	<b>77,184</b>	<b>77,658</b>	<b>9,098</b>	<b>9,007</b>	<b>211,524</b>	<b>209,181</b>
Arkansas.....	6,213	6,311	3,755	3,657	7,555	7,493	296	304	17,820	17,766
Louisiana.....	11,550	11,060	8,261	7,782	15,350	15,216	1,309	1,289	36,469	35,346
Oklahoma.....	7,938	8,271	5,780	5,708	6,218	6,323	1,357	1,296	21,294	21,597
Texas.....	45,255	44,749	36,489	34,979	48,061	48,627	6,136	6,118	135,941	134,472
<b>Mountain</b> .....	<b>31,462</b>	<b>30,074</b>	<b>32,028</b>	<b>29,868</b>	<b>31,165</b>	<b>33,139</b>	<b>3,944</b>	<b>3,659</b>	<b>98,599</b>	<b>96,740</b>
Arizona.....	9,515	9,168	9,230	8,292	5,779	6,332	1,349	1,163	25,873	24,954
Colorado.....	6,557	6,311	8,097	7,583	4,507	4,749	537	477	19,699	19,120
Idaho.....	3,528	3,320	2,880	2,671	4,033	4,120	154	148	10,596	10,259
Montana.....	1,933	1,877	1,643	1,634	1,410	2,937	102	122	5,087	6,570
Nevada.....	3,635	3,327	2,777	2,550	5,225	4,900	459	437	12,096	11,214
New Mexico.....	2,253	2,229	2,686	2,635	3,004	3,025	730	703	8,672	8,591
Utah.....	2,897	2,723	3,416	3,229	3,661	3,577	391	387	10,366	9,915
Wyoming.....	1,144	1,119	1,298	1,276	3,546	3,499	221	223	6,209	6,117
<b>Pacific Contiguous</b> .....	<b>64,891</b>	<b>61,267</b>	<b>61,089</b>	<b>56,817</b>	<b>51,792</b>	<b>52,184</b>	<b>4,244</b>	<b>4,318</b>	<b>182,017</b>	<b>174,586</b>
California.....	36,311	34,620	42,441	39,016	28,882	27,995	2,071	2,140	109,704	103,771
Oregon.....	9,790	9,173	6,990	6,708	7,638	7,690	334	342	24,752	23,913
Washington.....	18,791	17,474	11,659	11,093	15,272	16,499	1,840	1,836	47,562	46,901
<b>Pacific Noncontiguous</b> .....	<b>2,298</b>	<b>2,203</b>	<b>2,589</b>	<b>2,476</b>	<b>2,260</b>	<b>2,249</b>	<b>113</b>	<b>112</b>	<b>7,260</b>	<b>7,040</b>
Alaska.....	981	913	1,208	1,145	443	432	85	83	2,717	2,574
Hawaii.....	1,317	1,290	1,381	1,331	1,817	1,816	28	28	4,543	4,466
<b>U.S. Total</b> .....	<b>535,170</b>	<b>522,455</b>	<b>462,487</b>	<b>446,773</b>	<b>513,101</b>	<b>513,344</b>	<b>48,280</b>	<b>47,697</b>	<b>1,559,039</b>	<b>1,530,270</b>

<sup>1</sup> 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 June 1999**  
(Million Dollars)

Period	Residential	Commercial	Industrial	Other <sup>1</sup>	All Sectors
<b>1989</b> .....	<b>69,240</b>	<b>52,228</b>	<b>43,719</b>	<b>5,609</b>	<b>170,797</b>
<b>1990</b> .....	<b>72,378</b>	<b>55,117</b>	<b>44,857</b>	<b>5,891</b>	<b>178,243</b>
<b>1991</b> .....	<b>76,828</b>	<b>57,655</b>	<b>45,737</b>	<b>6,138</b>	<b>186,359</b>
<b>1992</b> .....	<b>76,848</b>	<b>58,343</b>	<b>46,993</b>	<b>6,296</b>	<b>188,480</b>
<b>1993</b> .....	<b>82,814</b>	<b>61,521</b>	<b>47,357</b>	<b>6,528</b>	<b>198,220</b>
<b>1994</b> .....	<b>84,552</b>	<b>63,396</b>	<b>48,069</b>	<b>6,689</b>	<b>202,706</b>
<b>1995</b> .....	<b>87,610</b>	<b>66,365</b>	<b>47,175</b>	<b>6,567</b>	<b>207,717</b>
<b>1996</b> .....	<b>90,501</b>	<b>67,827</b>	<b>47,385</b>	<b>6,741</b>	<b>212,455</b>
<b>1997</b>					
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
<b>Total</b> .....	<b>90,694</b>	<b>70,482</b>	<b>46,772</b>	<b>7,110</b>	<b>215,059</b>
<b>1998</b>					
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
<b>Total</b> .....	<b>93,005</b>	<b>70,478</b>	<b>47,129</b>	<b>6,790</b>	<b>217,401</b>
<b>1999</b>					
January.....	8,406	5,434	3,528	543	17,910
February.....	6,849	5,184	3,497	513	16,042
March.....	7,031	5,314	3,571	538	16,454
April.....	6,243	5,169	3,625	519	15,556
May.....	6,360	5,498	3,819	551	16,227
June.....	8,037	6,320	4,092	581	19,030
<b>Year to Date</b>					
<b>1999</b> .....	<b>42,926</b>	<b>32,918</b>	<b>22,131</b>	<b>3,244</b>	<b>101,219</b>
<b>1998</b> .....	<b>42,768</b>	<b>32,982</b>	<b>22,691</b>	<b>3,254</b>	<b>101,695</b>
<b>1997</b> .....	<b>41,926</b>	<b>32,931</b>	<b>22,421</b>	<b>3,412</b>	<b>100,692</b>

<sup>1</sup> 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, June 1999 and 1998**  
(Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Other <sup>1</sup>		All Sectors	
	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998
<b>New England</b> .....	<b>362</b>	<b>329</b>	<b>390</b>	<b>375</b>	<b>176</b>	<b>172</b>	<b>16</b>	<b>16</b>	<b>944</b>	<b>892</b>
Connecticut.....	110	101	106	106	41	41	4	4	262	252
Maine.....	34	34	27	26	24	23	1	1	86	84
Massachusetts.....	138	122	183	175	72	71	7	7	400	375
New Hampshire.....	40	34	36	33	22	19	1	2	99	88
Rhode Island.....	22	21	22	21	9	9	2	2	54	53
Vermont.....	18	16	16	14	8	9	*	*	43	40
<b>Middle Atlantic</b> .....	<b>1,007</b>	<b>1,027</b>	<b>947</b>	<b>1,098</b>	<b>400</b>	<b>425</b>	<b>118</b>	<b>121</b>	<b>2,472</b>	<b>2,671</b>
New Jersey.....	272	226	300	273	98	94	7	7	677	601
New York.....	453	430	445	569	126	108	99	101	1,123	1,208
Pennsylvania.....	283	370	202	256	176	223	11	12	672	862
<b>East North Central</b> .....	<b>1,255</b>	<b>1,225</b>	<b>1,054</b>	<b>989</b>	<b>892</b>	<b>878</b>	<b>93</b>	<b>95</b>	<b>3,295</b>	<b>3,187</b>
Illinois.....	332	398	303	302	207	212	53	53	896	965
Indiana.....	164	170	100	103	153	159	5	4	422	437
Michigan.....	261	224	273	244	173	161	8	8	716	638
Ohio.....	373	323	288	253	268	260	22	25	951	861
Wisconsin.....	125	110	90	87	90	85	5	4	309	287
<b>West North Central</b> .....	<b>570</b>	<b>591</b>	<b>393</b>	<b>397</b>	<b>313</b>	<b>319</b>	<b>33</b>	<b>31</b>	<b>1,311</b>	<b>1,339</b>
Iowa.....	83	90	47	47	57	58	8	8	195	202
Kansas.....	79	94	68	69	34	36	3	4	184	203
Minnesota.....	115	105	61	60	115	112	7	5	299	282
Missouri.....	210	220	155	161	68	74	7	6	440	460
Nebraska.....	48	50	36	37	24	24	6	6	115	118
North Dakota.....	15	14	12	12	7	7	2	2	36	35
South Dakota.....	19	18	13	12	8	7	1	1	42	39
<b>South Atlantic</b> .....	<b>1,860</b>	<b>2,091</b>	<b>1,285</b>	<b>1,315</b>	<b>603</b>	<b>665</b>	<b>107</b>	<b>111</b>	<b>3,856</b>	<b>4,183</b>
Delaware.....	25	24	22	21	15	16	1	1	63	62
District of Columbia.....	14	14	68	63	1	1	2	2	86	81
Florida.....	649	748	375	393	70	83	31	35	1,125	1,258
Georgia.....	306	399	188	214	128	159	10	10	632	782
Maryland.....	189	180	180	172	41	43	6	6	416	401
North Carolina.....	265	299	187	193	143	158	11	13	606	662
South Carolina.....	145	179	94	106	102	108	5	5	345	398
Virginia.....	223	209	138	124	67	60	42	40	470	433
West Virginia.....	44	39	33	29	35	37	1	1	114	106
<b>East South Central</b> .....	<b>568</b>	<b>641</b>	<b>272</b>	<b>289</b>	<b>470</b>	<b>477</b>	<b>29</b>	<b>29</b>	<b>1,339</b>	<b>1,438</b>
Alabama.....	174	218	88	99	131	142	3	3	396	462
Kentucky.....	112	108	58	56	103	97	14	13	288	274
Mississippi.....	97	116	53	59	56	58	5	5	211	238
Tennessee.....	184	200	73	75	180	181	7	8	444	463
<b>West South Central</b> .....	<b>1,143</b>	<b>1,314</b>	<b>638</b>	<b>696</b>	<b>534</b>	<b>568</b>	<b>105</b>	<b>113</b>	<b>2,421</b>	<b>2,691</b>
Arkansas.....	88	102	44	46	56	58	4	4	191	211
Louisiana.....	191	196	104	103	117	106	15	15	427	420
Oklahoma.....	119	138	75	77	39	44	16	13	248	272
Texas.....	746	877	415	471	323	359	70	81	1,554	1,788
<b>Mountain</b> .....	<b>438</b>	<b>382</b>	<b>400</b>	<b>370</b>	<b>238</b>	<b>248</b>	<b>39</b>	<b>38</b>	<b>1,115</b>	<b>1,038</b>
Arizona.....	189	156	149	136	58	62	13	12	410	366
Colorado.....	72	70	79	78	31	37	7	7	190	192
Idaho.....	25	24	28	25	20	21	2	1	75	72
Montana.....	18	16	16	16	10	18	1	1	45	52
Nevada.....	58	45	39	33	53	47	3	4	154	128
New Mexico.....	33	31	40	39	23	24	8	8	105	102
Utah.....	33	29	37	33	23	21	3	3	96	85
Wyoming.....	9	9	11	10	18	19	1	1	41	40
<b>Pacific Contiguous</b> .....	<b>788</b>	<b>727</b>	<b>892</b>	<b>839</b>	<b>429</b>	<b>411</b>	<b>38</b>	<b>36</b>	<b>2,147</b>	<b>2,013</b>
California.....	609	555	750	703	325	311	26	24	1,710	1,593
Oregon.....	68	71	57	55	42	37	3	3	170	166
Washington.....	111	101	85	81	62	62	9	9	267	254
<b>Pacific Noncontiguous</b> .....	<b>45</b>	<b>44</b>	<b>48</b>	<b>45</b>	<b>36</b>	<b>34</b>	<b>2</b>	<b>2</b>	<b>131</b>	<b>126</b>
Alaska.....	14	15	17	17	6	6	2	2	39	39
Hawaii.....	31	29	30	28	30	29	1	1	92	87
<b>U.S. Total</b> .....	<b>8,037</b>	<b>8,371</b>	<b>6,320</b>	<b>6,414</b>	<b>4,092</b>	<b>4,199</b>	<b>581</b>	<b>593</b>	<b>19,030</b>	<b>19,577</b>

<sup>1</sup> Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.  
\* Less than 0.5.

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, June 1999 (Percent)**

Census Division and State	Residential	Commercial	Industrial	Other <sup>1</sup>	All Sectors
<b>New England</b> .....	<b>0.3</b>	<b>1.2</b>	<b>1.9</b>	<b>1.6</b>	<b>1.0</b>
Connecticut.....	.7	.4	.8	.4	.6
Maine.....	.7	3.5	1.4	6.6	1.1
Massachusetts.....	.6	2.4	4.3	3.7	2.3
New Hampshire.....	1.0	2.0	1.8	.8	1.1
Rhode Island.....	.2	.3	.2	1.0	.3
Vermont.....	.9	2.9	12.7	7.3	1.8
<b>Middle Atlantic</b> .....	<b>2.2</b>	<b>1.6</b>	<b>4.1</b>	<b>2.6</b>	<b>1.8</b>
New Jersey.....	.8	.3	1.3	.5	.3
New York.....	3.4	2.9	5.8	3.0	2.1
Pennsylvania.....	5.7	3.4	8.4	1.1	5.6
<b>East North Central</b> .....	<b>1.2</b>	<b>.9</b>	<b>1.8</b>	<b>1.3</b>	<b>.9</b>
Illinois.....	1.7	.4	.7	.3	.6
Indiana.....	5.4	2.2	3.0	7.1	2.4
Michigan.....	1.4	2.8	7.6	3.2	3.3
Ohio.....	1.8	1.2	2.5	5.3	1.4
Wisconsin.....	5.2	2.5	1.6	1.0	3.1
<b>West North Central</b> .....	<b>2.2</b>	<b>.8</b>	<b>2.4</b>	<b>4.4</b>	<b>1.5</b>
Iowa.....	1.7	.1	1.2	2.3	.5
Kansas.....	1.7	2.5	6.0	4.9	3.0
Minnesota.....	2.8	1.6	5.5	11.8	4.6
Missouri.....	5.5	1.3	4.4	5.9	2.4
Nebraska.....	5.9	4.0	3.3	18.5	5.3
North Dakota.....	3.4	1.8	5.1	7.5	2.5
South Dakota.....	4.8	1.7	5.8	5.7	4.3
<b>South Atlantic</b> .....	<b>.6</b>	<b>.6</b>	<b>.8</b>	<b>2.0</b>	<b>.5</b>
Delaware.....	.3	.3	.9	1.0	.3
District of Columbia.....	.0	.0	.0	.0	.0
Florida.....	.6	.8	2.4	6.1	.7
Georgia.....	.9	3.2	1.3	2.8	1.9
Maryland.....	2.4	.4	.9	.8	1.1
North Carolina.....	2.1	.2	1.8	8.8	.3
South Carolina.....	4.7	2.4	2.6	1.4	3.6
Virginia.....	1.7	.0	1.9	.2	.5
West Virginia.....	.6	1.0	.2	.8	.4
<b>East South Central</b> .....	<b>2.0</b>	<b>2.0</b>	<b>1.1</b>	<b>2.4</b>	<b>1.2</b>
Alabama.....	2.0	4.1	1.2	5.1	.1
Kentucky.....	6.5	2.5	2.5	1.4	3.1
Mississippi.....	5.9	6.6	4.5	5.6	5.3
Tennessee.....	3.2	1.9	1.8	8.6	1.5
<b>West South Central</b> .....	<b>4.3</b>	<b>4.5</b>	<b>5.6</b>	<b>4.5</b>	<b>4.6</b>
Arkansas.....	5.1	6.1	3.4	9.8	4.8
Louisiana.....	3.6	2.2	3.1	7.0	2.8
Oklahoma.....	6.2	7.0	1.0	2.7	5.6
Texas.....	6.5	6.8	9.3	6.5	7.0
<b>Mountain</b> .....	<b>1.1</b>	<b>.9</b>	<b>1.1</b>	<b>1.4</b>	<b>.9</b>
Arizona.....	1.9	.4	2.5	2.3	1.0
Colorado.....	1.8	2.8	2.5	2.4	3.2
Idaho.....	2.5	3.4	2.3	10.1	1.7
Montana.....	1.5	5.6	11.1	2.2	1.9
Nevada.....	3.9	4.2	2.8	3.7	3.5
New Mexico.....	.6	.8	3.5	2.7	1.2
Utah.....	2.4	3.7	.3	1.8	1.9
Wyoming.....	5.3	4.0	.9	22.0	2.2
<b>Pacific Contiguous</b> .....	<b>.8</b>	<b>2.7</b>	<b>2.7</b>	<b>10.1</b>	<b>1.8</b>
California.....	1.0	3.1	2.5	14.3	2.1
Oregon.....	2.3	1.9	5.5	5.3	1.7
Washington.....	1.6	1.8	12.9	9.0	4.9
<b>Pacific Noncontiguous</b> .....	<b>.9</b>	<b>1.1</b>	<b>2.8</b>	<b>3.1</b>	<b>1.2</b>
Alaska.....	.9	1.8	13.8	4.0	1.3
Hawaii.....	1.2	1.3	2.0	1.6	1.6
<b>U.S. Average</b> .....	<b>.8</b>	<b>.7</b>	<b>1.0</b>	<b>1.3</b>	<b>.7</b>

<sup>1</sup> 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 <sup>1</sup>		All Sectors	
	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998
<b>New England</b> .....	<b>2,268</b>	<b>2,189</b>	<b>2,093</b>	<b>2,085</b>	<b>946</b>	<b>991</b>	<b>95</b>	<b>98</b>	<b>5,403</b>	<b>5,364</b>
Connecticut.....	652	638	558	571	213	222	26	27	1,449	1,458
Maine.....	246	236	182	175	151	153	7	7	587	571
Massachusetts.....	860	845	934	950	367	398	40	42	2,201	2,236
New Hampshire.....	248	226	195	183	112	108	9	10	564	526
Rhode Island.....	137	128	121	118	50	52	11	10	319	308
Vermont.....	125	116	102	87	54	59	3	3	283	265
<b>Middle Atlantic</b> .....	<b>5,906</b>	<b>5,859</b>	<b>5,343</b>	<b>5,893</b>	<b>2,124</b>	<b>2,451</b>	<b>660</b>	<b>675</b>	<b>14,033</b>	<b>14,878</b>
New Jersey.....	1,269	1,216	1,532	1,468	520	522	46	44	3,367	3,249
New York.....	2,751	2,649	2,596	3,010	592	628	547	555	6,486	6,842
Pennsylvania.....	1,886	1,995	1,215	1,415	1,013	1,301	67	76	4,180	4,786
<b>East North Central</b> .....	<b>6,424</b>	<b>6,554</b>	<b>5,276</b>	<b>5,209</b>	<b>4,905</b>	<b>4,868</b>	<b>514</b>	<b>521</b>	<b>17,119</b>	<b>17,152</b>
Illinois.....	1,555	1,876	1,423	1,486	1,061	1,084	284	290	4,322	4,736
Indiana.....	967	943	576	564	887	888	27	26	2,457	2,422
Michigan.....	1,296	1,242	1,350	1,310	895	890	48	48	3,589	3,491
Ohio.....	1,914	1,833	1,439	1,385	1,555	1,516	128	131	5,036	4,865
Wisconsin.....	692	660	489	463	507	488	28	27	1,715	1,638
<b>West North Central</b> .....	<b>2,731</b>	<b>2,758</b>	<b>1,868</b>	<b>1,871</b>	<b>1,598</b>	<b>1,623</b>	<b>168</b>	<b>166</b>	<b>6,365</b>	<b>6,417</b>
Iowa.....	436	456	239	239	292	300	42	41	1,008	1,035
Kansas.....	363	384	340	344	208	212	17	18	928	959
Minnesota.....	624	587	329	318	591	585	27	27	1,571	1,517
Missouri.....	852	879	641	655	309	327	29	29	1,832	1,891
Nebraska.....	227	230	169	168	116	122	36	34	548	554
North Dakota.....	109	106	77	74	40	38	9	10	234	227
South Dakota.....	121	116	74	72	41	38	7	7	243	234
<b>South Atlantic</b> .....	<b>9,777</b>	<b>9,855</b>	<b>6,660</b>	<b>6,542</b>	<b>3,211</b>	<b>3,348</b>	<b>631</b>	<b>627</b>	<b>20,279</b>	<b>20,373</b>
Delaware.....	147	141	111	104	83	87	4	3	344	335
District of Columbia.....	58	56	281	272	5	6	12	12	357	346
Florida.....	3,304	3,376	2,095	2,018	414	431	187	188	6,001	6,013
Georgia.....	1,312	1,422	1,013	1,073	642	695	54	55	3,021	3,244
Maryland.....	926	877	785	745	206	207	34	34	1,951	1,863
North Carolina.....	1,641	1,630	1,003	975	742	793	69	70	3,455	3,468
South Carolina.....	817	831	488	482	542	549	26	26	1,872	1,888
Virginia.....	1,272	1,244	709	707	368	372	241	235	2,590	2,558
West Virginia.....	299	279	175	166	210	210	4	4	688	659
<b>East South Central</b> .....	<b>2,950</b>	<b>2,979</b>	<b>1,408</b>	<b>1,395</b>	<b>2,551</b>	<b>2,491</b>	<b>164</b>	<b>162</b>	<b>7,073</b>	<b>7,028</b>
Alabama.....	830	856	464	454	653	675	23	21	1,970	2,006
Kentucky.....	593	571	297	285	622	571	71	71	1,583	1,497
Mississippi.....	455	493	269	283	315	326	26	28	1,065	1,130
Tennessee.....	1,072	1,060	378	373	961	919	45	43	2,456	2,395
<b>West South Central</b> .....	<b>4,996</b>	<b>5,048</b>	<b>3,443</b>	<b>3,382</b>	<b>3,044</b>	<b>3,072</b>	<b>551</b>	<b>555</b>	<b>12,035</b>	<b>12,057</b>
Arkansas.....	439	456	209	209	288	289	19	20	955	975
Louisiana.....	786	774	519	511	608	626	76	78	1,989	1,990
Oklahoma.....	510	528	304	302	216	221	60	59	1,090	1,110
Texas.....	3,262	3,289	2,411	2,359	1,933	1,936	396	397	8,001	7,982
<b>Mountain</b> .....	<b>2,311</b>	<b>2,229</b>	<b>1,998</b>	<b>1,908</b>	<b>1,285</b>	<b>1,323</b>	<b>204</b>	<b>196</b>	<b>5,798</b>	<b>5,656</b>
Arizona.....	791	768	661	629	305	313	61	56	1,818	1,766
Colorado.....	483	471	454	434	197	209	42	41	1,176	1,155
Idaho.....	187	170	125	115	109	106	8	7	429	398
Montana.....	132	125	103	99	68	103	9	9	311	336
Nevada.....	263	238	188	169	234	209	18	16	704	632
New Mexico.....	199	200	214	210	133	138	41	41	588	588
Utah.....	184	187	183	184	123	126	17	17	506	515
Wyoming.....	72	70	69	68	117	119	8	8	266	265
<b>Pacific Contiguous</b> .....	<b>5,276</b>	<b>5,010</b>	<b>4,551</b>	<b>4,422</b>	<b>2,268</b>	<b>2,316</b>	<b>240</b>	<b>238</b>	<b>12,335</b>	<b>11,986</b>
California.....	3,764	3,586	3,635	3,544	1,637	1,676	157	156	9,194	8,963
Oregon.....	565	542	349	340	245	233	18	17	1,178	1,133
Washington.....	947	881	566	538	385	408	65	65	1,963	1,891
<b>Pacific Noncontiguous</b> .....	<b>286</b>	<b>286</b>	<b>278</b>	<b>275</b>	<b>199</b>	<b>207</b>	<b>16</b>	<b>16</b>	<b>779</b>	<b>784</b>
Alaska.....	109	106	110	107	33	32	13	12	265	258
Hawaii.....	177	181	168	167	166	175	3	4	514	527
<b>U.S. Total</b> .....	<b>42,926</b>	<b>42,768</b>	<b>32,918</b>	<b>32,982</b>	<b>22,131</b>	<b>22,691</b>	<b>3,244</b>	<b>3,254</b>	<b>101,219</b>	<b>101,695</b>

<sup>1</sup> 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 June 1999**  
(Cents)

Period	Residential	Commercial	Industrial	Other <sup>1</sup>	All Sectors
<b>1989</b> .....	<b>7.65</b>	<b>7.20</b>	<b>4.72</b>	<b>6.25</b>	<b>6.45</b>
<b>1990</b> .....	<b>7.83</b>	<b>7.34</b>	<b>4.74</b>	<b>6.40</b>	<b>6.57</b>
<b>1991</b> .....	<b>8.04</b>	<b>7.53</b>	<b>4.83</b>	<b>6.51</b>	<b>6.75</b>
<b>1992</b> .....	<b>8.21</b>	<b>7.66</b>	<b>4.83</b>	<b>6.74</b>	<b>6.82</b>
<b>1993</b> .....	<b>8.32</b>	<b>7.74</b>	<b>4.85</b>	<b>6.88</b>	<b>6.93</b>
<b>1994</b> .....	<b>8.38</b>	<b>7.73</b>	<b>4.77</b>	<b>6.84</b>	<b>6.91</b>
<b>1995</b> .....	<b>8.40</b>	<b>7.69</b>	<b>4.66</b>	<b>6.88</b>	<b>6.89</b>
<b>1996</b> .....	<b>8.36</b>	<b>7.64</b>	<b>4.60</b>	<b>6.91</b>	<b>6.86</b>
<b>1997</b>					
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
<b>Average</b> .....	<b>8.43</b>	<b>7.59</b>	<b>4.53</b>	<b>6.91</b>	<b>6.85</b>
<b>1998</b>					
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
<b>Average</b> .....	<b>8.27</b>	<b>7.43</b>	<b>4.50</b>	<b>6.80</b>	<b>6.75</b>
<b>1999</b>					
January.....	7.59	6.94	4.27	6.66	6.40
February.....	7.94	7.13	4.33	6.60	6.48
March.....	7.90	7.09	4.19	6.72	6.40
April.....	8.12	7.04	4.26	6.72	6.39
May.....	8.28	7.14	4.30	6.79	6.47
June.....	8.42	7.34	4.52	6.82	6.78
<b>Year-to-Date Average</b>					
<b>1999 Average</b> .....	<b>8.02</b>	<b>7.12</b>	<b>4.31</b>	<b>6.72</b>	<b>6.49</b>
<b>1998 Average</b> .....	<b>8.19</b>	<b>7.38</b>	<b>4.42</b>	<b>6.82</b>	<b>6.65</b>
<b>1997 Average</b> .....	<b>8.30</b>	<b>7.50</b>	<b>4.43</b>	<b>6.93</b>	<b>6.71</b>

<sup>1</sup> 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, June 1999 and 1998 (Cents)**

Census Division and State	Residential		Commercial		Industrial		Other <sup>1</sup>		All Sectors	
	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998
<b>New England</b> .....	<b>11.6</b>	<b>11.5</b>	<b>9.8</b>	<b>10.1</b>	<b>7.5</b>	<b>7.8</b>	<b>15.3</b>	<b>16.8</b>	<b>9.9</b>	<b>10.1</b>
Connecticut.....	11.8	12.4	10.1	10.3	7.5	7.9	14.8	16.9	10.2	10.5
Maine.....	13.0	11.4	9.8	9.9	5.9	5.8	26.2	24.6	9.1	8.8
Massachusetts.....	10.7	10.5	9.5	10.0	8.1	8.4	16.1	16.7	9.6	9.9
New Hampshire.....	14.0	14.0	11.8	11.6	9.1	10.1	11.6	18.2	11.8	12.1
Rhode Island.....	11.3	11.3	9.2	9.5	7.1	7.8	13.7	12.9	9.6	9.8
Vermont.....	12.2	11.2	9.8	9.4	6.7	6.8	14.7	16.9	9.8	9.2
<b>Middle Atlantic</b> .....	<b>11.9</b>	<b>12.2</b>	<b>9.4</b>	<b>10.6</b>	<b>5.1</b>	<b>6.0</b>	<b>9.7</b>	<b>10.3</b>	<b>9.0</b>	<b>9.9</b>
New Jersey.....	12.8	11.9	10.7	10.3	8.0	8.3	23.5	21.8	10.9	10.5
New York.....	14.1	13.8	11.0	12.0	5.1	5.2	9.4	9.7	10.4	11.0
Pennsylvania.....	9.1	10.9	6.4	8.6	4.2	5.8	9.4	12.0	6.4	8.4
<b>East North Central</b> .....	<b>8.7</b>	<b>9.2</b>	<b>7.5</b>	<b>7.5</b>	<b>4.6</b>	<b>4.7</b>	<b>7.5</b>	<b>7.7</b>	<b>6.8</b>	<b>6.9</b>
Illinois.....	9.1	11.2	7.9	8.4	5.2	5.6	7.2	7.8	7.4	8.3
Indiana.....	7.2	7.4	6.3	6.2	3.9	4.2	12.1	11.7	5.4	5.6
Michigan.....	9.2	8.9	8.1	7.9	5.4	5.1	14.1	14.2	7.5	7.2
Ohio.....	9.5	9.2	7.8	7.5	4.6	4.6	6.3	6.1	6.9	6.6
Wisconsin.....	7.4	7.4	6.0	6.0	4.0	3.9	7.8	8.0	5.6	5.5
<b>West North Central</b> .....	<b>8.1</b>	<b>8.3</b>	<b>6.8</b>	<b>6.9</b>	<b>4.8</b>	<b>4.8</b>	<b>7.5</b>	<b>6.8</b>	<b>6.6</b>	<b>6.7</b>
Iowa.....	8.2	9.0	7.0	7.2	4.2	4.4	6.8	6.9	6.2	6.5
Kansas.....	7.5	7.7	6.2	6.3	4.6	4.5	9.5	12.1	6.3	6.4
Minnesota.....	7.9	7.8	6.8	6.8	5.0	4.9	10.5	9.1	6.3	6.2
Missouri.....	8.6	8.7	7.2	7.5	5.4	5.6	8.2	6.9	7.4	7.6
Nebraska.....	7.9	8.0	6.2	6.3	3.8	3.8	6.7	5.5	6.0	6.0
North Dakota.....	7.4	7.4	6.3	6.3	4.8	4.7	4.9	4.7	6.2	6.2
South Dakota.....	8.0	7.9	7.0	6.8	4.9	4.8	5.4	4.6	6.8	6.6
<b>South Atlantic</b> .....	<b>8.0</b>	<b>8.0</b>	<b>6.5</b>	<b>6.6</b>	<b>4.3</b>	<b>4.6</b>	<b>6.0</b>	<b>6.2</b>	<b>6.5</b>	<b>6.7</b>
Delaware.....	9.8	9.9	8.0	7.7	4.6	4.9	13.8	13.9	7.3	7.3
District of Columbia.....	9.4	9.4	9.3	8.9	5.7	4.5	7.1	6.7	9.2	8.8
Florida.....	7.7	7.9	6.1	6.4	4.8	5.5	6.7	6.8	6.8	7.1
Georgia.....	8.2	8.5	6.3	6.9	4.4	5.4	8.6	8.4	6.5	7.2
Maryland.....	9.7	9.8	8.0	8.3	5.1	4.8	10.9	10.6	8.2	8.2
North Carolina.....	7.9	7.9	6.2	6.3	4.5	4.8	6.1	7.3	6.3	6.4
South Carolina.....	7.7	7.4	6.4	6.3	3.7	3.7	6.0	6.0	5.6	5.6
Virginia.....	8.0	7.5	5.7	5.3	4.0	3.6	4.9	4.8	6.0	5.7
West Virginia.....	6.5	6.4	5.4	5.5	3.8	3.8	10.4	11.4	5.1	5.0
<b>East South Central</b> .....	<b>6.5</b>	<b>6.7</b>	<b>6.0</b>	<b>6.2</b>	<b>4.1</b>	<b>4.3</b>	<b>6.0</b>	<b>6.2</b>	<b>5.3</b>	<b>5.5</b>
Alabama.....	7.1	7.2	6.5	6.7	3.9	4.4	7.8	7.4	5.5	5.9
Kentucky.....	5.9	5.9	5.2	5.3	3.7	3.3	4.8	4.7	4.7	4.5
Mississippi.....	6.7	7.2	5.9	6.5	4.0	4.3	7.3	8.4	5.5	6.0
Tennessee.....	6.3	6.4	6.4	6.4	4.7	4.9	8.1	8.6	5.6	5.7
<b>West South Central</b> .....	<b>7.4</b>	<b>7.7</b>	<b>6.0</b>	<b>6.4</b>	<b>3.9</b>	<b>4.1</b>	<b>5.8</b>	<b>6.2</b>	<b>5.8</b>	<b>6.1</b>
Arkansas.....	7.8	7.7	5.9	5.9	4.3	4.3	6.9	6.7	5.9	6.0
Louisiana.....	7.2	7.0	6.3	6.2	4.3	4.0	5.9	5.9	5.9	5.7
Oklahoma.....	7.2	7.1	6.5	6.5	3.9	4.0	5.0	5.2	6.0	6.1
Texas.....	7.4	8.0	5.8	6.5	3.7	4.1	6.0	6.5	5.8	6.3
<b>Mountain</b> .....	<b>7.8</b>	<b>7.9</b>	<b>6.5</b>	<b>6.7</b>	<b>4.5</b>	<b>4.3</b>	<b>5.3</b>	<b>5.4</b>	<b>6.3</b>	<b>6.2</b>
Arizona.....	9.2	9.4	8.0	8.6	5.9	5.6	4.7	5.1	7.9	8.0
Colorado.....	7.6	7.7	5.7	5.8	4.5	4.5	7.6	8.1	6.1	6.1
Idaho.....	5.5	5.5	4.0	4.4	2.8	2.9	4.3	4.5	3.9	4.0
Montana.....	6.8	6.7	6.5	5.8	10.8	3.4	12.9	7.7	7.4	4.9
Nevada.....	6.9	7.0	7.0	6.9	5.4	5.1	4.9	4.5	6.3	6.1
New Mexico.....	9.0	9.0	7.9	7.8	4.6	4.5	5.5	5.6	6.8	6.7
Utah.....	6.2	6.9	5.3	5.7	3.6	4.1	4.3	4.5	4.9	5.4
Wyoming.....	6.7	6.7	5.3	5.1	2.9	3.4	3.7	3.8	3.9	4.3
<b>Pacific Contiguous</b> .....	<b>8.7</b>	<b>8.5</b>	<b>8.3</b>	<b>8.6</b>	<b>4.4</b>	<b>4.3</b>	<b>5.6</b>	<b>5.1</b>	<b>7.1</b>	<b>7.1</b>
California.....	10.7	10.5	9.7	10.2	6.2	6.4	7.7	7.0	9.0	9.1
Oregon.....	6.0	6.1	5.0	5.0	2.8	2.6	5.8	4.8	4.4	4.4
Washington.....	5.0	4.9	4.6	4.6	2.0	1.9	3.0	3.0	3.6	3.4
<b>Pacific Noncontiguous</b> .....	<b>13.3</b>	<b>12.9</b>	<b>11.2</b>	<b>10.9</b>	<b>9.3</b>	<b>8.8</b>	<b>15.2</b>	<b>14.3</b>	<b>11.3</b>	<b>10.8</b>
Alaska.....	11.6	11.6	9.5	9.4	7.9	7.4	16.3	15.2	10.1	9.9
Hawaii.....	14.2	13.6	12.6	12.1	9.7	9.2	12.4	12.0	11.9	11.3
<b>U.S. Average</b> .....	<b>8.42</b>	<b>8.53</b>	<b>7.34</b>	<b>7.62</b>	<b>4.52</b>	<b>4.67</b>	<b>6.82</b>	<b>7.00</b>	<b>6.78</b>	<b>6.97</b>

<sup>1</sup> 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, June 1999**  
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other <sup>1</sup>	All Sectors
<b>New England</b> .....	<b>0.6</b>	<b>0.5</b>	<b>0.9</b>	<b>2.0</b>	<b>0.4</b>
Connecticut.....	.4	.5	1.6	.6	.6
Maine.....	.3	.5	.2	7.3	.6
Massachusetts.....	1.3	1.0	1.8	5.0	.9
New Hampshire.....	1.2	2.0	.2	2.6	.8
Rhode Island.....	.4	.2	.1	2.2	.3
Vermont.....	2.9	1.1	4.5	6.0	1.4
<b>Middle Atlantic</b> .....	<b>.8</b>	<b>3.3</b>	<b>2.8</b>	<b>.7</b>	<b>1.4</b>
New Jersey.....	1.0	.2	.8	1.8	.5
New York.....	1.4	8.3	2.8	.8	3.2
Pennsylvania.....	2.5	2.1	6.4	4.1	3.4
<b>East North Central</b> .....	<b>.9</b>	<b>.5</b>	<b>1.1</b>	<b>.8</b>	<b>.8</b>
Illinois.....	1.6	.9	.4	.1	.9
Indiana.....	3.2	.6	1.3	11.4	1.3
Michigan.....	.9	.2	1.1	2.5	1.3
Ohio.....	1.6	1.1	3.2	2.1	2.3
Wisconsin.....	1.0	2.3	1.9	4.1	2.1
<b>West North Central</b> .....	<b>1.5</b>	<b>1.3</b>	<b>1.0</b>	<b>3.1</b>	<b>1.2</b>
Iowa.....	4.8	3.4	1.7	.4	1.2
Kansas.....	3.0	2.4	3.2	4.2	2.5
Minnesota.....	2.1	3.9	1.8	5.7	1.9
Missouri.....	2.9	2.6	2.8	4.6	3.1
Nebraska.....	2.3	2.9	3.5	12.7	3.6
North Dakota.....	2.3	1.6	1.8	4.9	1.6
South Dakota.....	.5	1.5	2.4	5.8	1.1
<b>South Atlantic</b> .....	<b>.4</b>	<b>.4</b>	<b>.5</b>	<b>.9</b>	<b>.4</b>
Delaware.....	.5	.4	1.1	.8	.8
District of Columbia.....	.0	.0	.0	.0	.0
Florida.....	.6	.6	2.0	1.7	.6
Georgia.....	.9	1.8	1.2	1.3	1.0
Maryland.....	1.3	.9	.2	3.4	.7
North Carolina.....	1.6	1.0	1.2	7.0	1.1
South Carolina.....	2.8	2.5	1.1	.8	2.3
Virginia.....	.6	.5	1.2	.1	.4
West Virginia.....	.1	.2	.2	6.9	.3
<b>East South Central</b> .....	<b>1.0</b>	<b>1.0</b>	<b>1.5</b>	<b>1.5</b>	<b>1.4</b>
Alabama.....	.5	.8	1.8	1.0	1.1
Kentucky.....	2.2	1.8	4.8	.6	4.5
Mississippi.....	5.5	4.5	4.4	7.4	5.3
Tennessee.....	.5	.5	.9	8.5	.5
<b>West South Central</b> .....	<b>2.8</b>	<b>4.4</b>	<b>4.9</b>	<b>4.0</b>	<b>3.9</b>
Arkansas.....	2.8	4.4	5.5	5.3	4.5
Louisiana.....	1.4	.8	.6	7.1	1.7
Oklahoma.....	2.9	4.9	6.2	2.4	4.6
Texas.....	4.2	6.8	8.1	5.7	6.0
<b>Mountain</b> .....	<b>.4</b>	<b>.5</b>	<b>1.2</b>	<b>2.8</b>	<b>.5</b>
Arizona.....	.3	.9	3.8	3.9	.3
Colorado.....	1.1	1.4	1.4	4.2	1.0
Idaho.....	2.5	.3	1.6	14.1	1.5
Montana.....	1.5	2.7	69.3	21.9	10.9
Nevada.....	.4	1.8	1.4	.6	1.1
New Mexico.....	.6	.3	2.8	8.2	1.1
Utah.....	1.6	1.1	.0	2.7	.5
Wyoming.....	1.2	1.4	.6	23.0	2.2
<b>Pacific Contiguous</b> .....	<b>.9</b>	<b>2.6</b>	<b>3.1</b>	<b>4.7</b>	<b>2.0</b>
California.....	1.1	3.1	2.6	6.8	2.3
Oregon.....	2.0	3.0	5.8	10.0	2.1
Washington.....	.8	1.3	14.2	7.5	6.0
<b>Pacific Noncontiguous</b> .....	<b>.7</b>	<b>.9</b>	<b>1.5</b>	<b>11.0</b>	<b>.9</b>
Alaska.....	.9	1.7	3.7	15.5	1.6
Hawaii.....	.9	1.0	1.3	1.5	1.0
<b>U.S. Average</b> .....	<b>.4</b>	<b>.7</b>	<b>.8</b>	<b>.9</b>	<b>.6</b>

<sup>1</sup> 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 <sup>1</sup>		All Sectors	
	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998
<b>New England</b> .....	<b>11.3</b>	<b>11.6</b>	<b>9.4</b>	<b>9.8</b>	<b>7.4</b>	<b>7.9</b>	<b>13.8</b>	<b>14.3</b>	<b>9.7</b>	<b>10.0</b>
Connecticut.....	11.5	12.0	9.7	10.1	7.3	7.7	14.0	14.5	10.0	10.4
Maine.....	13.1	12.7	10.9	11.0	6.7	6.8	26.3	24.3	10.1	10.0
Massachusetts.....	10.1	10.6	8.6	9.2	7.4	8.1	13.2	14.2	8.9	9.5
New Hampshire.....	13.9	13.4	11.5	11.5	9.2	9.3	11.9	13.3	11.8	11.7
Rhode Island.....	10.8	11.6	9.0	9.9	7.2	8.0	12.7	11.1	9.4	10.2
Vermont.....	12.3	11.8	10.9	10.4	7.4	7.4	14.6	15.5	10.5	10.0
<b>Middle Atlantic</b> .....	<b>11.2</b>	<b>11.5</b>	<b>9.4</b>	<b>10.1</b>	<b>5.0</b>	<b>5.8</b>	<b>9.2</b>	<b>9.3</b>	<b>8.8</b>	<b>9.4</b>
New Jersey.....	11.5	11.3	10.1	9.9	7.9	7.7	18.6	18.2	10.2	10.0
New York.....	13.7	13.9	11.1	11.5	4.7	5.1	8.7	8.7	10.4	10.7
Pennsylvania.....	8.7	9.5	6.6	8.2	4.4	5.6	10.0	12.0	6.5	7.7
<b>East North Central</b> .....	<b>8.1</b>	<b>8.6</b>	<b>7.3</b>	<b>7.4</b>	<b>4.4</b>	<b>4.5</b>	<b>6.9</b>	<b>7.1</b>	<b>6.3</b>	<b>6.5</b>
Illinois.....	8.4	10.4	7.3	7.8	4.9	5.1	6.5	6.8	6.7	7.6
Indiana.....	7.1	7.2	6.2	6.2	3.9	4.0	9.9	9.9	5.4	5.4
Michigan.....	8.7	8.7	8.0	8.0	5.1	5.0	11.8	11.6	7.2	7.1
Ohio.....	8.4	8.5	7.7	7.6	4.3	4.3	6.2	6.4	6.3	6.4
Wisconsin.....	7.3	7.2	5.9	5.9	3.9	3.9	7.6	7.2	5.5	5.5
<b>West North Central</b> .....	<b>7.1</b>	<b>7.1</b>	<b>5.9</b>	<b>6.0</b>	<b>4.2</b>	<b>4.2</b>	<b>6.5</b>	<b>6.2</b>	<b>5.8</b>	<b>5.8</b>
Iowa.....	8.0	8.4	6.3	6.6	3.8	3.9	6.3	6.3	5.7	6.0
Kansas.....	7.3	7.4	6.1	6.3	4.4	4.5	9.0	9.6	6.0	6.1
Minnesota.....	7.4	7.3	6.2	6.1	4.6	4.4	8.0	8.0	5.8	5.6
Missouri.....	6.7	6.7	5.7	5.8	4.3	4.2	6.1	6.0	5.8	5.8
Nebraska.....	6.1	6.1	5.3	5.3	3.5	3.6	6.5	5.5	5.1	5.1
North Dakota.....	6.2	6.3	5.9	5.9	4.4	4.4	4.5	4.5	5.7	5.6
South Dakota.....	7.3	7.1	6.6	6.5	4.5	4.5	4.8	4.1	6.4	6.2
<b>South Atlantic</b> .....	<b>7.7</b>	<b>7.7</b>	<b>6.3</b>	<b>6.4</b>	<b>4.1</b>	<b>4.2</b>	<b>6.2</b>	<b>6.3</b>	<b>6.3</b>	<b>6.4</b>
Delaware.....	8.7	8.9	6.9	6.9	4.5	4.7	13.7	13.2	6.7	6.8
District of Columbia.....	7.6	7.6	7.3	7.1	4.5	4.2	6.9	6.7	7.3	7.1
Florida.....	7.9	8.0	6.4	6.5	5.0	5.1	6.9	6.9	7.0	7.1
Georgia.....	7.2	7.5	6.4	7.1	3.9	4.2	8.3	8.6	5.9	6.3
Maryland.....	8.1	8.1	6.5	6.5	4.1	4.0	9.2	8.7	6.8	6.7
North Carolina.....	7.9	7.9	6.2	6.3	4.4	4.5	6.9	7.2	6.3	6.3
South Carolina.....	7.5	7.4	6.3	6.3	3.6	3.5	6.2	6.1	5.5	5.4
Virginia.....	7.3	7.5	5.5	5.7	3.9	3.8	5.0	5.1	5.8	5.9
West Virginia.....	6.2	6.2	5.6	5.6	3.8	3.8	9.2	9.3	5.1	5.0
<b>East South Central</b> .....	<b>6.3</b>	<b>6.4</b>	<b>6.1</b>	<b>6.2</b>	<b>3.8</b>	<b>3.8</b>	<b>6.0</b>	<b>6.1</b>	<b>5.0</b>	<b>5.1</b>
Alabama.....	6.8	6.8	6.4	6.6	3.7	3.7	7.5	7.2	5.2	5.3
Kentucky.....	5.5	5.7	5.1	5.2	2.9	2.9	4.6	4.6	4.0	4.1
Mississippi.....	6.5	7.0	6.1	6.7	4.0	4.2	7.5	8.7	5.4	5.8
Tennessee.....	6.3	6.3	6.5	6.4	4.6	4.6	8.4	8.4	5.5	5.5
<b>West South Central</b> .....	<b>7.0</b>	<b>7.2</b>	<b>6.3</b>	<b>6.5</b>	<b>3.9</b>	<b>4.0</b>	<b>6.1</b>	<b>6.2</b>	<b>5.7</b>	<b>5.8</b>
Arkansas.....	7.1	7.2	5.6	5.7	3.8	3.9	6.4	6.5	5.4	5.5
Louisiana.....	6.8	7.0	6.3	6.6	4.0	4.1	5.8	6.1	5.5	5.6
Oklahoma.....	6.4	6.4	5.3	5.3	3.5	3.5	4.5	4.6	5.1	5.1
Texas.....	7.2	7.4	6.6	6.7	4.0	4.0	6.5	6.5	5.9	5.9
<b>Mountain</b> .....	<b>7.3</b>	<b>7.4</b>	<b>6.2</b>	<b>6.4</b>	<b>4.1</b>	<b>4.0</b>	<b>5.2</b>	<b>5.4</b>	<b>5.9</b>	<b>5.8</b>
Arizona.....	8.3	8.4	7.2	7.6	5.3	4.9	4.5	4.8	7.0	7.1
Colorado.....	7.4	7.5	5.6	5.7	4.4	4.4	7.9	8.6	6.0	6.0
Idaho.....	5.3	5.1	4.4	4.3	2.7	2.6	4.9	4.9	4.0	3.9
Montana.....	6.8	6.6	6.2	6.1	4.8	3.5	8.8	7.7	6.1	5.1
Nevada.....	7.2	7.1	6.8	6.6	4.5	4.3	4.0	3.8	5.8	5.6
New Mexico.....	8.8	9.0	8.0	8.0	4.4	4.5	5.7	5.9	6.8	6.8
Utah.....	6.3	6.9	5.4	5.7	3.4	3.5	4.2	4.4	4.9	5.2
Wyoming.....	6.3	6.3	5.4	5.3	3.3	3.4	3.6	3.6	4.3	4.3
<b>Pacific Contiguous</b> .....	<b>8.1</b>	<b>8.2</b>	<b>7.4</b>	<b>7.8</b>	<b>4.4</b>	<b>4.4</b>	<b>5.7</b>	<b>5.5</b>	<b>6.8</b>	<b>6.9</b>
California.....	10.4	10.4	8.6	9.1	5.7	6.0	7.6	7.3	8.4	8.6
Oregon.....	5.8	5.9	5.0	5.1	3.2	3.0	5.3	5.1	4.8	4.7
Washington.....	5.0	5.0	4.9	4.8	2.5	2.5	3.6	3.5	4.1	4.0
<b>Pacific Noncontiguous</b> .....	<b>12.4</b>	<b>13.0</b>	<b>10.7</b>	<b>11.1</b>	<b>8.8</b>	<b>9.2</b>	<b>14.4</b>	<b>14.3</b>	<b>10.7</b>	<b>11.1</b>
Alaska.....	11.1	11.6	9.1	9.4	7.4	7.4	15.2	15.0	9.7	10.0
Hawaii.....	13.4	14.0	12.2	12.6	9.1	9.6	12.0	12.4	11.3	11.8
<b>U.S. Average</b> .....	<b>8.02</b>	<b>8.19</b>	<b>7.12</b>	<b>7.38</b>	<b>4.31</b>	<b>4.42</b>	<b>6.72</b>	<b>6.82</b>	<b>6.49</b>	<b>6.65</b>

<sup>1</sup> 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 and Fuel Consumption

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999**

Company (Holding Company)  Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Alabama Elec Coop Inc.....</b>	<b>265,886</b>	<b>-9</b>	<b>51,351</b>	<b>1,845</b>	<b>—</b>	<b>—</b>	<b>118</b>	<b>—</b>	<b>514</b>
Gantt (AL).....	—	—	—	610	—	—	—	—	—
Lowman (AL).....	265,886	—	—	—	—	—	118	—	—
McIntosh-CAES (AL).....	—	—	9,888	—	—	—	—	—	105
McWilliams (AL).....	—	—	41,463	—	—	—	—	—	409
Point A (AL).....	—	—	—	1,235	—	—	—	—	—
Portland (FL).....	—	-9	—	—	—	—	—	—	—
<b>Alabama Power Co.....</b>	<b>4,213,232</b>	<b>2,948</b>	<b>63,496</b>	<b>274,102</b>	<b>1,125,787</b>	<b>—</b>	<b>1,935</b>	<b>5</b>	<b>667</b>
Bankhead Dam (AL).....	—	—	—	11,856	—	—	—	—	—
Barry (AL).....	897,593	54	3,205	—	—	—	369	*	30
Chickasaw (AL).....	—	—	—	—	—	—	—	—	—
Farley (AL).....	—	—	—	—	1,125,787	—	—	—	—
Gadsden New (AL).....	25,682	—	5,405	—	—	—	15	—	78
Gaston, E C (AL).....	1,039,007	697	—	—	—	—	404	1	—
Gorgas (AL).....	812,252	728	—	—	—	—	332	1	—
Greene County (AL).....	306,943	1,469	46,512	—	—	—	128	3	463
H Neely Henry Dam (AL).....	—	—	—	16,615	—	—	—	—	—
Harris (AL).....	—	—	—	7,101	—	—	—	—	—
Holt Dam (AL).....	—	—	—	11,286	—	—	—	—	—
Jordan (AL).....	—	—	—	30,125	—	—	—	—	—
Lay Dam (AL).....	—	—	—	42,911	—	—	—	—	—
Lewis Smith Dam (AL).....	—	—	—	18,375	—	—	—	—	—
Logan Martin Dam (AL).....	—	—	—	30,511	—	—	—	—	—
Martin Dam (AL).....	—	—	—	6,995	—	—	—	—	—
Miller (AL).....	1,131,755	—	8,374	—	—	—	687	—	96
Mitchell Dam (AL).....	—	—	—	34,248	—	—	—	—	—
Thurlow Dam (AL).....	—	—	—	5,964	—	—	—	—	—
Walter Bouldin Dam (AL).....	—	—	—	35,454	—	—	—	—	—
Weiss Dam (AL).....	—	—	—	18,800	—	—	—	—	—
Yates Dam (AL).....	—	—	—	3,861	—	—	—	—	—
<b>Alaska Elec Lgt &amp; Pwr Co.....</b>	<b>—</b>	<b>564</b>	<b>—</b>	<b>4,303</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>
Annex Creek (AK).....	—	—	—	2,064	—	—	—	—	—
Auke Bay (AK).....	—	144	—	—	—	—	—	*	—
Gold Creek (AK).....	—	—	—	699	—	—	—	—	—
Lemon Creek (AK).....	—	420	—	—	—	—	—	1	—
Salmon Creek (AK).....	—	—	—	—	—	—	—	—	—
Salmon Creek 2 (AK).....	—	—	—	1,540	—	—	—	—	—
<b>Alaska Power Admn.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Eklutna (AK).....	—	—	—	—	—	—	—	—	—
Snettisham (AK).....	—	—	—	—	—	—	—	—	—
<b>Alexandria (City of).....</b>	<b>—</b>	<b>—</b>	<b>24,404</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>274</b>
D G Hunter (LA).....	—	—	24,404	—	—	—	—	—	274
<b>Amer Mun Power-Ohio Inc.....</b>	<b>74,306</b>	<b>—</b>	<b>237</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>49</b>	<b>—</b>	<b>4</b>

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Amer Mun Power-Ohio Inc</b>									
Richard Gorsuch (OH).....	74,306	—	237	—	—	—	49	—	4
<b>Ames (City of).....</b>	<b>19,115</b>	<b>400</b>	—	—	—	—	<b>9</b>	<b>1</b>	—
Ames (IA).....	19,115	400	—	—	—	—	9	1	—
Ames Gt (IA).....	—	—	—	—	—	—	—	—	—
<b>Anchorage (City of).....</b>	—	<b>66</b>	<b>61,517</b>	—	—	—	—	*	<b>613</b>
Anchorage (AK).....	—	52	945	—	—	—	—	*	17
GMS 2 (AK).....	—	14	60,572	—	—	—	—	*	596
<b>Appalachian Power Co.....</b>	<b>2,443,637</b>	<b>6,805</b>	—	<b>41,291</b>	—	—	<b>951</b>	<b>11</b>	—
Amos, John E (WV).....	1,095,150	4,076	—	—	—	—	438	7	—
Buck (VA).....	—	—	—	3,914	—	—	—	—	—
Byllesby 2 (VA).....	—	—	—	5,098	—	—	—	—	—
Claytor (VA).....	—	—	—	10,485	—	—	—	—	—
Clinch River (VA).....	298,439	640	—	—	—	—	114	1	—
Glen Lyn (VA).....	178,910	338	—	—	—	—	61	*	—
Kanawha River (WV).....	104,964	426	—	—	—	—	47	1	—
Leesville (VA).....	—	—	—	4,057	—	—	—	—	—
London (WV).....	—	—	—	7,788	—	—	—	—	—
Marmet (WV).....	—	—	—	7,313	—	—	—	—	—
Mountaineer (WV).....	766,174	1,325	—	—	—	—	291	2	—
Niagara (VA).....	—	—	—	535	—	—	—	—	—
Reusens (VA).....	—	—	—	2,496	—	—	—	—	—
Smith Mountain (VA).....	—	—	—	-11,213	—	—	—	—	—
Winfield (WV).....	—	—	—	10,818	—	—	—	—	—
<b>Arizona Elec Pwr Coop Inc.....</b>	<b>207,548</b>	—	<b>16,663</b>	—	—	—	<b>110</b>	—	<b>171</b>
Apache Station (AZ).....	207,548	—	16,663	—	—	—	110	—	171
<b>Arizona Public Service Co.....</b>	<b>1,500,061</b>	<b>751</b>	<b>184,027</b>	<b>2,780</b>	<b>2,700,366</b>	—	<b>841</b>	<b>1</b>	<b>2,134</b>
Childs (AZ).....	—	—	—	1,699	—	—	—	—	—
Cholla (AZ).....	446,515	723	72	—	—	—	241	1	1
Fairview (AZ).....	—	23	—	—	—	—	—	*	—
Four Corners (NM).....	1,053,546	—	3,584	—	—	—	601	—	37
Irving (AZ).....	—	—	—	1,081	—	—	—	—	—
Ocotillo (AZ).....	—	—	44,734	—	—	—	—	—	545
Palo Verde (AZ).....	—	—	—	—	2,700,366	—	—	—	—
Phoenix (AZ).....	—	—	64,344	—	—	—	—	—	701
Saguaro (AZ).....	—	—	38,495	—	—	—	—	—	476
Yucca (AZ).....	—	5	32,798	—	—	—	—	*	374
<b>Arkansas Elec Coop Corp.....</b>	—	—	<b>65,743</b>	—	—	—	—	—	<b>752</b>
Bailey (AR).....	—	—	13,857	—	—	—	—	—	162
Clyde Ellis (AR).....	—	—	—	—	—	—	—	—	—
Dam 9 (AR).....	—	—	—	—	—	—	—	—	—
Fitzhugh (AR).....	—	—	17,794	—	—	—	—	—	206
Mc Clellan (AR).....	—	—	34,092	—	—	—	—	—	384
<b>Arkansas Power &amp; Light Co.....</b>	<b>1,887,554</b>	<b>3,755</b>	<b>261,488</b>	<b>13,857</b>	<b>1,294,929</b>	—	<b>1,159</b>	<b>7</b>	<b>3,160</b>
Arkansas Nuclear One(AR).....	—	—	—	—	1,294,929	—	—	—	—
Blytheville (AR).....	—	693	—	—	—	—	—	2	—
Carpenter (AR).....	—	—	—	9,424	—	—	—	—	—
Couch, Harvey (AR).....	—	—	24,697	—	—	—	—	—	562
Independence (AR).....	1,094,645	22	—	—	—	—	671	*	—
L Catherine (AR).....	—	—	136,119	—	—	—	—	—	1,407
Lynch, Cecil (AR).....	—	—	—	—	—	—	—	—	—
Mablevale (AR).....	—	—	333	—	—	—	—	—	5
Moses, Ham (AR).....	—	—	—	—	—	—	—	—	—
Remmel (AR).....	—	—	—	4,433	—	—	—	—	—
Ritchie, R E (AR).....	—	—	100,339	—	—	—	—	—	1,186
White Bluff (AR).....	792,909	3,040	—	—	—	—	487	5	—
<b>Associated Elec Coop.....</b>	<b>1,377,120</b>	<b>757</b>	—	—	—	—	<b>795</b>	<b>1</b>	—
Essex (MO).....	—	—	—	—	—	—	—	—	—
Nadaway (MO).....	—	—	—	—	—	—	—	—	—
New Madrid (MO).....	708,771	603	—	—	—	—	406	1	—
St Francis (MO).....	—	—	—	—	—	—	—	—	—
Thomas Hill (MO).....	668,349	147	—	—	—	—	389	*	—
Unionville (MO).....	—	7	—	—	—	—	—	*	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Atlantic City Elec Co</b> .....	<b>87,549</b>	<b>23,302</b>	<b>14,712</b>	—	—	—	<b>32</b>	<b>45</b>	<b>188</b>
Carlls Corner (NJ).....	—	-32	—	—	—	—	—	*	—
Cedar (NJ).....	—	68	—	—	—	—	—	*	—
Cumberland St (NJ).....	—	—	5,707	—	—	—	—	—	71
Deepwater (NJ).....	11,166	63	1,350	—	—	—	2	*	14
England, B L (NJ).....	76,383	23,156	—	—	—	—	30	44	—
Mantu Depot (NJ).....	—	—	—	—	—	—	—	—	—
Mantu Depot (NJ).....	—	—	—	—	—	—	—	—	—
Mickleton Street (NJ).....	—	—	911	—	—	—	—	—	14
Middle (NJ).....	—	72	—	—	—	—	—	*	—
Missouri Avenue (NJ).....	—	-25	—	—	—	—	—	—	—
Sherman Avenue (NJ).....	—	—	6,744	—	—	—	—	—	88
<b>Austin (City of)</b> .....	—	—	<b>192,007</b>	—	—	<b>7</b>	—	—	<b>2,139</b>
Decker Creek (TX).....	—	—	130,769	—	—	7	—	—	1,450
Holly Street (TX).....	—	—	61,238	—	—	—	—	—	689
<b>Avista Corporation</b> .....	—	—	<b>7,113</b>	<b>555,122</b>	—	<b>27,681</b>	—	—	<b>44</b>
Cabinet Gorge (ID).....	—	—	—	154,896	—	—	—	—	—
Kettle Fls (WA).....	—	—	—	—	—	27,681	—	—	—
Little Falls (WA).....	—	—	—	24,479	—	—	—	—	—
Long Lake (WA).....	—	—	—	58,919	—	—	—	—	—
Meyers Falls (WA).....	—	—	—	—	—	—	—	—	—
Monroe Street (WA).....	—	—	—	10,881	—	—	—	—	—
Nine Mile (WA).....	—	—	—	16,318	—	—	—	—	—
Northeast (WA).....	—	—	51	—	—	—	—	—	1
Noxon Rapids (MT).....	—	—	—	273,285	—	—	—	—	—
Post Falls (ID).....	—	—	—	9,838	—	—	—	—	—
Rathdrum (WA).....	—	—	7,062	—	—	—	—	—	44
Upper Falls (WA).....	—	—	—	6,506	—	—	—	—	—
<b>Baltimore Gas &amp; Elec Co</b> .....	<b>1,353,866</b>	<b>189,795</b>	<b>6,315</b>	—	<b>920,949</b>	—	<b>513</b>	<b>311</b>	<b>65</b>
Brandon (MD).....	884,658	1,581	—	—	—	—	347	3	—
Calvert Cliffs (MD).....	—	—	—	—	920,949	—	—	—	—
Crane, C P (MD).....	221,330	31	—	—	—	—	66	*	—
Gould Street (MD).....	—	—	—	—	—	—	—	—	—
Notch Cliff (MD).....	—	—	80	—	—	—	—	—	1
Perryman (MD).....	—	8	558	—	—	—	—	*	7
Philadelphia Road (MD).....	—	—	—	—	—	—	—	—	—
Riverside (MD).....	—	—	—	—	—	—	—	—	—
Wagner, H A (MD).....	247,878	188,175	5,677	—	—	—	99	308	56
Westport (MD).....	—	—	—	—	—	—	—	—	—
<b>Basin Elec Power Coop</b> .....	<b>1,357,338</b>	<b>1,952</b>	—	—	—	—	<b>1,052</b>	<b>4</b>	—
Antelope Valley (ND).....	301,541	—	—	—	—	—	260	—	—
Laramie River (WY).....	662,374	1,485	—	—	—	—	459	3	—
Leland Olds (ND).....	393,423	467	—	—	—	—	333	1	—
Sprit Mound (SD).....	—	—	—	—	—	—	—	—	—
<b>Black Hills Pwr and Lt Co</b> .....	<b>83,825</b>	<b>334</b>	<b>1,627</b>	—	—	—	<b>69</b>	<b>1</b>	<b>24</b>
French, Ben (SD).....	13,582	95	1,627	—	—	—	11	*	24
Neil Simpson 2 (WY).....	34,373	187	—	—	—	—	24	*	—
Osage (WY).....	22,289	—	—	—	—	—	23	—	—
Simpson, Neil (WY).....	13,581	52	—	—	—	—	11	*	—
<b>Boston Edison Co</b> .....	—	—	—	—	<b>84,882</b>	—	—	—	—
Pilgrim (MA).....	—	—	—	—	84,882	—	—	—	—
<b>Braintree (City of)</b> .....	—	<b>7</b>	<b>4,311</b>	—	—	—	—	*	<b>52</b>
Potter Station (MA).....	—	7	4,311	—	—	—	—	*	52
<b>Brazos Elec Pwr Coop Inc</b> .....	—	—	<b>88,962</b>	—	—	—	—	—	<b>945</b>
Miller, R W (TX).....	—	—	87,931	—	—	—	—	—	926
North Texas (TX).....	—	—	1,031	—	—	—	—	—	20
<b>Brownsville (City of)</b> .....	—	—	<b>21,704</b>	—	—	—	—	—	<b>311</b>
Si Ray (TX).....	—	—	21,704	—	—	—	—	—	311
<b>Bryan (City of)</b> .....	—	—	<b>31,391</b>	—	—	—	—	—	<b>371</b>
Bryan (TX).....	—	—	13,602	—	—	—	—	—	170
Dansby (TX).....	—	—	17,789	—	—	—	—	—	201

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Burbank (City of)</b> .....	—	-19	-307	—	—	—	—	—	3
Magnolia (CA).....	—	-19	—	—	—	—	—	—	*
Olive (CA).....	—	—	-307	—	—	—	—	—	3
<b>Burlington (City of)</b> .....	—	247	—	—	—	33,059	—	1	1
Burlington (VT).....	—	247	—	—	—	—	—	1	—
J C McNeil (VT).....	—	—	—	—	—	33,059	—	*	1
<b>Cajun Elec Power Coop Inc</b> .....	<b>954,924</b>	<b>1,241</b>	<b>108,242</b>	—	—	—	<b>604</b>	<b>2</b>	<b>1,144</b>
Big Cajun 1 (LA).....	—	—	108,242	—	—	—	—	—	1,144
Big Cajun 2 (LA).....	954,924	1,241	—	—	—	—	604	2	—
<b>California (State of)</b> .....	—	—	—	<b>375,983</b>	—	—	—	—	—
Alamo (CA).....	—	—	—	4,756	—	—	—	—	—
Bottle Rock (CA).....	—	—	—	—	—	—	—	—	—
Devil Canyon (CA).....	—	—	—	43,986	—	—	—	—	—
Edw Hyatt (CA).....	—	—	—	186,618	—	—	—	—	—
Mojave Siphon (CA).....	—	—	—	2,674	—	—	—	—	—
Thermal Div (CA).....	—	—	—	1,831	—	—	—	—	—
Thermalito (CA).....	—	—	—	23,963	—	—	—	—	—
W E Warne (CA).....	—	—	—	10,223	—	—	—	—	—
William R Gianelli (CA).....	—	—	—	101,932	—	—	—	—	—
<b>Cardinal Operating Co</b> .....	<b>851,349</b>	<b>5,357</b>	—	—	—	—	<b>339</b>	<b>9</b>	—
Cardinal (OH).....	851,349	5,357	—	—	—	—	339	9	—
<b>Carolina Power &amp; Light Co</b> .....	<b>2,464,006</b>	<b>6,999</b>	<b>1,235</b>	<b>59,725</b>	<b>1,919,719</b>	—	<b>972</b>	<b>13</b>	<b>28</b>
Asheville (NC).....	237,274	373	—	—	—	—	82	1	—
Blewett (NC).....	—	291	—	10,802	—	—	—	1	—
Brunswick (NC).....	—	—	—	—	740,958	—	—	—	—
Cape Fear (NC).....	139,557	91	—	—	—	—	64	*	—
Darlington County (SC).....	—	150	1,323	—	—	—	—	*	28
Harris (NC).....	—	—	—	—	643,180	—	—	—	—
Lee (NC).....	172,438	658	—	—	—	—	74	1	—
Marshall (NC).....	—	—	—	2,673	—	—	—	—	—
Mayo (NC).....	189,444	2,250	—	—	—	—	73	4	—
Morehead (NC).....	—	-10	—	—	—	—	—	—	—
Robinson, H B (SC).....	90,201	79	—	—	535,581	—	35	*	—
Roxboro (NC).....	1,302,568	1,984	—	—	—	—	502	3	—
Sutton (NC).....	257,837	963	—	—	—	—	108	2	—
Tillery (NC).....	—	—	—	13,064	—	—	—	—	—
Walters (NC).....	—	—	—	33,186	—	—	—	—	—
Weatherspoon (NC).....	74,687	170	-88	—	—	—	35	*	—
<b>Cedar Falls (City of)</b> .....	<b>518</b>	—	<b>53</b>	—	—	—	*	—	<b>4</b>
Cedar Falls Gt (IA).....	518	—	68	—	—	—	*	—	4
Streeter (IA).....	—	—	-15	—	—	—	—	—	—
<b>Cent NE Pub Pwr &amp; Ir Dist</b> .....	—	—	—	<b>38,897</b>	—	—	—	—	—
Jeffrey Canyon (NE).....	—	—	—	11,820	—	—	—	—	—
Johnson No 1 (NE).....	—	—	—	9,196	—	—	—	—	—
Johnson No 2 (NE).....	—	—	—	11,920	—	—	—	—	—
Kingsley (NE).....	—	—	—	5,961	—	—	—	—	—
<b>Central Elec Pwr Coop</b> .....	<b>39,198</b>	<b>1</b>	—	—	—	—	<b>19</b>	<b>*</b>	—
Chamois (MO).....	39,198	1	—	—	—	—	19	*	—
<b>Central Hudson Gas &amp; Elec</b> .....	<b>44,997</b>	<b>347,603</b>	<b>95,404</b>	<b>4,007</b>	—	—	<b>20</b>	<b>564</b>	<b>964</b>
Coxsackie (NY).....	—	—	31	—	—	—	—	—	*
Danskammer (NY).....	44,997	25	40,367	—	—	—	20	*	344
Dashville (NY).....	—	—	—	971	—	—	—	—	—
High Falls (NY).....	—	—	—	297	—	—	—	—	—
Neversink (NY).....	—	—	—	—	—	—	—	—	—
Roseton (NY).....	—	347,541	55,006	—	—	—	—	564	620
South Cairo (NY).....	—	37	—	—	—	—	—	*	—
Sturgeon Pool (NY).....	—	—	—	2,739	—	—	—	—	—
<b>Central Ill Public Ser Co</b> .....	<b>1,023,891</b>	<b>3,585</b>	—	—	—	<b>9,530</b>	<b>576</b>	<b>7</b>	—
Coffeen (IL).....	346,161	171	—	—	—	9,530	175	*	—
Grand Tower (IL).....	48,478	254	—	—	—	—	26	1	—

See footnotes at end of table.



**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Central Ill Public Ser Co</b>									
Hutsonville (IL) .....	38,539	349	—	—	—	—	19	1	—
Meredosia (IL) .....	88,682	85	—	—	—	—	48	*	—
Newton (IL) .....	502,031	2,726	—	—	—	—	308	5	—
<b>Central Iowa Power Coop.....</b>	<b>27,419</b>	<b>45</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>14</b>	<b>*</b>	<b>—</b>
Fair Station (IA).....	27,419	—	—	—	—	—	14	—	—
Summit Lake (IA).....	—	45	—	—	—	—	—	*	—
<b>Central Illinois Light Co.....</b>	<b>488,610</b>	<b>586</b>	<b>533</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>227</b>	<b>1</b>	<b>3</b>
Duck Creek (IL).....	209,018	26	—	—	—	—	99	*	—
E D Edwards (IL).....	279,592	560	—	—	—	—	128	1	—
Pekin Cogen (IL).....	—	—	481	—	—	—	—	—	2
Sterling Avenue (IL).....	—	—	52	—	—	—	—	—	1
<b>Central Louisiana Elec Co.....</b>	<b>244,460</b>	<b>—</b>	<b>368,720</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>149</b>	<b>—</b>	<b>4,013</b>
Coughlin (LA).....	—	—	63,841	—	—	—	—	—	722
Dolet Hills (LA).....	2	—	18	—	—	—	*	—	9
Franklin (LA).....	—	—	—	—	—	—	—	—	—
Rodemacher (LA).....	244,458	—	161,664	—	—	—	149	—	1,734
Teche (LA).....	—	—	143,197	—	—	—	—	—	1,547
<b>Central Maine Power Co .....</b>	<b>—</b>	<b>-25</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Andro Lower (ME).....	—	—	—	—	—	—	—	—	—
Androscoggin 3 (ME).....	—	—	—	—	—	—	—	—	—
Bar Mills (ME) .....	—	—	—	—	—	—	—	—	—
Bates Lower (ME).....	—	—	—	—	—	—	—	—	—
Bates Upper (ME).....	—	—	—	—	—	—	—	—	—
Bonny Eagle (ME).....	—	—	—	—	—	—	—	—	—
Brunswick (ME).....	—	—	—	—	—	—	—	—	—
C. E. Monty (ME) .....	—	—	—	—	—	—	—	—	—
Cape (ME).....	—	-25	—	—	—	—	—	—	—
Cataract (ME).....	—	—	—	—	—	—	—	—	—
Continental Mills (ME) .....	—	—	—	—	—	—	—	—	—
Deer Rips (ME).....	—	—	—	—	—	—	—	—	—
Fort Halifax (ME).....	—	—	—	—	—	—	—	—	—
Gulf Island (ME) .....	—	—	—	—	—	—	—	—	—
Harris (ME).....	—	—	—	—	—	—	—	—	—
Hill Mill (ME) .....	—	—	—	—	—	—	—	—	—
Hiram (ME).....	—	—	—	—	—	—	—	—	—
Islesboro (ME) .....	—	—	—	—	—	—	—	—	—
Mason (ME).....	—	—	—	—	—	—	—	—	—
North Gorham (ME).....	—	—	—	—	—	—	—	—	—
Oakland (ME) .....	—	—	—	—	—	—	—	—	—
Peaks Island (ME) .....	—	—	—	—	—	—	—	—	—
Rice Rips (ME).....	—	—	—	—	—	—	—	—	—
Shawmut (ME).....	—	—	—	—	—	—	—	—	—
Skelton (ME).....	—	—	—	—	—	—	—	—	—
Smelt Hill (AK).....	—	—	—	—	—	—	—	—	—
Union Gas (ME).....	—	—	—	—	—	—	—	—	—
West Buxton (ME).....	—	—	—	—	—	—	—	—	—
West Channel (MA).....	—	—	—	—	—	—	—	—	—
Weston (ME).....	—	—	—	—	—	—	—	—	—
Williams (ME) .....	—	—	—	—	—	—	—	—	—
Wyman Hydro (ME).....	—	—	—	—	—	—	—	—	—
Wyman, W F (ME).....	—	—	—	—	—	—	—	—	—
<b>Central Operating Co.....</b>	<b>459,137</b>	<b>2,472</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>176</b>	<b>4</b>	<b>—</b>
Sporn, Phil (WV).....	459,137	2,472	—	—	—	—	176	4	—
<b>Central Power &amp; Light Co.....</b>	<b>387,165</b>	<b>486</b>	<b>1,189,104</b>	<b>4,994</b>	<b>—</b>	<b>—</b>	<b>197</b>	<b>1</b>	<b>12,387</b>
Bates, J L (TX).....	—	—	80,783	—	—	—	—	—	875
Coletto Creek (TX).....	387,165	485	—	—	—	—	197	1	—
Davis, Barney M (TX) .....	—	1	328,894	—	—	—	—	*	3,257
Eagle Pass (TX).....	—	—	—	4,994	—	—	—	—	—
Hill, Lon C (TX).....	—	—	153,410	—	—	—	—	—	1,745
Joslin, E S (TX).....	—	—	73,133	—	—	—	—	—	731
La Palma (TX).....	—	—	96,222	—	—	—	—	—	1,040
Laredo (TX) .....	—	—	74,697	—	—	—	—	—	831
Nueces Bay (TX).....	—	—	276,079	—	—	—	—	—	2,723
Victoria (TX) .....	—	—	105,886	—	—	—	—	—	1,184

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Chelan Pub Util Dist #1</b> .....	—	—	—	<b>915,131</b>	—	—	—	—	—
Chelan (WA).....	—	—	—	38,481	—	—	—	—	—
Rock Island (WA).....	—	—	—	248,488	—	—	—	—	—
Rocky Reach (WA).....	—	—	—	628,162	—	—	—	—	—
<b>Chillicothe (City of)</b> .....	—	—	<b>47</b>	—	—	—	—	—	<b>1</b>
Chillicothe (MO).....	—	—	47	—	—	—	—	—	1
<b>Chugach Elec Assn Inc</b> .....	—	—	<b>153,799</b>	<b>23,172</b>	—	—	—	—	<b>1,640</b>
Beluga (AK).....	—	—	140,002	—	—	—	—	—	1,424
Bernice Lake (AK).....	—	—	12,162	—	—	—	—	—	186
Bradley Lake (AK).....	—	—	—	20,411	—	—	—	—	—
Cooper Lake (AK).....	—	—	—	2,761	—	—	—	—	—
International (AK).....	—	—	-336	—	—	—	—	—	1
Soldotna (AK).....	—	—	1,971	—	—	—	—	—	29
<b>Cincinnati Gas Elec Co</b> .....	<b>2,251,168</b>	<b>10,227</b>	<b>10,093</b>	—	—	—	<b>952</b>	<b>19</b>	<b>189</b>
Beckjord, Walter C (OH).....	525,758	2,997	—	—	—	—	232	6	—
Dicks Creek (OH).....	—	—	-103	—	—	—	—	—	2
East Bend (KY).....	408,667	215	—	—	—	—	171	*	—
Miami Fort (OH).....	487,981	4,272	—	—	—	—	220	8	—
W. H. Zimmer ( ).....	828,762	2,443	—	—	—	—	329	4	—
Woodsdale (OH).....	—	300	10,196	—	—	—	—	1	187
<b>Citizens Utilities Co</b> .....	—	—	—	—	—	—	—	—	—
Valencia (AZ).....	—	—	—	—	—	—	—	—	—
<b>Clarksdale (City of)</b> .....	—	—	<b>1,477</b>	—	—	—	—	—	<b>17</b>
South (MS).....	—	—	1,477	—	—	—	—	—	17
Third St (MS).....	—	—	—	—	—	—	—	—	—
<b>Cleveland (City of)</b> .....	—	<b>36</b>	<b>159</b>	—	—	—	—	*	<b>4</b>
Collinwood (OH).....	—	16	30	—	—	—	—	*	1
Lake Road (OH).....	—	—	—	—	—	—	—	—	—
West 41st Street (OH).....	—	20	129	—	—	—	—	*	3
<b>Cleveland Elec Illum Co</b> .....	<b>1,003,061</b>	<b>1,896</b>	—	—	<b>750,445</b>	—	<b>401</b>	<b>4</b>	—
Ashtabula (OH).....	64,313	346	—	—	—	—	28	*	—
Avon Lake (OH).....	357,134	120	—	—	—	—	147	*	—
Eastlake (OH).....	552,995	1,364	—	—	—	—	213	3	—
Lake Shore (OH).....	28,619	66	—	—	—	—	12	*	—
Perry (OH).....	—	—	—	—	750,445	—	—	—	—
<b>Coffeyville (City of)</b> .....	—	—	<b>6,398</b>	—	—	—	—	—	<b>85</b>
Coffeyville (KS).....	—	—	6,398	—	—	—	—	—	85
<b>Colorado Springs(City of)</b> .....	<b>117,099</b>	—	<b>21,298</b>	<b>7,146</b>	—	—	<b>65</b>	—	<b>283</b>
Drake, Martin (CO).....	118,671	—	17,695	—	—	—	65	—	212
George Birdsall (CO).....	—	—	3,603	—	—	—	—	—	70
Manitou (CO).....	—	—	—	2,446	—	—	—	—	—
Ray D. Nixon (CO).....	-1,572	—	—	—	—	—	—	—	—
Ruxton (CO).....	—	—	—	—	—	—	—	—	—
Tesla (CO).....	—	—	—	4,700	—	—	—	—	—
<b>Columbia (City of)</b> .....	<b>-224</b>	—	—	—	—	—	—	—	—
Columbia (MO).....	-224	—	—	—	—	—	—	—	—
<b>Columbus Southern Pwr Co</b> .....	<b>918,697</b>	<b>976</b>	—	—	—	—	<b>401</b>	<b>2</b>	—
Conesville (OH).....	890,097	907	—	—	—	—	386	2	—
Picway (OH).....	28,600	69	—	—	—	—	15	*	—
<b>Commonwealth Edison Co</b> .....	<b>1,911,821</b>	<b>10,652</b>	<b>172,650</b>	—	<b>6,504,566</b>	—	<b>1,186</b>	<b>19</b>	<b>2,382</b>
Bloom (IL).....	—	—	—	—	—	—	—	—	—
Braidwood (IL).....	—	—	—	—	1,128,880	—	—	—	—
Byron (IL).....	—	—	—	—	1,545,223	—	—	—	—
Calumet (IL).....	—	—	245	—	—	—	—	—	7
Collins (IL).....	—	—	155,381	—	—	—	—	—	2,184
Crawford (IL).....	80,519	—	2,200	—	—	—	53	—	25
Dresden (IL).....	—	—	—	—	1,144,772	—	—	—	—
Electric Junction (IL).....	—	—	497	—	—	—	—	—	12

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Commonwealth Edison Co</b>									
Fisk Street (IL).....	89,434	89	495	—	—	—	51	*	5
Joliet (IL).....	137,866	17	623	—	—	—	77	*	10
Joliet 29 (IL).....	480,972	—	8,742	—	—	—	282	—	86
Lasalle (IL).....	—	—	—	—	1,577,149	—	—	—	—
Lombard (IL).....	—	—	156	—	—	—	—	—	6
Powerton (IL).....	672,408	—	2,018	—	—	—	447	—	23
Quad-cities (IL).....	—	—	—	—	1,108,542	—	—	—	—
Sabrooke (IL).....	—	6	—	—	—	—	—	*	—
Waukegan (IL).....	294,037	4,399	2,293	—	—	—	187	9	25
Will County (IL).....	156,585	6,141	—	—	—	—	89	10	—
<b>Connecticut Lgt &amp; Pwr Co.....</b>	<b>—</b>	<b>398,300</b>	<b>104,728</b>	<b>30,869</b>	<b>—</b>	<b>41,702</b>	<b>—</b>	<b>679</b>	<b>1,316</b>
Bantam (CT).....	—	—	—	85	—	—	—	—	—
Branford (CT).....	—	-58	—	—	—	—	—	—	—
Bulls Bridge (CT).....	—	—	—	4,277	—	—	—	—	—
Cos Cob (CT).....	—	-16	—	—	—	—	—	*	—
Devon (CT).....	—	59,271	62,442	—	—	—	—	108	958
Falls Village (CT).....	—	—	—	4,060	—	—	—	—	—
Franklin (CT).....	—	-8	—	—	—	—	—	—	—
Middletown (CT).....	—	93,301	38,324	—	—	—	—	143	313
Montville (CT).....	—	164,156	3,962	—	—	—	—	290	44
Norwalk Harbor (CT).....	—	81,535	—	—	—	—	—	137	—
Robertsville (CT).....	—	—	—	115	—	—	—	—	—
Rocky River (CT).....	—	—	—	-35	—	—	—	—	—
Scotland (CT).....	—	—	—	382	—	—	—	—	—
Shepaug (CT).....	—	—	—	11,861	—	—	—	—	—
South Meadow (CT).....	—	136	—	—	—	41,702	—	*	—
Stevenson (CT).....	—	—	—	8,922	—	—	—	—	—
Taftville (CT).....	—	—	—	571	—	—	—	—	—
Torrington (CT).....	—	-4	—	—	—	—	—	*	—
Tunnel (CT).....	—	-13	—	631	—	—	—	—	—
<b>Consol Edison Co N Y Inc.....</b>	<b>—</b>	<b>224,072</b>	<b>1,015,839</b>	<b>—</b>	<b>670,317</b>	<b>—</b>	<b>—</b>	<b>462</b>	<b>10,590</b>
Arthur Kill (NY).....	—	—	145,957	—	—	—	—	—	1,465
Astoria (NY).....	—	80,365	411,210	—	—	—	—	133	4,172
Buchanan (NY).....	—	691	—	—	—	—	—	2	—
East River (NY).....	—	32,116	46,164	—	—	—	—	85	582
Gowanus (NY).....	—	25,492	—	—	—	—	—	81	—
Hudson Avenue (NY).....	—	1,368	—	—	—	—	—	6	—
Indian Point (NY).....	—	738	—	—	670,317	—	—	3	—
Narrows (NY).....	—	9,468	17,534	—	—	—	—	32	337
Oil Storage (NY).....	—	—	—	—	—	—	—	—	—
Oil Storage (NY).....	—	—	—	—	—	—	—	—	—
Ravenswood (NY).....	—	73,821	353,781	—	—	—	—	119	3,578
Waterside (NY).....	—	—	41,193	—	—	—	—	—	457
59Th Street (NY).....	—	317	—	—	—	—	—	1	—
74Th Street (NY).....	—	-304	—	—	—	—	—	1	—
<b>Consumers Power Co.....</b>	<b>1,660,325</b>	<b>102,860</b>	<b>89,327</b>	<b>-62,752</b>	<b>351,433</b>	<b>—</b>	<b>741</b>	<b>210</b>	<b>1,107</b>
Alcona (MI).....	—	—	—	1,857	—	—	—	—	—
Allegan Dam (MI).....	—	—	—	1,144	—	—	—	—	—
Campbell, J H (MI).....	852,375	1,440	—	—	—	—	364	2	—
Cobb, B C (MI).....	126,604	9	7,240	—	—	—	64	*	74
Cooke (MI).....	—	—	—	1,865	—	—	—	—	—
Croton (MI).....	—	—	—	2,551	—	—	—	—	—
Five Channels (MI).....	—	—	—	1,723	—	—	—	—	—
Foote (MI).....	—	—	—	2,201	—	—	—	—	—
Gaylord (MI).....	—	—	14	—	—	—	—	—	*
Hardy (MI).....	—	—	—	5,404	—	—	—	—	—
Hodenpyl (MI).....	—	—	—	2,987	—	—	—	—	—
Karn, D E (MI).....	319,148	100,415	80,995	—	—	—	137	205	1,021
Loud (MI).....	—	—	—	1,314	—	—	—	—	—
Ludington (MI).....	—	—	—	-92,383	—	—	—	—	—
Mio (MI).....	—	—	—	1,055	—	—	—	—	—
Morrow, B E (MI).....	—	—	—	—	351,433	—	—	—	—
Palisades (MI).....	—	—	—	—	—	—	—	—	—
Rogers (MI).....	—	—	—	1,850	—	—	—	—	—
Straits (MI).....	—	—	—	—	—	—	—	—	—
Thetford (MI).....	—	—	-49	—	—	—	—	—	*

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Consumers Power Co</b>									
Tippy, C W (MI).....	—	—	—	4,529	—	—	—	—	—
Weadock, J C (MI).....	200,099	—	1,127	—	—	—	98	—	11
Webber (MI).....	—	—	—	1,151	—	—	—	—	—
Whiting, J R (MI).....	162,099	996	—	—	—	—	77	2	—
<b>Cooperative Power Asso.....</b>	<b>652,428</b>	<b>1,296</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>582</b>	<b>2</b>	<b>—</b>
Bonifacius (MN).....	—	—	—	—	—	—	—	—	—
Coal Creek (ND).....	652,428	1,296	—	—	—	—	582	2	—
<b>Corn belt Power Coop.....</b>	<b>204</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>*</b>	<b>—</b>	<b>—</b>
Humboldt (IA).....	-15	—	—	—	—	—	—	—	—
Wisdom, Earl F (IA).....	219	—	—	—	—	—	*	—	—
<b>Dairyland Power Coop.....</b>	<b>372,884</b>	<b>529</b>	<b>—</b>	<b>9,431</b>	<b>—</b>	<b>—</b>	<b>212</b>	<b>1</b>	<b>—</b>
Alma (WI).....	30,578	175	—	—	—	—	18	*	—
Flambeau (WI).....	—	—	—	9,431	—	—	—	—	—
Genoa (WI).....	151,379	254	—	—	—	—	70	*	—
J P Madgett (WI).....	190,927	100	—	—	—	—	123	*	—
<b>Dayton Pwr &amp; Lgt Co (The).....</b>	<b>1,433,236</b>	<b>9,648</b>	<b>10,911</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>611</b>	<b>16</b>	<b>134</b>
Frank M Tait (OH).....	—	5	9,720	—	—	—	—	*	120
Hutchings (OH).....	26,617	—	1,178	—	—	—	12	*	13
Killen Station (OH).....	387,055	1,673	—	—	—	—	163	3	—
Monument (OH).....	—	72	—	—	—	—	—	*	—
Sidney (OH).....	—	91	—	—	—	—	—	*	—
Stuart, J M (OH).....	1,019,564	7,807	—	—	—	—	437	13	—
Yankee Street (OH).....	—	—	13	—	—	—	—	—	*
<b>Delmarva Power &amp; Light Co.....</b>	<b>167,836</b>	<b>137,978</b>	<b>229,131</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>75</b>	<b>238</b>	<b>2,059</b>
Bayview (VA).....	—	640	—	—	—	—	—	1	—
Christiana (DE).....	—	21	—	—	—	—	—	*	—
Crisfield (MD).....	—	582	—	—	—	—	—	1	—
Delaware City (DE).....	—	6	—	—	—	—	—	*	—
Edge Moor (DE).....	10,647	100,484	80,898	—	—	—	8	165	910
Hay Road (DE).....	—	—	148,233	—	—	—	—	—	1,149
Indian River (DE).....	157,189	2,131	—	—	—	—	67	4	—
Madison Street (DE).....	—	—	—	—	—	—	—	—	—
Tasley (VA).....	—	483	—	—	—	—	—	1	—
Vienna (MD).....	—	33,636	—	—	—	—	—	64	—
West Substation (DE).....	—	-5	—	—	—	—	—	*	—
<b>Denton (City of).....</b>	<b>—</b>	<b>—</b>	<b>13,762</b>	<b>1,109</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>174</b>
Lewisdale (TX).....	—	—	—	583	—	—	—	—	—
Roberts (TX).....	—	—	—	526	—	—	—	—	—
Spencer (TX).....	—	—	13,762	—	—	—	—	—	174
<b>Deseret Gen &amp; Trans Coop.....</b>	<b>278,368</b>	<b>50</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>132</b>	<b>*</b>	<b>—</b>
Bonanza (UT).....	278,368	50	—	—	—	—	132	*	—
<b>Detroit (City of).....</b>	<b>—</b>	<b>61</b>	<b>29,811</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>*</b>	<b>349</b>
Mistersky (MI).....	—	61	29,811	—	—	—	—	*	349
<b>Detroit Edison Co (The).....</b>	<b>3,055,653</b>	<b>69,400</b>	<b>152,959</b>	<b>—</b>	<b>702,882</b>	<b>—</b>	<b>1,499</b>	<b>122</b>	<b>3,554</b>
Beacon Heating (MI).....	—	—	2,828	—	—	—	—	—	317
Belle River (MI).....	642,354	1,902	—	—	—	—	355	3	—
Central Storage (MI).....	—	—	—	—	—	—	—	—	—
Colfax (MI).....	—	-4	—	—	—	—	—	*	—
Connors Creek (MI).....	—	-12	—	—	—	—	—	*	—
Dayton (MI).....	—	-35	—	—	—	—	—	*	—
Enrico Fermi (MI).....	—	—	—	—	702,882	—	—	—	—
Greenwood (MI).....	—	59,573	122,385	—	—	—	—	105	1,288
Hancock (MI).....	—	—	32	—	—	—	—	—	1
Harbor Beach (MI).....	2,984	102	—	—	—	—	2	*	—
Marysville (MI).....	20,715	—	1,375	—	—	—	7	—	13
Monroe (MI).....	901,280	5,925	—	—	—	—	410	10	—
Northeast (MI).....	—	-10	—	—	—	—	—	—	—
Oliver (MI).....	—	—	—	—	—	—	—	—	—
Placid (MI).....	—	-25	—	—	—	—	—	*	—
Putnam (MI).....	—	—	—	—	—	—	—	*	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Detroit Edison Co (The)</b>									
River Rouge (MI).....	337,108	-22	20,195	—	—	—	153	—	1,876
Slocum (MI).....	—	-36	—	—	—	—	—	—	—
St. Clair (MI).....	748,856	1,984	6,144	—	—	—	381	3	59
Superior (MI).....	—	-33	—	—	—	—	—	*	—
Trenton Channel (MI).....	402,356	113	—	—	—	—	192	*	—
Wilmott (MI).....	—	-22	—	—	—	—	—	*	—
<b>Douglas Pub Util Dist #1.....</b>	—	—	—	<b>465,363</b>	—	—	—	—	—
Wells (WA).....	—	—	—	465,363	—	—	—	—	—
<b>Dover (City of).....</b>	—	<b>20,921</b>	—	—	—	—	—	<b>33</b>	—
McKee Run (DE).....	—	20,921	—	—	—	—	—	33	—
Van Sant (DE).....	—	—	—	—	—	—	—	—	—
<b>Dover (City of).....</b>	—	—	—	—	—	—	—	—	—
Dover (OH).....	—	—	—	—	—	—	—	—	—
<b>Duke Power Co.....</b>	<b>3,901,137</b>	<b>12,004</b>	<b>2,369</b>	<b>-856</b>	<b>3,516,798</b>	—	<b>1,487</b>	<b>22</b>	<b>38</b>
Allen (NC).....	588,983	1,691	—	—	—	—	235	3	—
Bad Creek (SC).....	—	—	—	-66,179	—	—	—	—	—
Bear Creek (NC).....	—	—	—	2,051	—	—	—	—	—
Belews Creek (NC).....	967,062	5,794	—	—	—	—	359	9	—
Bridgewater (NC).....	—	—	—	2,185	—	—	—	—	—
Bryson (NC).....	—	—	—	446	—	—	—	—	—
Buck (NC).....	187,725	-30	—	—	—	—	82	1	—
Buzzard Roost (SC).....	—	37	—	2,786	—	—	—	*	—
Catawba (NC).....	—	—	—	—	183,313	—	—	—	—
Cedar Cliff (NC).....	—	—	—	1,531	—	—	—	—	—
Cedar Creek (SC).....	—	—	—	5,853	—	—	—	—	—
Cliffside (NC).....	436,246	383	—	—	—	—	160	1	—
Cowans Ford (NC).....	—	—	—	4,529	—	—	—	—	—
Dan River (NC).....	122,238	-31	—	—	—	—	52	1	—
Dearborn (SC).....	—	—	—	5,351	—	—	—	—	—
Dillsboro (NC).....	—	—	—	—	—	—	—	—	—
Fishing Creek (SC).....	—	—	—	6,551	—	—	—	—	—
Franklin (NC).....	—	—	—	491	—	—	—	—	—
Gaston Shoals (SC).....	—	—	—	1,383	—	—	—	—	—
Great Falls (SC).....	—	—	—	48	—	—	—	—	—
Jocassee (SC).....	—	—	—	-29,915	—	—	—	—	—
Keowee (SC).....	—	—	—	1,335	—	—	—	—	—
Lee (SC).....	140,029	974	—	—	—	—	60	2	—
Lincoln (NC).....	—	125	2,369	—	—	—	—	*	38
Lookout Shoals (NC).....	—	—	—	5,918	—	—	—	—	—
Marshall (NC).....	1,258,561	2,565	—	—	—	—	457	4	—
McGuire (NC).....	—	—	—	—	1,711,375	—	—	—	—
Mission (NC).....	—	—	—	—	—	—	—	—	—
Mountain Island (NC).....	—	—	—	2,445	—	—	—	—	—
Nantahala (NC).....	—	—	—	10,688	—	—	—	—	—
Oconee (SC).....	—	—	—	—	1,622,110	—	—	—	—
Oxford (NC).....	—	—	—	6,247	—	—	—	—	—
Queens Creek (NC).....	—	—	—	521	—	—	—	—	—
Rhodhiss (NC).....	—	—	—	3,451	—	—	—	—	—
Riverbend (NC).....	200,293	496	—	—	—	—	81	1	—
Rocky Creek (SC).....	—	—	—	424	—	—	—	—	—
Tennessee Creek (NC).....	—	—	—	2,776	—	—	—	—	—
Thorpe (NC).....	—	—	—	4,736	—	—	—	—	—
Tuckasegee (NC).....	—	—	—	690	—	—	—	—	—
Tuxedo (NC).....	—	—	—	1,198	—	—	—	—	—
Wateree (SC).....	—	—	—	11,212	—	—	—	—	—
Wylie (SC).....	—	—	—	6,578	—	—	—	—	—
99 Islands (SC).....	—	—	—	3,814	—	—	—	—	—
<b>Duquesne Lgt Co.....</b>	<b>307,922</b>	<b>2,200</b>	<b>9,608</b>	—	<b>1,046,916</b>	—	<b>138</b>	<b>6</b>	<b>98</b>
Beaver Valley (PA).....	—	—	—	—	1,046,916	—	—	—	—
Brunot Island (PA).....	—	—	—	—	—	—	—	—	—
Cheswick (PA).....	225,510	—	9,608	—	—	—	91	—	98
Elrama (PA).....	82,412	2,200	—	—	—	—	47	6	—
Phillips, F (PA).....	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>East Kentucky Power Coop</b> .....	<b>702,539</b>	<b>849</b>	<b>3,300</b>	—	—	—	<b>284</b>	<b>2</b>	<b>42</b>
Cooper (KY).....	99,271	302	—	—	—	—	41	1	—
Dale (KY).....	79,551	230	—	—	—	—	38	*	—
Smith (KY).....	—	30	3,300	—	—	—	—	*	42
Spurlock, H L (KY).....	523,717	287	—	—	—	—	206	*	—
<b>El Paso Electric Co</b> .....	—	—	<b>194,437</b>	—	—	—	—	—	<b>2,147</b>
Copper (TX).....	—	—	2,234	—	—	—	—	—	38
Newman (TX).....	—	—	153,794	—	—	—	—	—	1,658
Rio Grande (NM).....	—	—	38,409	—	—	—	—	—	452
<b>Electric Energy Inc</b> .....	<b>620,095</b>	<b>56</b>	<b>9,198</b>	—	—	—	<b>383</b>	<b>*</b>	<b>96</b>
Joppa Steam (IL).....	620,095	56	9,198	—	—	—	383	*	96
<b>Empire District Elec Co</b> .....	<b>108,353</b>	<b>147</b>	<b>23,979</b>	<b>7,728</b>	—	—	<b>77</b>	<b>*</b>	<b>325</b>
Asbury (MO).....	81,815	147	—	—	—	—	51	*	—
Energy Center (MO).....	—	—	-73	—	—	—	—	—	—
Ozark Beach (MO).....	—	—	—	7,728	—	—	—	—	—
Riverton (KS).....	26,538	—	6,640	—	—	—	26	—	123
State Line (MO).....	—	—	17,412	—	—	—	—	—	202
<b>Eugene (City of)</b> .....	—	—	—	<b>49,691</b>	—	—	—	—	—
Carmen (OR).....	—	—	—	33,886	—	—	—	—	—
Leaburg (OR).....	—	—	—	9,088	—	—	—	—	—
Walterville (OR).....	—	—	—	6,717	—	—	—	—	—
Willamette (OR).....	—	—	—	—	—	—	—	—	—
<b>Fayetteville (City of)</b> .....	—	<b>55</b>	<b>6,953</b>	—	—	—	—	<b>*</b>	<b>93</b>
Pod #2 (NC).....	—	55	6,953	—	—	—	—	*	93
<b>Florida Power &amp; Light Co</b> .....	—	<b>1,735,472</b>	<b>1,982,090</b>	—	<b>2,224,287</b>	—	—	<b>2,743</b>	<b>18,256</b>
Cape Canaveral (FL).....	—	140,188	125,864	—	—	—	—	217	1,378
Cutler (FL).....	—	—	61,522	—	—	—	—	—	700
Fort Meyers (FL).....	—	291,239	—	—	—	—	—	424	—
Lauderdale (FL).....	—	63	580,571	—	—	—	—	*	4,207
Manatee (FL).....	—	470,780	—	—	—	—	—	770	—
Martin (FL).....	—	134,912	567,365	—	—	—	—	212	4,938
Port Everglades (FL).....	—	221,513	110,054	—	—	—	—	355	1,485
Putnam (FL).....	—	—	209,036	—	—	—	—	—	2,048
Riviera (FL).....	—	153,571	45,695	—	—	—	—	246	524
Sanford (FL).....	—	225,800	75,486	—	—	—	—	369	941
St. Lucie (FL).....	—	—	—	—	1,227,062	—	—	—	—
Turkey Point (FL).....	—	97,406	206,497	—	997,225	—	—	150	2,035
<b>Florida Power Corporation</b> .....	<b>1,070,025</b>	<b>585,664</b>	<b>434,079</b>	—	<b>563,301</b>	—	<b>416</b>	<b>951</b>	<b>3,588</b>
Anclote (FL).....	—	370,268	7,056	—	—	—	—	571	66
Avon Park (FL).....	—	115	1,645	—	—	—	—	*	27
Bartow Nth (FL).....	—	—	—	—	—	—	—	—	—
Bartow Sth (FL).....	—	—	—	—	—	—	—	—	—
Bartow Sth (FL).....	—	—	—	—	—	—	—	—	—
Bartow, P L (FL).....	—	159,617	10,508	—	—	—	—	260	145
Bayboro (FL).....	—	4,819	—	—	—	—	—	11	—
Crystal River (FL).....	1,070,025	6,706	—	—	563,301	—	416	11	—
Debarry (FL).....	—	5,411	27,680	—	—	—	—	13	305
Higgins (FL).....	—	—	3,573	—	—	—	—	—	65
Hines Energy (FL).....	—	—	193,557	—	—	—	—	—	1,244
Intercession City (FL).....	—	9,708	34,491	—	—	—	—	24	470
Port St. Joe (FL).....	—	—	—	—	—	—	—	—	—
Rio Pinar (FL).....	—	402	—	—	—	—	—	1	—
Suwannee River (FL).....	—	26,532	27,145	—	—	—	—	53	299
Tiger Bay (FL).....	—	—	103,232	—	—	—	—	—	730
Turner, G E (FL).....	—	2,086	—	—	—	—	—	5	—
Univ Proj (FL).....	—	—	25,192	—	—	—	—	—	236
<b>Fort Pierce (City of)</b> .....	—	<b>18</b>	<b>13,758</b>	—	—	—	—	<b>*</b>	<b>173</b>
King (FL).....	—	18	13,758	—	—	—	—	*	173
<b>Fremont (City of)</b> .....	<b>28,621</b>	—	<b>584</b>	—	—	—	<b>19</b>	—	<b>6</b>
Lon Wright (NE).....	28,621	—	584	—	—	—	19	—	6

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Gainesville (City of)</b> .....	<b>68,398</b>	<b>5,917</b>	<b>50,670</b>	—	—	—	<b>30</b>	<b>11</b>	<b>720</b>
Deerhaven (FL).....	68,398	1,399	38,545	—	—	—	30	2	566
Kelly, J R (FL).....	—	4,518	12,125	—	—	—	—	8	155
<b>Garland Mun Utils (City)</b> .....	—	—	<b>97,063</b>	—	—	—	—	—	<b>1,083</b>
Newman, C E (TX).....	—	—	424	—	—	—	—	—	8
Olinger, Ray (TX).....	—	—	96,639	—	—	—	—	—	1,076
<b>Georgia Power Co</b> .....	<b>6,082,759</b>	<b>45,743</b>	<b>96,352</b>	<b>92,614</b>	<b>2,694,412</b>	—	<b>2,591</b>	<b>94</b>	<b>924</b>
Arkwright (GA).....	25,139	—	35,737	—	—	—	16	—	294
Atkinson (GA).....	—	8	514	—	—	—	—	*	10
Barnett Shoals (GA).....	—	—	—	504	—	—	—	—	—
Bartlett Ferry (GA).....	—	—	—	10,199	—	—	—	—	—
Bowen (GA).....	1,618,941	1,685	—	—	—	—	629	3	—
Burton (GA).....	—	—	—	2,044	—	—	—	—	—
Estatoah (GA).....	—	—	—	—	—	—	—	—	—
Flint River (GA).....	—	—	—	2,368	—	—	—	—	—
Goat Rock (GA).....	—	—	—	4,746	—	—	—	—	—
Hammond (GA).....	226,584	1,016	—	—	—	—	100	2	—
Harlee Branch (GA).....	659,063	656	—	—	—	—	263	1	—
Hatch, Edwin I. (GA).....	—	—	—	—	946,410	—	—	—	—
Langdale (GA).....	—	—	—	168	—	—	—	—	—
Lloyd Shoals (GA).....	—	—	—	4,533	—	—	—	—	—
McDonough, J (GA).....	241,232	384	23,293	—	—	—	89	1	218
Mcmanus (GA).....	—	21,292	—	—	—	—	—	51	—
Mitchell, W (GA).....	63,986	1,116	—	—	—	—	29	2	—
Morgan Falls (GA).....	—	—	—	1,923	—	—	—	—	—
Nacoochee (GA).....	—	—	—	1,285	—	—	—	—	—
North Highlands (GA).....	—	—	—	1,860	—	—	—	—	—
Oliver Dam (GA).....	—	—	—	5,540	—	—	—	—	—
Riverview (GA).....	—	—	—	124	—	—	—	—	—
Robins (GA).....	—	30	5,758	—	—	—	—	*	69
Scherer (GA).....	1,767,371	14,078	—	—	—	—	888	24	—
Sinclair Dam (GA).....	—	—	—	4,536	—	—	—	—	—
Tallulah Falls (GA).....	—	—	—	12,090	—	—	—	—	—
Terrora (GA).....	—	—	—	3,911	—	—	—	—	—
Tugalo (GA).....	—	—	—	8,838	—	—	—	—	—
Vogtle (GA).....	—	—	—	—	1,748,002	—	—	—	—
Wallace Dam (GA).....	—	—	—	24,016	—	—	—	—	—
Wansley (GA).....	961,236	423	—	—	—	—	363	1	—
Wilson (GA).....	—	3,725	—	—	—	—	—	6	—
Yates (GA).....	519,207	1,330	31,050	—	—	—	215	2	332
Yonah (GA).....	—	—	—	3,929	—	—	—	—	—
<b>Glendale (City of)</b> .....	—	—	<b>20,809</b>	—	—	—	—	—	<b>276</b>
Grayson (CA).....	—	—	20,809	—	—	—	—	—	276
<b>Golden Valley Elec Assn</b> .....	<b>18,105</b>	<b>24,304</b>	—	—	—	—	<b>16</b>	<b>48</b>	—
Chena (AK).....	—	19	—	—	—	—	—	*	—
Fairbanks (AK).....	—	555	—	—	—	—	—	2	—
Healy (AK).....	18,105	70	—	—	—	—	16	*	—
North Pole (AK).....	—	23,660	—	—	—	—	—	46	—
<b>Grand Haven (City of)</b> .....	<b>10,105</b>	—	—	—	—	—	<b>6</b>	—	—
Harbor Avenue (MI).....	—	—	—	—	—	—	—	—	—
J B Simms (MI).....	10,105	—	—	—	—	—	6	—	—
<b>Grand Island (City of)</b> .....	<b>50,461</b>	—	—	—	—	—	<b>33</b>	—	—
Burdick, C W (NE).....	—	—	—	—	—	—	—	—	—
Platte (NE).....	50,461	—	—	—	—	—	33	—	—
<b>Grand River Dam Authority</b> .....	<b>463,795</b>	—	<b>2,676</b>	<b>128,692</b>	—	—	<b>292</b>	—	<b>29</b>
GRDA No 1 (OK).....	463,795	—	2,676	—	—	—	292	—	29
Markham (OK).....	—	—	—	75,159	—	—	—	—	—
Pensacola (OK).....	—	—	—	61,551	—	—	—	—	—
Salina (OK).....	—	—	—	-8,018	—	—	—	—	—
<b>Grant Pub Util Dist #2</b> .....	—	—	—	<b>641,802</b>	—	—	—	—	—
Pec Hdwks (WA).....	—	—	—	3,716	—	—	—	—	—
Priest Rapids (WA).....	—	—	—	147,958	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Grant Pub Util Dist #2</b>									
Quincy Chut (WA) .....	—	—	—	4,596	—	—	—	—	—
Wanapum (WA) .....	—	—	—	485,532	—	—	—	—	—
<b>Green Mountain Power Corp.....</b>									
Berlin (VT) .....	—	614	—	11,600	—	741	—	2	—
Bolton Falls (VT) .....	—	524	—	—	—	—	—	2	—
Bolton Falls (VT) .....	—	—	—	2,589	—	—	—	—	—
Carthusians (VT) .....	—	—	—	—	—	—	—	—	—
Colchester (VT) .....	—	13	—	—	—	—	—	*	—
Essex Junction 19 (VT) .....	—	2	—	3,817	—	—	—	*	—
Gorge 18 (VT) .....	—	—	—	1,211	—	—	—	—	—
Marshfield 6 (VT) .....	—	—	—	494	—	—	—	—	—
Middlesex 2 (VT) .....	—	—	—	1,192	—	—	—	—	—
Searsburg (VT) .....	—	—	—	—	—	741	—	—	—
Vergennes 9 (VT) .....	—	75	—	831	—	—	—	*	—
Waterbury 22 (VT) .....	—	—	—	1,314	—	—	—	—	—
West Danville 15 (VT) .....	—	—	—	152	—	—	—	—	—
<b>Greenville (City of) .....</b>									
Steam (TX) .....	—	—	—	—	—	—	—	—	—
Steam (TX) .....	—	—	—	—	—	—	—	—	—
<b>Gulf Power Company .....</b>									
Crist (FL) .....	708,194	680	29,987	—	—	—	304	1	469
Scholz (FL) .....	515,412	166	29,987	—	—	—	221	*	469
Scholz (FL) .....	30,885	17	—	—	—	—	16	*	—
Smith (FL) .....	161,897	497	—	—	—	—	67	1	—
<b>Gulf States Utilities Co.....</b>									
Lewis Creek (TX) .....	141,777	1,185	1,790,826	12,246	—	—	93	2	18,534
Louisiana 1 (LA) .....	—	—	216,487	—	—	—	—	—	2,202
Louisiana 2 (LA) .....	—	—	46,013	—	—	—	—	—	503
Neches (TX) .....	—	—	—	—	—	—	—	—	—
Nelson, R S (LA) .....	141,777	1,182	264,023	—	—	—	93	2	2,817
River Bend (LA) .....	—	—	—	—	—	—	—	—	—
Sabine (TX) .....	—	3	867,867	—	—	—	—	*	8,609
Toledo Bend (TX) .....	—	—	—	12,246	—	—	—	—	—
Willow Glen (LA) .....	—	—	396,436	—	—	—	—	—	4,404
<b>GPU Nuclear Corp.....</b>									
Oyster Creek (NJ) .....	—	—	—	—	1,064,946	—	—	—	—
Oyster Creek (NJ) .....	—	—	—	—	462,284	—	—	—	—
Three Mile Island (PA) .....	—	—	—	—	602,662	—	—	—	—
<b>Hamilton (City of) .....</b>									
Hamilton (OH) .....	27,954	7	1,027	36,941	—	—	15	*	15
Hamilton (OH) .....	27,954	7	1,027	—	—	—	15	*	15
Hamilton Hydro (OH) .....	—	—	—	393	—	—	—	—	—
Vanceburg Hydro (KY) .....	—	—	—	36,548	—	—	—	—	—
<b>Hastings (City of) .....</b>									
Don Henry (NE) .....	43,287	21	-46	—	—	—	30	*	1
Don Henry (NE) .....	—	—	-5	—	—	—	—	—	*
North Denver (NE) .....	—	—	-41	—	—	—	—	—	1
Whelan (NE) .....	43,287	21	—	—	—	—	30	*	—
<b>Hawaiian Elec Co Inc.....</b>									
Honolulu (HI) .....	—	409,739	—	—	—	—	—	674	—
Honolulu (HI) .....	—	7,116	—	—	—	—	—	16	—
Kahe (HI) .....	—	288,321	—	—	—	—	—	463	—
Oil Storage (CA) .....	—	—	—	—	—	—	—	—	—
Waiau (HI) .....	—	114,302	—	—	—	—	—	195	—
<b>Hetch Hetchy Water &amp; Pwr.....</b>									
Holm, Dion R (CA) .....	—	—	—	248,573	—	—	—	—	—
Holm, Dion R (CA) .....	—	—	—	121,612	—	—	—	—	—
Kirkwood, Robert C (CA) .....	—	—	—	84,475	—	—	—	—	—
Mocassin (CA) .....	—	—	—	42,486	—	—	—	—	—
Mocassin Low (CA) .....	—	—	—	—	—	—	—	—	—
<b>Holland (City of) .....</b>									
James De Young (MI) .....	29,450	308	981	—	—	—	15	1	13
James De Young (MI) .....	29,450	8	50	—	—	—	15	*	1
48 Street (MI) .....	—	300	931	—	—	—	—	1	12
6Th Street (MI) .....	—	—	—	—	—	—	—	—	—
<b>Holyoke Wtr Pwr Co.....</b>									
Holyoke Wtr Pwr Co.....	75,715	175	—	22,069	—	—	30	*	—

See footnotes at end of table.



**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Holyoke Wtr Pwr Co</b>									
Boatlock (MA).....	—	—	—	1,723	—	—	—	—	—
Chemical (MA).....	—	—	—	20	—	—	—	—	—
Hadley Falls (MA).....	—	—	—	17,218	—	—	—	—	—
Holbrook, Beebe (MA).....	—	—	—	103	—	—	—	—	—
Mt Tom (MA).....	75,715	175	—	—	—	—	30	*	—
Riverside (MA).....	—	—	—	2,923	—	—	—	—	—
Skinner (MA).....	—	—	—	82	—	—	—	—	—
<b>Homestead (City of).....</b>	<b>—</b>	<b>359</b>	<b>5,929</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>58</b>
G W Ivey (FL).....	—	359	5,929	—	—	—	—	1	58
<b>Hoosier Energy Rural.....</b>	<b>725,300</b>	<b>929</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>330</b>	<b>2</b>	<b>—</b>
Merom (IN).....	655,194	884	—	—	—	—	298	2	—
Ratts (IN).....	70,106	45	—	—	—	—	31	*	—
<b>Hutchinson (City of).....</b>	<b>—</b>	<b>8</b>	<b>32,525</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>*</b>	<b>278</b>
Plant No. 1 (MN).....	—	8	2,697	—	—	—	—	*	29
Plant No. 2 (MN).....	—	—	29,828	—	—	—	—	—	248
<b>Idaho Power Co.....</b>	<b>—</b>	<b>9</b>	<b>—</b>	<b>1,093,326</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>*</b>	<b>—</b>
American Falls (ID).....	—	—	—	77,195	—	—	—	—	—
Bliss (ID).....	—	—	—	50,812	—	—	—	—	—
Brownlee (ID).....	—	—	—	293,023	—	—	—	—	—
Cascade (ID).....	—	—	—	4,712	—	—	—	—	—
Clear Lake (ID).....	—	—	—	1,250	—	—	—	—	—
Hells Canyon (OR).....	—	—	—	307,391	—	—	—	—	—
Lower Malad (ID).....	—	—	—	11,067	—	—	—	—	—
Lower Salmon (ID).....	—	—	—	45,020	—	—	—	—	—
Milner (ID).....	—	—	—	38,520	—	—	—	—	—
Oxbow (OR).....	—	—	—	108,061	—	—	—	—	—
Salmon (ID).....	—	9	—	—	—	—	—	*	—
Shoshone Falls (ID).....	—	—	—	9,624	—	—	—	—	—
Strike, C J (ID).....	—	—	—	65,600	—	—	—	—	—
Swan Falls (ID).....	—	—	—	7,828	—	—	—	—	—
Thousand Springs (ID).....	—	—	—	5,023	—	—	—	—	—
Twin Falls (ID).....	—	—	—	37,523	—	—	—	—	—
Upper Malad (ID).....	—	—	—	5,810	—	—	—	—	—
Upper Salmon (ID).....	—	—	—	12,205	—	—	—	—	—
Upper Salmon (ID).....	—	—	—	12,662	—	—	—	—	—
<b>Illinois Power Co.....</b>	<b>1,460,753</b>	<b>26,531</b>	<b>4,651</b>	<b>—</b>	<b>16,253</b>	<b>—</b>	<b>719</b>	<b>7</b>	<b>78</b>
Baldwin (IL).....	929,502	1,443	—	—	—	—	441	2	—
Clinton (IL).....	—	—	—	—	16,253	—	—	—	—
Havana (IL).....	173,656	896	400	—	—	—	84	5	4
Hennepin (IL).....	154,262	—	772	—	—	—	94	—	10
Oglesby (IL).....	—	—	304	—	—	—	—	—	4
Stallings (IL).....	—	—	119	—	—	—	—	—	4
Tipton (MO).....	—	—	—	—	—	—	—	—	—
Vermilion (IL).....	34,694	—	1,038	—	—	—	21	—	13
Wood River (IL).....	168,639	24,192	2,018	—	—	—	80	—	43
<b>Imperial Irrigation Dist.....</b>	<b>—</b>	<b>92</b>	<b>15,745</b>	<b>30,958</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>*</b>	<b>202</b>
Brawley (CA).....	—	—	—	—	—	—	—	—	—
Coachella (CA).....	—	—	1,624	—	—	—	—	—	25
Double Weir (CA).....	—	—	—	—	—	—	—	—	—
Drop No 1 (CA).....	—	—	—	1,824	—	—	—	—	—
Drop No. 5 (CA).....	—	—	—	1,832	—	—	—	—	—
Drop 2 (CA).....	—	—	—	6,393	—	—	—	—	—
Drop 3 (CA).....	—	—	—	6,092	—	—	—	—	—
Drop 4 (CA).....	—	—	—	11,209	—	—	—	—	—
E Highline (CA).....	—	—	—	501	—	—	—	—	—
El Centro (CA).....	—	—	12,174	—	—	—	—	—	150
Pilot Knob (CA).....	—	—	—	3,035	—	—	—	—	—
Rockwood (CA).....	—	92	1,947	—	—	—	—	*	27
Turnip (CA).....	—	—	—	72	—	—	—	—	—
<b>Independence (City of).....</b>	<b>17,596</b>	<b>-113</b>	<b>2,379</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>11</b>	<b>*</b>	<b>30</b>
Blue Valley (MO).....	17,596	—	2,379	—	—	—	11	—	30
Jackson Square (MO).....	—	43	—	—	—	—	—	*	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Independence (City of)</b>									
Missouri City (MO).....	—	-178	—	—	—	—	—	*	—
Station H (MO).....	—	—	—	—	—	—	—	—	—
Station I (MO).....	—	22	—	—	—	—	—	*	—
<b>Indiana Michigan Power Co.....</b>									
Berrien Springs (MI).....	1,391,662	7,758	—	11,706	—	—	692	15	—
Buchanan (MI).....	—	—	—	4,206	—	—	—	—	—
Constantine (MI).....	—	—	—	1,510	—	—	—	—	—
Cook, Donald C. (MI).....	—	—	—	409	—	—	—	—	—
Elkhart (IN).....	—	—	—	1,552	—	—	—	—	—
Fourth Street (IN).....	—	—	—	—	—	—	—	—	—
Mottville (MI).....	—	—	—	788	—	—	—	—	—
Rockport (IN).....	914,576	6,581	—	—	—	—	510	12	—
Tanners Creek (IN).....	477,086	1,177	—	—	—	—	182	3	—
Twin Branch (IN).....	—	—	—	3,241	—	—	—	—	—
<b>Indiana Mun Power Agency.....</b>									
Anderson (IN).....	—	—	245	—	—	—	—	—	3
<b>Indiana-Kentucky El Corp.....</b>									
Clifty Creek (IN).....	745,377	241	—	—	—	—	379	*	—
	745,377	241	—	—	—	—	379	*	—
<b>Indianapolis Pwr &amp; Lgt Co.....</b>									
Perry K (IN).....	1,325,778	1,994	—	—	—	—	642	5	—
Petersburg (IN).....	-652	—	—	—	—	—	—	—	—
Pritchard, H T (IN).....	967,619	845	—	—	—	—	459	2	—
Stout, Elmer W (IN).....	92,571	551	—	—	—	—	50	1	—
	266,240	598	—	—	—	—	132	2	—
<b>International Bound &amp; Water</b>									
Comm.....	—	—	—	10,297	—	—	—	—	—
Amistad (TX).....	—	—	—	5,062	—	—	—	—	—
Falcon (TX).....	—	—	—	5,235	—	—	—	—	—
<b>Interstate Power Co.....</b>									
Dubuque (IA).....	277,281	168	7,398	—	—	—	162	1	90
Fox Lake (MN).....	30,967	2	—	—	—	—	18	*	—
Hills (MN).....	—	-10	7,117	—	—	—	—	—	87
Kapp, M L (IA).....	—	-14	—	—	—	—	—	—	—
Lansing (IA).....	88,996	—	281	—	—	—	41	—	3
Lime Creek (IA).....	157,318	256	—	—	—	—	103	1	—
Montgomery (MN).....	—	-54	—	—	—	—	—	—	—
New Albin (IA).....	—	-8	—	—	—	—	—	—	—
Rushford (MN).....	—	-4	—	—	—	—	—	—	—
<b>IES Utilities Co.....</b>									
Ames (IA).....	248,383	382	10,233	537	377,384	1,411	166	2	160
Anamosa (IA).....	—	—	—	-4	—	—	—	—	—
Arnold, Duane (IA).....	—	—	—	—	377,384	—	—	—	—
Burlington (IA).....	75,515	—	368	—	—	—	48	—	5
Centerville (IA).....	—	158	—	—	—	—	—	1	—
Grinnell (IA).....	—	—	-23	—	—	—	—	—	—
Iowa Falls (IA).....	—	—	—	230	—	—	—	—	—
Maquoketa (IA).....	—	—	—	311	—	—	—	—	—
Marshalltown (IA).....	—	223	—	—	—	—	—	1	—
Ottumwa (IA).....	-3,190	—	—	—	—	—	—	—	—
Prairie Creek (IA).....	76,349	1	1,255	—	—	—	49	*	14
Sutherland (IA).....	88,454	—	4,266	—	—	—	57	—	51
6Th Street (IA).....	11,255	—	4,367	—	—	1,411	12	—	90
<b>Jacksonville (City of).....</b>									
Kennedy, J D (FL).....	679,244	466,011	72,182	—	—	—	271	471	722
Northside (FL).....	—	50,453	2,250	—	—	—	—	85	28
Southside (FL).....	—	194,641	50,882	—	—	—	—	318	496
St. Johns River.....	—	35,720	19,050	—	—	—	—	64	197
	679,244	185,197	—	—	—	—	271	5	—
<b>Jamestown (City of).....</b>									
Carlson, S A (NY).....	8,709	2	—	—	—	—	5	*	—
	8,709	2	—	—	—	—	5	*	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Jersey Central Power&amp;Light</b>									
Co.....	—	108	32,021	-11,868	—	—	—	3	339
Forked River (NJ).....	—	274	1,049	—	—	—	—	3	4
Gardner, Glen (NJ).....	—	—	1,018	—	—	—	—	—	17
Gilbert (NJ).....	—	44	30,679	—	—	—	—	*	316
Sayreville (NJ).....	—	—	-725	—	—	—	—	—	2
Werner (NJ).....	—	-210	—	—	—	—	—	—	—
Yards Creek (NJ).....	—	—	—	-11,868	—	—	—	—	—
<b>Kansas City (City of)</b> .....	<b>123,512</b>	<b>1,893</b>	<b>8,744</b>	—	—	—	<b>74</b>	<b>6</b>	<b>259</b>
Kaw (KS).....	—	—	—	—	—	—	—	—	—
Nearman Creek (KS).....	59,393	774	—	—	—	—	41	2	—
Quindaro (KS).....	64,119	1,119	8,744	—	—	—	33	5	259
<b>Kansas City Pwr &amp; Lgt Co</b> .....	<b>1,343,832</b>	<b>11,177</b>	—	—	—	—	<b>825</b>	<b>23</b>	—
Grand Ave (MO).....	—	—	—	—	—	—	—	—	—
Hawthorn (MO).....	—	—	—	—	—	—	—	—	—
Iatan (MO).....	421,118	991	—	—	—	—	244	2	—
La Cygne (KS).....	680,659	6,157	—	—	—	—	421	12	—
Montrose (MO).....	242,055	1,084	—	—	—	—	159	2	—
Northeast (MO).....	—	2,945	—	—	—	—	—	8	—
<b>Kauai Electric Company</b> .....	—	<b>26,946</b>	—	—	—	—	—	<b>49</b>	—
Port Allen (HI).....	—	26,946	—	—	—	—	—	49	—
<b>Kentucky Power Co</b> .....	<b>741,677</b>	<b>839</b>	—	—	—	—	<b>286</b>	<b>1</b>	—
Big Sandy (KY).....	741,677	839	—	—	—	—	286	1	—
<b>Kentucky Utilities Co</b> .....	<b>1,269,954</b>	<b>1,517</b>	<b>1,300</b>	<b>705</b>	—	—	<b>559</b>	<b>4</b>	<b>21</b>
Brown, E W (KY).....	243,210	333	1,287	—	—	—	102	1	21
Dix Dam (KY).....	—	—	—	-4	—	—	—	—	—
Ghent (KY).....	906,988	926	—	—	—	—	396	2	—
Green River (KY).....	93,933	56	—	—	—	—	48	*	—
Haefling (KY).....	—	—	13	—	—	—	—	—	1
Lock 7 (KY).....	—	—	—	709	—	—	—	—	—
Pineville (KY).....	6,620	2	—	—	—	—	4	*	—
Tyrone (KY).....	19,203	200	—	—	—	—	9	*	—
<b>KeySpan Energy</b> .....	—	<b>286,329</b>	<b>565,218</b>	—	—	—	—	<b>507</b>	<b>5,899</b>
Barrett, E F (NY).....	—	24	124,491	—	—	—	—	*	1,249
Brookhaven (NY).....	—	4,338	—	—	—	—	—	10	—
East Hampton (NY).....	—	164	—	—	—	—	—	*	—
Far Rockway (NY).....	—	—	37,188	—	—	—	—	—	380
Glenwood (NY).....	—	187	14,063	—	—	—	—	1	167
Holbrook (NY).....	—	3,283	—	—	—	—	—	8	—
Montauk (NY).....	—	37	—	—	—	—	—	*	—
Northport (NY).....	—	222,020	311,583	—	—	—	—	384	3,215
Port Jefferson (NY).....	—	56,074	77,893	—	—	—	—	103	888
Shoreham (NY).....	—	-5	—	—	—	—	—	—	—
Southampton (NY).....	—	2	—	—	—	—	—	*	—
Southold (NY).....	—	-1	—	—	—	—	—	*	—
West Babylon (NY).....	—	206	—	—	—	—	—	*	—
<b>Kings River Conserv Dist</b> .....	—	—	—	<b>68,531</b>	—	—	—	—	—
Pine Flat (CA).....	—	—	—	68,531	—	—	—	—	—
<b>Kissimmee (City of)</b> .....	—	<b>8</b>	<b>75,175</b>	—	—	—	—	<b>*</b>	<b>644</b>
Cane Island (FL).....	—	—	72,996	—	—	—	—	—	614
Kissimmee (FL).....	—	8	2,179	—	—	—	—	*	29
<b>KG&amp;E - Western Resources</b> .....	—	<b>22,000</b>	<b>95,193</b>	—	—	—	—	<b>42</b>	<b>1,037</b>
Evans, Gordon (KS).....	—	—	80,565	—	—	—	—	—	867
Gill, Murray (KS).....	—	22,000	14,628	—	—	—	—	42	170
Neosho (KS).....	—	—	—	—	—	—	—	—	—
<b>KPL - Western Resources</b> .....	<b>1,284,410</b>	<b>2,192</b>	<b>4,092</b>	—	—	—	<b>834</b>	<b>5</b>	<b>63</b>
Abilene (KS).....	—	—	-16	—	—	—	—	—	*
Hutchinson (KS).....	—	212	2,206	—	—	—	—	1	41
Jeffrey (KS).....	1,079,113	1,980	—	—	—	—	715	4	—
Lawrence (KS).....	131,607	—	1,202	—	—	—	78	—	13
Tecumseh (KS).....	73,690	—	700	—	—	—	41	—	9

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Lafayette Util Sys (City)</b> .....	—	—	<b>67,186</b>	—	—	—	—	—	<b>665</b>
Doc Bonin (LA).....	—	—	67,193	—	—	—	—	—	665
Rodemacher (LA).....	—	—	-7	—	—	—	—	—	—
<b>Lake Worth (City of)</b> .....	—	<b>710</b>	<b>17,169</b>	—	—	—	—	<b>2</b>	<b>199</b>
Smith, Tom G (FL).....	—	710	17,169	—	—	—	—	2	199
<b>Lakeland (City of)</b> .....	<b>113,098</b>	<b>16,798</b>	<b>142,762</b>	—	—	—	<b>47</b>	<b>10</b>	<b>1,460</b>
Larsen Memorial (FL).....	—	1,597	83,432	—	—	—	—	3	822
Mcintosh, C D (FL).....	113,098	15,201	59,330	—	—	—	47	7	637
<b>Lansing (City of)</b> .....	<b>204,147</b>	<b>459</b>	—	<b>291</b>	—	—	<b>109</b>	<b>1</b>	—
Eckert Station (MI).....	118,289	362	—	—	—	—	75	1	—
Erickson (MI).....	85,858	97	—	—	—	—	34	*	—
Moores Park (MI).....	—	—	—	291	—	—	—	—	—
<b>Lincoln (City of)</b> .....	—	<b>14</b>	<b>345</b>	—	—	—	—	*	<b>6</b>
Lincoln J Street (NE).....	—	—	—	—	—	—	—	—	—
Rokeyby (NE).....	—	14	345	—	—	—	—	*	6
<b>Logansport (City of)</b> .....	<b>13,474</b>	—	<b>8</b>	—	—	—	<b>7</b>	—	*
Logansport (IN).....	13,474	—	8	—	—	—	7	—	*
<b>Los Angeles (City of)</b> .....	<b>1,185,481</b>	<b>370</b>	<b>272,978</b>	<b>23,621</b>	—	<b>13,412</b>	<b>473</b>	<b>1</b>	<b>3,003</b>
Big Pine Creek (CA).....	—	—	—	1,492	—	—	—	—	—
Castaic (CA).....	—	—	—	-46,777	—	—	—	—	—
Control Gorge (CA).....	—	—	—	6,855	—	—	—	—	—
Cottonwood (CA).....	—	—	—	118	—	—	—	—	—
Division Creek (CA).....	—	—	—	465	—	—	—	—	—
Foothill (CA).....	—	—	—	4,154	—	—	—	—	—
Franklin Canyon (CA).....	—	—	—	414	—	—	—	—	—
Haiwee (CA).....	—	—	—	1,965	—	—	—	—	—
Harbor (CA).....	—	—	—	—	—	—	—	—	—
Haynes (CA).....	—	—	126,527	—	—	—	—	—	1,476
Intermountain (UT).....	1,185,481	370	—	—	—	—	473	1	—
Middle Gorge (CA).....	—	—	—	6,292	—	—	—	—	—
Pleasant Valley (CA).....	—	—	—	859	—	—	—	—	—
San Fernando (CA).....	—	—	—	4,305	—	—	—	—	—
San Francisquito 1 (CA).....	—	—	—	25,251	—	—	—	—	—
San Francisquito 2 (CA).....	—	—	—	10,458	—	—	—	—	—
Sawtelle (CA).....	—	—	—	273	—	—	—	—	—
Scattergood (CA).....	—	—	145,476	—	—	13,412	—	—	1,506
Upper Gorge (CA).....	—	—	—	7,497	—	—	—	—	—
Valley (CA).....	—	—	975	—	—	—	—	—	22
<b>Louisiana Pwr &amp; Light Co</b> .....	—	—	<b>1,252,333</b>	—	<b>821,733</b>	—	—	—	<b>13,233</b>
Buras (LA).....	—	—	32	—	—	—	—	—	1
Litle Gypsy (LA).....	—	—	330,553	—	—	—	—	—	3,559
Monroe (LA).....	—	—	—	—	—	—	—	—	—
Nine Mile Point (LA).....	—	—	702,452	—	—	—	—	—	7,098
Sterlington (LA).....	—	—	83,549	—	—	—	—	—	1,097
Thibodaux (LA).....	—	—	—	—	—	—	—	—	—
Waterford (LA).....	—	—	—	—	821,733	—	—	—	—
Waterford (LA).....	—	—	135,747	—	—	—	—	—	1,478
<b>Louisville Gas &amp; Elec Co</b> .....	<b>1,207,668</b>	<b>2,474</b>	<b>13,291</b>	<b>41,495</b>	—	—	<b>569</b>	<b>5</b>	<b>138</b>
Cane Run (KY).....	75,389	—	5,132	—	—	—	35	—	52
Mill Creek (KY).....	787,178	2,471	7,791	—	—	—	377	5	81
Ohio Falls (KY).....	—	—	—	41,495	—	—	—	—	—
Paddys Run (KY).....	—	—	244	—	—	—	—	—	4
Trimble County (KY).....	345,101	3	—	—	—	—	158	*	—
Waterside (KY).....	—	—	24	—	—	—	—	—	*
Zorn (KY).....	—	—	100	—	—	—	—	—	1
<b>Lower Colorado River Auth</b> .....	<b>842,999</b>	<b>1,454</b>	<b>291,689</b>	<b>29,262</b>	—	—	<b>427</b>	<b>2</b>	<b>3,039</b>
Austin (TX).....	—	—	—	5,250	—	—	—	—	—
Buchanan (TX).....	—	—	—	771	—	—	—	—	—
Granite Shoals (TX).....	—	—	—	3,868	—	—	—	—	—
Inks (TX).....	—	—	—	476	—	—	—	—	—
Mansfield (TX).....	—	—	—	16,710	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Lower Colorado River Auth</b>									
Marble Falls (TX).....	—	—	—	2,187	—	—	—	—	—
Sam K Seymour, Jr (TX).....	842,999	1,454	—	—	—	—	427	2	—
Sim Gideon (TX).....	—	—	182,942	—	—	—	—	—	1,899
T. C. Ferguson (TX).....	—	—	108,747	—	—	—	—	—	1,139
<b>Lubbock (City of).....</b>									
Holly Ave (TX).....	—	—	38,514	—	—	—	—	—	616
LP&L Co GEN.....	—	—	25,707	—	—	—	—	—	475
Plant 2 (TX).....	—	—	12,807	—	—	—	—	—	140
<b>Madison Gas &amp; Elec Co.....</b>									
Blount Street (WI).....	14,199	—	18,111	—	—	808	10	—	241
Fitchburg (WI).....	14,199	—	16,500	—	—	808	10	—	213
Nine Springs (WI).....	—	—	1,273	—	—	—	—	—	22
Sycamore (WI).....	—	—	-9	—	—	—	—	—	—
Manitowoc (WI).....	—	—	347	—	—	—	—	—	6
<b>Manitowoc (City of).....</b>									
Manitowoc (WI).....	13,478	6,546	—	—	—	—	7	—	—
<b>Marquette (City of).....</b>									
Plant Four (MI).....	13,478	6,546	—	—	—	—	7	—	—
Plant Two (MI).....	—	—	—	—	—	—	—	—	—
Russell, Frank J (MI).....	—	—	—	2,076	—	—	—	—	—
Shiras (MI).....	—	—	—	516	—	—	—	—	—
Marshall (MI).....	22,435	20	—	—	—	—	15	*	—
<b>Marshall (City of).....</b>									
Marshall (MO).....	1,629	-62	78	—	—	—	1	*	4
Marshall (MO).....	1,629	-62	78	—	—	—	1	*	4
<b>Mass Mun Wholesale Elec.....</b>									
Stonybrook (MA).....	—	31,738	124,760	—	—	—	—	50	1,104
Stonybrook (MA).....	—	31,738	124,760	—	—	—	—	50	1,104
<b>Maui Electric Co Ltd.....</b>									
Cook (HI).....	—	88,444	—	—	—	—	—	150	—
Kahului (HI).....	—	3,365	—	—	—	—	—	6	—
Lanai City (HI).....	—	13,508	—	—	—	—	—	29	—
Maalaea (HI).....	—	—	—	—	—	—	—	—	—
Miki Basin (HI).....	—	69,216	—	—	—	—	—	111	—
Miki Basin (HI).....	—	2,355	—	—	—	—	—	4	—
<b>McPherson (City of).....</b>									
McPherson 3 (KS).....	—	17	2,332	—	—	—	—	*	34
Plant No. 2 (KS).....	—	17	1,624	—	—	—	—	*	24
Plant No. 2 (KS).....	—	—	708	—	—	—	—	—	10
<b>Medina Electric Coop Inc.....</b>									
Pearsall (TX).....	—	—	276	—	—	—	—	—	6
Pearsall (TX).....	—	—	276	—	—	—	—	—	6
<b>Merced Irrigation Dist.....</b>									
Canal Creek (CA).....	—	—	—	51,749	—	—	—	—	—
Exchequer (CA).....	—	—	—	—	—	—	—	—	—
Fairfield (CA).....	—	—	—	45,109	—	—	—	—	—
Mcswain (CA).....	—	—	—	341	—	—	—	—	—
Parker (CA).....	—	—	—	5,293	—	—	—	—	—
Parker (CA).....	—	—	—	1,006	—	—	—	—	—
<b>Metropolitan Edison Co.....</b>									
Hamilton (PA).....	227,487	600	235	14,698	—	—	82	1	1
Hunterstown (PA).....	—	—	—	—	—	—	—	*	—
Mountain (PA).....	—	—	25	—	—	—	—	—	*
Ortanna (PA).....	—	—	—	—	—	—	—	—	—
Portland (PA).....	196,775	178	200	—	—	—	68	*	1
Shawnee (PA).....	—	—	—	—	—	—	—	—	—
Titus (PA).....	30,712	422	10	—	—	—	13	1	*
Tolna (PA).....	—	—	—	—	—	—	—	—	—
Yorkhaven (PA).....	—	—	—	14,698	—	—	—	—	—
<b>Michigan So Cent Pwr Agen.....</b>									
Endicott (MI).....	26,473	1,229	—	—	—	—	13	*	—
Endicott (MI).....	26,473	1,229	—	—	—	—	13	*	—
<b>MidAmerican Energy.....</b>									
Coralville (IA).....	1,671,667	1,047	7,558	473	—	—	1,049	2	100
Council Bluffs (IA).....	—	—	-44	—	—	—	—	—	*
Council Bluffs (IA).....	470,854	606	354	—	—	—	302	1	4

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>MidAmerican Energy</b>									
Electrifarm (IA) .....	—	29	2,436	—	—	—	—	*	38
George Neal South (IA) .....	386,479	128	—	—	—	—	236	*	—
Louisa (IA) .....	336,893	—	1,425	—	—	—	214	—	15
Moline (IL) .....	—	—	—	473	—	—	—	—	—
Neal, George (IA) .....	437,597	—	2,560	—	—	—	272	—	27
Parr (IA) .....	—	-6	-6	—	—	—	—	—	—
Pleasant Hill (IA) .....	—	290	—	—	—	—	—	1	—
River Hills (IA) .....	—	—	46	—	—	—	—	—	2
Riverside (IA) .....	39,844	—	173	—	—	—	24	—	2
Sycamore (IA) .....	—	—	614	—	—	—	—	—	13
<b>Minnesota Power Inc</b> .....	<b>367,773</b>	<b>4,297</b>	<b>—</b>	<b>78,343</b>	<b>—</b>	<b>—</b>	<b>223</b>	<b>8</b>	<b>—</b>
Blanchard (MN) .....	—	—	—	10,947	—	—	—	—	—
Boswell (MN) .....	324,410	4,229	—	—	—	—	193	8	—
Fond Du Lac (MN) .....	—	—	—	6,930	—	—	—	—	—
Hibbard, M L (MN) .....	—	—	—	—	—	—	—	—	—
Knife Falls (MN) .....	—	—	—	1,390	—	—	—	—	—
Laskin (MN) .....	43,363	68	—	—	—	—	31	*	—
Little Falls (MN) .....	—	—	—	2,560	—	—	—	—	—
Pillager (MN) .....	—	—	—	979	—	—	—	—	—
Prairie River (MN) .....	—	—	—	411	—	—	—	—	—
Scanlon (MN) .....	—	—	—	1,036	—	—	—	—	—
Sylvan (MN) .....	—	—	—	987	—	—	—	—	—
Thompson (MN) .....	—	—	—	50,068	—	—	—	—	—
Winton (MN) .....	—	—	—	3,035	—	—	—	—	—
<b>Minnkota Power Coop Inc</b> .....	<b>445,561</b>	<b>598</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>383</b>	<b>1</b>	<b>—</b>
Grand Forks (ND) .....	—	—	—	—	—	—	—	—	—
Harwood (ND) .....	—	—	—	—	—	—	—	—	—
Young, Milton R (ND) .....	445,561	598	—	—	—	—	383	1	—
<b>Mississippi Power Co</b> .....	<b>982,835</b>	<b>881</b>	<b>211,886</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>442</b>	<b>1</b>	<b>3,942</b>
Daniel, Victor J Jr. (MS) .....	546,019	881	—	—	—	—	258	1	—
Eaton (MS) .....	—	—	21,691	—	—	—	—	—	295
Standard Oil (MS) .....	—	—	97,805	—	—	—	—	—	2,445
Sweatt (MS) .....	—	—	23,007	—	—	—	—	—	318
Watson (MS) .....	436,816	—	69,383	—	—	—	185	—	883
<b>Mississippi Pwr &amp; Lgt Co</b> .....	<b>—</b>	<b>144,384</b>	<b>333,669</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>193</b>	<b>4,892</b>
Andrus (MS) .....	—	143,115	—	—	—	—	—	191	—
Brown, Rex (MS) .....	—	—	52,617	—	—	—	—	—	1,940
Delta (MS) .....	—	—	46,209	—	—	—	—	—	609
Natchez (MS) .....	—	—	—	—	—	—	—	—	—
Wilson, B (MS) .....	—	1,269	234,843	—	—	—	—	2	2,343
<b>Missouri Basin Mun Pwr Agency</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Watertown (SD) .....	—	—	—	—	—	—	—	—	—
<b>Modesto Irrigation Dist</b> .....	<b>—</b>	<b>25</b>	<b>2,981</b>	<b>1,900</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>*</b>	<b>30</b>
McClure (CA) .....	—	25	15	—	—	—	—	*	1
New Hogan (CA) .....	—	—	—	1,754	—	—	—	—	—
Stone Drop (CA) .....	—	—	—	146	—	—	—	—	—
Woodland (CA) .....	—	—	2,966	—	—	—	—	—	29
<b>Monongahela Power Co</b> .....	<b>2,587,068</b>	<b>1,467</b>	<b>4,749</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1,030</b>	<b>3</b>	<b>48</b>
Albright (WV) .....	110,899	250	—	—	—	—	49	1	—
Fort Martin (WV) .....	724,689	1,139	—	—	—	—	267	2	—
Harrison (WV) .....	856,658	—	2,239	—	—	—	340	—	22
Pleasants (WV) .....	738,422	—	2,199	—	—	—	307	—	23
Rivesville (WV) .....	36,495	78	—	—	—	—	19	*	—
Willow Island (WV) .....	119,905	—	311	—	—	—	49	—	3
<b>Montana Dakota Utils Co</b> .....	<b>323,078</b>	<b>35</b>	<b>-100</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>280</b>	<b>*</b>	<b>4</b>
Coyote (ND) .....	271,100	35	—	—	—	—	230	*	—
Glendive (MT) .....	—	—	182	—	—	—	—	—	3
Heskett (ND) .....	51,978	—	—	—	—	—	50	—	—
Lewis & Clark (MT) .....	—	—	-330	—	—	—	*	—	—
Miles City (MT) .....	—	—	55	—	—	—	—	—	1
Williston (ND) .....	—	—	-7	—	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Montana Power Co (The)</b> .....	<b>1,154,919</b>	<b>1,090</b>	<b>206</b>	<b>399,641</b>	—	—	<b>742</b>	*	<b>2</b>
Black Eagle (MT) .....	—	—	—	13,059	—	—	—	—	—
Cochrane (MT) .....	—	—	—	36,807	—	—	—	—	—
Colstrip (MT) .....	1,112,698	1,001	—	—	—	—	716	*	—
Corette, J E (MT) .....	42,221	—	206	—	—	—	26	—	2
Hauser Lake (MT) .....	—	—	—	11,998	—	—	—	—	—
Holter (MT) .....	—	—	—	36,455	—	—	—	—	—
Kerr (MT) .....	—	—	—	127,643	—	—	—	—	—
Lake Diesel (MT) .....	—	—	—	—	—	—	—	—	—
Madison (MT) .....	—	—	—	5,762	—	—	—	—	—
Milltown (MT) .....	—	—	—	1,468	—	—	—	—	—
Morony (MT) .....	—	—	—	35,040	—	—	—	—	—
Mystic Lake (MT) .....	—	—	—	1,559	—	—	—	—	—
Rainbow (MT) .....	—	—	—	23,140	—	—	—	—	—
Ryan (MT) .....	—	—	—	43,622	—	—	—	—	—
Thompson Falls (MT) .....	—	—	—	63,088	—	—	—	—	—
Yellowstone (MT) .....	—	89	—	—	—	—	—	*	—
<b>Morgan (City of)</b> .....	—	—	<b>7,382</b>	—	—	—	—	—	<b>106</b>
Morgan City (LA) .....	—	—	7,382	—	—	—	—	—	106
<b>Muscatine (City of)</b> .....	<b>115,672</b>	<b>81</b>	<b>115</b>	—	—	—	<b>80</b>	*	<b>1</b>
Muscatine (IA) .....	115,672	81	115	—	—	—	80	*	1
<b>N Y State Elec &amp; Gas Corp</b> .....	<b>308,783</b>	<b>39</b>	—	<b>20,524</b>	—	—	<b>142</b>	*	—
Cadyville (NY) .....	—	—	—	1,838	—	—	—	—	—
Goudey (NY) .....	4,454	—	—	—	—	—	9	—	—
Greenidge (NY) .....	26,113	29	—	—	—	—	15	*	—
Harris Lake (NY) .....	—	7	—	—	—	—	—	*	—
Hickling (NY) .....	-177	—	—	—	—	—	—	—	—
High Falls (NY) .....	—	—	—	6,686	—	—	—	—	—
Jennison (NY) .....	-187	—	—	—	—	—	—	—	—
Kents Falls (NY) .....	—	—	—	3,907	—	—	—	—	—
Keuka (NY) .....	—	—	—	—	—	—	—	—	—
Mechanicville (NY) .....	—	—	—	6,048	—	—	—	—	—
Mill C (NY) .....	—	—	—	661	—	—	—	—	—
Milliken (NY) .....	98,789	3	—	—	—	—	50	*	—
Rainbow Falls (NY) .....	—	—	—	1,384	—	—	—	—	—
Seneca Falls (NY) .....	—	—	—	—	—	—	—	—	—
Somerset (NY) .....	179,791	—	—	—	—	—	68	—	—
Waterloo (NY) .....	—	—	—	—	—	—	—	—	—
<b>Natchitoches (City of)</b> .....	—	—	—	—	—	—	—	—	—
Natchitoches (LA) .....	—	—	—	—	—	—	—	—	—
<b>Nebraska Pub Power Dist</b> .....	<b>598,202</b>	<b>218</b>	<b>13,310</b>	<b>31,068</b>	<b>572,904</b>	—	<b>368</b>	*	<b>133</b>
Canaday (NE) .....	—	103	9,757	—	—	—	—	*	95
Columbus (NE) .....	—	—	—	13,178	—	—	—	—	—
Cooper (NE) .....	—	—	—	—	572,904	—	—	—	—
David City (NE) .....	—	7	11	—	—	—	—	*	*
Gentleman (NE) .....	497,221	—	3,359	—	—	—	305	—	35
Hallam (NE) .....	—	—	31	—	—	—	—	—	*
Hebron (NE) .....	—	31	—	—	—	—	—	*	—
Kearney (NE) .....	—	—	—	—	—	—	—	—	—
Lodgepole (NE) .....	—	—	—	—	—	—	—	—	—
Lyons (NE) .....	—	3	—	—	—	—	—	*	—
Madison (NE) .....	—	—	—	—	—	—	—	—	—
Mc Cook (NE) .....	—	59	—	—	—	—	—	*	—
Minnechadua (NE) .....	—	—	—	—	—	—	—	—	—
Mobile (NE) .....	—	—	—	—	—	—	—	—	—
Monroe (NE) .....	—	—	—	2,251	—	—	—	—	—
North Platte (NE) .....	—	—	—	14,485	—	—	—	—	—
Ord (NE) .....	—	9	10	—	—	—	—	*	*
Sheldon (NE) .....	100,981	—	137	—	—	—	64	—	2
Spencer (NE) .....	—	—	—	1,154	—	—	—	—	—
Sutherland (NE) .....	—	5	—	—	—	—	—	*	—
Wakefield (NE) .....	—	1	5	—	—	—	—	*	*
<b>Nevada Power Co</b> .....	<b>157,451</b>	<b>1,535</b>	<b>279,830</b>	—	—	—	<b>75</b>	<b>3</b>	<b>2,635</b>
Clark (NV) .....	—	—	243,522	—	—	—	—	—	2,171

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Nevada Power Co</b>									
Gardner, Reid (NV).....	157,451	1,535	—	—	—	—	75	3	—
Sun Peak (NV).....	—	—	14,118	—	—	—	—	—	192
Sunrise (NV).....	—	—	22,190	—	—	—	—	—	271
<b>New Orleans Pub Serv Inc</b>									
Michoud (LA).....	—	—	114,052	—	—	—	—	—	1,285
Paterson, A B (LA).....	—	—	—	—	—	—	—	—	—
<b>New Ulm (City of)</b>									
New Ulm (MN).....	—	30	1,008	—	—	—	—	*	39
<b>Niagara Mohawk Power Corp</b>									
Albany (NY).....	342,876	171,256	89,007	182,869	649,607	—	131	298	1,067
Allens Falls (NY).....	—	9,303	87,598	—	—	—	—	15	1,051
Baldwinsville (NY).....	—	—	—	1,955	—	—	—	—	—
Beardslee (NY).....	—	—	—	67	—	—	—	—	—
Beebee Island (NY).....	—	—	—	2,612	—	—	—	—	—
Belfort (NY).....	—	—	—	3,668	—	—	—	—	—
Bennetts Bridge (NY).....	—	—	—	603	—	—	—	—	—
Black River (NY).....	—	—	—	3,438	—	—	—	—	—
Blake (NY).....	—	—	—	3,411	—	—	—	—	—
Blake (NY).....	—	—	—	6,141	—	—	—	—	—
Browns Falls (NY).....	—	—	—	2,673	—	—	—	—	—
Chasm (NY).....	—	—	—	1,748	—	—	—	—	—
Colton (NY).....	—	—	—	18,379	—	—	—	—	—
Deferiet (NY).....	—	—	—	4,378	—	—	—	—	—
Dunkirk (NY).....	298,422	489	—	—	—	—	112	1	—
Eagle (NY).....	—	—	—	1,650	—	—	—	—	—
East Norfolk (NY).....	—	—	—	2,295	—	—	—	—	—
Eel Weir (NY).....	—	—	—	446	—	—	—	—	—
Effley (NY).....	—	—	—	670	—	—	—	—	—
Elmer (NY).....	—	—	—	483	—	—	—	—	—
Ephratah (NY).....	—	—	—	639	—	—	—	—	—
Feeder Dam (NY).....	—	—	—	1,757	—	—	—	—	—
Five Falls (NY).....	—	—	—	9,659	—	—	—	—	—
Flat Rock (NY).....	—	—	—	648	—	—	—	—	—
Franklin (NY).....	—	—	—	530	—	—	—	—	—
Fulton (NY).....	—	—	—	640	—	—	—	—	—
Glenwood (NY).....	—	—	—	645	—	—	—	—	—
Granby (NY).....	—	—	—	615	—	—	—	—	—
Green Island (NY).....	—	—	—	1,721	—	—	—	—	—
Hannawa (NY).....	—	—	—	5,352	—	—	—	—	—
Herrings (NY).....	—	—	—	2,072	—	—	—	—	—
Heuvelton (NY).....	—	—	—	465	—	—	—	—	—
High Dam (NY).....	—	—	—	2,087	—	—	—	—	—
High Falls (NY).....	—	—	—	1,571	—	—	—	—	—
Higley (NY).....	—	—	—	2,355	—	—	—	—	—
Hogansburg (NY).....	—	—	—	111	—	—	—	—	—
Huntley, C R (NY).....	44,454	262	—	1,044	—	—	18	1	—
Hydraulic Race (NY).....	—	—	—	1,875	—	—	—	—	—
Inghams (NY).....	—	—	—	602	—	—	—	—	—
Johnsonville (NY).....	—	—	—	2,257	—	—	—	—	—
Kamargo (NY).....	—	—	—	736	—	—	—	—	—
Lighthouse Hill (NY).....	—	—	—	454	—	—	—	—	—
Macomb (NY).....	—	—	—	-21	—	—	—	—	—
Mechanicville (NY).....	—	—	—	1,800	—	—	—	—	—
Minetto (NY).....	—	—	—	1,744	—	—	—	—	—
Moshier (NY).....	—	—	—	—	649,607	—	—	*	—
Nine Mile Point (NY).....	—	16	—	—	—	—	—	—	—
Norfolk (NY).....	—	—	—	2,895	—	—	—	—	—
Norwood (NY).....	—	—	—	1,280	—	—	—	—	—
Oak Orchard (NY).....	—	—	—	210	—	—	—	—	—
Oswegatchie (NY).....	—	—	—	—	—	—	—	—	—
Oswego (NY).....	—	161,186	1,409	—	—	—	—	281	16
Oswego Falls Es (NY).....	—	—	—	1,653	—	—	—	—	—
Oswego Falls Ws (NY).....	—	—	—	93	—	—	—	—	—
Parishville (NY).....	—	—	—	1,376	—	—	—	—	—
Piercefield (NY).....	—	—	—	1,459	—	—	—	—	—
Prospect (NY).....	—	—	—	4,839	—	—	—	—	—
Rainbow (NY).....	—	—	—	9,758	—	—	—	—	—

See footnotes at end of table.



**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Niagara Mohawk Power Corp</b>									
Raymondville (NY) .....	—	—	—	1,316	—	—	—	—	—
Schaghticoke (NY).....	—	—	—	-2	—	—	—	—	—
School Street (NY) .....	—	—	—	10,877	—	—	—	—	—
Schuylerville (NY).....	—	—	—	349	—	—	—	—	—
Sewalls (NY).....	—	—	—	1,354	—	—	—	—	—
Sherman Island (NY).....	—	—	—	10,342	—	—	—	—	—
So Glens Falls (NY) .....	—	—	—	—	—	—	—	—	—
Soft Maple (NY).....	—	—	—	1,581	—	—	—	—	—
South Colton (NY).....	—	—	—	7,736	—	—	—	—	—
South Edwards (NY) .....	—	—	—	1,304	—	—	—	—	—
Spier Falls (NY).....	—	—	—	1,419	—	—	—	—	—
Stark (NY).....	—	—	—	9,433	—	—	—	—	—
Stewarts Bridge (NY).....	—	—	—	1,436	—	—	—	—	—
Stuyvesant Falls (NY) .....	—	—	—	—	—	—	—	—	—
Sugar Island (NY).....	—	—	—	2,947	—	—	—	—	—
Talleville (NY).....	—	—	—	97	—	—	—	—	—
Taylorville (NY) .....	—	—	—	612	—	—	—	—	—
Trenton (NY) .....	—	—	—	9,352	—	—	—	—	—
Varick (NY).....	—	—	—	915	—	—	—	—	—
Waterport (NY).....	—	—	—	1,020	—	—	—	—	—
West, E J (NY) .....	—	—	—	872	—	—	—	—	—
Yaleville (NY) .....	—	—	—	371	—	—	—	—	—
<b>North Atlantic Energy Corp.....</b>	—	—	—	—	<b>374,745</b>	—	—	—	—
Seabrook (NH).....	—	—	—	—	374,745	—	—	—	—
<b>Northeast Nucl Energy Co.....</b>	—	—	—	—	<b>195,690</b>	—	—	—	—
Millstone (CT) .....	—	—	—	—	195,690	—	—	—	—
<b>Northern Ind Pub Serv Co.....</b>	<b>1,183,602</b>	<b>36,344</b>	<b>10,914</b>	<b>6,564</b>	—	—	<b>667</b>	—	<b>122</b>
Bailey (IN).....	236,783	—	4,339	—	—	—	116	—	45
Michigan City (IN).....	91,477	—	1,929	—	—	—	54	—	22
Mitchell, Dean H (IN).....	146,318	—	2,225	—	—	—	91	—	26
Norway (IN).....	—	—	—	3,341	—	—	—	—	—
Oakdale (IN).....	—	—	—	3,223	—	—	—	—	—
Schahfer, R. M. (IN).....	709,024	36,344	2,421	—	—	—	406	—	29
<b>Northern States Power Co.....</b>	<b>1,943,734</b>	<b>65,927</b>	<b>28,221</b>	<b>132,634</b>	<b>579,676</b>	<b>36,950</b>	<b>1,153</b>	<b>5</b>	<b>400</b>
Angus Anson (SD).....	—	—	11,029	—	—	—	—	—	190
Apple River (WI).....	—	—	—	1,374	—	—	—	—	—
Bay Front (WI).....	9,800	—	1,843	—	—	9,577	7	—	30
Big Falls (WI).....	—	—	—	4,614	—	—	—	—	—
Black Dog (MN).....	141,996	—	7,366	—	—	—	89	—	78
Blue Lake (MN).....	—	112	—	—	—	—	—	1	—
Cedar Falls (WI).....	—	—	—	4,120	—	—	—	—	—
Chippewa Falls (WI) .....	—	—	—	11,160	—	—	—	—	—
Cornell (WI).....	—	—	—	15,018	—	—	—	—	—
Dells (WI) .....	—	—	—	4,402	—	—	—	—	—
Flambeau (WI).....	—	—	-7	—	—	—	—	—	—
French Island (WI).....	—	-39	5	—	—	5,048	—	—	*
Granite City (MN) .....	—	—	—	—	—	—	—	—	—
Hayward (WI).....	—	—	—	138	—	—	—	—	—
Hennepin Island (MN).....	—	—	—	5,882	—	—	—	—	—
High Bridge (MN).....	114,844	—	2,294	—	—	—	72	—	24
Holcombe (WI).....	—	—	—	17,466	—	—	—	—	—
Inver Hills (MN).....	—	—	3,228	—	—	—	—	—	44
Jim Falls (WI).....	—	—	—	25,062	—	—	—	—	—
Key City (MN).....	—	—	-10	—	—	—	—	—	1
King (MN).....	253,730	43,918	164	—	—	—	146	—	2
Ladysmith (WI).....	—	—	—	1,598	—	—	—	—	—
Menomonie (WI).....	—	—	—	2,896	—	—	—	—	—
Minnesota Valley (MN).....	—	—	-35	—	—	—	—	—	—
Monticello (MN).....	—	—	—	—	147,832	—	—	—	—
Pathfinder (SD).....	—	—	-103	—	—	—	—	—	—
Prairie Island (MN).....	—	—	—	—	431,844	—	—	—	—
Redwing (MN).....	—	—	186	—	—	11,821	—	—	3
Riverdale (WI).....	—	—	—	360	—	—	—	—	—
Riverside (MN).....	188,867	19,999	1,809	—	—	—	114	*	19
Saxon Falls (MI).....	—	—	—	1,141	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Northern States Power Co</b>									
Sherburne County (MN).....	1,234,497	1,752	—	—	—	—	725	3	—
St Croix Falls (WI).....	—	—	—	13,629	—	—	—	—	—
Superior Falls (MI).....	—	—	—	1,388	—	—	—	—	—
Thornapple (WI).....	—	—	—	877	—	—	—	—	—
Trego (WI).....	—	—	—	795	—	—	—	—	—
West Faribault (MN).....	—	—	-1	—	—	—	—	—	*
Wheaton (WI).....	—	185	330	—	—	—	—	1	7
White River (WI).....	—	—	—	429	—	—	—	—	—
Wilmarth (MN).....	—	—	123	—	—	10,504	—	—	2
Wissota (WI).....	—	—	—	20,285	—	—	—	—	—
<b>Northwestern Pub Serv Co</b>									
Aberdeen (SD).....	—	-36	-59	—	—	—	—	*	1
Clark (SD).....	—	9	—	—	—	—	—	*	—
Faulkton (SD).....	—	-4	—	—	—	—	—	*	—
Huron (SD).....	—	-12	—	—	—	—	—	—	—
Highmore (SD).....	—	—	—	—	—	—	—	—	—
Mobile (SD).....	—	—	-45	—	—	—	—	—	1
Redfield (SD).....	—	-5	—	—	—	—	—	—	—
Webster (SD).....	—	-4	-9	—	—	—	—	*	*
Yankton New (SD).....	—	-17	—	—	—	—	—	—	—
Yankton New (SD).....	—	-3	-5	—	—	—	—	*	*
<b>Oakdale South San Joaquin</b>									
Beardsley (CA).....	—	—	—	83,463	—	—	—	—	—
Donnels (CA).....	—	—	—	8,010	—	—	—	—	—
Sand Bar (CA).....	—	—	—	50,730	—	—	—	—	—
Tulloch (CA).....	—	—	—	12,299	—	—	—	—	—
Tulloch (CA).....	—	—	—	12,424	—	—	—	—	—
<b>Oglethorpe Power Corp</b>									
Rocky Mountain (GA).....	—	—	—	-39,690	—	—	—	—	—
Tallassee (GA).....	—	—	—	-39,782	—	—	—	—	—
Tallassee (GA).....	—	—	—	92	—	—	—	—	—
<b>Ohio Edison Co</b>									
Burger, R E (OH).....	1,511,909	1,125	8,729	—	—	—	613	4	338
Edgewater (OH).....	131,429	271	—	—	—	—	58	1	—
Gorge Steam (OH).....	—	5	8,729	—	—	—	—	3	338
Mad River (OH).....	—	—	—	—	—	—	—	—	—
Niles (OH).....	—	-34	—	—	—	—	—	—	—
Sammis (OH).....	60,192	44	—	—	—	—	29	*	—
West Lorain (OH).....	1,320,288	839	—	—	—	—	527	1	—
West Lorain (OH).....	—	—	—	—	—	—	—	—	—
<b>Ohio Power Co</b>									
Gavin, Gen J M (OH).....	3,123,849	7,859	—	24,782	—	—	1,306	13	—
Kammer (WV).....	1,607,956	406	—	—	—	—	698	1	—
Mitchell (WV).....	355,949	278	—	—	—	—	139	*	—
Muskingum River (OH).....	549,199	5,224	—	—	—	—	217	9	—
Racine (OH).....	610,745	1,951	—	—	—	—	251	3	—
Tidd (OH).....	—	—	—	24,782	—	—	—	—	—
Tidd (OH).....	—	—	—	—	—	—	—	—	—
<b>Ohio Valley Elec Corp</b>									
Kyger Creek (OH).....	653,430	582	—	—	—	—	230	1	—
Kyger Creek (OH).....	653,430	582	—	—	—	—	230	1	—
<b>Oklahoma Gas &amp; Elec Co</b>									
Arbuckle (OK).....	1,050,707	96	609,932	—	—	—	639	*	6,041
Conoco (OK).....	—	—	—	—	—	—	—	—	—
Enid (OK).....	—	—	47,572	—	—	—	—	—	393
Horseshoe Lake (OK).....	—	—	4	—	—	—	—	—	*
Muskogee (OK).....	—	—	89,511	—	—	—	—	—	644
Mustang (OK).....	530,423	—	30,518	—	—	—	331	—	362
Seminole (OK).....	—	—	116,264	—	—	—	—	—	1,111
Sooner (OK).....	—	—	326,061	—	—	—	—	—	3,531
Woodward (OK).....	520,284	96	—	—	—	—	307	*	—
Woodward (OK).....	—	—	2	—	—	—	—	—	*
<b>Oklahoma Mun Power Authority</b>									
Kaw Hydro (OK).....	—	—	12,447	19,969	—	—	—	—	102
Ponca Steam (OK).....	—	—	—	19,969	—	—	—	—	—
Ponca Steam (OK).....	—	—	—	—	—	—	—	—	—
Ponca Steam (OK).....	—	—	12,447	—	—	—	—	—	102

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Omaha Public Power Dist.....</b>	<b>616,707</b>	<b>11</b>	<b>2,262</b>	—	<b>358,955</b>	—	<b>395</b>	*	<b>49</b>
Fort Calhoun (NE).....	—	—	—	—	358,955	—	—	—	—
Jones Street (NE).....	—	-74	—	—	—	—	—	—	—
Nebraska City (NE).....	418,605	85	—	—	—	—	260	*	—
North Omaha (NE).....	198,102	—	2,160	—	—	—	135	—	45
Sarpy (NE).....	—	—	102	—	—	—	—	—	3
<b>Orange &amp; Rockland Util Inc.....</b>	<b>114,326</b>	<b>91,680</b>	<b>362,898</b>	<b>8,075</b>	—	—	<b>47</b>	<b>151</b>	<b>3,653</b>
Bowline Point (NY).....	—	91,680	313,440	—	—	—	—	151	3,119
Grahamsville (NY).....	—	—	—	7,082	—	—	—	—	—
Hillburn (NY).....	—	—	—	—	—	—	—	—	—
Lovett (NY).....	114,326	—	47,813	—	—	—	47	—	501
Mongaup (NY).....	—	—	—	251	—	—	—	—	—
Rio (NY).....	—	—	—	438	—	—	—	—	—
Shoemaker (NY).....	—	—	1,645	—	—	—	—	—	32
Swinging Bridge 1 (NY).....	—	—	—	371	—	—	—	—	—
Swinging Bridge 2 (NY).....	—	—	—	-67	—	—	—	—	—
<b>Orlando (City of).....</b>	<b>506,710</b>	<b>30,742</b>	<b>162,483</b>	—	—	—	<b>185</b>	<b>52</b>	<b>1,740</b>
Indian River (FL).....	—	29,260	162,469	—	—	—	—	50	1,740
St Cloud (FL).....	—	8	14	—	—	—	—	*	*
Stanton (FL).....	506,710	1,474	—	—	—	—	185	2	—
<b>Oroville Wyandotte I Dist.....</b>	—	—	—	<b>76,888</b>	—	—	—	—	—
Forbestown (CA).....	—	—	—	24,127	—	—	—	—	—
Kelly Ridge (CA).....	—	—	—	8,100	—	—	—	—	—
Sly Creek (CA).....	—	—	—	5,954	—	—	—	—	—
Woodleaf (CA).....	—	—	—	38,707	—	—	—	—	—
<b>Orrville (City of).....</b>	<b>22,562</b>	—	<b>40</b>	—	—	—	<b>16</b>	—	*
Orrville (OH).....	22,562	—	40	—	—	—	16	—	*
<b>Otter Tail Power Co.....</b>	<b>369,692</b>	<b>414</b>	—	<b>2,331</b>	—	—	<b>212</b>	<b>1</b>	—
Bemidji (MN).....	—	—	—	314	—	—	—	—	—
Big Stone (SD).....	307,777	311	—	—	—	—	174	1	—
Dayton Hollow (MN).....	—	—	—	762	—	—	—	—	—
Hoot Lake (MN).....	61,915	74	—	193	—	—	38	*	—
Jamestown (ND).....	—	11	—	—	—	—	—	*	—
Lake Preston (SD).....	—	18	—	—	—	—	—	*	—
Pisgah (MN).....	—	—	—	472	—	—	—	—	—
Port 148 (MN).....	—	—	—	—	—	—	—	—	—
Taplin Gorge (MN).....	—	—	—	344	—	—	—	—	—
Wright (MN).....	—	—	—	246	—	—	—	—	—
<b>Owensboro (City of).....</b>	<b>253,963</b>	<b>88</b>	—	—	—	—	<b>122</b>	*	—
Elmer Smith (KY).....	253,963	88	—	—	—	—	122	*	—
<b>Pacific Gas &amp; Electric Co.....</b>	—	<b>1,285</b>	<b>102,588</b>	<b>1,120,888</b>	<b>1,700,163</b>	<b>128</b>	—	<b>6</b>	<b>1,316</b>
Alta (CA).....	—	—	—	56	—	—	—	—	—
Balch 1 (CA).....	—	—	—	7,381	—	—	—	—	—
Balch 2 (CA).....	—	—	—	49,459	—	—	—	—	—
Belden (CA).....	—	—	—	13,384	—	—	—	—	—
Black, James B (CA).....	—	—	—	80,899	—	—	—	—	—
Bucks Creek (CA).....	—	—	—	23,187	—	—	—	—	—
Butt Valley (CA).....	—	—	—	9,967	—	—	—	—	—
Caribou 1 (CA).....	—	—	—	2,252	—	—	—	—	—
Caribou 2 (CA).....	—	—	—	27,927	—	—	—	—	—
Centerville (CA).....	—	—	—	3,385	—	—	—	—	—
Chili Bar (CA).....	—	—	—	6,871	—	—	—	—	—
Coal Canyon (CA).....	—	—	—	584	—	—	—	—	—
Coleman (CA).....	—	—	—	8,475	—	—	—	—	—
Contra Costa (CA).....	—	—	—	—	—	—	—	—	—
Cow Creek (CA).....	—	—	—	1,498	—	—	—	—	—
Crane Valley (CA).....	—	—	—	101	—	—	—	—	—
Cresta (CA).....	—	—	—	50,196	—	—	—	—	—
De Sabla (CA).....	—	—	—	5,237	—	—	—	—	—
Deer Creek (CA).....	—	—	—	1,596	—	—	—	—	—
Diablo Canyon (CA).....	—	—	—	—	1,700,163	—	—	—	—
Downville (CA).....	—	-5	—	—	—	—	—	—	—
Drum 1 (CA).....	—	—	—	22,358	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Pacific Gas &amp; Electric Co</b>									
Drum 2 (CA).....	—	—	—	32,518	—	—	—	—	—
Dutch Flat (CA).....	—	—	—	12,947	—	—	—	—	—
El Dorado (CA).....	—	—	—	—	—	—	—	—	—
Electra (CA).....	—	—	—	53,286	—	—	—	—	—
Haas (CA).....	—	—	—	28,583	—	—	—	—	—
Halsey (CA).....	—	—	—	6,552	—	—	—	—	—
Hamilton Branch (CA).....	—	—	—	3,902	—	—	—	—	—
Hat Creek 1 (CA).....	—	—	—	3,753	—	—	—	—	—
Hat Creek 2 (CA).....	—	—	—	5,298	—	—	—	—	—
Helms (CA).....	—	—	—	-73,520	—	—	—	—	—
Hercules St (CA).....	—	—	—	—	—	—	—	—	—
Humbolt Bay (CA).....	—	1,250	13,863	—	—	—	—	3	213
Hunters Point (CA).....	—	40	88,725	—	—	—	—	3	1,103
Inskip (CA).....	—	—	—	5,682	—	—	—	—	—
Kerckhoff (CA).....	—	—	—	4,919	—	—	—	—	—
Kerckhoff 2 (CA).....	—	—	—	50,277	—	—	—	—	—
Kern Canyon (CA).....	—	—	—	7,078	—	—	—	—	—
Kilarc (CA).....	—	—	—	2,267	—	—	—	—	—
Kings River (CA).....	—	—	—	17,252	—	—	—	—	—
Lime Saddle (CA).....	—	—	—	796	—	—	—	—	—
Merced Falls (CA).....	—	—	—	2,076	—	—	—	—	—
Mobile Turbine (CA).....	—	—	—	—	—	—	—	—	—
Narrows (CA).....	—	—	—	2,579	—	—	—	—	—
Newcastle (CA).....	—	—	—	1,543	—	—	—	—	—
Oak Flat (CA).....	—	—	—	843	—	—	—	—	—
Phoenix (CA).....	—	—	—	1,294	—	—	—	—	—
Pit 1 (CA).....	—	—	—	39,748	—	—	—	—	—
Pit 3 (CA).....	—	—	—	41,547	—	—	—	—	—
Pit 4 (CA).....	—	—	—	54,810	—	—	—	—	—
Pit 5 (CA).....	—	—	—	112,107	—	—	—	—	—
Pit 6 (CA).....	—	—	—	46,350	—	—	—	—	—
Pit 7 (CA).....	—	—	—	62,561	—	—	—	—	—
Pittsburg (CA).....	—	—	—	—	—	—	—	—	—
Poe (CA).....	—	—	—	45,490	—	—	—	—	—
Potrero (CA).....	—	—	—	—	—	—	—	—	—
Potter Valley (CA).....	—	—	—	4,129	—	—	—	—	—
PVUSA 1 (CA).....	—	—	—	—	—	128	—	—	—
Rock Creek (CA).....	—	—	—	73,246	—	—	—	—	—
Salt Springs (CA).....	—	—	—	29,711	—	—	—	—	—
San Joaquin No. 1a (CA).....	—	—	—	216	—	—	—	—	—
San Joaquin No. 2 (CA).....	—	—	—	335	—	—	—	—	—
San Joaquin 3 (CA).....	—	—	—	403	—	—	—	—	—
South (CA).....	—	—	—	5,064	—	—	—	—	—
Spaulding No. 1 (CA).....	—	—	—	3,364	—	—	—	—	—
Spaulding No. 2 (CA).....	—	—	—	1,945	—	—	—	—	—
Spaulding No. 3 (CA).....	—	—	—	4,925	—	—	—	—	—
Spring Gap (CA).....	—	—	—	4,687	—	—	—	—	—
Stanislaus (CA).....	—	—	—	41,818	—	—	—	—	—
The Geysers (CA).....	—	—	—	—	—	—	—	—	—
Tiger Creek (CA).....	—	—	—	30,715	—	—	—	—	—
Toadtown (CA).....	—	—	—	544	—	—	—	—	—
Tule River (CA).....	—	—	—	4,245	—	—	—	—	—
Volta (CA).....	—	—	—	5,406	—	—	—	—	—
Volta 2 (CA).....	—	—	—	623	—	—	—	—	—
West Point (CA).....	—	—	—	6,832	—	—	—	—	—
Wise (CA).....	—	—	—	9,307	—	—	—	—	—
Wishon, A G (CA).....	—	—	—	6,022	—	—	—	—	—
<b>Pacificorp.....</b>	<b>4,160,943</b>	<b>4,110</b>	<b>10,360</b>	<b>568,541</b>	—	<b>13,708</b>	<b>2,332</b>	<b>8</b>	<b>159</b>
American Fork (UT).....	—	—	—	—	—	—	—	—	—
Ashton (ID).....	—	—	—	5,189	—	—	—	—	—
Beaver Upper (UT).....	—	—	—	1,505	—	—	—	—	—
Bend (OR).....	—	—	—	580	—	—	—	—	—
Big Fork (MT).....	—	—	—	1,800	—	—	—	—	—
Blundell (UT).....	—	—	—	—	—	13,708	—	—	—
Bridger, Jim (WY).....	1,305,151	1,642	—	—	—	—	747	3	—
Carbon (UT).....	57,376	625	—	—	—	—	29	1	—
Centralia (WA).....	709,509	528	—	—	—	—	467	1	—
Clearwater 1 (OR).....	—	—	—	7,818	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Pacificorp</b>									
Clearwater 2 (OR) .....	—	—	—	12,116	—	—	—	—	—
Cline Falls (OR).....	—	—	—	370	—	—	—	—	—
Condit (WA) .....	—	—	—	10,869	—	—	—	—	—
Copco 1 (CA).....	—	—	—	15,210	—	—	—	—	—
Copco 2 (CA).....	—	—	—	18,342	—	—	—	—	—
Cove (ID).....	—	—	—	5,419	—	—	—	—	—
Cutler (UT).....	—	—	—	21,254	—	—	—	—	—
Eagle Point (OR) .....	—	—	—	1,502	—	—	—	—	—
East Side (OR).....	—	—	—	799	—	—	—	—	—
Fall Creek (CA).....	—	—	—	719	—	—	—	—	—
Fish Creek (OR).....	—	—	—	8,634	—	—	—	—	—
Ftn Green (UT).....	—	—	—	101	—	—	—	—	—
Gadsby (UT).....	—	—	9,919	—	—	—	—	—	134
Grace (ID).....	—	—	—	22,305	—	—	—	—	—
Granite (UT).....	—	—	—	-2	—	—	—	—	—
Hunter (emery) (UT) .....	711,145	634	—	—	—	—	330	1	—
Huntington Canyon (UT).....	630,410	106	—	—	—	—	269	*	—
Hydro No. 1 (UT).....	—	—	—	205	—	—	—	—	—
Hydro No. 2 (UT).....	—	—	—	152	—	—	—	—	—
Hydro No. 3 (UT).....	—	—	—	189	—	—	—	—	—
Iron Gate (CA).....	—	—	—	10,822	—	—	—	—	—
John C Boyle (OR).....	—	—	—	51,786	—	—	—	—	—
Johnston, Dave (WY).....	341,658	408	—	—	—	—	241	1	—
Last Chance (UT).....	—	—	—	965	—	—	—	—	—
Lemolo 1 (OR).....	—	—	—	13,041	—	—	—	—	—
Lemolo 2 (OR).....	—	—	—	21,832	—	—	—	—	—
Little Mountain (UT).....	—	—	-121	—	—	—	—	—	20
Merwin (WA).....	—	—	—	51,034	—	—	—	—	—
Naches (WA) .....	—	—	—	2,821	—	—	—	—	—
Naches Drop (WA).....	—	—	—	805	—	—	—	—	—
Naughton (WY) .....	232,317	—	562	—	—	—	121	—	6
Olmstead (UT).....	—	—	—	5,289	—	—	—	—	—
Oneida (ID).....	—	—	—	13,390	—	—	—	—	—
Paris (ID).....	—	—	—	359	—	—	—	—	—
Pioneer (UT).....	—	—	—	4,145	—	—	—	—	—
Powerdale (OR) .....	—	—	—	4,887	—	—	—	—	—
Prospect 1 (OR) .....	—	—	—	3,440	—	—	—	—	—
Prospect 2 (OR) .....	—	—	—	26,710	—	—	—	—	—
Prospect 3 (OR) .....	—	—	—	5,507	—	—	—	—	—
Prospect 4 (OR).....	—	—	—	624	—	—	—	—	—
Skookumchuck (WA).....	—	—	—	—	—	—	—	—	—
Slide Creek (OR) .....	—	—	—	11,878	—	—	—	—	—
Snake Creek (UT).....	—	—	—	344	—	—	—	—	—
Soda (ID).....	—	—	—	5,455	—	—	—	—	—
Soda Springs (OR).....	—	—	—	8,448	—	—	—	—	—
St Anthony (ID).....	—	—	—	334	—	—	—	—	—
Stairs (UT) .....	—	—	—	985	—	—	—	—	—
Swift No. 2 (WA).....	—	—	—	24,298	—	—	—	—	—
Swift 1 (WA).....	—	—	—	74,909	—	—	—	—	—
Toketee (OR).....	—	—	—	30,537	—	—	—	—	—
Viva (WY) .....	—	—	—	-9	—	—	—	—	—
Wallowa Falls (OR).....	—	—	—	783	—	—	—	—	—
Weber (UT).....	—	—	—	2,423	—	—	—	—	—
West Side (OR).....	—	—	—	532	—	—	—	—	—
Wyodak (WY).....	173,377	167	—	—	—	—	129	*	—
Yale (WA).....	—	—	—	55,091	—	—	—	—	—
<b>Painesville (City of).....</b>	<b>12,819</b>	<b>3</b>	<b>78</b>	—	—	—	<b>7</b>	<b>*</b>	<b>1</b>
Painesville (OH).....	12,819	3	78	—	—	—	7	*	1
<b>Pasadena (City of).....</b>	—	—	<b>9,576</b>	<b>315</b>	—	—	—	—	<b>137</b>
Azusa (CA) .....	—	—	—	315	—	—	—	—	—
Broadway (CA).....	—	—	9,466	—	—	—	—	—	135
Glenarm (CA) .....	—	—	110	—	—	—	—	—	2
<b>Peabody (City of) .....</b>	—	—	<b>847</b>	—	—	—	—	—	<b>10</b>
Waters River (MA).....	—	—	847	—	—	—	—	—	10
<b>Pend Oreille Pub Util D #1.....</b>	—	—	—	<b>29,557</b>	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Pend Oreille Pub Util D #1</b>									
Box Canyon (WA).....	—	—	—	29,218	—	—	—	—	—
Calispel Creek (WA).....	—	—	—	339	—	—	—	—	—
<b>Pennsylvania Electric Co.....</b>	<b>2,154,868</b>	<b>5,598</b>	<b>2,990</b>	<b>5,086</b>	—	—	<b>819</b>	<b>10</b>	<b>33</b>
Blossburg (PA).....	—	—	44	—	—	—	—	—	1
Conemaugh (PA).....	1,218,310	44	746	—	—	—	449	*	7
Deep Creek (MD).....	—	—	—	1,152	—	—	—	—	—
Homer City (PA).....	—	—	—	—	—	—	—	—	—
Keystone (PA).....	626,741	3,375	—	—	—	—	244	6	—
Piney (PA).....	—	—	—	4,499	—	—	—	—	—
Seneca (PA).....	—	—	—	-565	—	—	—	—	—
Seward (PA).....	27,126	200	—	—	—	—	11	*	—
Shawville (PA).....	276,270	1,392	—	—	—	—	111	2	—
Warren (PA).....	6,421	6	2,200	—	—	—	4	*	26
Wayne (PA).....	—	581	—	—	—	—	—	2	—
<b>Pennsylvania Power Co.....</b>	<b>799,880</b>	<b>2,179</b>	—	—	—	—	<b>354</b>	<b>3</b>	—
Mansfield, Bruce (PA).....	744,939	2,069	—	—	—	—	328	2	—
New Castle (PA).....	54,941	110	—	—	—	—	26	*	—
<b>Pennsylvania Pwr &amp; Lgt Co.....</b>	<b>1,042,091</b>	<b>36,903</b>	<b>8,596</b>	<b>49,394</b>	<b>1,483,795</b>	—	<b>410</b>	<b>83</b>	<b>123</b>
Allentown (PA).....	—	—	—	—	—	—	—	—	—
Brunner Island (PA).....	509,702	3,061	—	—	—	—	201	8	—
Coal Storage (PA).....	—	—	—	—	—	—	—	—	—
Fishbach (PA).....	—	36	—	—	—	—	—	2	—
Harrisburg (PA).....	—	—	—	—	—	—	—	—	—
Harwood (PA).....	—	—	—	—	—	—	—	—	—
Holtwood (PA).....	—	—	—	48,039	—	—	—	—	—
Jenkins (PA).....	—	—	—	—	—	—	—	—	—
Loch Haven (PA).....	—	—	—	—	—	—	—	—	—
Martins Creek (PA).....	13,117	31,513	8,596	—	—	—	7	69	123
Montour (PA).....	411,191	557	—	—	—	—	149	3	—
Sunbury (PA).....	108,081	1,736	—	—	—	—	53	1	—
Susquehanna (PA).....	—	—	—	—	1,483,795	—	—	—	—
Wallenpaupack (PA).....	—	—	—	1,355	—	—	—	—	—
West Shore (PA).....	—	—	—	—	—	—	—	—	—
Williamsport (PA).....	—	—	—	—	—	—	—	—	—
<b>Piqua (City of).....</b>	<b>-43</b>	<b>-38</b>	—	—	—	—	—	*	—
Piqua (OH).....	-43	-38	—	—	—	—	—	*	—
<b>Placer County Wtr Agency.....</b>									
French Meadows (CA).....	—	—	—	94,046	—	—	—	—	—
Hell Hole (CA).....	—	—	—	1,387	—	—	—	—	—
Middle Fork (CA).....	—	—	—	212	—	—	—	—	—
Oxbow (CA).....	—	—	—	31,291	—	—	—	—	—
Ralston (CA).....	—	—	—	4,181	—	—	—	—	—
—	—	—	—	56,975	—	—	—	—	—
<b>Plains El Gen Trans Coop.....</b>	<b>157,417</b>	—	—	—	—	—	<b>94</b>	—	—
Algodones (NM).....	—	—	—	—	—	—	—	—	—
Escalante (NM).....	157,417	—	—	—	—	—	94	—	—
<b>Platte River Power Auth.....</b>	<b>172,132</b>	<b>143</b>	—	—	—	—	<b>102</b>	*	—
Rawhide (CO).....	172,132	143	—	—	—	—	102	*	—
<b>Portland General Elec Co.....</b>	<b>157,058</b>	<b>200</b>	<b>245,300</b>	<b>284,371</b>	—	—	<b>92</b>	<b>1</b>	<b>2,039</b>
Beaver (OR).....	—	—	107,608	—	—	—	—	—	1,038
Bethel (OR).....	—	—	—	—	—	—	—	—	—
Boardman (OR).....	157,058	200	—	—	—	—	92	1	—
Bull Run (OR).....	—	—	—	12,974	—	—	—	—	—
Coyote Springs (OR).....	—	—	137,692	—	—	—	—	—	1,001
Faraday (OR).....	—	—	—	26,447	—	—	—	—	—
North Fork (OR).....	—	—	—	32,654	—	—	—	—	—
Oak Grove (OR).....	—	—	—	28,164	—	—	—	—	—
Pelton (OR).....	—	—	—	41,322	—	—	—	—	—
Pelton Re Regulation (OR).....	—	—	—	8,257	—	—	—	—	—
Portland Hydro Proj 1 (OR).....	—	—	—	12,274	—	—	—	—	—
Portland Hydro Proj 2 (OR).....	—	—	—	—	—	—	—	—	—
River Mill (OR).....	—	—	—	16,606	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Portland General Elec Co</b>									
Round Butte (OR).....	—	—	—	94,981	—	—	—	—	—
Sullivan (OR).....	—	—	—	10,692	—	—	—	—	—
<b>Potomac Edison Co (The) .....</b>	<b>33,124</b>	<b>57</b>	<b>—</b>	<b>3,028</b>	<b>—</b>	<b>—</b>	<b>14</b>	<b>*</b>	<b>—</b>
Dam 4 (WV).....	—	—	—	698	—	—	—	—	—
Dam 5 (WV).....	—	—	—	614	—	—	—	—	—
Luray (VA).....	—	—	—	331	—	—	—	—	—
Millville (WV).....	—	—	—	613	—	—	—	—	—
Newport (VA).....	—	—	—	400	—	—	—	—	—
Shenandoah (VA).....	—	—	—	111	—	—	—	—	—
Smith, R P (MD).....	33,124	57	—	—	—	—	14	*	—
Warren (VA).....	—	—	—	261	—	—	—	—	—
<b>Potomac Electric Pwr Co.....</b>	<b>867,622</b>	<b>296,407</b>	<b>34,803</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>324</b>	<b>542</b>	<b>414</b>
Benning (DC).....	—	772	—	—	—	—	—	3	—
Buzzard Point (DC).....	—	1,064	—	—	—	—	—	4	—
Chalk Point (MD).....	172,121	287,986	34,803	—	—	—	62	521	414
Dickerson (MD).....	245,561	1,410	—	—	—	—	87	2	—
Morgantown (MD).....	180,547	4,104	—	—	—	—	61	10	—
Potomac River (VA).....	269,393	1,071	—	—	—	—	114	2	—
<b>Power Authy of St of N Y.....</b>	<b>—</b>	<b>3,131</b>	<b>122,619</b>	<b>1,563,718</b>	<b>1,330,380</b>	<b>—</b>	<b>—</b>	<b>9</b>	<b>1,015</b>
Ashokan (NY).....	—	—	—	2,218	—	—	—	—	—
Blenheim (NY).....	—	—	—	-59,547	—	—	—	—	—
Crescent (NY).....	—	—	—	3,026	—	—	—	—	—
Fitzpatrick (NY).....	—	—	—	—	610,090	—	—	—	—
Flynn (NY).....	—	31	97,408	—	—	—	—	*	755
Hinckley (NY).....	—	—	—	2,780	—	—	—	—	—
Indian Point (NY).....	—	—	—	—	720,290	—	—	—	—
Kensico (NY).....	—	—	—	241	—	—	—	—	—
Lewiston (NY).....	—	—	—	-34,486	—	—	—	—	—
Moses Niagara (NY).....	—	—	—	1,125,028	—	—	—	—	—
Moses Power Dam (NY).....	—	—	—	521,477	—	—	—	—	—
Poletti (NY).....	—	3,100	25,211	—	—	—	—	9	260
Vischer Ferry (NY).....	—	—	—	2,981	—	—	—	—	—
<b>Pub Serv Co of New Hamp .....</b>	<b>233,521</b>	<b>201,144</b>	<b>17</b>	<b>33,139</b>	<b>—</b>	<b>—</b>	<b>92</b>	<b>349</b>	<b>16</b>
Amoskeag (NH).....	—	—	—	10,163	—	—	—	—	—
Ayers Island (NH).....	—	—	—	4,818	—	—	—	—	—
Canaan (VT).....	—	—	—	413	—	—	—	—	—
Eastman Falls (NH).....	—	—	—	2,865	—	—	—	—	—
Garvins Falls (NH).....	—	—	—	4,770	—	—	—	—	—
Gorham (NH).....	—	—	—	893	—	—	—	—	—
Hooksett (NH).....	—	—	—	854	—	—	—	—	—
Jackman (NH).....	—	—	—	96	—	—	—	—	—
Lost Nation (NH).....	—	46	—	—	—	—	—	*	—
Merrimack (NH).....	201,188	8	—	—	—	—	76	*	—
Newington (NH).....	—	198,018	—	—	—	—	—	342	—
Schiller (NH).....	32,333	3,077	17	—	—	—	16	6	16
Smith (NH).....	—	—	—	8,267	—	—	—	—	—
White Lake (NH).....	—	-5	—	—	—	—	—	—	—
<b>Pub Serv Co of New Mexico.....</b>	<b>1,069,274</b>	<b>2,321</b>	<b>7,676</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>599</b>	<b>4</b>	<b>102</b>
Las Vegas (NM).....	—	-8	—	—	—	—	—	—	—
Reeves (NM).....	—	—	7,676	—	—	—	—	—	102
San Juan (NM).....	1,069,274	2,329	—	—	—	—	599	4	—
<b>Public Serv Elec &amp; Gas Co.....</b>	<b>103,639</b>	<b>-1,514</b>	<b>168,325</b>	<b>—</b>	<b>1,483,500</b>	<b>—</b>	<b>43</b>	<b>1</b>	<b>1,551</b>
Bayonne (NJ).....	—	-12	—	—	—	—	—	—	—
Bergen (NJ).....	—	—	115,286	—	—	—	—	—	947
Burlington (NJ).....	—	-59	17,998	—	—	—	—	1	159
Edison (NJ).....	—	—	4,806	—	—	—	—	—	68
Essex (NJ).....	—	—	5,261	—	—	—	—	—	66
Hope Creek (NJ).....	—	—	—	—	767,837	—	—	—	—
Hudson (NJ).....	16,971	—	2,953	—	—	—	8	—	53
Kearny (NJ).....	—	-874	-96	—	—	—	—	*	—
Linden (NJ).....	—	-612	8,030	—	—	—	—	—	93
Mercer (NJ).....	86,668	46	14,137	—	—	—	35	*	152
National Park (NJ).....	—	-4	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Public Serv Elec &amp; Gas Co</b>									
Salem (NJ).....	—	7	—	—	715,663	—	—	*	—
Sewaren (NJ).....	—	-6	-50	—	—	—	—	—	12
<b>Public Service Co of Colo</b> .....	<b>1,348,869</b>	<b>1,036</b>	<b>205,227</b>	<b>7,616</b>	—	—	<b>767</b>	<b>2</b>	<b>1,670</b>
Alamosa (CO).....	—	38	231	—	—	—	—	*	6
Ames (CO).....	—	—	—	1,965	—	—	—	—	—
Arapahoe (CO).....	84,563	—	1,691	—	—	—	60	—	36
Boulder Hydro (CO).....	—	—	—	1,679	—	—	—	—	—
Cabin Creek (CO).....	—	—	—	-12,563	—	—	—	—	—
Cameo (CO).....	43,496	—	152	—	—	—	25	—	2
Cherokee (CO).....	353,622	—	4,205	—	—	—	157	—	43
Comanche (CO).....	373,840	—	850	—	—	—	234	—	9
Fort Lupton (CO).....	—	—	2,354	—	—	—	—	—	24
Fort St. Vrain (CO).....	—	—	194,494	—	—	—	—	—	1,525
Fruita (CO).....	—	3	50	—	—	—	—	*	2
Georgetown Hydro (CO).....	—	—	—	716	—	—	—	—	—
Hayden (CO).....	156,732	883	451	—	—	—	82	2	5
Palisade Hydro (CO).....	—	—	—	1,501	—	—	—	—	—
Pawnee (CO).....	336,616	—	136	—	—	—	210	—	1
Salida No. 1 Hydro (CO).....	—	—	—	459	—	—	—	—	—
Salida No. 2 Hydro (CO).....	—	—	—	300	—	—	—	—	—
Shoshone Hydro (CO).....	—	—	—	11,084	—	—	—	—	—
Tacoma (CO).....	—	—	—	2,475	—	—	—	—	—
Valmont (CO).....	—	1	31	—	—	—	—	*	1
Zuni (CO).....	—	111	582	—	—	—	—	*	17
<b>Public Service Co of Okla</b> .....	<b>504,350</b>	<b>9</b>	<b>679,753</b>	—	—	—	<b>304</b>	<b>*</b>	<b>6,648</b>
Comanche (OK).....	—	—	152,032	—	—	—	—	—	1,281
Northeastern (OK).....	504,350	—	84,713	—	—	—	304	—	853
Riverside (OK).....	—	—	345,085	—	—	—	—	—	3,444
Southwestern (OK).....	—	—	81,251	—	—	—	—	—	860
Tulsa (OK).....	—	9	16,054	—	—	—	—	*	193
Weleetka (OK).....	—	—	618	—	—	—	—	—	17
<b>Puget Sound Pwr &amp; Lgt Co</b> .....	—	<b>51</b>	<b>45,255</b>	<b>143,217</b>	—	—	—	<b>*</b>	<b>518</b>
Crystal Mountain (WA).....	—	2	—	—	—	—	—	*	—
Electron (WA).....	—	—	—	12,564	—	—	—	—	—
Frederickson (WA).....	—	—	—	—	—	—	—	—	—
Fredonia (WA).....	—	—	35,691	—	—	—	—	—	405
Lower Baker (WA).....	—	—	—	37,943	—	—	—	—	—
Nooksack (WA).....	—	—	—	—	—	—	—	—	—
Snoqualmie (WA).....	—	—	—	29,682	—	—	—	—	—
South Whidbey (WA).....	—	—	—	—	—	—	—	—	—
Upper Baker (WA).....	—	—	—	35,805	—	—	—	—	—
White River (WA).....	—	—	—	27,223	—	—	—	—	—
Whitehorn (WA).....	—	49	9,564	—	—	—	—	*	113
<b>PECO Energy Co</b> .....	<b>171,315</b>	<b>39,386</b>	<b>17,272</b>	<b>56,570</b>	<b>2,624,406</b>	—	<b>80</b>	<b>80</b>	<b>207</b>
Chester (PA).....	—	44	—	—	—	—	—	*	—
Conowingo (MD).....	—	—	—	89,784	—	—	—	—	—
Cromby (PA).....	—	14,321	1,762	—	—	—	—	26	20
Croydon (PA).....	—	-12	—	—	—	—	—	1	—
Delaware (PA).....	—	774	—	—	—	—	—	4	—
Eddystone (PA).....	171,315	22,878	15,510	—	—	—	80	45	187
Falls (PA).....	—	67	—	—	—	—	—	*	—
Limerick (PA).....	—	—	—	—	986,550	—	—	—	—
Moser (PA).....	—	81	—	—	—	—	—	*	—
Muddy Run (PA).....	—	—	—	-33,214	—	—	—	—	—
Oil Storage (PA).....	—	—	—	—	—	—	—	—	—
Peach Bottom (PA).....	—	—	—	—	1,637,856	—	—	—	—
Richmond (PA).....	—	57	—	—	—	—	—	*	—
Schuylkill (PA).....	—	1,037	—	—	—	—	—	3	—
Southwark (PA).....	—	139	—	—	—	—	—	*	—
<b>PSI Energy, Inc</b> .....	<b>2,742,039</b>	<b>7,739</b>	<b>3,100</b>	<b>51,752</b>	—	—	<b>1,267</b>	<b>15</b>	<b>39</b>
Cayuga (IN).....	532,810	616	3,100	—	—	—	243	2	39
Connerville (IN).....	—	230	—	—	—	—	—	1	—
Edwardsport (IN).....	54,525	352	—	—	—	—	34	1	—
Gallagher, R (IN).....	239,168	2,244	—	—	—	—	105	4	—

See footnotes at end of table.



**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>PSI Energy, Inc</b>									
Gibson (IN).....	1,623,171	3,725	—	—	—	—	739	7	—
Markland (IN).....	—	—	—	51,752	—	—	—	—	—
Miami Wabash (IN).....	—	-32	—	—	—	—	—	—	—
Noblesville (IN).....	21,276	83	—	—	—	—	14	*	—
Wabash River (IN).....	271,089	521	—	—	—	—	133	1	—
<b>Redding (City of).....</b>									
Redding Power (CA).....	—	—	233	2,745	—	—	—	—	3
Whiskeytown (CA).....	—	—	—	2,745	—	—	—	—	3
<b>Reliant Energy.....</b>									
Bertron, Sam (TX).....	2,221,227	235	2,691,145	—	1,798,313	—	1,511	1	27,033
Cedar Bayou (TX).....	—	—	100,912	—	—	—	—	—	1,195
Clarke, Hiram (TX).....	—	—	805,432	—	—	—	—	—	7,898
Deepwater (TX).....	—	—	430	—	—	—	—	—	7
Greens Bayou (TX).....	—	235	15,716	—	—	—	—	—	194
Limestone (TX).....	675,677	—	84,894	—	—	—	1	—	940
Oil Storage (TX).....	—	—	19,363	—	—	—	547	—	206
Parish, W A (TX).....	1,545,550	—	—	—	—	—	964	—	—
Robinson, P H (TX).....	—	—	299,046	—	—	—	—	—	3,018
San Jacinto (TX).....	—	—	916,007	—	—	—	—	—	9,174
South Texas (TX).....	—	—	117,570	—	1,798,313	—	—	—	1,382
Webster (TX).....	—	—	—	—	—	—	—	—	—
Wharton, T H (TX).....	—	—	112,761	—	—	—	—	—	1,196
	—	—	219,014	—	—	—	—	—	1,823
<b>Richmond (City of).....</b>									
Whitewater Valley (IN).....	57,857	22	—	—	—	—	29	*	—
	57,857	22	—	—	—	—	29	*	—
<b>Rochester (City of).....</b>									
Cascade Creek (MN).....	20,717	27	863	1,878	—	—	11	*	9
Rochester (MN).....	—	27	—	1,878	—	—	—	—	—
Silver Lake (MN).....	20,717	—	863	—	—	—	11	—	9
<b>Rochester Gas &amp; Elec Corp.....</b>									
Ginna (NY).....	67,051	875	—	13,085	344,255	—	28	2	—
Station 160 (NY).....	—	—	—	—	344,255	—	—	—	—
Station 170 (NY).....	—	—	—	—	—	—	—	—	—
Station 172 (NY).....	—	—	—	—	—	—	—	—	—
Station 2 (NY).....	—	—	—	2,337	—	—	—	—	—
Station 26 (NY).....	—	—	—	1,177	—	—	—	—	—
Station 3 (NY).....	—	—	—	—	—	—	—	—	—
Station 5 (NY).....	—	—	—	9,571	—	—	—	—	—
Station 7 (NY).....	67,051	875	—	—	—	—	28	2	—
Station 9 (NY).....	—	—	—	—	—	—	—	—	—
<b>Ruston (City of).....</b>									
Ruston (LA).....	—	—	8,832	—	—	—	—	—	31
	—	—	8,832	—	—	—	—	—	31
<b>Sacramento Mun Util Dist.....</b>									
Camino (CA).....	—	—	161,670	300,012	—	597	—	—	1,463
Camp Far W (CA).....	—	—	—	52,856	—	—	—	—	—
Campbell Soup (CA).....	—	—	—	5,026	—	—	—	—	—
Carson (CA).....	—	—	88,949	—	—	—	—	—	662
Coldwater Creek (CA).....	—	—	26,449	—	—	—	—	—	302
Hedge PV (CA).....	—	—	—	—	—	50	—	—	—
Jaybird (CA).....	—	—	—	75,655	—	—	—	—	—
Jones Fork (CA).....	—	—	—	3,117	—	—	—	—	—
Loon Lake (CA).....	—	—	—	18,423	—	—	—	—	—
McClellan (CA).....	—	—	-39	—	—	—	—	—	—
Proc&Gamble (CA).....	—	—	46,311	—	—	—	—	—	499
Robbs Peak (CA).....	—	—	—	14,472	—	—	—	—	—
Slab Creek (CA).....	—	—	—	—	—	—	—	—	—
Solano (CA).....	—	—	—	—	—	344	—	—	—
Solar (CA).....	—	—	—	—	—	203	—	—	—
Union Valley (CA).....	—	—	—	18,251	—	—	—	—	—
White Rock (CA).....	—	—	—	112,212	—	—	—	—	—
<b>Safe Harbor Water Power Corp.....</b>									
Safe Harbor (PA).....	—	—	—	53,179	—	—	—	—	—
	—	—	—	53,179	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Salt River Project</b> .....	<b>1,884,578</b>	<b>2,948</b>	<b>140,478</b>	<b>40,668</b>	—	—	<b>888</b>	<b>5</b>	<b>1,446</b>
Agua Fria (AZ).....	—	—	85,200	—	—	—	—	—	906
Coronado (AZ).....	396,058	1,362	—	—	—	—	205	2	—
Crosscut (AZ).....	—	—	—	433	—	—	—	—	—
Horse Mesa (AZ).....	—	—	—	19,452	—	—	—	—	—
Kyrene (AZ).....	—	100	3,497	—	—	—	—	*	54
Mormon Flat (AZ).....	—	—	—	10,223	—	—	—	—	—
Navajo (AZ).....	1,488,520	1,468	—	—	—	—	683	3	—
Roosevelt (AZ).....	—	—	—	6,977	—	—	—	—	—
San Tan (AZ).....	—	18	51,781	—	—	—	—	*	486
South Con (AZ).....	—	—	—	326	—	—	—	—	—
Stewart Mtn (AZ).....	—	—	—	3,257	—	—	—	—	—
Tnk Frm Stg (AZ).....	—	—	—	—	—	—	—	—	—
<b>San Antonio Pub Serv Brd</b> .....	<b>750,675</b>	<b>163</b>	<b>504,724</b>	—	—	—	<b>457</b>	<b>*</b>	<b>5,174</b>
Braunig, V H (TX).....	—	—	209,830	—	—	—	—	—	2,166
Deely, J T (TX).....	550,290	29	—	—	—	—	343	*	—
J K Spruce (TX).....	200,385	—	1,150	—	—	—	113	—	13
Leon Creek (TX).....	—	—	462	—	—	—	—	—	7
Mission Road (TX).....	—	—	909	—	—	—	—	—	28
Sommers, O W (TX).....	—	134	287,082	—	—	—	—	*	2,888
Tuttle, W B (TX).....	—	—	5,291	—	—	—	—	—	73
<b>San Diego Gas &amp; Elec Co</b> .....	—	<b>1,145</b>	<b>189,632</b>	—	—	—	—	<b>3</b>	<b>2,111</b>
Division (CA).....	—	357	—	—	—	—	—	1	—
El Cajon (CA).....	—	—	435	—	—	—	—	—	10
Encina (CA).....	—	—	175,580	—	—	—	—	—	1,885
Kearny (CA).....	—	8	6,930	—	—	—	—	*	115
Leased Strg (CA).....	—	—	—	—	—	—	—	—	—
Miramar (CA).....	—	—	3,007	—	—	—	—	—	49
Naval Station (CA).....	—	—	2,130	—	—	—	—	—	27
Naval Training Cntr (CA).....	—	—	1,265	—	—	—	—	—	20
North Island (CA).....	—	780	285	—	—	—	—	2	5
Silver Gate (CA).....	—	—	—	—	—	—	—	—	—
South Bay (CA).....	—	—	—	—	—	—	—	—	—
<b>San Miguel Elec Coop Inc</b> .....	<b>285,110</b>	<b>75</b>	—	—	—	—	<b>315</b>	<b>*</b>	—
San Miguel (TX).....	285,110	75	—	—	—	—	315	*	—
<b>Santa Clara (City of)</b> .....	—	—	<b>5,155</b>	<b>2,534</b>	—	—	—	—	<b>77</b>
Black Butte (CA).....	—	—	—	—	—	—	—	—	—
Cogen Plant (CA).....	—	—	5,081	—	—	—	—	—	74
Gianera (CA).....	—	—	74	—	—	—	—	—	3
Grizzly (CA).....	—	—	—	1,131	—	—	—	—	—
Highline (CA).....	—	—	—	216	—	—	—	—	—
Stony Gorge (CA).....	—	—	—	1,187	—	—	—	—	—
<b>Savannah Elec &amp; Pwr Co</b> .....	<b>148,458</b>	<b>1,210</b>	<b>32,803</b>	—	—	—	<b>71</b>	<b>5</b>	<b>443</b>
Boulevard (GA).....	—	—	—	—	—	—	—	—	—
Kraft (GA).....	87,346	604	16,399	—	—	—	40	4	186
McIntosh (GA).....	61,112	606	16,111	—	—	—	32	1	252
Riverside (GA).....	—	—	293	—	—	—	—	—	6
<b>Seattle (City of)</b> .....	—	—	—	<b>825,366</b>	—	—	—	—	—
Boundary (WA).....	—	—	—	586,218	—	—	—	—	—
Cedar Falls (WA).....	—	—	—	7,794	—	—	—	—	—
Diablo (WA).....	—	—	—	78,487	—	—	—	—	—
Gorge (WA).....	—	—	—	93,815	—	—	—	—	—
New Halem (WA).....	—	—	—	-9	—	—	—	—	—
Ross Dam (WA).....	—	—	—	52,009	—	—	—	—	—
South Fork Tolt (WA).....	—	—	—	7,052	—	—	—	—	—
<b>Seminole Electric Coop</b> .....	<b>750,078</b>	<b>63,373</b>	—	—	—	—	<b>301</b>	<b>1</b>	—
Seminole (FL).....	750,078	63,373	—	—	—	—	301	1	—
<b>Sierra Pacific Power Co</b> .....	<b>161,102</b>	<b>519</b>	<b>285,607</b>	<b>4,697</b>	—	—	<b>73</b>	<b>1</b>	<b>2,884</b>
Battle Mt (NV).....	—	-30	—	—	—	—	—	*	—
Brunswick (NV).....	—	-8	—	—	—	—	—	*	—
Elko (NV).....	—	—	—	—	—	—	—	—	—
Fallon (NV).....	—	-1	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Sierra Pacific Power Co</b>									
Farad (CA).....	—	—	—	-6	—	—	—	—	—
Fleish (NV).....	—	—	—	1,998	—	—	—	—	—
Fort Churchill (NV).....	—	—	98,803	—	—	—	—	—	998
Gabbs (NV).....	—	-2	—	—	—	—	—	*	—
Kings Beach (CA).....	—	-8	—	—	—	—	—	*	—
Lahontan (NV).....	—	—	—	—	—	—	—	—	—
North Valmy (NV).....	161,102	386	—	—	—	—	73	1	—
Pinon Pine (NV).....	—	—	66,231	—	—	—	—	—	634
Portola (CA).....	—	-8	—	—	—	—	—	*	—
Tracy (NV).....	—	200	120,601	—	—	—	—	*	1,251
Valley Road (NV).....	—	-10	—	—	—	—	—	*	—
Verdi (NV).....	—	—	—	1,283	—	—	—	—	—
Washoe (NV).....	—	—	—	1,423	—	—	—	—	—
Winnemucca (NV).....	—	—	-28	—	—	—	—	—	*
26 Foot Drop (NV).....	—	—	—	-1	—	—	—	—	—
<b>Sikeston (City of)</b>									
Sikeston (MO).....	161,073	55	—	—	—	—	102	*	—
Coleman, E. P. (MO).....	—	7	—	—	—	—	—	*	—
Sikeston (MO).....	161,073	48	—	—	—	—	102	*	—
<b>So Carolina Elec &amp; Gas Co.....</b>									
Burton (SC).....	1,393,615	5,253	3,979	-18,790	351,911	—	545	9	43
Canadys (SC).....	—	—	23	—	—	—	—	—	1
Canadys (SC).....	112,288	2,384	1,500	—	—	—	47	4	15
Coit (SC).....	—	—	—	—	—	—	—	—	—
Columbia Hydro (SC).....	—	—	—	3,685	—	—	—	—	—
Cope (SC).....	268,942	15	—	—	—	—	101	*	—
Faber Place (SC).....	—	—	—	—	—	—	—	—	—
Fairfield County (SC).....	—	—	—	-36,112	—	—	—	—	—
Hagood (SC).....	—	—	844	—	—	—	—	—	11
Hardeeville (SC).....	—	—	—	—	—	—	—	—	—
Mcmeekin (SC).....	162,212	202	380	—	—	—	60	*	4
Neal Shoals (SC).....	—	—	—	2,107	—	—	—	—	—
Parr (SC).....	—	—	—	—	—	—	—	—	—
Parr Hydro (SC).....	—	—	—	5,815	—	—	—	—	—
Saluda Hydro (SC).....	—	—	—	401	—	—	—	—	—
Stevens Creek Hydro (GA).....	—	—	—	5,314	—	—	—	—	—
SRS (SC).....	10,857	100	—	—	—	—	14	*	—
Urquhart (SC).....	124,194	24	1,101	—	—	—	52	*	11
V. C. Summer (SC).....	—	—	—	—	351,911	—	—	—	—
Wateree (SC).....	347,952	1,216	—	—	—	—	133	2	—
Williams (SC).....	367,170	1,312	131	—	—	—	137	2	1
<b>So Carolina Pub Serv Auth.....</b>									
Cross (SC).....	1,428,141	12,330	238	26,433	—	—	547	26	5
Grainger, Dolphus M (SC).....	658,501	807	—	—	—	—	242	1	—
Hilton Head (SC).....	87,186	91	—	—	—	—	35	*	—
Jefferies (SC).....	—	1,057	—	—	—	—	—	3	—
Myrtle Beach (SC).....	146,216	9,319	—	17,503	—	—	63	20	—
Spillway (SC).....	—	245	238	—	—	—	—	1	5
St Stephens (SC).....	—	—	—	1,494	—	—	—	—	—
Winyah (SC).....	536,238	811	—	7,436	—	—	207	1	—
<b>Somerset Operations Inc.....</b>									
Somerset (MA).....	71,108	792	—	—	—	—	26	1	—
<b>South Miss Elec Pwr Assoc.....</b>									
Benndale (MS).....	170,697	465	51,627	—	—	—	76	1	609
Morrow (MS).....	—	—	—	—	—	—	—	—	—
Moselle (MS).....	—	—	51,627	—	—	—	—	—	609
Paulding (MS).....	—	—	—	—	—	—	—	—	—
<b>Southern Calif Edison Co.....</b>									
Baker Dam (CA).....	558,990	2,436	14,330	496,299	1,294,626	—	263	4	144
Big Creek 1 (CA).....	—	—	—	31,043	—	—	—	—	—
Big Creek 2 (CA).....	—	—	—	120,200	—	—	—	—	—
Big Creek 2a (CA).....	—	—	—	3,762	—	—	—	—	—
Big Creek 3 (CA).....	—	—	—	62,383	—	—	—	—	—
Big Creek 4 (CA).....	—	—	—	21,467	—	—	—	—	—
Big Creek 8 (CA).....	—	—	—	26,634	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Southern Calif Edison Co</b>									
Bishop Creek 2 (CA).....	—	—	—	3,388	—	—	—	—	—
Bishop Creek 3 (CA).....	—	—	—	—	—	—	—	—	—
Bishop Creek 4 (CA).....	—	—	—	5,623	—	—	—	—	—
Bishop Creek 5 (CA).....	—	—	—	1,814	—	—	—	—	—
Bishop Creek 6 (CA).....	—	—	—	1,266	—	—	—	—	—
Borel (CA).....	—	—	—	7,325	—	—	—	—	—
Dominguez Hills (CA).....	—	—	—	—	—	—	—	—	—
Eastwood (CA).....	—	—	—	22,353	—	—	—	—	—
Fontana (CA).....	—	—	—	584	—	—	—	—	—
Kaweah 1 (CA).....	—	—	—	1,411	—	—	—	—	—
Kaweah 2 (CA).....	—	—	—	1,489	—	—	—	—	—
Kaweah 3 (CA).....	—	—	—	2,719	—	—	—	—	—
Kern River 1 (CA).....	—	—	—	18,516	—	—	—	—	—
Kern River 3 (CA).....	—	—	—	26,027	—	—	—	—	—
Lundy (CA).....	—	—	—	1,757	—	—	—	—	—
Lytle Creek (CA).....	—	—	—	330	—	—	—	—	—
Mammoth Pool (CA).....	—	—	—	115,638	—	—	—	—	—
Mill Creek 1 (CA).....	—	—	—	779	—	—	—	—	—
Mill Creek 2&3 (CA).....	—	—	—	—	—	—	—	—	—
Mill Creek 3 (CA).....	—	—	—	951	—	—	—	—	—
Mohave (NV).....	558,990	—	14,330	—	—	—	263	—	144
Ontario 1 (CA).....	—	—	—	287	—	—	—	—	—
Ontario 2 (CA).....	—	—	—	135	—	—	—	—	—
Pebbly Beach (CA).....	—	2,436	—	—	—	—	—	4	—
Poole (CA).....	—	—	—	6,033	—	—	—	—	—
Portal (CA).....	—	—	—	5,108	—	—	—	—	—
Rush Creek (CA).....	—	—	—	4,107	—	—	—	—	—
San Geronio (CA).....	—	—	—	-1	—	—	—	—	—
San Geronio (CA).....	—	—	—	—	—	—	—	—	—
San Onofre (CA).....	—	—	—	—	1,294,626	—	—	—	—
Santa Ana 1 (CA).....	—	—	—	1,072	—	—	—	—	—
Santa Ana 3 (CA).....	—	—	—	—	—	—	—	—	—
Sierra (CA).....	—	—	—	254	—	—	—	—	—
Tule River (CA).....	—	—	—	1,845	—	—	—	—	—
<b>Southern Ill Pwr Coop</b> .....	<b>137,097</b>	<b>888</b>	—	—	—	—	<b>78</b>	<b>2</b>	—
Marion (IL).....	137,097	888	—	—	—	—	78	2	—
<b>Southern Indiana G &amp; E Co</b> .....	<b>495,663</b>	—	<b>6,852</b>	—	—	—	<b>233</b>	—	<b>79</b>
A. B. Brown (IN).....	270,729	—	4,542	—	—	—	125	—	47
Broadway (IN).....	—	—	1,243	—	—	—	—	—	20
Culley (IN).....	146,794	—	844	—	—	—	72	—	9
Northeast (IN).....	—	—	—	—	—	—	—	—	—
Warrick (IN).....	78,140	—	223	—	—	—	36	—	2
<b>Southwestern Elec Pwr Co</b> .....	<b>1,241,115</b>	<b>5,356</b>	<b>460,332</b>	—	—	—	<b>867</b>	<b>17</b>	<b>4,753</b>
Arsenal Hill (LA).....	—	—	15,290	—	—	—	—	—	181
Flint Creek (AR).....	96,958	930	—	—	—	—	59	2	—
Knox Lee (TX).....	—	—	96,851	—	—	—	—	—	999
Lieberman (LA).....	—	1,062	65,334	—	—	—	—	2	718
Lone Star (TX).....	—	—	1,958	—	—	—	—	—	26
Pirkey (TX).....	460,925	—	1,387	—	—	—	390	—	14
Welsh (TX).....	683,232	3,364	—	—	—	—	418	14	—
Wilkes (TX).....	—	—	279,512	—	—	—	—	—	2,815
<b>Southwestern Pub Serv Co</b> .....	<b>1,322,816</b>	—	<b>440,555</b>	—	—	—	<b>842</b>	—	<b>4,716</b>
Carlsbad (NM).....	—	—	94	—	—	—	—	—	9
Cunningham (NM).....	—	—	84,482	—	—	—	—	—	817
Harrington (TX).....	632,440	—	846	—	—	—	417	—	10
Jones (TX).....	—	—	172,599	—	—	—	—	—	1,872
Maddox (NM).....	—	—	51,181	—	—	—	—	—	520
Moore County (TX).....	—	—	-85	—	—	—	—	—	—
Nichols (TX).....	—	—	96,453	—	—	—	—	—	1,063
Plant X (TX).....	—	—	34,968	—	—	—	—	—	426
Riverview (TX).....	—	—	—	—	—	—	—	—	—
Tolk Station (TX).....	690,376	—	17	—	—	—	425	—	*
Tucumcari (NM).....	—	—	—	—	—	—	—	—	—
<b>Springfield (City of)</b> .....	<b>147,525</b>	<b>1,854</b>	<b>6,387</b>	—	—	—	<b>82</b>	<b>4</b>	<b>79</b>

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Springfield (City of)</b>									
Dallman (IL).....	135,975	206	—	—	—	—	74	*	—
Factory (IL).....	—	—	—	—	—	—	—	—	—
Interstate (IL).....	—	1,600	6,387	—	—	—	—	4	79
Lakeside (IL).....	11,550	48	—	—	—	—	8	*	—
Reynolds (IL).....	—	—	—	—	—	—	—	*	—
<b>Springfield (City of)</b> .....	<b>192,681</b>	<b>123</b>	<b>9,758</b>	—	—	—	<b>120</b>	<b>*</b>	<b>109</b>
James River (MO).....	91,060	—	6,599	—	—	—	56	—	72
Main Street (MO).....	—	10	—	—	—	—	—	*	—
Southwest (MO).....	101,621	113	3,159	—	—	—	64	*	37
<b>St Joseph Lgt &amp; Pwr Co.</b> .....	<b>31,213</b>	<b>80</b>	<b>2,317</b>	—	—	—	<b>22</b>	<b>*</b>	<b>55</b>
Lake Road (MO).....	31,213	80	2,317	—	—	—	22	*	55
<b>Sunflower Elec Coop</b> .....	<b>212,123</b>	—	<b>3,731</b>	—	—	—	<b>128</b>	—	<b>48</b>
Garden City (KS).....	—	—	988	—	—	—	—	—	19
Holcomb (KS).....	212,123	—	2,743	—	—	—	128	—	30
<b>Superior Wtr Lt Pwr Co.</b> .....	—	—	—	—	—	—	—	—	—
Winslow (WI).....	—	—	—	—	—	—	—	—	—
<b>Systems Energy Resources Inc</b> .....	—	—	—	—	<b>924,481</b>	—	—	—	—
Grand Gulf (MS).....	—	—	—	—	924,481	—	—	—	—
<b>Tacoma (City of)</b> .....	—	—	—	<b>188,010</b>	—	—	—	—	—
Alder (WA).....	—	—	—	20,845	—	—	—	—	—
Cushman 1 (WA).....	—	—	—	8,412	—	—	—	—	—
Cushman 2 (WA).....	—	—	—	14,312	—	—	—	—	—
La Grande (WA).....	—	—	—	29,583	—	—	—	—	—
Mayfield (WA).....	—	—	—	51,856	—	—	—	—	—
Mossyrock (WA).....	—	—	—	63,002	—	—	—	—	—
Steam Plant 2 (WA).....	—	—	—	—	—	—	—	—	—
Wynoochee (WA).....	—	—	—	—	—	—	—	—	—
<b>Tallahassee (City of)</b> .....	—	—	<b>149,691</b>	<b>148</b>	—	—	—	—	<b>1,552</b>
Hopkins, Arvah B (FL).....	—	—	131,883	—	—	—	—	—	1,353
Jackson Bluff (FL).....	—	—	—	148	—	—	—	—	—
Purdum, S O (FL).....	—	—	17,808	—	—	—	—	—	199
<b>Tampa Electric Co</b> .....	<b>1,230,507</b>	<b>48,454</b>	—	—	—	—	<b>606</b>	<b>111</b>	—
Big Bend (FL).....	899,586	6,108	—	—	—	—	411	16	—
Coal Storage (FL).....	—	—	—	—	—	—	—	—	—
Gannon, F J (FL).....	293,211	1,085	—	—	—	—	175	3	—
Hookers Point (FL).....	—	26,128	—	—	—	—	—	65	—
Polk (FL).....	37,710	14,356	—	—	—	—	20	25	—
S Dinner Lk (FL).....	—	—	—	—	—	—	—	—	—
S Phillips (FL).....	—	777	—	—	—	—	—	2	—
<b>Taunton (City of)</b> .....	—	<b>19</b>	<b>15,990</b>	—	—	—	—	<b>*</b>	<b>174</b>
Cleary, B F (MA).....	—	19	15,990	—	—	—	—	*	174
<b>Tennessee Valley Auth.</b> .....	<b>7,299,406</b>	<b>37,315</b>	<b>13,741</b>	<b>642,773</b>	<b>3,541,479</b>	—	<b>3,219</b>	<b>75</b>	<b>170</b>
Allen (TN).....	265,266	700	4,097	—	—	—	132	2	58
Apalachia (TN).....	—	—	—	5,397	—	—	—	—	—
Blue Ridge (GA).....	—	—	—	830	—	—	—	—	—
Boone (TN).....	—	—	—	5,525	—	—	—	—	—
Browns Ferry (AL).....	—	—	—	—	1,344,797	—	—	—	—
Bull Run (TN).....	-5,004	—	—	—	—	—	—	—	—
Chatuge (NC).....	—	—	—	622	—	—	—	—	—
Cherokee (TN).....	—	—	—	2,665	—	—	—	—	—
Chickamauga (TN).....	—	—	—	44,408	—	—	—	—	—
Colbert (AL).....	369,117	5,116	9,644	—	—	—	167	10	112
Cumberland (TN).....	1,271,359	3,183	—	—	—	—	532	5	—
Douglas (TN).....	—	—	—	—	—	—	—	—	—
Fontana (NC).....	—	—	—	15,233	—	—	—	—	—
Fort Loudoun (TN).....	—	—	—	30,536	—	—	—	—	—
Fort Patrick Henry (TN).....	—	—	—	3,691	—	—	—	—	—
Gallatin (TN).....	619,889	17,934	—	—	—	—	305	39	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Tennessee Valley Auth</b>									
Great Falls (TN).....	—	—	—	16,103	—	—	—	—	—
Guntersville (AL).....	—	—	—	40,436	—	—	—	—	—
Hiwassee (NC).....	—	—	—	-3,544	—	—	—	—	—
Johnsonville (TN).....	688,880	5,702	—	—	—	—	311	11	—
Kentucky (KY).....	—	—	—	99,018	—	—	—	—	—
Kingston (TN).....	791,457	1,712	—	—	—	—	312	3	—
Melton Hill (TN).....	—	—	—	3,676	—	—	—	—	—
Nickajack (TN).....	—	—	—	32,936	—	—	—	—	—
Norris (TN).....	—	—	—	6,498	—	—	—	—	—
Nottely (GA).....	—	—	—	123	—	—	—	—	—
Ocoee 1 (TN).....	—	—	—	5,102	—	—	—	—	—
Ocoee 2 (TN).....	—	—	—	6,508	—	—	—	—	—
Ocoee 3 (TN).....	—	—	—	8,877	—	—	—	—	—
Paradise (KY).....	1,194,252	494	—	—	—	—	536	1	—
Pickwick (TN).....	—	—	—	81,183	—	—	—	—	—
Raccoon Mountain (TN).....	—	—	—	-61,396	—	—	—	—	—
Sequoyah (TN).....	—	—	—	—	1,357,324	—	—	—	—
Sevier, John (TN).....	496,748	194	—	—	—	—	190	*	—
Shawnee (KY).....	635,744	1,970	—	—	—	—	297	3	—
South Holston (TN).....	—	—	—	2,375	—	—	—	—	—
Tims Ford (TN).....	—	—	—	2,836	—	—	—	—	—
Watauga (TN).....	—	—	—	4,266	—	—	—	—	—
Watts Bar (TN).....	-91	—	—	—	—	—	—	—	—
Watts Bar (TN).....	—	—	—	43,649	—	—	—	—	—
Watts Bar (TN).....	—	—	—	—	839,358	—	—	—	—
Wheeler (AL).....	—	—	—	86,139	—	—	—	—	—
Widows Creek (AL).....	971,789	310	—	—	—	—	436	1	—
Wilbur (TN).....	—	—	—	657	—	—	—	—	—
Wilson (AL).....	—	—	—	158,424	—	—	—	—	—
<b>Terrebonne Parish Consol</b>									
Govt.....	—	-28	2,587	—	—	—	—	—	40
Houma (LA).....	—	-28	2,587	—	—	—	—	—	40
<b>Texas Mun Power Agency.....</b>									
Gibbons Creek (TX).....	230,523	—	967	—	—	—	143	—	10
<b>Texas Utilities Elec Co.....</b>									
Big Brown (TX).....	3,372,457	4,792	2,886,286	—	1,656,163	—	2,853	9	29,061
Collin (TX).....	416,237	—	4,473	—	—	—	348	—	48
Comanche Peak (TX).....	—	—	8,350	—	—	—	—	—	109
De Cordova (TX).....	—	—	224,874	—	1,656,163	—	—	—	—
Eagle Mountain (TX).....	—	—	36,854	—	—	—	—	—	494
Graham (TX).....	—	—	294,574	—	—	—	—	—	2,805
Handley (TX).....	—	—	229,838	—	—	—	—	—	2,291
Lake Creek (TX).....	—	1	18,839	—	—	—	—	*	223
Lake Hubbard (TX).....	—	—	213,304	—	—	—	—	—	2,201
Martin Lake (TX).....	1,524,677	405	—	—	—	—	1,291	1	—
Monticello (TX).....	1,021,488	4,357	—	—	—	—	912	8	—
Morgan Creek (TX).....	—	—	339,497	—	—	—	—	—	2,801
Mountain Creek (TX).....	—	—	188,794	—	—	—	—	—	2,006
North Lake (TX).....	—	—	79,802	—	—	—	—	—	841
North Main (TX).....	—	—	-158	—	—	—	—	—	26
Parkdale (TX).....	—	—	8,400	—	—	—	—	—	148
Permian Basin (TX).....	—	—	275,289	—	—	—	—	—	2,748
River Crest (TX).....	—	—	747	—	—	—	—	—	18
Sandow (TX).....	410,055	22	—	—	—	—	302	*	—
Stryker Creek (TX).....	—	—	207,622	—	—	—	—	—	2,182
Tradinghouse Creek (TX).....	—	—	538,872	—	—	—	—	—	5,505
Trinidad (TX).....	—	7	22,681	—	—	—	—	*	244
Valley (TX).....	—	—	193,634	—	—	—	—	—	2,084
<b>Texas-New Mexico Power Co</b>									
Lordsburg (NM).....	180,609	—	493	—	—	—	153	—	6
TNP One (TX).....	180,609	—	493	—	—	—	153	—	6
<b>Toledo Edison Co (The).....</b>									
Acme (OH).....	303,364	128	—	—	440,798	—	177	*	—
Bay Shore (OH).....	303,364	128	—	—	—	—	177	*	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Toledo Edison Co (The)</b>									
Davis-Besse (OH).....	—	—	—	—	440,798	—	—	—	—
Richland (OH).....	—	—	—	—	—	—	—	—	—
Stryker (OH).....	—	—	—	—	—	—	—	—	—
<b>Tri-state G &amp; T Assn Inc.....</b>	<b>777,035</b>	<b>1,864</b>	<b>2,814</b>	—	—	—	<b>393</b>	<b>5</b>	<b>27</b>
Burlington (CO).....	—	1,187	—	—	—	—	—	3	—
Craig (CO).....	723,593	—	2,814	—	—	—	363	—	27
Nucla (CO).....	53,442	677	—	—	—	—	30	2	—
<b>Tucson Electric Power Co.....</b>	<b>450,681</b>	<b>1,388</b>	<b>49,651</b>	—	—	—	<b>239</b>	<b>2</b>	<b>583</b>
De Moss Petrie (AZ).....	—	—	—	—	—	—	—	—	—
Irvington (AZ).....	29,913	—	49,406	—	—	—	14	—	578
North Loop (AZ).....	—	—	245	—	—	—	—	—	5
Springerville (AZ).....	420,768	1,388	—	—	—	—	225	2	—
<b>Turlock Irrigation Dist.....</b>	—	—	<b>1,861</b>	<b>65,622</b>	—	—	—	—	<b>19</b>
Almond (CA).....	—	—	1,894	—	—	—	—	—	19
Hickman (CA).....	—	—	—	703	—	—	—	—	—
Lagrange (CA).....	—	—	—	2,785	—	—	—	—	—
New Don Pedro (CA).....	—	—	—	59,078	—	—	—	—	—
Turlock Lake (CA).....	—	—	—	1,396	—	—	—	—	—
Uppr Dawson (CA).....	—	—	—	1,660	—	—	—	—	—
Walnut (CA).....	—	—	-33	—	—	—	—	—	—
<b>Union Electric Co.....</b>	<b>2,043,273</b>	<b>2,037</b>	<b>5,485</b>	<b>215,564</b>	<b>847,696</b>	<b>1,610</b>	<b>1,221</b>	<b>5</b>	<b>78</b>
Callaway (MO).....	—	—	—	—	847,696	—	—	—	—
Howard Bend (MO).....	—	6	—	—	—	—	—	*	—
Jefferson City (MO).....	—	23	—	—	—	—	—	*	—
Keokuk (IA).....	—	—	—	67,007	—	—	—	—	—
Kirksville (MO).....	—	—	-3	—	—	—	—	—	—
Labadie (MO).....	913,808	1,211	—	—	—	—	554	2	—
Meramec (MO).....	258,147	—	5,212	—	—	—	145	—	59
Mexico (MO).....	—	-12	—	—	—	—	—	*	—
Moberly (MO).....	—	50	—	—	—	—	—	*	—
Moreau (MO).....	—	45	—	—	—	—	—	*	—
Osage (MO).....	—	—	—	148,598	—	—	—	—	—
Portable (MO).....	—	—	—	—	—	—	—	—	—
Rush Island (MO).....	694,187	175	—	—	—	—	421	*	—
Sioux (MO).....	177,131	440	—	—	—	1,610	101	1	—
Taum Sauk (MO).....	—	—	—	-41	—	—	—	—	—
Venice No. 2 (IL).....	—	99	269	—	—	—	—	1	19
Viaduct (MO).....	—	—	7	—	—	—	—	—	*
<b>United Illuminating Co.....</b>	—	—	—	—	—	—	—	—	—
Bridgeport Harbor (CT).....	—	—	—	—	—	—	—	—	—
English (CT).....	—	—	—	—	—	—	—	—	—
New Haven Harbor (CT).....	—	—	—	—	—	—	—	—	—
<b>United Power Assn.....</b>	<b>110,683</b>	<b>39</b>	—	—	—	<b>17,952</b>	<b>90</b>	<b>*</b>	<b>7</b>
Cambridge (MN).....	—	—	—	—	—	—	—	—	—
Elk River (MN).....	—	—	—	—	—	17,952	—	—	7
Maple Lake (MN).....	—	—	—	—	—	—	—	—	—
Rock Lake (MN).....	—	—	—	—	—	—	—	—	—
Stanton (ND).....	110,683	39	—	—	—	—	90	*	—
<b>Utilicorp United Inc.....</b>	<b>249,761</b>	<b>255</b>	<b>4,946</b>	—	—	—	<b>123</b>	<b>*</b>	<b>21</b>
Green, Ralph (MO).....	—	—	1,257	—	—	—	—	—	18
Greenwood (MO).....	—	—	3,700	—	—	—	—	—	3
Kci (MO).....	—	—	-11	—	—	—	—	—	—
Nevada (MO).....	—	-13	—	—	—	—	—	—	—
Sibley (MO).....	249,761	268	—	—	—	—	123	*	—
<b>UtiliCorp United Inc.....</b>	<b>20,813</b>	<b>-26</b>	<b>62,388</b>	—	—	—	<b>12</b>	<b>*</b>	<b>790</b>
Cimarron River (KS).....	—	—	349	—	—	—	—	—	29
Clark, W N (CO).....	20,813	—	—	—	—	—	12	—	—
Clifton (KS).....	—	—	230	—	—	—	—	—	8
Judson Large (KS).....	—	—	39,152	—	—	—	—	—	505
Mullergren, Arthur (KS).....	—	—	22,209	—	—	—	—	—	246
Pueblo (CO).....	—	-4	448	—	—	—	—	*	2
Rocky Ford (CO).....	—	-22	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>USBR-Great Plains Region</b> .....	—	—	—	<b>409,707</b>	—	—	—	—	—
Alcova (WY).....	—	—	—	22,422	—	—	—	—	—
Big Thompson (CO).....	—	—	—	476	—	—	—	—	—
Boysen (WY).....	—	—	—	10,693	—	—	—	—	—
Buffalo Bill (WY).....	—	—	—	13,074	—	—	—	—	—
Canyon Ferry (MT).....	—	—	—	37,775	—	—	—	—	—
Estes (CO).....	—	—	—	6,454	—	—	—	—	—
Flatiron (CO).....	—	—	—	23,785	—	—	—	—	—
Fremont Canyon (WY).....	—	—	—	43,087	—	—	—	—	—
Glendo (WY).....	—	—	—	25,789	—	—	—	—	—
Green Mountain (CO).....	—	—	—	508	—	—	—	—	—
Guernsey (WY).....	—	—	—	4,681	—	—	—	—	—
Heart Mountain (WY).....	—	—	—	3,698	—	—	—	—	—
Kortes (WY).....	—	—	—	14,657	—	—	—	—	—
Marys Lake (CO).....	—	—	—	2,790	—	—	—	—	—
Mount Elbert (CO).....	—	—	—	-7,053	—	—	—	—	—
Pilot Butte (WY).....	—	—	—	345	—	—	—	—	—
Pole Hill (CO).....	—	—	—	20,960	—	—	—	—	—
Seminole (WY).....	—	—	—	23,221	—	—	—	—	—
Shoshone (WY).....	—	—	—	2,023	—	—	—	—	—
Spirit Mountain (WY).....	—	—	—	2,083	—	—	—	—	—
Yellowtail (MT).....	—	—	—	158,239	—	—	—	—	—
<b>USBR-Lower Colorado Region</b> .....	—	—	—	<b>780,784</b>	—	—	—	—	—
Davis (AZ).....	—	—	—	140,580	—	—	—	—	—
Hoover (AZ).....	—	—	—	311,337	—	—	—	—	—
Hoover (NV).....	—	—	—	274,042	—	—	—	—	—
Parker (CA).....	—	—	—	54,825	—	—	—	—	—
<b>USBR-Mid Pacific Region</b> .....	—	—	—	<b>616,262</b>	—	—	—	—	—
Folsom (CA).....	—	—	—	78,152	—	—	—	—	—
Judge F Carr (CA).....	—	—	—	47,556	—	—	—	—	—
Keswick (CA).....	—	—	—	46,538	—	—	—	—	—
Lewiston (CA).....	—	—	—	222	—	—	—	—	—
New Melones (CA).....	—	—	—	88,352	—	—	—	—	—
Nimbus (CA).....	—	—	—	8,871	—	—	—	—	—
O'Neill (CA).....	—	—	—	2,740	—	—	—	—	—
Shasta (CA).....	—	—	—	226,515	—	—	—	—	—
Spring Creek (CA).....	—	—	—	50,589	—	—	—	—	—
Stampede (CA).....	—	—	—	2,711	—	—	—	—	—
Trinity (CA).....	—	—	—	64,016	—	—	—	—	—
<b>USBR-Pacific NW Region</b> .....	—	—	—	<b>2,036,351</b>	—	—	—	—	—
Anderson Ranch (ID).....	—	—	—	26,384	—	—	—	—	—
Black Canyon (ID).....	—	—	—	6,979	—	—	—	—	—
Boise River Div (ID).....	—	—	—	—	—	—	—	—	—
Chandler (WA).....	—	—	—	4,630	—	—	—	—	—
Grand Coulee (WA).....	—	—	—	1,828,473	—	—	—	—	—
Green Springs (OR).....	—	—	—	8,975	—	—	—	—	—
Hungry Horse (MT).....	—	—	—	52,091	—	—	—	—	—
Minidoka (ID).....	—	—	—	20,321	—	—	—	—	—
Palisades (ID).....	—	—	—	79,582	—	—	—	—	—
Roza (WA).....	—	—	—	8,916	—	—	—	—	—
<b>USBR-Upper Colorado Region</b> .....	—	—	—	<b>733,090</b>	—	—	—	—	—
Blue Mesa (CO).....	—	—	—	31,291	—	—	—	—	—
Crystal (CO).....	—	—	—	20,694	—	—	—	—	—
Deer Creek (UT).....	—	—	—	3,314	—	—	—	—	—
Elephant Butte (NM).....	—	—	—	15,177	—	—	—	—	—
Flaming Gorge (UT).....	—	—	—	93,406	—	—	—	—	—
Fontenelle (WY).....	—	—	—	6,673	—	—	—	—	—
Glen Canyon (AZ).....	—	—	—	510,865	—	—	—	—	—
Lower Molina (CO).....	—	—	—	1,354	—	—	—	—	—
McPhee (CO).....	—	—	—	530	—	—	—	—	—
Morrow Point (CO).....	—	—	—	44,700	—	—	—	—	—
Towaoc (CO).....	—	—	—	2,859	—	—	—	—	—
Upper Molina (CO).....	—	—	—	2,227	—	—	—	—	—
<b>USCE-Fort Worth District</b> .....	—	—	—	<b>11,795</b>	—	—	—	—	—

See footnotes at end of table.



**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>USCE-Fort Worth District</b>									
R D Willis (TX).....	—	—	—	4,216	—	—	—	—	—
Sam Rayburn (TX) .....	—	—	—	7,581	—	—	—	—	—
Whitney (TX).....	—	—	—	-2	—	—	—	—	—
<b>USCE-Hartwell Power Plant .....</b>				<b>20,324</b>					
Hartwell (GA) .....	—	—	—	20,324	—	—	—	—	—
<b>USCE-J Strom Thur Pwr Plt .....</b>				<b>34,216</b>					
J Strom Thurmond (SC).....	—	—	—	34,216	—	—	—	—	—
<b>USCE-Kansas City Dist.....</b>				<b>101,684</b>					
Harry S Truman (MO).....	—	—	—	89,550	—	—	—	—	—
Stockton (MO) .....	—	—	—	12,134	—	—	—	—	—
<b>USCE-Little Rock.....</b>				<b>273,227</b>					
Beaver (AR).....	—	—	—	10,586	—	—	—	—	—
Bull Shoals (AR) .....	—	—	—	116,680	—	—	—	—	—
Dardanelle (AR).....	—	—	—	23,420	—	—	—	—	—
Greers Ferry (AR).....	—	—	—	16,419	—	—	—	—	—
Norfolk (AR) .....	—	—	—	19,186	—	—	—	—	—
Ozark (AR).....	—	—	—	13,641	—	—	—	—	—
Table Rock (MO).....	—	—	—	73,295	—	—	—	—	—
<b>USCE-Missouri River District.....</b>				<b>790,268</b>					
Big Bend (SD) .....	—	—	—	58,259	—	—	—	—	—
Fort Peck (MT).....	—	—	—	86,092	—	—	—	—	—
Fort Randall (SD) .....	—	—	—	181,777	—	—	—	—	—
Garrison (ND).....	—	—	—	234,064	—	—	—	—	—
Gavins Point (NE) .....	—	—	—	75,001	—	—	—	—	—
Oahe (SD) .....	—	—	—	155,075	—	—	—	—	—
<b>USCE-Mobile District.....</b>				<b>129,460</b>					
Allatoona (GA) .....	—	—	—	4,113	—	—	—	—	—
Buford (GA).....	—	—	—	7,797	—	—	—	—	—
Carters (GA).....	—	—	—	33,384	—	—	—	—	—
J Woodruff (FL).....	—	—	—	11,680	—	—	—	—	—
Jones Bluff (AL).....	—	—	—	25,711	—	—	—	—	—
Millers Ferry (AL).....	—	—	—	30,530	—	—	—	—	—
Walter F George (GA).....	—	—	—	14,697	—	—	—	—	—
West Point (GA) .....	—	—	—	1,548	—	—	—	—	—
<b>USCE-Nashville .....</b>				<b>231,388</b>					
Barkley (KY) .....	—	—	—	53,189	—	—	—	—	—
Center Hill (TN) .....	—	—	—	37,460	—	—	—	—	—
Cheatham (TN) .....	—	—	—	16,141	—	—	—	—	—
Cordell Hull (TN).....	—	—	—	24,071	—	—	—	—	—
Dale Hollow (TN).....	—	—	—	2,699	—	—	—	—	—
J Percy Priest (TN).....	—	—	—	3,173	—	—	—	—	—
Laurel (KY).....	—	—	—	4,182	—	—	—	—	—
Old Hickory (TN).....	—	—	—	38,382	—	—	—	—	—
Wolf Creek (KY).....	—	—	—	52,091	—	—	—	—	—
<b>USCE-North Pacific Div.....</b>				<b>5,963,796</b>					
Albeni Falls (ID).....	—	—	—	15,921	—	—	—	—	—
Big Cliff (OR).....	—	—	—	1,261	—	—	—	—	—
Bonneville (OR).....	—	—	—	523,667	—	—	—	—	—
Chief Joseph (WA).....	—	—	—	1,266,108	—	—	—	—	—
Cougar (OR).....	—	—	—	19,590	—	—	—	—	—
Detroit (OR).....	—	—	—	55,116	—	—	—	—	—
Dexter (OR) .....	—	—	—	9,893	—	—	—	—	—
Dworshak (ID) .....	—	—	—	176,397	—	—	—	—	—
Foster (OR) .....	—	—	—	12,752	—	—	—	—	—
Green Peter (OR).....	—	—	—	225	—	—	—	—	—
Hills Creek (OR).....	—	—	—	16,918	—	—	—	—	—
Ice Harbor (WA).....	—	—	—	202,998	—	—	—	—	—
John Day (OR).....	—	—	—	1,101,014	—	—	—	—	—
Libby (MT) .....	—	—	—	48,437	—	—	—	—	—
Little Goose (WA).....	—	—	—	406,005	—	—	—	—	—
Lookout Point (OR).....	—	—	—	49,636	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>USCE-North Pacific Div</b>									
Lost Creek (OR).....	—	—	—	39,036	—	—	—	—	—
Lower Granite (WA).....	—	—	—	369,111	—	—	—	—	—
Lower Monumental (WA).....	—	—	—	446,430	—	—	—	—	—
McNary (OR).....	—	—	—	564,383	—	—	—	—	—
The Dalles (WA).....	—	—	—	638,898	—	—	—	—	—
<b>USCE-R B Russell.....</b>	—	—	—	<b>18,601</b>	—	—	—	—	—
R B Russell (GA).....	—	—	—	18,601	—	—	—	—	—
<b>USCE-Tulsa District.....</b>									
Broken Bow (OK).....	—	—	—	33,616	—	—	—	—	—
Denison (TX).....	—	—	—	27,354	—	—	—	—	—
Eufaula (OK).....	—	—	—	69,919	—	—	—	—	—
Fort Gibson (OK).....	—	—	—	37,200	—	—	—	—	—
Keystone (OK).....	—	—	—	52,010	—	—	—	—	—
Robert S Kerr (OK).....	—	—	—	83,882	—	—	—	—	—
Tenkiller Ferry (OK).....	—	—	—	15,678	—	—	—	—	—
Webbers Falls (OK).....	—	—	—	27,207	—	—	—	—	—
<b>USCE-Vickburg District.....</b>									
Blakely Mountain (AR).....	—	—	—	15,984	—	—	—	—	—
Degray (AR).....	—	—	—	14,410	—	—	—	—	—
Narrows (AR).....	—	—	—	2,546	—	—	—	—	—
<b>USCE-Wilmington.....</b>									
John H Kerr (VA).....	—	—	—	28,503	—	—	—	—	—
Philpott (VA).....	—	—	—	962	—	—	—	—	—
<b>Vero Beach (City of).....</b>									
Municipal Plant (FL).....	—	—	5,119	—	—	—	—	—	74
<b>Vineland (City of).....</b>									
Down, Howard (NJ).....	—	4,090	—	—	—	—	—	9	—
West (NJ).....	—	2,537	—	—	—	—	—	5	—
West (NJ).....	—	1,553	—	—	—	—	—	4	—
<b>Virginia Elec &amp; Power Co.....</b>	<b>2,873,580</b>	<b>392,028</b>	<b>242,024</b>	<b>-47,996</b>	<b>1,982,413</b>	—	<b>1,141</b>	<b>598</b>	<b>2,237</b>
Bath County (VA).....	—	—	—	-92,838	—	—	—	—	—
Bell Meade (VA).....	—	—	10,348	—	—	—	—	—	100
Bremo Bluff (VA).....	97,523	319	—	—	—	—	38	1	—
Chesapeake (VA).....	303,582	578	—	—	—	—	125	1	—
Chesterfield (VA).....	493,579	1,110	223,545	—	—	—	191	2	2,035
Clover (VA).....	621,306	27	—	—	—	—	233	*	—
Cushaw (VA).....	—	—	—	1,850	—	—	—	—	—
Darbytown (VA).....	—	—	1,712	—	—	—	—	—	20
Gaston (NC).....	—	—	—	20,495	—	—	—	—	—
Gravel Neck (VA).....	—	—	935	—	—	—	—	—	11
Kitty Hawk (NC).....	—	—	—	—	—	—	—	—	—
Low Moor (VA).....	—	6	—	—	—	—	—	*	—
Mt Storm (WV).....	995,619	1,428	—	—	—	—	408	5	—
North Anna (VA).....	—	—	—	132	1,368,132	—	—	—	—
North Branch (WV).....	—	—	—	—	—	—	—	—	—
Northern Neck (VA).....	—	—	—	—	—	—	—	—	—
Possum Point (VA).....	179,989	718	—	—	—	—	74	1	—
Roanoke Rapids (NC).....	—	—	—	22,365	—	—	—	—	—
Surry (VA).....	—	—	—	—	614,281	—	—	—	—
Yktn Term A (VA).....	—	—	—	—	—	—	—	—	—
Yorktown (VA).....	181,982	387,842	5,484	—	—	—	71	589	69
1st Energy (VA).....	—	—	—	—	—	—	—	—	—
<b>Vt Yankee Nuclear Pr Corp.....</b>									
Vt. Yankee (VT).....	—	—	—	—	383,797	—	—	—	—
<b>Wash Pub Pwr Supply System.....</b>									
Packwood (WA).....	—	—	—	11,525	-5,429	—	—	—	—
WNP-2 (WA).....	—	—	—	—	-5,429	—	—	—	—
<b>Waverly (City of).....</b>									
East Hydro (IA).....	—	58	50	177	—	11	—	*	*
East Plant (IA).....	—	—	—	177	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Waverly (City of)</b>									
North Plant (IA).....	—	58	50	—	—	—	—	*	*
Skeets 1 (IA).....	—	—	—	—	—	11	—	—	—
<b>West Penn Power Co.....</b>	<b>761,424</b>	<b>547</b>	<b>319</b>	<b>6,233</b>	—	—	<b>300</b>	<b>1</b>	<b>3</b>
Armstrong (PA).....	63,033	302	—	—	—	—	25	*	—
Hatfields Ferry (PA).....	555,824	245	—	—	—	—	217	*	—
Lake Lynn (WV).....	—	—	—	6,233	—	—	—	—	—
Mitchell (PA).....	142,567	—	319	—	—	—	58	—	3
Springdale (PA).....	—	—	—	—	—	—	—	—	—
<b>West Texas Utilities Co.....</b>	<b>481,554</b>	<b>193</b>	<b>228,480</b>	—	—	—	<b>295</b>	<b>*</b>	<b>2,430</b>
Abilene (TX).....	—	—	—	—	—	—	—	—	844
Fort Phantom (TX).....	—	—	82,316	—	—	—	—	—	—
Ft Stockton (TX).....	—	—	—	—	—	—	—	—	—
Lake Pauline (TX).....	—	—	306	—	—	—	—	—	7
Oak Creek (TX).....	—	—	31,670	—	—	—	—	—	321
Oklahoma (TX).....	481,554	193	—	—	—	—	295	*	—
Paint Creek (TX).....	—	—	37,098	—	—	—	—	—	404
Presidio (TX).....	—	—	—	—	—	—	—	—	—
Rio Pecos (TX).....	—	—	46,876	—	—	—	—	—	547
San Angelo (TX).....	—	—	30,214	—	—	—	—	—	308
Vernon (TX).....	—	—	—	—	—	—	—	—	—
<b>Western Farmers Elec Coop.....</b>	<b>240,195</b>	<b>274</b>	<b>111,182</b>	—	—	—	<b>143</b>	<b>*</b>	<b>1,073</b>
Anadarko (OK).....	—	5	92,858	—	—	—	—	*	877
Hugo (OK).....	240,195	269	—	—	—	—	143	*	—
Mooreland (OK).....	—	—	18,324	—	—	—	—	—	196
<b>Western Mass Elec Co.....</b>	—	<b>3,503</b>	<b>7,622</b>	<b>4,427</b>	—	—	—	<b>7</b>	<b>92</b>
Cabot (MA).....	—	—	—	27,068	—	—	—	—	—
Cobble Mountain (MA).....	—	—	—	1,895	—	—	—	—	—
Doreen (MA).....	—	-9	—	—	—	—	—	*	—
Dwight (MA).....	—	—	—	629	—	—	—	—	—
Gardners Falls (MA).....	—	—	—	917	—	—	—	—	—
Indian Orchard (MA).....	—	—	—	446	—	—	—	—	—
Northfield Mountain (MA).....	—	—	—	-29,335	—	—	—	—	—
Putts Bridge (MA).....	—	—	—	971	—	—	—	—	—
Red Bridge (MA).....	—	—	—	978	—	—	—	—	—
Turners Falls (MA).....	—	—	—	858	—	—	—	—	—
West Springfield (MA).....	—	3,521	7,622	—	—	—	—	7	92
Woodland Road (MA).....	—	-9	—	—	—	—	—	—	—
<b>Wisconsin Electric Pwr Co.....</b>	<b>1,441,331</b>	<b>4,021</b>	<b>47,060</b>	<b>51,107</b>	<b>598,981</b>	—	<b>794</b>	<b>9</b>	<b>620</b>
Appleton (WI).....	—	—	—	1,444	—	—	—	—	—
Big Quinnesec 61 (MI).....	—	—	—	1,743	—	—	—	—	—
Big Quinnesec 92 (MI).....	—	—	—	10,545	—	—	—	—	—
Brule (MI).....	—	—	—	2,681	—	—	—	—	—
Chalk Hill (MI).....	—	—	—	4,173	—	—	—	—	—
Concord (WI).....	—	—	11,103	—	—	—	—	—	357
Germantown (WI).....	—	3,348	—	—	—	—	—	8	—
Hemlock Falls (MI).....	—	—	—	1,510	—	—	—	—	—
Kingsford (MI).....	—	—	—	3,547	—	—	—	—	—
Lower Paint (MI).....	—	—	—	52	—	—	—	—	—
Michigamme Falls (MI).....	—	—	—	5,300	—	—	—	—	—
Oconto Falls (WI).....	—	—	—	600	—	—	—	—	—
Oil Storage (WI).....	—	—	—	—	—	—	—	—	—
Paris (WI).....	—	—	25,623	—	—	—	—	—	158
Peavy Falls (MI).....	—	—	—	9,013	—	—	—	—	—
Pine (WI).....	—	—	—	2,021	—	—	—	—	—
Pleasant Prairie (WI).....	420,047	50	3,809	—	—	—	262	*	39
Point Beach (WI).....	—	17	—	—	598,981	—	—	*	—
Port Washington (WI).....	61,590	12	—	—	—	—	35	*	—
Presque Isle (MI).....	253,486	594	—	—	—	—	148	1	—
South Oak Creek (WI).....	606,983	—	6,068	—	—	—	291	—	58
Sturgeon (MI).....	—	—	—	206	—	—	—	—	—
Twin Falls (MI).....	—	—	—	3,235	—	—	—	—	—
Valley (WI).....	99,225	—	457	—	—	—	58	—	7
Way (MI).....	—	—	—	882	—	—	—	—	—
Weyauwega (WI).....	—	—	—	—	—	—	—	—	—
White Rapids (MI).....	—	—	—	4,155	—	—	—	—	—

See footnotes at end of table.

**Table 56. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, May 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Wisconsin Pub Serv Corp.....</b>	<b>394,757</b>	<b>55</b>	<b>27,134</b>	<b>29,755</b>	<b>378,235</b>	—	<b>261</b>	*	<b>360</b>
Alexander (WI).....	—	—	—	2,106	—	—	—	—	—
Caldron Falls (WI).....	—	—	—	1,835	—	—	—	—	—
Eagle River (WI).....	—	16	—	—	—	—	—	*	—
Grand Rapids (MI).....	—	—	—	4,282	—	—	—	—	—
Grandfather Falls (WI).....	—	—	—	9,456	—	—	—	—	—
Hat Rapids (WI).....	—	—	—	706	—	—	—	—	—
High Falls (WI).....	—	—	—	2,143	—	—	—	—	—
Jersey (WI).....	—	—	—	127	—	—	—	—	—
Johnson Falls (WI).....	—	—	—	1,213	—	—	—	—	—
Kewaunee (WI).....	—	—	—	—	378,235	—	—	—	—
Merrill (WI).....	—	—	—	992	—	—	—	—	—
Oneida Casino (WI).....	—	22	—	—	—	—	—	*	—
Otter Rapids (WI).....	—	—	—	223	—	—	—	—	—
Peshigo (WI).....	—	—	—	334	—	—	—	—	—
Potato Rapids (WI).....	—	—	—	519	—	—	—	—	—
Pulliam (WI).....	174,647	—	1,474	—	—	—	120	—	20
Sandstone Rapids (WI).....	—	—	—	1,238	—	—	—	—	—
Tomahawk (WI).....	—	—	—	1,127	—	—	—	—	—
Wausau (WI).....	—	—	—	3,454	—	—	—	—	—
West Marinette (WI).....	—	—	17,443	—	—	—	—	—	241
Weston (WI).....	220,110	17	8,217	—	—	—	141	*	98
<b>Wisconsin Pwr &amp; Lgt Co.....</b>	<b>821,465</b>	<b>758</b>	<b>11,837</b>	<b>21,596</b>	—	<b>16,062</b>	<b>499</b>	<b>1</b>	<b>168</b>
Blackhawk (WI).....	—	—	499	—	—	—	—	—	9
Columbia (WI).....	354,125	—	—	—	—	—	222	—	—
Dewey, Nelson (WI).....	87,514	19	—	—	—	5,094	50	*	—
Edgewater (WI).....	365,270	564	—	—	—	10,229	218	1	—
Kilbourn (WI).....	—	—	—	5,764	—	—	—	—	—
NA 1 (WI).....	—	—	9,021	—	—	—	—	—	128
Portable (WI).....	—	—	—	—	—	—	—	—	—
Prairie Du Sac (WI).....	—	—	—	15,429	—	—	—	—	—
Rock River (WI).....	14,556	175	1,999	—	—	739	10	*	26
Shawano (WI).....	—	—	—	403	—	—	—	—	—
Sheepskin (WI).....	—	—	318	—	—	—	—	—	5
<b>Wolf Creek Nuclear Corp.....</b>	—	—	—	—	<b>565,228</b>	—	—	—	—
Wolf Creek (KS).....	—	—	—	—	565,228	—	—	—	—
<b>Wyandotte (City of).....</b>	<b>15,621</b>	—	<b>4,746</b>	—	—	—	<b>8</b>	—	<b>64</b>
Wyandotte (MI).....	15,621	—	4,746	—	—	—	8	—	64
<b>Yuba County Water Agency.....</b>	—	—	—	<b>163,096</b>	—	—	—	—	—
Fish Power (CA).....	—	—	—	100	—	—	—	—	—
New Colgate (CA).....	—	—	—	131,107	—	—	—	—	—
New Narrows (CA).....	—	—	—	31,889	—	—	—	—	—

<sup>1</sup> 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."

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999**

Company (Holding Company)  Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Alabama Elec Coop Inc.....</b>	<b>319,858</b>	<b>-8</b>	<b>56,157</b>	<b>2,186</b>	—	—	<b>143</b>	—	<b>525</b>
Gantt (AL).....	—	—	—	462	—	—	—	—	—
Lowman (AL).....	319,858	—	—	—	—	—	143	—	—
McIntosh-CAES (AL).....	—	—	20,476	—	—	—	—	—	232
McWilliams (AL).....	—	—	35,681	—	—	—	—	—	293
Point A (AL).....	—	—	—	1,724	—	—	—	—	—
Portland (FL).....	—	-8	—	—	—	—	—	—	—
<b>Alabama Power Co.....</b>	<b>5,163,481</b>	<b>3,391</b>	<b>77,917</b>	<b>268,884</b>	<b>1,131,400</b>	—	<b>2,454</b>	<b>6</b>	<b>827</b>
Bankhead Dam (AL).....	—	—	—	12,035	—	—	—	—	—
Barry (AL).....	1,081,433	50	3,052	—	—	—	429	*	69
Chickasaw (AL).....	—	—	—	—	—	—	—	—	—
Farley (AL).....	—	—	—	—	1,131,400	—	—	—	—
Gadsden New (AL).....	45,969	—	2,715	—	—	—	25	*	37
Gaston, E C (AL).....	1,057,573	2,779	—	—	—	—	416	5	—
Gorgas (AL).....	802,694	503	—	—	—	—	330	1	—
Greene County (AL).....	329,001	59	68,802	—	—	—	136	*	686
H Neely Henry Dam (AL).....	—	—	—	13,141	—	—	—	—	—
Harris (AL).....	—	—	—	7,940	—	—	—	—	—
Holt Dam (AL).....	—	—	—	11,116	—	—	—	—	—
Jordan (AL).....	—	—	—	25,806	—	—	—	—	—
Lay Dam (AL).....	—	—	—	37,346	—	—	—	—	—
Lewis Smith Dam (AL).....	—	—	—	22,290	—	—	—	—	—
Logan Martin Dam (AL).....	—	—	—	23,821	—	—	—	—	—
Martin Dam (AL).....	—	—	—	15,950	—	—	—	—	—
Miller (AL).....	1,846,811	—	3,348	—	—	—	1,118	—	35
Mitchell Dam (AL).....	—	—	—	31,313	—	—	—	—	—
Thurlow Dam (AL).....	—	—	—	12,334	—	—	—	—	—
Walter Bouldin Dam (AL).....	—	—	—	36,101	—	—	—	—	—
Weiss Dam (AL).....	—	—	—	12,203	—	—	—	—	—
Yates Dam (AL).....	—	—	—	7,488	—	—	—	—	—
<b>Alaska Elec Lgt &amp; Pwr Co.....</b>	<b>—</b>	<b>1,542</b>	<b>—</b>	<b>6,080</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>12</b>	<b>—</b>
Annex Creek (AK).....	—	—	—	2,232	—	—	—	—	—
Auke Bay (AK).....	—	423	—	—	—	—	—	9	—
Gold Creek (AK).....	—	1	—	918	—	—	—	*	—
Lemon Creek (AK).....	—	1,118	—	—	—	—	—	3	—
Salmon Creek (AK).....	—	—	—	—	—	—	—	—	—
Salmon Creek 2 (AK).....	—	—	—	2,930	—	—	—	—	—
<b>Alaska Power Admn.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Eklutna (AK).....	—	—	—	—	—	—	—	—	—
Snettisham (AK).....	—	—	—	—	—	—	—	—	—
<b>Alexandria (City of).....</b>	<b>—</b>	<b>—</b>	<b>22,932</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>279</b>
D G Hunter (LA).....	—	—	22,932	—	—	—	—	—	279
<b>Amer Mun Power-Ohio Inc.....</b>	<b>122,892</b>	<b>—</b>	<b>453</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>76</b>	<b>—</b>	<b>6</b>
Richard Gorsuch (OH).....	122,892	—	453	—	—	—	76	—	6
<b>Ames (City of).....</b>	<b>36,202</b>	<b>499</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>24</b>	<b>1</b>	<b>—</b>
Ames (IA).....	36,202	478	—	—	—	—	24	1	—
Ames Gt (IA).....	—	21	—	—	—	—	—	*	—
<b>Anchorage (City of).....</b>	<b>—</b>	<b>24</b>	<b>61,198</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>*</b>	<b>639</b>
Anchorage (AK).....	—	16	1,298	—	—	—	—	*	29
GMS 2 (AK).....	—	8	59,900	—	—	—	—	*	610
<b>Appalachian Power Co.....</b>	<b>2,822,484</b>	<b>12,081</b>	<b>—</b>	<b>8,417</b>	<b>—</b>	<b>—</b>	<b>1,106</b>	<b>20</b>	<b>—</b>
Amos, John E (WV).....	1,347,247	8,820	—	—	—	—	533	15	—
Buck (VA).....	—	—	—	1,752	—	—	—	—	—
Byllesby 2 (VA).....	—	—	—	2,070	—	—	—	—	—
Claytor (VA).....	—	—	—	6,850	—	—	—	—	—
Clinch River (VA).....	406,483	461	—	—	—	—	154	1	—
Glen Lyn (VA).....	150,735	986	—	—	—	—	61	2	—
Kanawha River (WV).....	207,202	—	—	—	—	—	86	—	—
Leesville (VA).....	—	—	—	2,065	—	—	—	—	—
London (WV).....	—	—	—	2,007	—	—	—	—	—
Marmet (WV).....	—	—	—	861	—	—	—	—	—
Mountaineer (WV).....	710,817	1,814	—	—	—	—	273	3	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Appalachian Power Co</b>									
Niagara (VA).....	—	—	—	—	—	—	—	—	—
Reusens (VA).....	—	—	—	1,070	—	—	—	—	—
Smith Mountain (VA).....	—	—	—	-10,394	—	—	—	—	—
Winfield (WV).....	—	—	—	2,136	—	—	—	—	—
<b>Arizona Elec Pwr Coop Inc.....</b>	<b>218,158</b>	<b>—</b>	<b>19,926</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>116</b>	<b>—</b>	<b>205</b>
Apache Station (AZ).....	218,158	—	19,926	—	—	—	116	—	205
<b>Arizona Public Service Co.....</b>	<b>1,537,559</b>	<b>1,063</b>	<b>213,849</b>	<b>2,768</b>	<b>2,640,355</b>	<b>—</b>	<b>874</b>	<b>2</b>	<b>2,418</b>
Childs (AZ).....	—	—	—	1,735	—	—	—	—	—
Cholla (AZ).....	439,735	785	3	—	—	—	234	2	*
Fairview (AZ).....	—	28	—	—	—	—	—	*	—
Four Corners (NM).....	1,097,824	—	7,303	—	—	—	639	—	76
Irving (AZ).....	—	—	—	1,033	—	—	—	—	—
Ocotillo (AZ).....	—	—	51,631	—	—	—	—	—	610
Palo Verde (AZ).....	—	—	—	—	2,640,355	—	—	—	—
Phoenix (AZ).....	—	—	75,104	—	—	—	—	—	800
Saguaro (AZ).....	—	—	43,986	—	—	—	—	—	516
Yucca (AZ).....	—	250	35,822	—	—	—	—	1	416
<b>Arkansas Elec Coop Corp.....</b>	<b>—</b>	<b>766</b>	<b>83,182</b>	<b>1,230</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>954</b>
Bailey (AR).....	—	—	29,604	—	—	—	—	—	339
Clyde Ellis (AR).....	—	—	—	399	—	—	—	—	—
Dam 9 (AR).....	—	—	—	831	—	—	—	—	—
Fitzhugh (AR).....	—	237	13,688	—	—	—	—	*	168
Mc Clellan (AR).....	—	529	39,890	—	—	—	—	1	447
<b>Arkansas Power &amp; Light Co.....</b>	<b>1,995,143</b>	<b>3,545</b>	<b>411,551</b>	<b>7,028</b>	<b>1,246,601</b>	<b>—</b>	<b>1,234</b>	<b>8</b>	<b>4,650</b>
Arkansas Nuclear One(AR).....	—	—	—	—	1,246,601	—	—	—	—
Blytheville (AR).....	—	2,298	—	—	—	—	—	6	—
Carpenter (AR).....	—	—	—	4,590	—	—	—	—	—
Couch, Harvey (AR).....	—	—	22,712	—	—	—	—	—	331
Independence (AR).....	1,062,950	500	—	—	—	—	660	1	—
L Catherine (AR).....	—	—	175,443	—	—	—	—	—	1,876
Lynch, Cecil (AR).....	—	—	—	—	—	—	—	—	—
Mablevale (AR).....	—	—	1,481	—	—	—	—	—	23
Moses, Ham (AR).....	—	—	—	—	—	—	—	—	—
Rommel (AR).....	—	—	—	2,438	—	—	—	—	—
Ritchie, R E (AR).....	—	—	211,915	—	—	—	—	—	2,420
White Bluff (AR).....	932,193	747	—	—	—	—	574	1	—
<b>Associated Elec Coop.....</b>	<b>1,459,018</b>	<b>1,028</b>	<b>15,430</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>849</b>	<b>2</b>	<b>209</b>
Essex (MO).....	—	—	5,335	—	—	—	—	—	66
Nadaway (MO).....	—	—	5,141	—	—	—	—	—	66
New Madrid (MO).....	707,773	453	—	—	—	—	407	1	—
St Francis (MO).....	—	—	4,954	—	—	—	—	—	77
Thomas Hill (MO).....	751,245	126	—	—	—	—	441	*	—
Unionville (MO).....	—	449	—	—	—	—	—	1	—
<b>Atlantic City Elec Co.....</b>	<b>126,478</b>	<b>46,484</b>	<b>21,569</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>49</b>	<b>92</b>	<b>278</b>
Carlls Corner (NJ).....	—	1,192	—	—	—	—	—	3	—
Cedar (NJ).....	—	991	—	—	—	—	—	2	—
Cumberland St (NJ).....	—	—	8,901	—	—	—	—	—	111
Deepwater (NJ).....	25,835	7,732	3,601	—	—	—	8	16	40
England, B L (NJ).....	100,643	35,297	—	—	—	—	41	67	—
Mantu Depot (NJ).....	—	—	—	—	—	—	—	—	—
Mantu Depot (NJ).....	—	—	—	—	—	—	—	—	—
Mickleton Street (NJ).....	—	—	2,213	—	—	—	—	—	34
Middle (NJ).....	—	852	—	—	—	—	—	2	—
Missouri Avenue (NJ).....	—	420	—	—	—	—	—	1	—
Sherman Avenue (NJ).....	—	—	6,854	—	—	—	—	—	93
<b>Austin (City of).....</b>	<b>—</b>	<b>—</b>	<b>384,608</b>	<b>—</b>	<b>—</b>	<b>7</b>	<b>—</b>	<b>—</b>	<b>4,064</b>
Decker Creek (TX).....	—	—	302,325	—	—	7	—	—	3,167
Holly Street (TX).....	—	—	82,283	—	—	—	—	—	896
<b>Avista Corporation.....</b>	<b>—</b>	<b>—</b>	<b>409</b>	<b>656,220</b>	<b>—</b>	<b>3,548</b>	<b>—</b>	<b>—</b>	<b>5</b>
Cabinet Gorge (ID).....	—	—	—	156,716	—	—	—	—	—
Kettle Fls (WA).....	—	—	—	—	—	3,548	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Avista Corporation</b>									
Little Falls (WA) .....	—	—	—	23,659	—	—	—	—	—
Long Lake (WA) .....	—	—	—	57,385	—	—	—	—	—
Meyers Falls (WA) .....	—	—	—	—	—	—	—	—	—
Monroe Street (WA) .....	—	—	—	10,396	—	—	—	—	—
Nine Mile (WA) .....	—	—	—	14,939	—	—	—	—	—
Northeast (WA) .....	—	—	—	—	—	—	—	—	—
Noxon Rapids (MT) .....	—	—	—	376,817	—	—	—	—	—
Post Falls (ID) .....	—	—	—	10,412	—	—	—	—	—
Rathdrum (WA) .....	—	—	409	—	—	—	—	—	5
Upper Falls (WA) .....	—	—	—	5,896	—	—	—	—	—
<b>Baltimore Gas &amp; Elec Co .....</b>	<b>1,260,604</b>	<b>84,950</b>	<b>50,119</b>	—	<b>1,229,473</b>	—	<b>481</b>	<b>187</b>	<b>698</b>
Brandon (MD) .....	813,230	1,226	—	—	—	—	327	2	—
Calvert Cliffs (MD) .....	—	—	—	—	1,229,473	—	—	—	—
Crane, C P (MD) .....	199,426	407	—	—	—	—	61	1	—
Gould Street (MD) .....	—	—	5,120	—	—	—	—	—	66
Notch Cliff (MD) .....	—	—	5,533	—	—	—	—	—	95
Perryman (MD) .....	—	6,188	8,047	—	—	—	—	16	110
Philadelphia Road (MD) .....	—	1,348	—	—	—	—	—	4	—
Riverside (MD) .....	—	—	8,521	—	—	—	—	—	129
Wagner, H A (MD) .....	247,948	75,781	20,233	—	—	—	94	163	255
Westport (MD) .....	—	—	2,665	—	—	—	—	—	44
<b>Basin Elec Power Coop .....</b>	<b>1,513,158</b>	<b>7,821</b>	—	—	—	—	<b>1,123</b>	<b>16</b>	—
Antelope Valley (ND) .....	368,179	2,644	—	—	—	—	319	5	—
Laramie River (WY) .....	793,243	2,581	—	—	—	—	505	5	—
Leland Olds (ND) .....	351,736	529	—	—	—	—	298	1	—
Sprit Mound (SD) .....	—	2,067	—	—	—	—	—	5	—
<b>Black Hills Pwr and Lt Co .....</b>	<b>102,650</b>	<b>212</b>	<b>1,120</b>	—	—	—	<b>81</b>	<b>1</b>	<b>17</b>
French, Ben (SD) .....	13,066	61	1,120	—	—	—	11	*	17
Neil Simpson 2 (WY) .....	59,896	97	—	—	—	—	42	*	—
Osage (WY) .....	21,819	—	—	—	—	—	21	—	—
Simpson, Neil (WY) .....	7,869	54	—	—	—	—	6	*	—
<b>Boston Edison Co .....</b>	—	—	—	—	—	—	—	—	—
Pilgrim (MA) .....	—	—	—	—	—	—	—	—	—
<b>Braintree (City of) .....</b>	—	<b>168</b>	<b>15,212</b>	—	—	—	—	*	<b>162</b>
Potter Station (MA) .....	—	168	15,212	—	—	—	—	*	162
<b>Brazos Elec Pwr Coop Inc .....</b>	—	—	<b>187,174</b>	—	—	—	—	—	<b>2,003</b>
Miller, R W (TX) .....	—	—	184,030	—	—	—	—	—	1,961
North Texas (TX) .....	—	—	3,144	—	—	—	—	—	42
<b>Brownsville (City of) .....</b>	—	—	<b>41,705</b>	—	—	—	—	—	<b>451</b>
Si Ray (TX) .....	—	—	41,705	—	—	—	—	—	451
<b>Bryan (City of) .....</b>	—	—	<b>56,985</b>	—	—	—	—	—	<b>643</b>
Bryan (TX) .....	—	—	10,384	—	—	—	—	—	130
Dansby (TX) .....	—	—	46,601	—	—	—	—	—	513
<b>Burbank (City of) .....</b>	—	<b>-19</b>	<b>227</b>	—	—	—	—	—	<b>5</b>
Magnolia (CA) .....	—	-19	139	—	—	—	—	—	3
Olive (CA) .....	—	—	88	—	—	—	—	—	2
<b>Burlington (City of) .....</b>	—	<b>814</b>	—	—	—	<b>28,131</b>	—	<b>2</b>	<b>2</b>
Burlington (VT) .....	—	814	—	—	—	—	—	2	—
J C McNeil (VT) .....	—	—	—	—	—	28,131	—	*	2
<b>Cajun Elec Power Coop Inc .....</b>	<b>998,301</b>	<b>1,083</b>	<b>85,988</b>	—	—	—	<b>633</b>	<b>2</b>	<b>921</b>
Big Cajun 1 (LA) .....	—	—	85,988	—	—	—	—	—	921
Big Cajun 2 (LA) .....	998,301	1,083	—	—	—	—	633	2	—
<b>California (State of) .....</b>	—	—	—	<b>276,727</b>	—	—	—	—	—
Alamo (CA) .....	—	—	—	6,380	—	—	—	—	—
Bottle Rock (CA) .....	—	—	—	—	—	—	—	—	—
Devil Canyon (CA) .....	—	—	—	55,561	—	—	—	—	—
Edw Hyatt (CA) .....	—	—	—	171,269	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>California (State of)</b>									
Mojave Siphon (CA) .....	—	—	—	3,791	—	—	—	—	—
Thermal Div (CA) .....	—	—	—	476	—	—	—	—	—
Thermalito (CA) .....	—	—	—	21,640	—	—	—	—	—
W E Warne (CA) .....	—	—	—	6,200	—	—	—	—	—
William R Gianelli (CA) .....	—	—	—	11,410	—	—	—	—	—
<b>Cardinal Operating Co.....</b>	<b>857,213</b>	<b>3,264</b>	—	—	—	—	<b>341</b>	<b>5</b>	—
Cardinal (OH) .....	857,213	3,264	—	—	—	—	341	5	—
<b>Carolina Power &amp; Light Co.....</b>	<b>2,445,763</b>	<b>19,445</b>	<b>28,268</b>	<b>33,733</b>	<b>2,273,036</b>	—	<b>972</b>	<b>51</b>	<b>361</b>
Asheville (NC) .....	205,893	3,329	14,220	—	—	—	80	8	131
Blewett (NC) .....	—	869	—	4,304	—	—	—	3	—
Brunswick (NC) .....	—	—	—	—	1,144,076	—	—	—	—
Cape Fear (NC) .....	131,781	2,459	—	—	—	—	53	6	—
Darlington County (SC) .....	—	3,994	12,984	—	—	—	—	14	205
Harris (NC) .....	—	—	—	—	617,134	—	—	—	—
Lee (NC) .....	166,323	1,972	—	—	—	—	68	6	—
Marshall (NC) .....	—	—	—	1,774	—	—	—	—	—
Mayo (NC) .....	381,673	849	—	—	—	—	160	1	—
Morehead (NC) .....	—	88	—	—	—	—	—	*	—
Robinson, H B (SC) .....	85,947	148	—	—	511,826	—	30	*	—
Roxboro (NC) .....	1,168,747	3,224	—	—	—	—	455	6	—
Sutton (NC) .....	242,414	2,034	—	—	—	—	99	5	—
Tillery (NC) .....	—	—	—	6,485	—	—	—	—	—
Walters (NC) .....	—	—	—	21,170	—	—	—	—	—
Weatherspoon (NC) .....	62,985	479	1,064	—	—	—	27	1	25
<b>Cedar Falls (City of).....</b>	<b>2,684</b>	—	<b>768</b>	—	—	—	<b>2</b>	—	<b>12</b>
Cedar Falls Gt (IA) .....	2,684	—	437	—	—	—	2	—	6
Streeter (IA) .....	—	—	331	—	—	—	—	—	6
<b>Cent NE Pub Pwr &amp; Ir Dist.....</b>	—	—	—	<b>40,583</b>	—	—	—	—	—
Jeffrey Canyon (NE) .....	—	—	—	11,475	—	—	—	—	—
Johnson No 1 (NE) .....	—	—	—	8,854	—	—	—	—	—
Johnson No 2 (NE) .....	—	—	—	11,473	—	—	—	—	—
Kingsley (NE) .....	—	—	—	8,781	—	—	—	—	—
<b>Central Elec Pwr Coop .....</b>	<b>30,122</b>	<b>39</b>	—	—	—	—	<b>15</b>	<b>*</b>	—
Chamois (MO) .....	30,122	39	—	—	—	—	15	*	—
<b>Central Hudson Gas &amp; Elec.....</b>	<b>81,266</b>	<b>403,818</b>	<b>116,496</b>	<b>3,606</b>	—	—	<b>32</b>	<b>647</b>	<b>1,264</b>
Coxsackie (NY) .....	—	31	—	—	—	—	—	1	*
Danskammer (NY) .....	81,266	391	51,440	—	—	—	32	1	543
Dashville (NY) .....	—	—	—	49	—	—	—	—	—
High Falls (NY) .....	—	—	—	—	—	—	—	—	—
Neversink (NY) .....	—	—	—	3,030	—	—	—	—	—
Roseton (NY) .....	—	403,359	65,056	—	—	—	—	644	720
South Cairo (NY) .....	—	37	—	—	—	—	—	1	—
Sturgeon Pool (NY) .....	—	—	—	527	—	—	—	—	—
<b>Central Ill Public Ser Co .....</b>	<b>946,875</b>	<b>10,039</b>	<b>34</b>	—	—	<b>19,729</b>	<b>535</b>	<b>17</b>	<b>*</b>
Coffeen (IL) .....	210,054	480	—	—	—	19,729	111	1	—
Grand Tower (IL) .....	44,137	270	—	—	—	—	23	1	—
Hutsonville (IL) .....	30,611	268	—	—	—	—	15	1	—
Meredosia (IL) .....	77,181	8,590	34	—	—	—	39	14	*
Newton (IL) .....	584,892	431	—	—	—	—	348	1	—
<b>Central Iowa Power Coop.....</b>	<b>23,861</b>	<b>1,713</b>	<b>72</b>	—	—	—	<b>12</b>	<b>4</b>	—
Fair Station (IA) .....	23,861	—	—	—	—	—	12	—	—
Summit Lake (IA) .....	—	1,713	72	—	—	—	—	4	—
<b>Central Illinois Light Co.....</b>	<b>525,275</b>	<b>368</b>	<b>51</b>	—	—	—	<b>243</b>	<b>1</b>	<b>1</b>
Duck Creek (IL) .....	191,254	43	—	—	—	—	91	*	—
E D Edwards (IL) .....	334,021	325	—	—	—	—	152	1	—
Pekin Cogen (IL) .....	—	—	—	—	—	—	—	—	—
Sterling Avenue (IL) .....	—	—	51	—	—	—	—	—	1
<b>Central Louisiana Elec Co.....</b>	<b>664,763</b>	—	<b>394,447</b>	—	—	—	<b>477</b>	—	<b>4,035</b>
Coughlin (LA) .....	—	—	74,878	—	—	—	—	—	760

See footnotes at end of table.



**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Central Louisiana Elec Co</b>									
Dolet Hills (LA).....	379,107	—	864	—	—	—	304	—	9
Franklin (LA).....	—	—	—	—	—	—	—	—	—
Rodemacher (LA).....	285,656	—	174,970	—	—	—	173	—	1,707
Teche (LA).....	—	—	143,735	—	—	—	—	—	1,559
<b>Central Maine Power Co</b>									
Andro Lower (ME).....	—	761	—	—	—	—	—	3	—
Androscoggin 3 (ME).....	—	—	—	—	—	—	—	—	—
Bar Mills (ME).....	—	—	—	—	—	—	—	—	—
Bates Lower (ME).....	—	—	—	—	—	—	—	—	—
Bates Upper (ME).....	—	—	—	—	—	—	—	—	—
Bonny Eagle (ME).....	—	—	—	—	—	—	—	—	—
Brunswick (ME).....	—	—	—	—	—	—	—	—	—
C. E. Monty (ME).....	—	—	—	—	—	—	—	—	—
Cape (ME).....	—	761	—	—	—	—	—	3	—
Cataract (ME).....	—	—	—	—	—	—	—	—	—
Continental Mills (ME).....	—	—	—	—	—	—	—	—	—
Deer Rips (ME).....	—	—	—	—	—	—	—	—	—
Fort Halifax (ME).....	—	—	—	—	—	—	—	—	—
Gulf Island (ME).....	—	—	—	—	—	—	—	—	—
Harris (ME).....	—	—	—	—	—	—	—	—	—
Hill Mill (ME).....	—	—	—	—	—	—	—	—	—
Hiram (ME).....	—	—	—	—	—	—	—	—	—
Islesboro (ME).....	—	—	—	—	—	—	—	—	—
Mason (ME).....	—	—	—	—	—	—	—	—	—
North Gorham (ME).....	—	—	—	—	—	—	—	—	—
Oakland (ME).....	—	—	—	—	—	—	—	—	—
Peaks Island (ME).....	—	—	—	—	—	—	—	—	—
Rice Rips (ME).....	—	—	—	—	—	—	—	—	—
Shawmut (ME).....	—	—	—	—	—	—	—	—	—
Skelton (ME).....	—	—	—	—	—	—	—	—	—
Smelt Hill (AK).....	—	—	—	—	—	—	—	—	—
Union Gas (ME).....	—	—	—	—	—	—	—	—	—
West Buxton (ME).....	—	—	—	—	—	—	—	—	—
West Channel (MA).....	—	—	—	—	—	—	—	—	—
Weston (ME).....	—	—	—	—	—	—	—	—	—
Williams (ME).....	—	—	—	—	—	—	—	—	—
Wyman Hydro (ME).....	—	—	—	—	—	—	—	—	—
Wyman, W F (ME).....	—	—	—	—	—	—	—	—	—
<b>Central Operating Co</b>									
Sporn, Phil (WV).....	434,908	1,725	—	—	—	—	171	3	—
	434,908	1,725	—	—	—	—	171	3	—
<b>Central Power &amp; Light Co</b>									
Bates, J L (TX).....	431,756	260	1,241,470	4,418	—	—	221	*	13,253
Coletto Creek (TX).....	—	—	81,230	—	—	—	—	—	917
431,756	259	—	—	—	—	221	*	—	
Davis, Barney M (TX).....	—	1	367,318	—	—	—	—	*	3,762
Eagle Pass (TX).....	—	—	—	4,418	—	—	—	—	—
Hill, Lon C (TX).....	—	—	202,939	—	—	—	—	—	2,278
Joslin, E S (TX).....	—	—	69,437	—	—	—	—	—	733
La Palma (TX).....	—	—	105,842	—	—	—	—	—	1,164
Laredo (TX).....	—	—	81,418	—	—	—	—	—	906
Nueces Bay (TX).....	—	—	218,591	—	—	—	—	—	2,181
Victoria (TX).....	—	—	114,695	—	—	—	—	—	1,311
<b>Chelan Pub Util Dist #1</b>									
Chelan (WA).....	—	—	—	1,046,075	—	—	—	—	—
	—	—	—	38,571	—	—	—	—	—
Rock Island (WA).....	—	—	—	296,911	—	—	—	—	—
Rocky Reach (WA).....	—	—	—	710,593	—	—	—	—	—
<b>Chillicothe (City of)</b>									
Chillicothe (MO).....	—	300	751	—	—	—	—	1	9
	—	300	751	—	—	—	—	1	9
<b>Chugach Elec Assn Inc</b>									
Beluga (AK).....	—	—	136,963	33,652	—	—	—	—	1,517
	—	—	123,214	—	—	—	—	—	1,314
Bernice Lake (AK).....	—	—	12,783	—	—	—	—	—	189
Bradley Lake (AK).....	—	—	—	28,654	—	—	—	—	—
Cooper Lake (AK).....	—	—	—	4,998	—	—	—	—	—
International (AK).....	—	—	126	—	—	—	—	—	3
Soldotna (AK).....	—	—	840	—	—	—	—	—	11

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Cincinnati Gas Elec Co</b> .....	<b>2,431,790</b>	<b>27,402</b>	<b>36,022</b>	—	—	—	<b>1,033</b>	<b>50</b>	<b>691</b>
Beckjord, Walter C (OH).....	618,564	16,208	—	—	—	—	274	30	—
Dicks Creek (OH).....	—	—	3,995	—	—	—	—	—	77
East Bend (KY).....	412,099	218	—	—	—	—	175	*	—
Miami Fort (OH).....	731,670	6,409	—	—	—	—	312	11	—
W. H. Zimmer ( ).....	669,457	4,417	—	—	—	—	272	7	—
Woodsdale (OH).....	—	150	32,027	—	—	—	—	*	614
<b>Citizens Utilities Co</b> .....	—	—	—	—	—	—	—	—	—
Valencia (AZ).....	—	—	—	—	—	—	—	—	—
<b>Clarksdale (City of)</b> .....	—	—	<b>8,024</b>	—	—	—	—	—	<b>94</b>
South (MS).....	—	—	8,024	—	—	—	—	—	94
Third St (MS).....	—	—	—	—	—	—	—	—	—
<b>Cleveland (City of)</b> .....	—	<b>46</b>	<b>305</b>	—	—	—	—	*	<b>7</b>
Collinwood (OH).....	—	6	22	—	—	—	—	*	1
Lake Road (OH).....	—	—	—	—	—	—	—	—	—
West 41st Street (OH).....	—	40	283	—	—	—	—	*	6
<b>Cleveland Elec Illum Co</b> .....	<b>899,712</b>	<b>7,241</b>	—	—	<b>855,589</b>	—	<b>392</b>	<b>10</b>	—
Ashabula (OH).....	74,839	15	—	—	—	—	38	*	—
Avon Lake (OH).....	198,287	4,558	—	—	—	—	93	3	—
Eastlake (OH).....	581,365	1,948	—	—	—	—	237	4	—
Lake Shore (OH).....	45,221	720	—	—	—	—	23	2	—
Perry (OH).....	—	—	—	—	855,589	—	—	—	—
<b>Coffeyville (City of)</b> .....	—	—	<b>11,312</b>	—	—	—	—	—	<b>147</b>
Coffeyville (KS).....	—	—	11,312	—	—	—	—	—	147
<b>Colorado Springs(City of)</b> .....	<b>176,570</b>	<b>2,235</b>	<b>11,102</b>	<b>11,267</b>	—	—	<b>92</b>	<b>4</b>	<b>195</b>
Drake, Martin (CO).....	111,962	—	3,303	—	—	—	60	—	39
George Birdsal (CO).....	—	—	7,799	—	—	—	—	—	156
Manitou (CO).....	—	—	—	2,480	—	—	—	—	—
Ray D. Nixon (CO).....	64,608	2,235	—	—	—	—	33	4	—
Ruxton (CO).....	—	—	—	109	—	—	—	—	—
Tesla (CO).....	—	—	—	8,678	—	—	—	—	—
<b>Columbia (City of)</b> .....	<b>5,970</b>	—	—	—	—	—	<b>4</b>	—	—
Columbia (MO).....	5,970	—	—	—	—	—	4	—	—
<b>Columbus Southern Pwr Co</b> .....	<b>919,953</b>	<b>253</b>	—	—	—	—	<b>406</b>	*	—
Conesville (OH).....	889,328	212	—	—	—	—	390	*	—
Picway (OH).....	30,625	41	—	—	—	—	17	*	—
<b>Commonwealth Edison Co</b> .....	<b>2,182,550</b>	<b>11,386</b>	<b>333,524</b>	—	<b>6,848,056</b>	—	<b>1,333</b>	<b>22</b>	<b>4,213</b>
Bloom (IL).....	—	212	—	—	—	—	—	1	—
Braidwood (IL).....	—	—	—	—	1,630,038	—	—	—	—
Byron (IL).....	—	—	—	—	1,605,965	—	—	—	—
Calumet (IL).....	—	—	2,018	—	—	—	—	—	56
Collins (IL).....	—	—	286,955	—	—	—	—	—	3,617
Crawford (IL).....	78,505	1	7,752	—	—	—	57	*	80
Dresden (IL).....	—	—	—	—	1,114,738	—	—	—	—
Electric Junction (IL).....	—	—	4,332	—	—	—	—	—	85
Fisk Street (IL).....	102,306	339	240	—	—	—	53	1	2
Joliet (IL).....	159,934	44	3,198	—	—	—	97	*	67
Joliet 29 (IL).....	482,302	—	21,920	—	—	—	287	—	216
Lasalle (IL).....	—	—	—	—	1,384,197	—	—	—	—
Lombard (IL).....	—	—	1,461	—	—	—	—	—	33
Powerton (IL).....	780,085	—	892	—	—	—	508	—	10
Quad-cities (IL).....	—	—	—	—	1,113,118	—	—	—	—
Sabrooke (IL).....	—	1,358	—	—	—	—	—	5	—
Waukegan (IL).....	371,482	1,815	4,756	—	—	—	222	3	47
Will County (IL).....	207,936	7,617	—	—	—	—	109	12	—
<b>Connecticut Lgt &amp; Pwr Co</b> .....	—	<b>502,282</b>	<b>157,500</b>	<b>11,964</b>	—	<b>39,647</b>	—	<b>953</b>	<b>1,805</b>
Bantam (CT).....	—	—	—	20	—	—	—	—	—
Branford (CT).....	—	352	—	—	—	—	—	1	—
Bulls Bridge (CT).....	—	—	—	1,676	—	—	—	—	—
Cos Cob (CT).....	—	2,070	—	—	—	—	—	6	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Connecticut Lgt &amp; Pwr Co</b>									
Devon (CT).....	—	55,094	92,068	—	—	—	—	101	972
Falls Village (CT).....	—	—	—	1,322	—	—	—	—	—
Franklin (CT).....	—	586	—	—	—	—	—	1	—
Middletown (CT).....	—	164,261	63,812	—	—	—	—	347	816
Montville (CT).....	—	136,421	1,620	—	—	—	—	253	17
Norwalk Harbor (CT).....	—	137,016	—	—	—	—	—	225	—
Robertsville (CT).....	—	—	—	20	—	—	—	—	—
Rocky River (CT).....	—	—	—	968	—	—	—	—	—
Scotland (CT).....	—	—	—	106	—	—	—	—	—
Shepaug (CT).....	—	—	—	4,313	—	—	—	—	—
South Meadow (CT).....	—	5,292	—	—	—	39,647	—	14	—
Stevenson (CT).....	—	—	—	3,357	—	—	—	—	—
Taftville (CT).....	—	—	—	123	—	—	—	—	—
Torrington (CT).....	—	660	—	—	—	—	—	2	—
Tunnel (CT).....	—	530	—	59	—	—	—	1	—
<b>Consol Edison Co N Y Inc.....</b>	<b>—</b>	<b>72,416</b>	<b>412,508</b>	<b>—</b>	<b>716,613</b>	<b>—</b>	<b>—</b>	<b>136</b>	<b>4,277</b>
Arthur Kill (NY).....	—	—	—	—	—	—	—	—	—
Astoria (NY).....	—	41,786	347,581	—	—	—	—	66	3,420
Buchanan (NY).....	—	20	—	—	—	—	—	*	—
East River (NY).....	—	26,268	29,148	—	—	—	—	57	397
Gowanus (NY).....	—	2,813	—	—	—	—	—	8	—
Hudson Avenue (NY).....	—	—	—	—	—	—	—	—	—
Indian Point (NY).....	—	10	—	—	716,613	—	—	*	—
Narrows (NY).....	—	1,519	2,022	—	—	—	—	5	35
Oil Storage (NY).....	—	—	—	—	—	—	—	—	—
Oil Storage (NY).....	—	—	—	—	—	—	—	—	—
Ravenswood (NY).....	—	—	—	—	—	—	—	—	—
Waterside (NY).....	—	—	33,757	—	—	—	—	—	424
59Th Street (NY).....	—	—	—	—	—	—	—	—	—
74Th Street (NY).....	—	—	—	—	—	—	—	—	—
<b>Consumers Power Co.....</b>	<b>1,677,189</b>	<b>84,349</b>	<b>79,184</b>	<b>-43,730</b>	<b>559,638</b>	<b>—</b>	<b>760</b>	<b>176</b>	<b>1,187</b>
Alcona (MI).....	—	—	—	2,069	—	—	—	—	—
Allegan Dam (MI).....	—	—	—	810	—	—	—	—	—
Campbell, J H (MI).....	842,534	1,285	—	—	—	—	358	3	—
Cobb, B C (MI).....	186,523	—	6,952	—	—	—	94	—	70
Cooke (MI).....	—	—	—	2,031	—	—	—	—	—
Croton (MI).....	—	—	—	3,026	—	—	—	—	—
Five Channels (MI).....	—	—	—	1,956	—	—	—	—	—
Foote (MI).....	—	—	—	2,349	—	—	—	—	—
Gaylord (MI).....	—	—	3,920	—	—	—	—	—	41
Hardy (MI).....	—	—	—	6,806	—	—	—	—	—
Hodenpyl (MI).....	—	—	—	2,918	—	—	—	—	—
Karn, D E (MI).....	303,954	81,374	56,508	—	—	—	138	170	728
Loud (MI).....	—	—	—	1,482	—	—	—	—	—
Ludington (MI).....	—	—	—	-75,299	—	—	—	—	—
Mio (MI).....	—	—	—	1,153	—	—	—	—	—
Morrow, B E (MI).....	—	—	1,206	—	—	—	—	—	20
Palisades (MI).....	—	—	—	—	559,638	—	—	—	—
Rogers (MI).....	—	—	—	2,182	—	—	—	—	—
Straits (MI).....	—	—	577	—	—	—	—	—	12
Thetford (MI).....	—	—	9,101	—	—	—	—	—	307
Tippy, C W (MI).....	—	—	—	4,261	—	—	—	—	—
Weadock, J C (MI).....	168,262	287	920	—	—	—	86	1	10
Webber (MI).....	—	—	—	526	—	—	—	—	—
Whiting, J R (MI).....	175,916	1,403	—	—	—	—	85	3	—
<b>Cooperative Power Asso.....</b>	<b>717,096</b>	<b>270</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>638</b>	<b>1</b>	<b>—</b>
Bonifacius (MN).....	—	104	—	—	—	—	—	*	—
Coal Creek (ND).....	717,096	166	—	—	—	—	638	*	—
<b>Corn belt Power Coop.....</b>	<b>1,861</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>
Humboldt (IA).....	-15	—	—	—	—	—	—	—	—
Wisdom, Earl F (IA).....	1,876	—	—	—	—	—	1	—	—
<b>Dairyland Power Coop.....</b>	<b>259,250</b>	<b>1,194</b>	<b>—</b>	<b>5,813</b>	<b>—</b>	<b>—</b>	<b>159</b>	<b>2</b>	<b>—</b>
Alma (WI).....	59,713	115	—	—	—	—	34	*	—
Flambeau (WI).....	—	—	—	5,813	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Dairyland Power Coop</b>									
Genoa (WI).....	29,683	879	—	—	—	—	15	2	—
J P Madgett (WI).....	169,854	200	—	—	—	—	110	1	—
<b>Dayton Pwr &amp; Lgt Co (The).....</b>	<b>1,731,613</b>	<b>10,385</b>	<b>27,698</b>	—	—	—	<b>739</b>	<b>18</b>	<b>357</b>
Frank M Tait (OH).....	—	500	18,418	—	—	—	—	1	229
Hutchings (OH).....	58,211	—	5,064	—	—	—	27	*	59
Killen Station (OH).....	420,661	676	—	—	—	—	176	1	—
Monument (OH).....	—	652	—	—	—	—	—	1	—
Sidney (OH).....	—	689	—	—	—	—	—	1	—
Stuart, J M (OH).....	1,252,741	7,867	—	—	—	—	536	13	—
Yankee Street (OH).....	—	1	4,216	—	—	—	—	*	69
<b>Delmarva Power &amp; Light Co.....</b>	<b>190,484</b>	<b>119,904</b>	<b>290,152</b>	—	—	—	<b>86</b>	<b>217</b>	<b>2,541</b>
Bayview (VA).....	—	1,236	—	—	—	—	—	2	—
Christiana (DE).....	—	357	—	—	—	—	—	1	—
Crisfield (MD).....	—	1,005	—	—	—	—	—	2	—
Delaware City (DE).....	—	16	—	—	—	—	—	*	—
Edge Moor (DE).....	50,846	64,242	89,135	—	—	—	21	104	1,007
Hay Road (DE).....	—	—	201,017	—	—	—	—	—	1,535
Indian River (DE).....	139,638	4,378	—	—	—	—	65	9	—
Madison Street (DE).....	—	1	—	—	—	—	—	*	—
Tasley (VA).....	—	1,669	—	—	—	—	—	5	—
Vienna (MD).....	—	46,784	—	—	—	—	—	93	—
West Substation (DE).....	—	216	—	—	—	—	—	1	—
<b>Denton (City of).....</b>	—	—	<b>28,768</b>	<b>1,435</b>	—	—	—	—	<b>358</b>
Lewisdale (TX).....	—	—	—	761	—	—	—	—	—
Roberts (TX).....	—	—	—	674	—	—	—	—	—
Spencer (TX).....	—	—	28,768	—	—	—	—	—	358
<b>Deseret Gen &amp; Trans Coop.....</b>	<b>237,227</b>	<b>225</b>	—	—	—	—	<b>114</b>	<b>*</b>	—
Bonanza (UT).....	237,227	225	—	—	—	—	114	*	—
<b>Detroit (City of).....</b>	—	<b>253</b>	<b>31,780</b>	—	—	—	—	<b>2</b>	<b>412</b>
Mistersky (MI).....	—	253	31,780	—	—	—	—	2	412
<b>Detroit Edison Co (The).....</b>	<b>3,803,427</b>	<b>39,680</b>	<b>157,664</b>	—	<b>780,068</b>	—	<b>1,865</b>	<b>76</b>	<b>3,287</b>
Beacon Heating (MI).....	—	—	—	—	—	—	—	—	—
Belle River (MI).....	822,180	948	—	—	—	—	447	2	—
Central Storage (MI).....	—	—	—	—	—	—	—	—	—
Colfax (MI).....	—	721	—	—	—	—	—	1	—
Conners Creek (MI).....	—	256	9,702	—	—	—	—	*	158
Dayton (MI).....	—	543	—	—	—	—	—	1	—
Enrico Fermi (MI).....	—	2,194	—	—	780,068	—	—	6	—
Greenwood (MI).....	—	9,353	105,404	—	—	—	—	18	1,219
Hancock (MI).....	—	—	5,499	—	—	—	—	—	93
Harbor Beach (MI).....	21,084	358	—	—	—	—	10	1	—
Marysville (MI).....	9,503	—	751	—	—	—	6	—	13
Monroe (MI).....	1,566,656	11,868	—	—	—	—	713	20	—
Northeast (MI).....	—	1,570	2,850	—	—	—	—	4	62
Oliver (MI).....	—	689	—	—	—	—	—	1	—
Placid (MI).....	—	640	—	—	—	—	—	1	—
Putnam (MI).....	—	712	—	—	—	—	—	1	—
River Rouge (MI).....	316,348	545	21,696	—	—	—	149	1	1,627
Slocum (MI).....	—	745	—	—	—	—	—	1	—
St. Clair (MI).....	725,721	5,413	11,762	—	—	—	371	9	114
Superior (MI).....	—	2,078	—	—	—	—	—	6	—
Trenton Channel (MI).....	341,935	419	—	—	—	—	169	1	—
Wilmott (MI).....	—	628	—	—	—	—	—	1	—
<b>Douglas Pub Util Dist # 1.....</b>	—	—	—	<b>464,028</b>	—	—	—	—	—
Wells (WA).....	—	—	—	464,028	—	—	—	—	—
<b>Dover (City of).....</b>	—	<b>16,998</b>	—	—	—	—	—	<b>32</b>	—
Mckee Run (DE).....	—	14,749	—	—	—	—	—	27	—
Van Sant (DE).....	—	2,249	—	—	—	—	—	5	—
<b>Dover (City of).....</b>	<b>2,595</b>	<b>20</b>	<b>203</b>	—	—	—	<b>*</b>	<b>*</b>	<b>1</b>
Dover (OH).....	2,595	20	203	—	—	—	*	*	1

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)  Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Duke Power Co.</b> .....	<b>4,183,491</b>	<b>9,695</b>	<b>71,624</b>	<b>82,303</b>	<b>4,032,950</b>	—	<b>1,581</b>	<b>25</b>	<b>892</b>
Allen (NC) .....	578,073	871	—	—	—	—	223	1	—
Bad Creek (SC).....	—	—	—	-51,256	—	—	—	—	—
Bear Creek (NC).....	—	—	—	1,622	—	—	—	—	—
Belews Creek (NC).....	1,435,511	915	—	—	—	—	525	1	—
Bridgewater (NC).....	—	—	—	1,547	—	—	—	—	—
Bryson (NC).....	—	—	—	413	—	—	—	—	—
Buck (NC).....	162,690	633	1,885	—	—	—	69	1	27
Buzzard Roost (SC).....	—	3,507	524	1,454	—	—	—	11	10
Catawba (NC).....	—	—	—	—	1,256,920	—	—	—	—
Cedar Cliff (NC).....	—	—	—	1,228	—	—	—	—	—
Cedar Creek (SC).....	—	—	—	3,857	—	—	—	—	—
Cliffside (NC).....	367,913	415	—	—	—	—	145	1	—
Cowans Ford (NC).....	—	—	—	4,708	—	—	—	—	—
Dan River (NC) .....	113,116	597	521	—	—	—	49	1	14
Dearborn (SC).....	—	—	—	5,362	—	—	—	—	—
Dillsboro (NC) .....	—	—	—	—	—	—	—	—	—
Fishing Creek (SC).....	—	—	—	4,482	—	—	—	—	—
Franklin (NC).....	—	—	—	344	—	—	—	—	—
Gaston Shoals (SC).....	—	—	—	1,021	—	—	—	—	—
Great Falls (SC).....	—	—	—	88	—	—	—	—	—
Jocassee (SC) .....	—	—	—	-2,408	—	—	—	—	—
Keowee (SC).....	—	—	—	8,233	—	—	—	—	—
Lee (SC).....	131,024	960	—	—	—	—	54	5	—
Lincoln (NC).....	—	29	67,756	—	—	—	—	*	819
Lookout Shoals (NC).....	—	—	—	3,761	—	—	—	—	—
Marshall (NC).....	1,227,616	1,302	—	—	—	—	447	2	—
Mc Guire (NC).....	—	—	—	—	1,636,220	—	—	—	—
Mission (NC).....	—	—	—	—	—	—	—	—	—
Mountain Island (NC).....	—	—	—	2,729	—	—	—	—	—
Nantahala (NC).....	—	—	—	14,602	—	—	—	—	—
Oconee (SC).....	—	—	—	—	1,139,810	—	—	—	—
Oxford (NC).....	—	—	—	4,165	—	—	—	—	—
Queens Creek (NC).....	—	—	—	273	—	—	—	—	—
Rhodhiss (NC).....	—	—	—	2,358	—	—	—	—	—
Riverbend (NC).....	167,548	466	938	—	—	—	69	1	22
Rocky Creek (SC).....	—	—	—	26	—	—	—	—	—
Tennessee Creek (NC).....	—	—	—	2,104	—	—	—	—	—
Thorpe (NC).....	—	—	—	4,498	—	—	—	—	—
Tuckasegee (NC).....	—	—	—	548	—	—	—	—	—
Tuxedo (NC).....	—	—	—	858	—	—	—	—	—
Waterree (SC).....	—	—	—	58,370	—	—	—	—	—
Wylie (SC).....	—	—	—	4,812	—	—	—	—	—
99 Islands (SC).....	—	—	—	2,504	—	—	—	—	—
<b>Duquesne Lgt Co.</b> .....	<b>312,685</b>	<b>5,098</b>	<b>8,267</b>	—	<b>1,179,299</b>	—	<b>140</b>	<b>15</b>	<b>82</b>
Beaver Valley (PA).....	—	—	—	—	1,179,299	—	—	—	—
Brunot Island (PA).....	—	898	—	—	—	—	—	7	—
Cheswick (PA).....	199,264	—	8,267	—	—	—	78	—	82
Elrama (PA).....	113,421	4,200	—	—	—	—	62	9	—
Phillips, F (PA).....	—	—	—	—	—	—	—	—	—
<b>East Kentucky Power Coop.</b> .....	<b>785,878</b>	<b>487</b>	<b>17,804</b>	—	—	—	<b>317</b>	<b>1</b>	<b>228</b>
Cooper (KY).....	154,915	191	—	—	—	—	63	*	—
Dale (KY).....	93,579	155	—	—	—	—	44	*	—
Smith (KY).....	—	80	17,804	—	—	—	—	*	228
Spurlock, H L (KY).....	537,384	61	—	—	—	—	210	*	—
<b>El Paso Electric Co.</b> .....	—	—	<b>219,700</b>	—	—	—	—	—	<b>2,382</b>
Copper (TX).....	—	—	6,604	—	—	—	—	—	97
Newman (TX).....	—	—	173,814	—	—	—	—	—	1,824
Rio Grande (NM).....	—	—	39,282	—	—	—	—	—	460
<b>Electric Energy Inc.</b> .....	<b>675,564</b>	—	<b>2,066</b>	—	—	—	<b>415</b>	—	<b>21</b>
Joppa Steam (IL).....	675,564	—	2,066	—	—	—	415	—	21
<b>Empire District Elec Co.</b> .....	<b>166,988</b>	<b>108</b>	<b>57,493</b>	<b>8,210</b>	—	—	<b>111</b>	<b>*</b>	<b>751</b>
Asbury (MO).....	127,126	108	—	—	—	—	78	*	—
Energy Center (MO).....	—	—	5,388	—	—	—	—	—	84
Ozark Beach (MO).....	—	—	—	8,210	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Empire District Elec Co</b>									
Riverton (KS).....	39,862	—	2,035	—	—	—	33	—	38
State Line (MO).....	—	—	50,070	—	—	—	—	—	630
<b>Eugene (City of) .....</b>	—	—	—	<b>34,181</b>	—	—	—	—	—
Carmen (OR).....	—	—	—	18,872	—	—	—	—	—
Leaburg (OR).....	—	—	—	8,838	—	—	—	—	—
Walterville (OR) .....	—	—	—	6,471	—	—	—	—	—
Willamette (OR).....	—	—	—	—	—	—	—	—	—
<b>Fayetteville (City of) .....</b>	—	<b>58</b>	<b>16,475</b>	—	—	—	—	*	<b>200</b>
Pod # 2 (NC).....	—	58	16,475	—	—	—	—	*	200
<b>Florida Power &amp; Light Co.....</b>	—	<b>2,163,160</b>	<b>2,186,682</b>	—	<b>2,084,605</b>	—	—	<b>3,457</b>	<b>17,892</b>
Cape Canaveral (FL) .....	—	194,638	109,543	—	—	—	—	305	1,040
Cutler (FL).....	—	—	34,166	—	—	—	—	—	429
Fort Meyers (FL).....	—	257,968	—	—	—	—	—	402	—
Lauderdale (FL).....	—	15	592,388	—	—	—	—	*	4,360
Manatee (FL).....	—	521,164	—	—	—	—	—	865	—
Martin (FL).....	—	206,631	867,042	—	—	—	—	321	6,925
Port Everglades (FL).....	—	359,945	96,855	—	—	—	—	563	725
Putnam (FL).....	—	—	247,280	—	—	—	—	—	2,119
Riviera (FL).....	—	198,101	56,998	—	—	—	—	317	594
Sanford (FL).....	—	253,017	47,102	—	—	—	—	421	383
St. Lucie (FL).....	—	—	—	—	1,068,761	—	—	—	—
Turkey Point (FL).....	—	171,681	135,308	—	1,015,844	—	—	263	1,317
<b>Florida Power Corporation.....</b>	<b>1,352,776</b>	<b>543,939</b>	<b>545,169</b>	—	<b>541,399</b>	—	<b>527</b>	<b>898</b>	<b>4,431</b>
Anclote (FL).....	—	304,072	3,722	—	—	—	—	487	37
Avon Park (FL).....	—	8	1,146	—	—	—	—	*	17
Bartow Nth (FL).....	—	—	—	—	—	—	—	—	—
Bartow Sth (FL).....	—	—	—	—	—	—	—	—	—
Bartow Sth (FL).....	—	—	—	—	—	—	—	—	—
Bartow, P L (FL).....	—	205,179	7,173	—	—	—	—	332	96
Bayboro (FL).....	—	1,328	—	—	—	—	—	3	—
Crystal River (FL).....	1,352,776	3,504	—	—	541,399	—	527	6	—
Debary (FL).....	—	6,789	29,519	—	—	—	—	21	337
Higgins (FL).....	—	—	2,570	—	—	—	—	—	41
Hines Energy (FL).....	—	—	309,080	—	—	—	—	—	2,194
Intercession City (FL).....	—	7,421	22,952	—	—	—	—	15	297
Port St. Joe (FL).....	—	—	—	—	—	—	—	—	—
Rio Pinar (FL).....	—	415	—	—	—	—	—	1	—
Suwannee River (FL).....	—	14,789	12,636	—	—	—	—	31	195
Tiger Bay (FL).....	—	—	130,446	—	—	—	—	—	971
Turner, G E (FL).....	—	434	—	—	—	—	—	1	—
Univ Proj (FL).....	—	—	25,925	—	—	—	—	—	247
<b>Fort Pierce (City of).....</b>	—	<b>43</b>	<b>14,464</b>	—	—	—	—	*	<b>187</b>
King (FL).....	—	43	14,464	—	—	—	—	*	187
<b>Fremont (City of) .....</b>	<b>40,277</b>	<b>8</b>	<b>3,415</b>	—	—	—	<b>28</b>	*	<b>43</b>
Lon Wright (NE).....	40,277	8	3,415	—	—	—	28	*	43
<b>Gainesville (City of) .....</b>	<b>99,237</b>	<b>3,054</b>	<b>51,381</b>	—	—	—	<b>41</b>	<b>6</b>	<b>643</b>
Deerhaven (FL).....	99,237	2,150	41,637	—	—	—	41	4	513
Kelly, J R (FL).....	—	904	9,744	—	—	—	—	2	130
<b>Garland Mun Utils (City) .....</b>	—	—	<b>124,062</b>	—	—	—	—	—	<b>1,433</b>
Newman, C E (TX).....	—	—	6,200	—	—	—	—	—	73
Olinger, Ray (TX).....	—	—	117,862	—	—	—	—	—	1,361
<b>Georgia Power Co.....</b>	<b>6,312,011</b>	<b>53,804</b>	<b>101,608</b>	<b>124,990</b>	<b>2,559,154</b>	—	<b>2,863</b>	<b>119</b>	<b>1,052</b>
Arkwright (GA).....	23,500	—	32,265	—	—	—	14	—	337
Atkinson (GA).....	—	117	365	—	—	—	—	*	4
Barnett Shoals (GA).....	—	—	—	564	—	—	—	—	—
Bartlett Ferry (GA).....	—	—	—	27,065	—	—	—	—	—
Bowen (GA).....	1,959,124	1,940	—	—	—	—	742	3	—
Burton (GA).....	—	—	—	1,198	—	—	—	—	—
Estatoah (GA).....	—	—	—	—	—	—	—	—	—
Flint River (GA).....	—	—	—	1,594	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Georgia Power Co</b>									
Goat Rock (GA).....	—	—	—	11,821	—	—	—	—	—
Hammond (GA).....	397,347	71	—	—	—	—	163	*	—
Harlee Branch (GA).....	652,928	400	—	—	—	—	262	1	—
Hatch, Edwin I. (GA).....	—	—	—	—	907,802	—	—	—	—
Langdale (GA).....	—	—	—	216	—	—	—	—	—
Lloyd Shoals (GA).....	—	—	—	2,735	—	—	—	—	—
McDonough, J (GA).....	275,537	55	19,997	—	—	—	101	*	187
Mcmanus (GA).....	—	34,555	—	—	—	—	—	74	—
Mitchell, W (GA).....	64,866	3,470	—	—	—	—	30	9	—
Morgan Falls (GA).....	—	—	—	3,124	—	—	—	—	—
Nacoochee (GA).....	—	—	—	756	—	—	—	—	—
North Highlands (GA).....	—	—	—	7,395	—	—	—	—	—
Oliver Dam (GA).....	—	—	—	15,361	—	—	—	—	—
Riverview (GA).....	—	—	—	104	—	—	—	—	—
Robins (GA).....	—	—	10,281	—	—	—	—	—	125
Scherer (GA).....	1,414,848	594	—	—	—	—	960	1	—
Sinclair Dam (GA).....	—	—	—	2,731	—	—	—	—	—
Tallulah Falls (GA).....	—	—	—	6,841	—	—	—	—	—
Terrora (GA).....	—	—	—	2,196	—	—	—	—	—
Tugalo (GA).....	—	—	—	5,490	—	—	—	—	—
Vogtle (GA).....	—	—	—	—	1,651,352	—	—	—	—
Wallace Dam (GA).....	—	—	—	33,515	—	—	—	—	—
Wansley (GA).....	954,958	3,205	—	—	—	—	374	5	—
Wilson (GA).....	—	8,829	—	—	—	—	—	24	—
Yates (GA).....	568,903	568	38,700	—	—	—	216	1	399
Yonah (GA).....	—	—	—	2,284	—	—	—	—	—
<b>Glendale (City of).....</b>	—	—	<b>21,092</b>	—	—	—	—	—	<b>273</b>
Grayson (CA).....	—	—	21,092	—	—	—	—	—	273
<b>Golden Valley Elec Assn.....</b>	<b>8,802</b>	<b>44,402</b>	—	—	—	—	<b>8</b>	<b>85</b>	—
Chena (AK).....	—	-14	—	—	—	—	—	—	—
Fairbanks (AK).....	—	348	—	—	—	—	—	1	—
Healy (AK).....	8,802	200	—	—	—	—	8	*	—
North Pole (AK).....	—	43,868	—	—	—	—	—	84	—
<b>Grand Haven (City of).....</b>	<b>34,473</b>	<b>35</b>	<b>40</b>	—	—	—	<b>18</b>	<b>*</b>	<b>*</b>
Harbor Avenue (MI).....	—	35	40	—	—	—	—	*	*
J B Simms (MI).....	34,473	—	—	—	—	—	18	—	—
<b>Grand Island (City of).....</b>	<b>47,905</b>	<b>130</b>	<b>2,301</b>	—	—	—	<b>31</b>	<b>*</b>	<b>33</b>
Burdick, C W (NE).....	—	130	2,301	—	—	—	—	*	33
Platte (NE).....	47,905	—	—	—	—	—	31	—	—
<b>Grand River Dam Authority.....</b>	<b>486,337</b>	<b>87</b>	<b>1,719</b>	<b>120,514</b>	—	—	<b>309</b>	<b>*</b>	<b>19</b>
GRDA No 1 (OK).....	486,337	87	1,719	—	—	—	309	*	19
Markham (OK).....	—	—	—	61,842	—	—	—	—	—
Pensacola (OK).....	—	—	—	67,278	—	—	—	—	—
Salina (OK).....	—	—	—	-8,606	—	—	—	—	—
<b>Grant Pub Util Dist #2.....</b>	—	—	—	<b>915,426</b>	—	—	—	—	—
Pec Hdwks (WA).....	—	—	—	4,282	—	—	—	—	—
Priest Rapids (WA).....	—	—	—	336,182	—	—	—	—	—
Quincy Chut (WA).....	—	—	—	3,657	—	—	—	—	—
Wanapum (WA).....	—	—	—	571,305	—	—	—	—	—
<b>Green Mountain Power Corp.....</b>	—	<b>3,796</b>	—	<b>3,731</b>	—	<b>665</b>	—	<b>10</b>	—
Berlin (VT).....	—	3,052	—	—	—	—	—	8	—
Bolton Falls (VT).....	—	—	—	665	—	—	—	—	—
Carthusians (VT).....	—	—	—	—	—	—	—	—	—
Colchester (VT).....	—	226	—	—	—	—	—	1	—
Essex Junction 19 (VT).....	—	216	—	1,521	—	—	—	*	—
Gorge 18 (VT).....	—	—	—	96	—	—	—	—	—
Marshfield 6 (VT).....	—	—	—	277	—	—	—	—	—
Middlesex 2 (VT).....	—	—	—	305	—	—	—	—	—
Searsburg (VT).....	—	—	—	—	—	665	—	—	—
Vergennes 9 (VT).....	—	302	—	251	—	—	—	1	—
Waterbury 22 (VT).....	—	—	—	433	—	—	—	—	—
West Danville 15 (VT).....	—	—	—	183	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)  Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Greenville (City of)</b> .....	—	—	—	—	—	—	—	—	—
Steam (TX).....	—	—	—	—	—	—	—	—	—
Steam (TX).....	—	—	—	—	—	—	—	—	—
<b>Gulf Power Company</b> .....	<b>764,521</b>	<b>1,575</b>	<b>41,010</b>	—	—	—	<b>338</b>	<b>3</b>	<b>452</b>
Crist (FL).....	493,584	249	41,010	—	—	—	222	*	452
Scholz (FL).....	33,213	15	—	—	—	—	17	*	—
Smith (FL).....	237,724	1,311	—	—	—	—	99	2	—
<b>Gulf States Utilities Co</b> .....	<b>249,618</b>	<b>1,626</b>	<b>2,170,800</b>	<b>13,906</b>	—	—	<b>162</b>	<b>3</b>	<b>22,403</b>
Lewis Creek (TX).....	—	—	299,521	—	—	—	—	—	3,023
Louisiana 1 (LA).....	—	—	—	—	—	—	—	—	—
Louisiana 2 (LA).....	—	—	—	—	—	—	—	—	—
Neches (TX).....	—	—	—	—	—	—	—	—	—
Nelson, R S (LA).....	249,618	1,485	259,959	—	—	—	162	3	2,781
River Bend (LA).....	—	—	—	—	—	—	—	—	—
Sabine (TX).....	—	4	971,977	—	—	—	—	*	9,583
Toledo Bend (TX).....	—	—	—	13,906	—	—	—	—	—
Willow Glen (LA).....	—	137	639,343	—	—	—	—	*	7,016
<b>GPU Nuclear Corp</b> .....	—	—	—	—	<b>1,014,073</b>	—	—	—	—
Oyster Creek (NJ).....	—	—	—	—	435,323	—	—	—	—
Three Mile Island (PA).....	—	—	—	—	578,750	—	—	—	—
<b>Hamilton (City of)</b> .....	<b>30,825</b>	<b>6</b>	<b>5,072</b>	<b>18,922</b>	—	—	<b>17</b>	<b>*</b>	<b>68</b>
Hamilton (OH).....	30,825	6	5,072	—	—	—	17	*	68
Hamilton Hydro (OH).....	—	—	—	288	—	—	—	—	—
Vanceburg Hydro (KY).....	—	—	—	18,634	—	—	—	—	—
<b>Hastings (City of)</b> .....	<b>42,263</b>	<b>19</b>	<b>3,649</b>	—	—	—	<b>33</b>	<b>*</b>	<b>52</b>
Don Henry (NE).....	—	—	312	—	—	—	—	—	6
North Denver (NE).....	—	—	3,337	—	—	—	—	—	46
Whelan (NE).....	42,263	19	—	—	—	—	33	*	—
<b>Hawaiian Elec Co Inc</b> .....	—	<b>338,580</b>	—	—	—	—	—	<b>563</b>	—
Honolulu (HI).....	—	5,513	—	—	—	—	—	13	—
Kahe (HI).....	—	239,807	—	—	—	—	—	388	—
Oil Storage (CA).....	—	—	—	—	—	—	—	—	—
Waiau (HI).....	—	93,260	—	—	—	—	—	162	—
<b>Hetch Hetchy Water &amp; Pwr</b> .....	—	—	—	<b>249,681</b>	—	—	—	—	—
Holm, Dion R (CA).....	—	—	—	119,196	—	—	—	—	—
Kirkwood, Robert C (CA).....	—	—	—	87,731	—	—	—	—	—
Moccasin (CA).....	—	—	—	41,717	—	—	—	—	—
Moccasin Low (CA).....	—	—	—	1,037	—	—	—	—	—
<b>Holland (City of)</b> .....	<b>29,939</b>	<b>147</b>	<b>10,974</b>	—	—	—	<b>16</b>	<b>1</b>	<b>141</b>
James De Young (MI).....	29,939	30	15	—	—	—	16	*	*
48 Street (MI).....	—	1	10,959	—	—	—	—	*	141
6Th Street (MI).....	—	116	—	—	—	—	—	*	—
<b>Holyoke Wtr Pwr Co</b> .....	<b>83,123</b>	<b>94</b>	—	<b>5,205</b>	—	—	<b>33</b>	<b>*</b>	—
Boatlock (MA).....	—	—	—	39	—	—	—	—	—
Chemical (MA).....	—	—	—	99	—	—	—	—	—
Hadley Falls (MA).....	—	—	—	4,822	—	—	—	—	—
Holbrook, Beebe (MA).....	—	—	—	15	—	—	—	—	—
Mt Tom (MA).....	83,123	94	—	—	—	—	33	*	—
Riverside (MA).....	—	—	—	223	—	—	—	—	—
Skinner (MA).....	—	—	—	7	—	—	—	—	—
<b>Homestead (City of)</b> .....	—	<b>670</b>	<b>6,031</b>	—	—	—	—	<b>1</b>	<b>59</b>
G W Ivey (FL).....	—	670	6,031	—	—	—	—	1	59
<b>Hoosier Energy Rural</b> .....	<b>694,974</b>	<b>1,656</b>	—	—	—	—	<b>320</b>	<b>3</b>	—
Merom (IN).....	623,869	1,287	—	—	—	—	287	2	—
Ratts (IN).....	71,105	369	—	—	—	—	32	1	—
<b>Hutchinson (City of)</b> .....	—	<b>6</b>	<b>30,628</b>	—	—	—	—	<b>*</b>	<b>265</b>
Plant No. 1 (MN).....	—	6	1,962	—	—	—	—	*	24
Plant No. 2 (MN).....	—	—	28,666	—	—	—	—	—	242

See footnotes at end of table.



**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Idaho Power Co.</b> .....	—	<b>8</b>	—	<b>1,145,310</b>	—	—	—	*	—
American Falls (ID).....	—	—	—	77,440	—	—	—	—	—
Bliss (ID).....	—	—	—	49,251	—	—	—	—	—
Brownlee (ID).....	—	—	—	370,615	—	—	—	—	—
Cascade (ID).....	—	—	—	8,923	—	—	—	—	—
Clear Lake (ID).....	—	—	—	1,212	—	—	—	—	—
Hells Canyon (OR).....	—	—	—	308,009	—	—	—	—	—
Lower Malad (ID).....	—	—	—	10,584	—	—	—	—	—
Lower Salmon (ID).....	—	—	—	42,227	—	—	—	—	—
Milner (ID).....	—	—	—	38,777	—	—	—	—	—
Oxbow (OR).....	—	—	—	92,926	—	—	—	—	—
Salmon (ID).....	—	<b>8</b>	—	—	—	—	—	*	—
Shoshone Falls (ID).....	—	—	—	9,488	—	—	—	—	—
Strike, C J (ID).....	—	—	—	62,650	—	—	—	—	—
Swan Falls (ID).....	—	—	—	7,360	—	—	—	—	—
Thousand Springs (ID).....	—	—	—	4,801	—	—	—	—	—
Twin Falls (ID).....	—	—	—	35,806	—	—	—	—	—
Upper Malad (ID).....	—	—	—	5,512	—	—	—	—	—
Upper Salmon (ID).....	—	—	—	12,645	—	—	—	—	—
Upper Salmon (ID).....	—	—	—	7,084	—	—	—	—	—
<b>Illinois Power Co.</b> .....	<b>1,292,226</b>	<b>11,787</b>	<b>20,917</b>	—	<b>645,802</b>	—	<b>602</b>	<b>20</b>	<b>275</b>
Baldwin (IL).....	804,522	1,274	—	—	—	—	389	2	—
Clinton (IL).....	—	—	—	—	645,802	—	—	—	—
Havana (IL).....	122,833	6,948	300	—	—	—	57	18	3
Hennepin (IL).....	136,748	1,100	1,050	—	—	—	44	—	12
Oglesby (IL).....	—	—	338	—	—	—	—	—	6
Stallings (IL).....	—	—	747	—	—	—	—	—	9
Tipton (MO).....	—	—	7,721	—	—	—	—	—	87
Vermilion (IL).....	45,876	—	1,400	—	—	—	26	—	15
Wood River (IL).....	182,247	2,465	9,361	—	—	—	85	—	143
<b>Imperial Irrigation Dist.</b> .....	—	<b>45</b>	<b>58,949</b>	<b>26,746</b>	—	—	—	*	<b>658</b>
Brawley (CA).....	—	—	—	—	—	—	—	—	—
Coachella (CA).....	—	43	1,559	—	—	—	—	*	24
Double Weir (CA).....	—	—	—	—	—	—	—	—	—
Drop No 1 (CA).....	—	—	—	1,620	—	—	—	—	—
Drop No. 5 (CA).....	—	—	—	2,216	—	—	—	—	—
Drop 2 (CA).....	—	—	—	6,089	—	—	—	—	—
Drop 3 (CA).....	—	—	—	5,848	—	—	—	—	—
Drop 4 (CA).....	—	—	—	8,603	—	—	—	—	—
E Highline (CA).....	—	—	—	523	—	—	—	—	—
El Centro (CA).....	—	—	57,272	—	—	—	—	—	618
Pilot Knob (CA).....	—	—	—	1,734	—	—	—	—	—
Rockwood (CA).....	—	2	118	—	—	—	—	*	16
Turnip (CA).....	—	—	—	113	—	—	—	—	—
<b>Independence (City of)</b> .....	<b>29,489</b>	<b>1,181</b>	<b>4,784</b>	—	—	—	<b>20</b>	<b>3</b>	<b>70</b>
Blue Valley (MO).....	23,524	—	3,417	—	—	—	15	—	46
Jackson Square (MO).....	—	337	—	—	—	—	—	1	—
Missouri City (MO).....	5,965	485	—	—	—	—	4	1	—
Station H (MO).....	—	11	1,367	—	—	—	—	*	23
Station I (MO).....	—	348	—	—	—	—	—	1	—
<b>Indiana Michigan Power Co.</b> .....	<b>2,202,034</b>	<b>2,045</b>	—	<b>8,489</b>	—	—	<b>1,133</b>	<b>4</b>	—
Berrien Springs (MI).....	—	—	—	3,248	—	—	—	—	—
Buchanan (MI).....	—	—	—	1,723	—	—	—	—	—
Constantine (MI).....	—	—	—	365	—	—	—	—	—
Cook, Donald C. (MI).....	—	—	—	—	—	—	—	—	—
Elkhart (IN).....	—	—	—	16	—	—	—	—	—
Fourth Street (IN).....	—	—	—	—	—	—	—	—	—
Mottville (MI).....	—	—	—	506	—	—	—	—	—
Rockport (IN).....	1,691,307	1,193	—	—	—	—	931	2	—
Tanners Creek (IN).....	510,727	852	—	—	—	—	202	1	—
Twin Branch (IN).....	—	—	—	2,631	—	—	—	—	—
<b>Indiana Mun Power Agency</b> .....	—	<b>1</b>	<b>3,068</b>	—	—	—	—	*	<b>42</b>
Anderson (IN).....	—	1	3,068	—	—	—	—	*	42
<b>Indiana-Kentucky El Corp</b> .....	<b>697,220</b>	<b>297</b>	—	—	—	—	<b>379</b>	<b>1</b>	—
Clifty Creek (IN).....	697,220	297	—	—	—	—	379	1	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Indianapolis Pwr &amp; Lgt Co.....</b>	<b>1,383,500</b>	<b>4,780</b>	<b>2,146</b>	—	—	—	<b>676</b>	<b>12</b>	—
Perry K (IN).....	—	—	2,146	—	—	—	—	—	—
Petersburg (IN).....	975,816	434	—	—	—	—	476	1	—
Pritchard, H T (IN).....	108,765	2,372	—	—	—	—	59	5	—
Stout, Elmer W (IN).....	298,919	1,974	—	—	—	—	140	6	—
<b>International Bound &amp; Water</b>									
<b>Comm</b> .....	—	—	—	<b>10,890</b>	—	—	—	—	—
Amistad (TX).....	—	—	—	8,152	—	—	—	—	—
Falcon (TX).....	—	—	—	2,738	—	—	—	—	—
<b>Interstate Power Co.....</b>	<b>260,015</b>	<b>3,656</b>	<b>16,985</b>	—	—	—	<b>149</b>	<b>9</b>	<b>203</b>
Dubuque (IA).....	30,498	30	822	—	—	—	18	*	11
Fox Lake (MN).....	—	851	14,691	—	—	—	—	2	177
Hills (MN).....	—	15	—	—	—	—	—	*	—
Kapp, M L (IA).....	104,559	—	1,472	—	—	—	48	—	16
Lansing (IA).....	124,958	1,028	—	—	—	—	83	2	—
Lime Creek (IA).....	—	1,566	—	—	—	—	—	4	—
Montgomery (MN).....	—	169	—	—	—	—	—	*	—
New Albin (IA).....	—	-3	—	—	—	—	—	—	—
Rushford (MN).....	—	—	—	—	—	—	—	—	—
<b>IES Utilities Co.....</b>	<b>625,573</b>	<b>10,523</b>	<b>17,716</b>	<b>686</b>	<b>248,697</b>	<b>1,616</b>	<b>401</b>	<b>23</b>	<b>256</b>
Ames (IA).....	—	10	—	—	—	—	—	*	—
Anamosa (IA).....	—	—	—	-3	—	—	—	—	—
Arnold, Duane (IA).....	—	—	—	—	248,697	—	—	—	—
Burlington (IA).....	90,412	—	1,844	—	—	—	59	—	31
Centerville (IA).....	—	545	—	—	—	—	—	2	—
Grinnell (IA).....	—	—	543	—	—	—	—	—	2
Iowa Falls (IA).....	—	—	—	338	—	—	—	—	—
Maquoketa (IA).....	—	—	—	351	—	—	—	—	—
Marshalltown (IA).....	—	7,320	—	—	—	—	—	17	—
Ottumwa (IA).....	352,414	2,636	—	—	—	—	226	5	—
Prairie Creek (IA).....	87,629	—	4,024	—	—	—	52	—	42
Sutherland (IA).....	82,673	—	3,892	—	—	—	54	—	49
6Th Street (IA).....	12,445	12	7,413	—	—	1,616	11	*	132
<b>Jacksonville (City of).....</b>	<b>723,637</b>	<b>485,180</b>	<b>89,007</b>	—	—	—	<b>283</b>	<b>528</b>	<b>884</b>
Kennedy, J D (FL).....	—	40,296	7,822	—	—	—	—	72	84
Northside (FL).....	—	222,276	67,598	—	—	—	—	365	656
Southside (FL).....	—	50,832	13,587	—	—	—	—	89	144
St. Johns River.....	723,637	171,776	—	—	—	—	283	2	—
<b>Jamestown (City of).....</b>	<b>12,057</b>	<b>43</b>	—	—	—	—	<b>7</b>	<b>*</b>	—
Carlson, S A (NY).....	12,057	43	—	—	—	—	7	*	—
<b>Jersey Central Power&amp;Light</b>									
<b>Co</b> .....	—	<b>6,764</b>	<b>5,983</b>	<b>-12,098</b>	—	—	—	<b>18</b>	<b>168</b>
Forked River (NJ).....	—	206	1,700	—	—	—	—	4	3
Gardner, Glen (NJ).....	—	20	—	—	—	—	—	*	—
Gilbert (NJ).....	—	3,615	—	—	—	—	—	5	—
Sayreville (NJ).....	—	12	4,283	—	—	—	—	*	166
Werner (NJ).....	—	2,911	—	—	—	—	—	9	—
Yards Creek (NJ).....	—	—	—	-12,098	—	—	—	—	—
<b>Kansas City (City of).....</b>	<b>213,055</b>	<b>837</b>	<b>5,479</b>	—	—	—	<b>139</b>	<b>3</b>	<b>132</b>
Kaw (KS).....	—	—	1,769	—	—	—	—	—	46
Nearman Creek (KS).....	126,970	399	—	—	—	—	87	1	—
Quindaro (KS).....	86,085	438	3,710	—	—	—	52	2	86
<b>Kansas City Pwr &amp; Lgt Co.....</b>	<b>1,222,391</b>	<b>16,458</b>	<b>14,926</b>	—	—	—	<b>770</b>	<b>30</b>	<b>149</b>
Grand Ave (MO).....	—	—	—	—	—	—	—	—	—
Hawthorn (MO).....	—	—	14,926	—	—	—	—	—	149
Iatan (MO).....	364,664	670	—	—	—	—	211	1	—
La Cygne (KS).....	645,800	4,369	—	—	—	—	418	8	—
Montrose (MO).....	211,927	534	—	—	—	—	141	1	—
Northeast (MO).....	—	10,885	—	—	—	—	—	20	—
<b>Kauai Electric Company.....</b>	—	<b>26,838</b>	—	—	—	—	—	<b>49</b>	—
Port Allen (HI).....	—	26,838	—	—	—	—	—	49	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Kentucky Power Co.</b> .....	<b>638,540</b>	<b>2,863</b>	—	—	—	—	<b>244</b>	<b>5</b>	—
Big Sandy (KY).....	638,540	2,863	—	—	—	—	244	5	—
<b>Kentucky Utilities Co.</b> .....	<b>1,521,204</b>	<b>1,939</b>	<b>14,237</b>	<b>7</b>	—	—	<b>658</b>	<b>7</b>	<b>184</b>
Brown, E W (KY).....	315,441	88	13,949	—	—	—	132	1	179
Dix Dam (KY).....	—	—	—	-4	—	—	—	—	—
Ghent (KY).....	1,076,984	1,018	—	—	—	—	458	3	—
Green River (KY).....	89,898	21	—	—	—	—	49	*	—
Haefling (KY).....	—	—	288	—	—	—	—	—	6
Lock 7 (KY).....	—	—	—	11	—	—	—	—	—
Pineville (KY).....	13,056	2	—	—	—	—	7	*	—
Tyrone (KY).....	25,825	810	—	—	—	—	12	3	—
<b>KeySpan Energy</b> .....	—	<b>390,578</b>	<b>826,289</b>	—	—	—	—	<b>695</b>	<b>8,761</b>
Barrett, E F (NY).....	—	22,220	145,456	—	—	—	—	39	1,584
Brookhaven (NY).....	—	21,614	—	—	—	—	—	44	—
East Hampton (NY).....	—	1,802	—	—	—	—	—	5	—
Far Rockway (NY).....	—	—	36,482	—	—	—	—	—	381
Glenwood (NY).....	—	3,269	82,197	—	—	—	—	9	944
Holbrook (NY).....	—	27,304	—	—	—	—	—	64	—
Montauk (NY).....	—	619	—	—	—	—	—	1	—
Northport (NY).....	—	256,212	445,431	—	—	—	—	433	4,689
Port Jefferson (NY).....	—	54,901	116,723	—	—	—	—	89	1,164
Shoreham (NY).....	—	1,052	—	—	—	—	—	3	—
Southampton (NY).....	—	471	—	—	—	—	—	2	—
Southold (NY).....	—	373	—	—	—	—	—	1	—
West Babylon (NY).....	—	741	—	—	—	—	—	4	—
<b>Kings River Conserv Dist</b> .....	—	—	—	<b>110,167</b>	—	—	—	—	—
Pine Flat (CA).....	—	—	—	110,167	—	—	—	—	—
<b>Kissimmee (City of)</b> .....	—	<b>5</b>	<b>75,085</b>	—	—	—	—	<b>*</b>	<b>593</b>
Cane Island (FL).....	—	—	74,983	—	—	—	—	—	591
Kissimmee (FL).....	—	5	102	—	—	—	—	*	2
<b>KG&amp;E - Western Resources</b> .....	—	<b>23,421</b>	<b>108,078</b>	—	—	—	—	<b>44</b>	<b>1,177</b>
Evans, Gordon (KS).....	—	—	82,523	—	—	—	—	—	879
Gill, Murray (KS).....	—	23,421	25,555	—	—	—	—	44	298
Neosho (KS).....	—	—	—	—	—	—	—	—	—
<b>KPL - Western Resources</b> .....	<b>1,450,250</b>	<b>493</b>	<b>25,114</b>	—	—	—	<b>918</b>	<b>1</b>	<b>331</b>
Abilene (KS).....	—	—	218	—	—	—	—	—	5
Hutchinson (KS).....	—	—	22,848	—	—	—	—	—	301
Jeffrey (KS).....	1,126,991	493	—	—	—	—	749	1	—
Lawrence (KS).....	194,495	—	1,982	—	—	—	100	—	22
Tecumseh (KS).....	128,764	—	66	—	—	—	69	—	3
<b>Lafayette Util Sys (City)</b> .....	—	—	<b>80,300</b>	—	—	—	—	—	<b>904</b>
Doc Bonin (LA).....	—	—	80,307	—	—	—	—	—	904
Rodemacher (LA).....	—	—	-7	—	—	—	—	—	—
<b>Lake Worth (City of)</b> .....	—	<b>1,565</b>	<b>17,587</b>	—	—	—	—	<b>4</b>	<b>192</b>
Smith, Tom G (FL).....	—	1,565	17,587	—	—	—	—	4	192
<b>Lakeland (City of)</b> .....	<b>188,525</b>	<b>45,623</b>	<b>116,159</b>	—	—	—	<b>76</b>	<b>41</b>	<b>1,183</b>
Larsen Memorial (FL).....	—	7,125	71,149	—	—	—	—	15	681
Mcintosh, C D (FL).....	188,525	38,498	45,010	—	—	—	76	26	502
<b>Lansing (City of)</b> .....	<b>212,377</b>	<b>905</b>	—	<b>59</b>	—	—	<b>115</b>	<b>2</b>	—
Eckert Station (MI).....	121,920	786	—	—	—	—	80	2	—
Erickson (MI).....	90,457	119	—	—	—	—	36	*	—
Moores Park (MI).....	—	—	—	59	—	—	—	—	—
<b>Lincoln (City of)</b> .....	—	<b>1</b>	<b>5,554</b>	—	—	—	—	<b>*</b>	<b>71</b>
Lincoln J Street (NE).....	—	—	—	—	—	—	—	—	—
Rokeyby (NE).....	—	1	5,554	—	—	—	—	*	71
<b>Logansport (City of)</b> .....	<b>18,780</b>	—	<b>43</b>	—	—	—	<b>11</b>	—	<b>1</b>
Logansport (IN).....	18,780	—	43	—	—	—	11	—	1

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Los Angeles (City of)</b> .....	<b>1,096,730</b>	<b>623</b>	<b>516,349</b>	<b>31,683</b>	—	<b>12,009</b>	<b>433</b>	<b>1</b>	<b>5,427</b>
Big Pine Creek (CA).....	—	—	—	2,080	—	—	—	—	—
Castaic (CA).....	—	—	—	-46,140	—	—	—	—	—
Control Gorge (CA).....	—	—	—	6,042	—	—	—	—	—
Cottonwood (CA).....	—	—	—	1,119	—	—	—	—	—
Division Creek (CA).....	—	—	—	466	—	—	—	—	—
Foothill (CA).....	—	—	—	6,595	—	—	—	—	—
Franklin Canyon (CA).....	—	—	—	1,331	—	—	—	—	—
Haiwee (CA).....	—	—	—	2,393	—	—	—	—	—
Harbor (CA).....	—	—	60,534	—	—	—	—	—	517
Haynes (CA).....	—	—	237,134	—	—	—	—	—	2,586
Intermountain (UT).....	1,096,730	623	—	—	—	—	433	1	—
Middle Gorge (CA).....	—	—	—	6,003	—	—	—	—	—
Pleasant Valley (CA).....	—	—	—	899	—	—	—	—	—
San Fernando (CA).....	—	—	—	4,284	—	—	—	—	—
San Francisquito 1 (CA).....	—	—	—	29,138	—	—	—	—	—
San Francisquito 2 (CA).....	—	—	—	10,392	—	—	—	—	—
Sawtelle (CA).....	—	—	—	309	—	—	—	—	—
Scattergood (CA).....	—	—	187,613	—	—	12,009	—	—	1,941
Upper Gorge (CA).....	—	—	—	6,772	—	—	—	—	—
Valley (CA).....	—	—	31,068	—	—	—	—	—	383
<b>Louisiana Pwr &amp; Light Co</b> .....	—	—	<b>1,387,562</b>	—	<b>731,026</b>	—	—	—	<b>14,126</b>
Buras (LA).....	—	—	178	—	—	—	—	—	4
Little Gypsy (LA).....	—	—	372,198	—	—	—	—	—	3,870
Monroe (LA).....	—	—	—	—	—	—	—	—	—
Nine Mile Point (LA).....	—	—	632,527	—	—	—	—	—	6,353
Sterlington (LA).....	—	—	151,815	—	—	—	—	—	1,468
Thibodaux (LA).....	—	—	—	—	—	—	—	—	—
Waterford (LA).....	—	—	—	—	731,026	—	—	—	—
Waterford (LA).....	—	—	230,844	—	—	—	—	—	2,432
<b>Louisville Gas &amp; Elec Co</b> .....	<b>1,384,002</b>	<b>1,737</b>	<b>6,470</b>	<b>22,355</b>	—	—	<b>644</b>	<b>3</b>	<b>69</b>
Cane Run (KY).....	308,545	—	4,910	—	—	—	138	—	49
Mill Creek (KY).....	741,021	1,737	452	—	—	—	357	3	5
Ohio Falls (KY).....	—	—	—	22,355	—	—	—	—	—
Paddys Run (KY).....	—	—	661	—	—	—	—	—	10
Trimble County (KY).....	334,436	—	—	—	—	—	149	—	—
Waterside (KY).....	—	—	203	—	—	—	—	—	2
Zorn (KY).....	—	—	244	—	—	—	—	—	3
<b>Lower Colorado River Auth</b> .....	<b>826,874</b>	<b>2,184</b>	<b>365,013</b>	<b>26,007</b>	—	—	<b>400</b>	<b>3</b>	<b>3,815</b>
Austin (TX).....	—	—	—	4,897	—	—	—	—	—
Buchanan (TX).....	—	—	—	1,414	—	—	—	—	—
Granite Shoals (TX).....	—	—	—	1,676	—	—	—	—	—
Inks (TX).....	—	—	—	680	—	—	—	—	—
Mansfield (TX).....	—	—	—	16,314	—	—	—	—	—
Marble Falls (TX).....	—	—	—	1,026	—	—	—	—	—
Sam K. Seymour, Jr. (TX).....	826,874	2,184	—	—	—	—	400	3	—
Sim Gideon (TX).....	—	—	250,253	—	—	—	—	—	2,586
T. C. Ferguson (TX).....	—	—	114,760	—	—	—	—	—	1,229
<b>Lubbock (City of)</b> .....	—	—	<b>53,936</b>	—	—	—	—	—	<b>783</b>
Holly Ave (TX).....	—	—	41,473	—	—	—	—	—	648
LP&L Co GEN.....	—	—	12,463	—	—	—	—	—	135
Plant 2 (TX).....	—	—	—	—	—	—	—	—	—
<b>Madison Gas &amp; Elec Co</b> .....	<b>18,360</b>	—	<b>18,689</b>	—	—	<b>789</b>	<b>12</b>	—	<b>284</b>
Blount Street (WI).....	18,360	—	14,783	—	—	789	12	—	215
Fitchburg (WI).....	—	—	2,399	—	—	—	—	—	38
Nine Springs (WI).....	—	—	239	—	—	—	—	—	4
Sycamore (WI).....	—	—	1,268	—	—	—	—	—	26
<b>Manitowoc (City of)</b> .....	<b>15,207</b>	<b>7,057</b>	—	—	—	—	<b>8</b>	*	—
Manitowoc (WI).....	15,207	7,057	—	—	—	—	8	*	—
<b>Marquette (City of)</b> .....	<b>21,861</b>	<b>403</b>	—	<b>1,877</b>	—	—	<b>15</b>	<b>1</b>	—
Plant Four (MI).....	—	388	—	—	—	—	—	1	—
Plant Two (MI).....	—	—	—	1,539	—	—	—	—	—
Russell, Frank J. (MI).....	—	—	—	338	—	—	—	—	—
Shiras (MI).....	21,861	15	—	—	—	—	15	*	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Marshall (City of)</b> .....	<b>5,942</b>	<b>171</b>	<b>2,740</b>	—	—	—	<b>4</b>	*	<b>34</b>
Marshall (MO).....	5,942	171	2,740	—	—	—	4	*	34
<b>Mass Mun Wholesale Elec</b> .....	—	<b>24,929</b>	<b>115,480</b>	—	—	—	—	<b>71</b>	<b>891</b>
Stonybrook (MA).....	—	24,929	115,480	—	—	—	—	71	891
<b>Maui Electric Co Ltd</b> .....	—	<b>91,104</b>	—	—	—	—	—	<b>161</b>	—
Cook (HI).....	—	3,094	—	—	—	—	—	5	—
Kahului (HI).....	—	16,319	—	—	—	—	—	40	—
Lanai City (HI).....	—	—	—	—	—	—	—	—	—
Maalaea (HI).....	—	69,352	—	—	—	—	—	113	—
Miki Basin (HI).....	—	2,339	—	—	—	—	—	4	—
<b>Mcpherson (City of)</b> .....	—	<b>61</b>	<b>5,904</b>	—	—	—	—	*	<b>80</b>
McPherson 3 (KS).....	—	—	3,016	—	—	—	—	—	41
Plant No. 2 (KS).....	—	61	2,888	—	—	—	—	*	40
<b>Medina Electric Coop Inc</b> .....	—	—	<b>1,855</b>	—	—	—	—	—	<b>25</b>
Pearsall (TX).....	—	—	1,855	—	—	—	—	—	25
<b>Merced Irrigation Dist</b> .....	—	—	—	<b>45,095</b>	—	—	—	—	—
Canal Creek (CA).....	—	—	—	—	—	—	—	—	—
Exchequer (CA).....	—	—	—	39,050	—	—	—	—	—
Fairfield (CA).....	—	—	—	390	—	—	—	—	—
Mcswain (CA).....	—	—	—	4,463	—	—	—	—	—
Parker (CA).....	—	—	—	1,192	—	—	—	—	—
<b>Metropolitan Edison Co</b> .....	<b>231,166</b>	<b>1,375</b>	<b>2,699</b>	<b>6,708</b>	—	—	<b>102</b>	<b>3</b>	<b>45</b>
Hamilton (PA).....	—	164	—	—	—	—	—	*	—
Hunterstown (PA).....	—	—	471	—	—	—	—	—	8
Mountain (PA).....	—	—	609	—	—	—	—	—	9
Orrtanna (PA).....	—	160	—	—	—	—	—	*	—
Portland (PA).....	162,679	—	665	—	—	—	73	—	12
Shawnee (PA).....	—	—	—	—	—	—	—	—	—
Titus (PA).....	68,487	714	954	—	—	—	29	1	16
Tolna (PA).....	—	337	—	—	—	—	—	1	—
Yorkhaven (PA).....	—	—	—	6,708	—	—	—	—	—
<b>Michigan So Cent Pwr Agen</b> .....	<b>26,414</b>	<b>2,843</b>	—	—	—	—	<b>14</b>	*	—
Endicott (MI).....	26,414	2,843	—	—	—	—	14	*	—
<b>MidAmerican Energy</b> .....	<b>1,646,781</b>	<b>3,529</b>	<b>20,266</b>	<b>652</b>	—	—	<b>1,044</b>	<b>8</b>	<b>295</b>
Coralville (IA).....	—	—	95	—	—	—	—	—	1
Council Bluffs (IA).....	473,045	189	278	—	—	—	309	*	3
Electrifarm (IA).....	—	—	6,819	—	—	—	—	—	99
George Neal South (IA).....	351,214	311	—	—	—	—	215	1	—
Louisa (IA).....	341,273	2	664	—	—	—	217	*	7
Moline (IL).....	—	—	—	652	—	—	—	—	—
Neal, George (IA).....	443,245	—	1,931	—	—	—	278	—	20
Parr (IA).....	—	—	587	—	—	—	—	—	9
Pleasant Hill (IA).....	—	3,027	—	—	—	—	—	7	—
River Hills (IA).....	—	—	3,249	—	—	—	—	—	53
Riverside (IA).....	38,004	—	639	—	—	—	26	—	7
Sycamore (IA).....	—	—	6,004	—	—	—	—	—	95
<b>Minnesota Power Inc</b> .....	<b>583,733</b>	<b>1,599</b>	—	<b>53,411</b>	—	—	<b>349</b>	<b>3</b>	—
Blanchard (MN).....	—	—	—	11,356	—	—	—	—	—
Boswell (MN).....	534,045	1,563	—	—	—	—	315	3	—
Fond Du Lac (MN).....	—	—	—	3,265	—	—	—	—	—
Hibbard, M L (MN).....	—	—	—	—	—	—	—	—	—
Knife Falls (MN).....	—	—	—	1,240	—	—	—	—	—
Laskin (MN).....	49,688	36	—	—	—	—	34	*	—
Little Falls (MN).....	—	—	—	2,521	—	—	—	—	—
Pillager (MN).....	—	—	—	1,122	—	—	—	—	—
Prairie River (MN).....	—	—	—	212	—	—	—	—	—
Scanlon (MN).....	—	—	—	953	—	—	—	—	—
Sylvan (MN).....	—	—	—	1,201	—	—	—	—	—
Thompson (MN).....	—	—	—	28,771	—	—	—	—	—
Winton (MN).....	—	—	—	2,770	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Minnkota Power Coop Inc.</b> .....	<b>388,164</b>	<b>743</b>	—	—	—	—	<b>341</b>	<b>1</b>	—
Grand Forks (ND).....	—	—	—	—	—	—	—	—	—
Harwood (ND).....	—	—	—	—	—	—	—	—	—
Young, Milton R (ND).....	388,164	743	—	—	—	—	341	1	—
<b>Mississippi Power Co.</b> .....	<b>1,024,224</b>	<b>424</b>	<b>225,410</b>	—	—	—	<b>460</b>	<b>1</b>	<b>4,019</b>
Daniel, Victor J Jr. (MS).....	594,576	424	—	—	—	—	277	1	—
Eaton (MS).....	—	—	28,159	—	—	—	—	—	380
Standard Oil (MS).....	—	—	89,788	—	—	—	—	—	2,245
Sweatt (MS).....	—	—	30,203	—	—	—	—	—	393
Watson (MS).....	429,648	—	77,260	—	—	—	183	—	1,000
<b>Mississippi Pwr &amp; Lgt Co.</b> .....	—	<b>61,372</b>	<b>459,093</b>	—	—	—	—	<b>126</b>	<b>4,802</b>
Andrus (MS).....	—	—	78,570	—	—	—	—	—	958
Brown, Rex (MS).....	—	80	71,241	—	—	—	—	*	1,002
Delta (MS).....	—	—	37,429	—	—	—	—	—	485
Natchez (MS).....	—	—	—	—	—	—	—	—	—
Wilson, B (MS).....	—	61,292	271,853	—	—	—	—	125	2,357
<b>Missouri Basin Mun Pwr Agency</b> .....	—	<b>34</b>	—	—	—	—	—	*	—
Watertown (SD).....	—	34	—	—	—	—	—	*	—
<b>Modesto Irrigation Dist.</b> .....	—	<b>24</b>	<b>4,068</b>	<b>1,765</b>	—	—	—	*	<b>44</b>
McClure (CA).....	—	24	497	—	—	—	—	*	9
New Hogan (CA).....	—	—	—	1,597	—	—	—	—	—
Stone Drop (CA).....	—	—	—	168	—	—	—	—	—
Woodland (CA).....	—	—	3,571	—	—	—	—	—	35
<b>Monongahela Power Co.</b> .....	<b>2,895,225</b>	<b>1,235</b>	<b>3,199</b>	—	—	—	<b>1,159</b>	<b>2</b>	<b>32</b>
Albright (WV).....	97,219	332	—	—	—	—	43	1	—
Fort Martin (WV).....	724,482	4	—	—	—	—	269	*	—
Harrison (WV).....	1,214,526	—	1,904	—	—	—	487	—	19
Pleasants (WV).....	706,084	110	1,134	—	—	—	295	*	12
Rivesville (WV).....	28,099	134	—	—	—	—	15	*	—
Willow Island (WV).....	124,815	655	161	—	—	—	51	1	2
<b>Montana Dakota Utils Co.</b> .....	<b>245,660</b>	<b>410</b>	<b>1,977</b>	—	—	—	<b>209</b>	<b>1</b>	<b>29</b>
Coyote (ND).....	209,705	410	—	—	—	—	176	1	—
Glendive (MT).....	—	—	1,464	—	—	—	—	—	21
Heskett (ND).....	35,955	—	—	—	—	—	34	—	—
Lewis & Clark (MT).....	—	—	—	—	—	—	—	—	—
Miles City (MT).....	—	—	522	—	—	—	—	—	9
Williston (ND).....	—	—	-9	—	—	—	—	—	—
<b>Montana Power Co (The)</b> .....	<b>908,380</b>	<b>1,749</b>	<b>185</b>	<b>394,076</b>	—	—	<b>586</b>	<b>5</b>	<b>3</b>
Black Eagle (MT).....	—	—	—	13,482	—	—	—	—	—
Cochrane (MT).....	—	—	—	37,189	—	—	—	—	—
Colstrip (MT).....	883,582	1,514	—	—	—	—	559	4	—
Corette, J E (MT).....	24,798	—	185	—	—	—	26	—	3
Hauser Lake (MT).....	—	—	—	11,557	—	—	—	—	—
Holter (MT).....	—	—	—	34,556	—	—	—	—	—
Kerr (MT).....	—	—	—	134,025	—	—	—	—	—
Lake Diesel (MT).....	—	—	—	—	—	—	—	—	—
Madison (MT).....	—	—	—	5,462	—	—	—	—	—
Milltown (MT).....	—	—	—	1,256	—	—	—	—	—
Morony (MT).....	—	—	—	33,361	—	—	—	—	—
Mystic Lake (MT).....	—	—	—	6,012	—	—	—	—	—
Rainbow (MT).....	—	—	—	21,382	—	—	—	—	—
Ryan (MT).....	—	—	—	41,808	—	—	—	—	—
Thompson Falls (MT).....	—	—	—	53,986	—	—	—	—	—
Yellowstone (MT).....	—	235	—	—	—	—	—	*	—
<b>Morgan (City of)</b> .....	—	—	<b>10,216</b>	—	—	—	—	—	<b>147</b>
Morgan City (LA).....	—	—	10,216	—	—	—	—	—	147
<b>Muscatine (City of)</b> .....	<b>126,778</b>	—	<b>1,908</b>	—	—	—	<b>90</b>	*	<b>22</b>
Muscatine (IA).....	126,778	—	1,908	—	—	—	90	*	22
<b>N Y State Elec &amp; Gas Corp.</b> .....	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>N Y State Elec &amp; Gas Corp</b>									
Cadyville (NY).....	—	—	—	—	—	—	—	—	—
Goudey (NY).....	—	—	—	—	—	—	—	—	—
Greenidge (NY).....	—	—	—	—	—	—	—	—	—
Harris Lake (NY).....	—	—	—	—	—	—	—	—	—
Hickling (NY).....	—	—	—	—	—	—	—	—	—
High Falls (NY).....	—	—	—	—	—	—	—	—	—
Jennison (NY).....	—	—	—	—	—	—	—	—	—
Kents Falls (NY).....	—	—	—	—	—	—	—	—	—
Keuka (NY).....	—	—	—	—	—	—	—	—	—
Mechanicville (NY).....	—	—	—	—	—	—	—	—	—
Mill C (NY).....	—	—	—	—	—	—	—	—	—
Milliken (NY).....	—	—	—	—	—	—	—	—	—
Rainbow Falls (NY).....	—	—	—	—	—	—	—	—	—
Seneca Falls (NY).....	—	—	—	—	—	—	—	—	—
Somerset (NY).....	—	—	—	—	—	—	—	—	—
Waterloo (NY).....	—	—	—	—	—	—	—	—	—
<b>Natchitoches (City of).....</b>									
Natchitoches (LA).....	—	—	—	—	—	—	—	—	—
<b>Nebraska Pub Power Dist.....</b>									
Canaday (NE).....	782,308	580	15,788	34,736	549,029	—	488	1	164
Columbus (NE).....	—	—	10,104	—	—	—	—	—	99
Cooper (NE).....	—	—	—	13,974	—	—	—	—	—
David City (NE).....	—	150	96	—	549,029	—	—	*	1
Gentleman (NE).....	661,638	—	3,960	—	—	—	411	—	42
Hallam (NE).....	—	—	1,328	—	—	—	—	—	18
Hebron (NE).....	—	256	—	—	—	—	—	1	—
Kearney (NE).....	—	—	—	—	—	—	—	—	—
Lodgepole (NE).....	—	—	—	—	—	—	—	—	—
Lyons (NE).....	—	21	—	—	—	—	—	*	—
Madison (NE).....	—	20	82	—	—	—	—	*	1
Mc Cook (NE).....	—	—	—	—	—	—	—	—	—
Minnehadaza (NE).....	—	—	—	—	—	—	—	—	—
Mobile (NE).....	—	—	—	—	—	—	—	—	—
Monroe (NE).....	—	—	—	2,915	—	—	—	—	—
North Platte (NE).....	—	—	—	16,653	—	—	—	—	—
Ord (NE).....	—	67	89	—	—	—	—	*	1
Sheldon (NE).....	120,670	—	129	—	—	—	77	—	1
Spencer (NE).....	—	—	—	1,194	—	—	—	—	—
Sutherland (NE).....	—	61	—	—	—	—	—	*	—
Wakefield (NE).....	—	5	—	—	—	—	—	*	—
<b>Nevada Power Co.....</b>									
Clark (NV).....	260,417	530	352,360	—	—	—	122	1	3,154
Gardner, Reid (NV).....	—	—	292,702	—	—	—	—	—	2,516
Sun Peak (NV).....	260,417	530	—	—	—	—	122	1	—
Sunrise (NV).....	—	—	33,032	—	—	—	—	—	390
—	—	—	26,626	—	—	—	—	—	248
<b>New Orleans Pub Serv Inc.....</b>									
Michoud (LA).....	—	15,314	311,975	—	—	—	—	191	3,334
Paterson, A B (LA).....	—	15,314	311,975	—	—	—	—	191	3,334
<b>New Ulm (City of).....</b>									
New Ulm (MN).....	—	73	1,249	—	—	—	—	*	39
—	—	73	1,249	—	—	—	—	*	39
<b>Niagara Mohawk Power Corp.....</b>									
Albany (NY).....	172,465	142,055	137,087	109,970	824,845	—	67	238	1,666
Allens Falls (NY).....	—	27,790	108,006	—	—	—	—	26	1,343
Baldwinsville (NY).....	—	—	—	987	—	—	—	—	—
Beardslee (NY).....	—	—	—	8	—	—	—	—	—
Beebee Island (NY).....	—	—	—	1,130	—	—	—	—	—
Belfort (NY).....	—	—	—	1,770	—	—	—	—	—
Bennetts Bridge (NY).....	—	—	—	571	—	—	—	—	—
Black River (NY).....	—	—	—	2,545	—	—	—	—	—
Blake (NY).....	—	—	—	663	—	—	—	—	—
Browns Falls (NY).....	—	—	—	2,595	—	—	—	—	—
Chasm (NY).....	—	—	—	1,622	—	—	—	—	—
Colton (NY).....	—	—	—	1,028	—	—	—	—	—
—	—	—	—	9,820	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Niagara Mohawk Power Corp</b>									
Deferiet (NY).....	—	—	—	904	—	—	—	—	—
Dunkirk (NY).....	119,862	107	—	—	—	—	45	*	—
Eagle (NY).....	—	—	—	1,596	—	—	—	—	—
East Norfolk (NY).....	—	—	—	1,075	—	—	—	—	—
Eel Weir (NY).....	—	—	—	220	—	—	—	—	—
Effley (NY).....	—	—	—	665	—	—	—	—	—
Elmer (NY).....	—	—	—	474	—	—	—	—	—
Ephratah (NY).....	—	—	—	470	—	—	—	—	—
Feeder Dam (NY).....	—	—	—	1,206	—	—	—	—	—
Five Falls (NY).....	—	—	—	3,928	—	—	—	—	—
Flat Rock (NY).....	—	—	—	266	—	—	—	—	—
Franklin (NY).....	—	—	—	419	—	—	—	—	—
Fulton (NY).....	—	—	—	493	—	—	—	—	—
Glenwood (NY).....	—	—	—	475	—	—	—	—	—
Granby (NY).....	—	—	—	230	—	—	—	—	—
Green Island (NY).....	—	—	—	1,411	—	—	—	—	—
Hannawa (NY).....	—	—	—	2,602	—	—	—	—	—
Herrings (NY).....	—	—	—	442	—	—	—	—	—
Heuvelton (NY).....	—	—	—	242	—	—	—	—	—
High Dam (NY).....	—	—	—	1,464	—	—	—	—	—
High Falls (NY).....	—	—	—	1,472	—	—	—	—	—
Higley (NY).....	—	—	—	1,521	—	—	—	—	—
Hogansburg (NY).....	—	—	—	91	—	—	—	—	—
Huntley, C R (NY).....	52,603	664	—	—	—	—	22	1	—
Hydraulic Race (NY).....	—	—	—	1,543	—	—	—	—	—
Inghams (NY).....	—	—	—	761	—	—	—	—	—
Johnsonville (NY).....	—	—	—	441	—	—	—	—	—
Kamargo (NY).....	—	—	—	472	—	—	—	—	—
Lighthouse Hill (NY).....	—	—	—	460	—	—	—	—	—
Macomb (NY).....	—	—	—	256	—	—	—	—	—
Mechanicville (NY).....	—	—	—	-11	—	—	—	—	—
Minetto (NY).....	—	—	—	914	—	—	—	—	—
Moshier (NY).....	—	—	—	2,131	—	—	—	—	—
Nine Mile Point (NY).....	—	9	—	—	824,845	—	—	*	—
Norfolk (NY).....	—	—	—	1,211	—	—	—	—	—
Norwood (NY).....	—	—	—	416	—	—	—	—	—
Oak Orchard (NY).....	—	—	—	192	—	—	—	—	—
Oswegatchie (NY).....	—	—	—	—	—	—	—	—	—
Oswego (NY).....	—	113,485	29,081	—	—	—	—	211	322
Oswego Falls Es (NY).....	—	—	—	1,120	—	—	—	—	—
Oswego Falls Ws (NY).....	—	—	—	46	—	—	—	—	—
Parishville (NY).....	—	—	—	575	—	—	—	—	—
Piercefield (NY).....	—	—	—	553	—	—	—	—	—
Prospect (NY).....	—	—	—	2,887	—	—	—	—	—
Rainbow (NY).....	—	—	—	4,036	—	—	—	—	—
Raymondville (NY).....	—	—	—	652	—	—	—	—	—
Schaghticoke (NY).....	—	—	—	-2	—	—	—	—	—
School Street (NY).....	—	—	—	4,868	—	—	—	—	—
Schuylerville (NY).....	—	—	—	1	—	—	—	—	—
Sewalls (NY).....	—	—	—	253	—	—	—	—	—
Sherman Island (NY).....	—	—	—	6,552	—	—	—	—	—
So Glens Falls (NY).....	—	—	—	—	—	—	—	—	—
Soft Maple (NY).....	—	—	—	1,582	—	—	—	—	—
South Colton (NY).....	—	—	—	3,336	—	—	—	—	—
South Edwards (NY).....	—	—	—	616	—	—	—	—	—
Spier Falls (NY).....	—	—	—	-27	—	—	—	—	—
Stark (NY).....	—	—	—	3,925	—	—	—	—	—
Stewarts Bridge (NY).....	—	—	—	7,814	—	—	—	—	—
Stuyvesant Falls (NY).....	—	—	—	—	—	—	—	—	—
Sugar Island (NY).....	—	—	—	5,002	—	—	—	—	—
Talcville (NY).....	—	—	—	138	—	—	—	—	—
Taylorville (NY).....	—	—	—	334	—	—	—	—	—
Trenton (NY).....	—	—	—	5,995	—	—	—	—	—
Varick (NY).....	—	—	—	578	—	—	—	—	—
Waterport (NY).....	—	—	—	794	—	—	—	—	—
West, E J (NY).....	—	—	—	4,846	—	—	—	—	—
Yaleville (NY).....	—	—	—	305	—	—	—	—	—
<b>North Atlantic Energy Corp.....</b>	—	—	—	—	<b>835,959</b>	—	—	—	—
Seabrook (NH).....	—	—	—	—	835,959	—	—	—	—

See footnotes at end of table.



**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Northeast Nucl Energy Co.....</b>	—	—	—	—	<b>618,591</b>	—	—	—	—
Millstone (CT) .....	—	—	—	—	618,591	—	—	—	—
<b>Northern Ind Pub Serv Co.....</b>	<b>1,393,995</b>	<b>61,505</b>	<b>70,326</b>	<b>4,157</b>	—	—	<b>775</b>	—	<b>847</b>
Bailey (IN) .....	249,177	2,889	2,490	—	—	—	125	—	27
Michigan City (IN) .....	146,994	—	28,220	—	—	—	91	—	337
Mitchell, Dean H (IN) .....	150,482	—	29,930	—	—	—	92	—	354
Norway (IN) .....	—	—	—	1,801	—	—	—	—	—
Oakdale (IN) .....	—	—	—	2,356	—	—	—	—	—
Schahfer, R. M. (IN) .....	847,342	58,616	9,686	—	—	—	468	—	129
<b>Northern States Power Co.....</b>	<b>1,815,169</b>	<b>78,037</b>	<b>31,192</b>	<b>78,879</b>	<b>1,159,715</b>	<b>40,186</b>	<b>1,085</b>	<b>20</b>	<b>418</b>
Angus Anson (SD) .....	—	—	14,601	—	—	—	—	—	194
Apple River (WI) .....	—	—	—	1,304	—	—	—	—	—
Bay Front (WI) .....	2,530	—	1,154	—	—	14,988	2	—	17
Big Falls (WI) .....	—	—	—	3,449	—	—	—	—	—
Black Dog (MN) .....	128,341	—	2,847	—	—	—	82	—	30
Blue Lake (MN) .....	—	324	—	—	—	—	—	2	—
Cedar Falls (WI) .....	—	—	—	2,764	—	—	—	—	—
Chippewa Falls (WI) .....	—	—	—	5,881	—	—	—	—	—
Cornell (WI) .....	—	—	—	6,952	—	—	—	—	—
Dells (WI) .....	—	—	—	4,019	—	—	—	—	—
Flambeau (WI) .....	—	—	134	—	—	—	—	—	3
French Island (WI) .....	—	2,276	7	—	—	5,476	—	7	*
Granite City (MN) .....	—	—	-3	—	—	—	—	—	1
Hayward (WI) .....	—	—	—	125	—	—	—	—	—
Hennepin Island (MN) .....	—	—	—	6,288	—	—	—	—	—
High Bridge (MN) .....	88,488	—	1,652	—	—	—	54	—	17
Holcombe (WI) .....	—	—	—	7,688	—	—	—	—	—
Inver Hills (MN) .....	—	—	7,100	—	—	—	—	—	97
Jim Falls (WI) .....	—	—	—	10,369	—	—	—	—	—
Key City (MN) .....	—	—	255	—	—	—	—	—	5
King (MN) .....	278,047	53,564	—	—	—	—	165	—	1
Ladysmith (WI) .....	—	—	—	1,115	—	—	—	—	—
Menomonie (WI) .....	—	—	—	1,914	—	—	—	—	—
Minnesota Valley (MN) .....	—	-33	—	—	—	—	—	—	—
Monticello (MN) .....	—	—	—	—	412,642	—	—	—	—
Pathfinder (SD) .....	—	—	-127	—	—	—	—	—	—
Prairie Island (MN) .....	—	—	—	—	747,073	—	—	—	—
Redwing (MN) .....	—	—	83	—	—	8,198	—	—	2
Riverdale (WI) .....	—	—	—	310	—	—	—	—	—
Riverside (MN) .....	160,053	17,473	1,223	—	—	—	98	*	13
Saxon Falls (MI) .....	—	—	—	752	—	—	—	—	—
Sherburne County (MN) .....	1,157,710	1,437	—	—	—	—	683	2	—
St Croix Falls (WI) .....	—	—	—	11,985	—	—	—	—	—
Superior Falls (MI) .....	—	—	—	964	—	—	—	—	—
Thornapple (WI) .....	—	—	—	819	—	—	—	—	—
Trego (WI) .....	—	—	—	660	—	—	—	—	—
West Faribault (MN) .....	—	—	37	—	—	—	—	—	1
Wheaton (WI) .....	—	2,996	2,064	—	—	—	—	9	35
White River (WI) .....	—	—	—	420	—	—	—	—	—
Wilmarth (MN) .....	—	—	165	—	—	11,524	—	—	3
Wissota (WI) .....	—	—	—	11,101	—	—	—	—	—
<b>Northwestern Pub Serv Co.....</b>	—	<b>-40</b>	<b>23</b>	—	—	—	—	<b>*</b>	<b>2</b>
Aberdeen (SD) .....	—	-6	—	—	—	—	—	—	—
Clark (SD) .....	—	-3	—	—	—	—	—	*	—
Faulkton (SD) .....	—	-11	—	—	—	—	—	—	—
Highmore (SD) .....	—	-8	—	—	—	—	—	*	—
Huron (SD) .....	—	—	41	—	—	—	—	—	2
Mobile (SD) .....	—	-5	—	—	—	—	—	—	—
Redfield (SD) .....	—	—	-17	—	—	—	—	—	—
Webster (SD) .....	—	-7	—	—	—	—	—	*	—
Yankton New (SD) .....	—	—	-1	—	—	—	—	—	*
<b>Oakdale South San Joaquin .....</b>	—	—	—	<b>82,084</b>	—	—	—	—	—
Beardsley (CA) .....	—	—	—	6,553	—	—	—	—	—
Donnels (CA) .....	—	—	—	51,485	—	—	—	—	—
Sand Bar (CA) .....	—	—	—	11,891	—	—	—	—	—
Tulloch (CA) .....	—	—	—	12,155	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Oglethorpe Power Corp</b> .....	—	—	—	-47,017	—	—	—	—	—
Rocky Mountain (GA).....	—	—	—	-47,060	—	—	—	—	—
Tallassee (GA).....	—	—	—	43	—	—	—	—	—
<b>Ohio Edison Co</b> .....	<b>1,592,302</b>	<b>6,249</b>	<b>20,707</b>	—	—	—	<b>633</b>	<b>14</b>	<b>277</b>
Burger, R E (OH).....	174,140	352	—	—	—	—	76	1	—
Edgewater (OH).....	—	32	20,707	—	—	—	—	2	277
Gorge Steam (OH).....	—	—	—	—	—	—	—	—	—
Mad River (OH).....	—	869	—	—	—	—	—	4	—
Niles (OH).....	124,762	804	—	—	—	—	59	2	—
Sammis (OH).....	1,293,400	1,376	—	—	—	—	498	2	—
West Lorain (OH).....	—	2,816	—	—	—	—	—	4	—
<b>Ohio Power Co</b> .....	<b>2,687,000</b>	<b>8,335</b>	—	<b>10,014</b>	—	—	<b>1,109</b>	<b>14</b>	—
Gavin, Gen J M (OH).....	972,085	2,673	—	—	—	—	419	4	—
Kammer (WV).....	363,924	524	—	—	—	—	146	1	—
Mitchell (WV).....	780,684	1,955	—	—	—	—	307	3	—
Muskingum River (OH).....	570,307	3,183	—	—	—	—	236	6	—
Racine (OH).....	—	—	—	10,014	—	—	—	—	—
Tidd (OH).....	—	—	—	—	—	—	—	—	—
<b>Ohio Valley Elec Corp</b> .....	<b>616,776</b>	<b>325</b>	—	—	—	—	<b>230</b>	<b>1</b>	—
Kyger Creek (OH).....	616,776	325	—	—	—	—	230	1	—
<b>Oklahoma Gas &amp; Elec Co</b> .....	<b>1,152,783</b>	<b>8</b>	<b>755,418</b>	—	—	—	<b>615</b>	<b>*</b>	<b>8,200</b>
Arbuckle (OK).....	—	—	—	—	—	—	—	—	—
Conoco (OK).....	—	—	44,205	—	—	—	—	—	396
Enid (OK).....	—	—	9	—	—	—	—	—	1
Horseshoe Lake (OK).....	—	—	160,999	—	—	—	—	—	1,626
Muskogee (OK).....	563,570	—	56,347	—	—	—	363	—	801
Mustang (OK).....	—	—	137,545	—	—	—	—	—	1,485
Seminole (OK).....	—	—	356,313	—	—	—	—	—	3,892
Sooner (OK).....	589,213	8	—	—	—	—	252	*	—
Woodward (OK).....	—	—	—	—	—	—	—	—	—
<b>Oklahoma Mun Power Authority</b> .....	—	<b>57</b>	<b>13,236</b>	<b>23,619</b>	—	—	—	<b>*</b>	<b>118</b>
Kaw Hydro (OK).....	—	—	—	23,619	—	—	—	—	—
Ponca Steam (OK).....	—	—	2,751	—	—	—	—	—	29
Ponca Steam (OK).....	—	57	10,485	—	—	—	—	*	89
<b>Omaha Public Power Dist</b> .....	<b>478,873</b>	<b>1,563</b>	<b>19,688</b>	—	<b>342,112</b>	—	<b>312</b>	<b>4</b>	<b>324</b>
Fort Calhoun (NE).....	—	—	—	—	342,112	—	—	—	—
Jones Street (NE).....	—	419	—	—	—	—	—	2	—
Nebraska City (NE).....	251,360	1,144	—	—	—	—	160	2	—
North Omaha (NE).....	227,513	—	9,182	—	—	—	152	—	191
Sarpy (NE).....	—	—	10,506	—	—	—	—	—	134
<b>Orange &amp; Rockland Util Inc</b> .....	<b>66,925</b>	<b>84,590</b>	<b>374,819</b>	<b>8,806</b>	—	—	<b>29</b>	<b>145</b>	<b>3,965</b>
Bowline Point (NY).....	—	84,590	279,620	—	—	—	—	145	2,904
Grahamsville (NY).....	—	—	—	8,471	—	—	—	—	—
Hillburn (NY).....	—	—	-4	—	—	—	—	—	—
Lovett (NY).....	66,925	—	93,547	—	—	—	29	—	1,027
Mongaup (NY).....	—	—	—	146	—	—	—	—	—
Rio (NY).....	—	—	—	395	—	—	—	—	—
Shoemaker (NY).....	—	—	1,656	—	—	—	—	—	33
Swinging Bridge 1 (NY).....	—	—	—	-89	—	—	—	—	—
Swinging Bridge 2 (NY).....	—	—	—	-117	—	—	—	—	—
<b>Orlando (City of)</b> .....	<b>559,772</b>	<b>78,312</b>	<b>126,381</b>	—	—	—	<b>207</b>	<b>132</b>	<b>1,352</b>
Indian River (FL).....	—	77,723	125,821	—	—	—	—	131	1,346
St Cloud (FL).....	—	85	560	—	—	—	—	*	6
Stanton (FL).....	559,772	504	—	—	—	—	207	1	—
<b>Oroville Wyandotte I Dist</b> .....	—	—	—	<b>47,485</b>	—	—	—	—	—
Forbestown (CA).....	—	—	—	13,867	—	—	—	—	—
Kelly Ridge (CA).....	—	—	—	7,644	—	—	—	—	—
Sly Creek (CA).....	—	—	—	3,670	—	—	—	—	—
Woodleaf (CA).....	—	—	—	22,304	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Orrville (City of)</b> .....	<b>29,572</b>	—	<b>200</b>	—	—	—	<b>17</b>	—	<b>1</b>
Orrville (OH) .....	29,572	—	200	—	—	—	17	—	1
<b>Otter Tail Power Co</b> .....	<b>347,776</b>	<b>1,087</b>	—	<b>1,699</b>	—	—	<b>204</b>	<b>3</b>	—
Bemidji (MN) .....	—	—	—	—	—	—	—	—	—
Big Stone (SD) .....	295,475	200	—	—	—	—	172	*	—
Dayton Hollow (MN) .....	—	—	—	695	—	—	—	—	—
Hoot Lake (MN) .....	52,301	100	—	145	—	—	32	*	—
Jamestown (ND) .....	—	425	—	—	—	—	—	1	—
Lake Preston (SD) .....	—	362	—	—	—	—	—	1	—
Pisgah (MN) .....	—	—	—	413	—	—	—	—	—
Port 148 (MN) .....	—	—	—	—	—	—	—	—	—
Taplin Gorge (MN) .....	—	—	—	319	—	—	—	—	—
Wright (MN) .....	—	—	—	127	—	—	—	—	—
<b>Owensboro (City of)</b> .....	<b>249,939</b>	<b>103</b>	—	—	—	—	<b>122</b>	*	—
Elmer Smith (KY) .....	249,939	103	—	—	—	—	122	*	—
<b>Pacific Gas &amp; Electric Co</b> .....	—	<b>68</b>	<b>111,672</b>	<b>1,131,335</b>	<b>1,566,026</b>	<b>114</b>	—	*	<b>981</b>
Alta (CA) .....	—	—	—	238	—	—	—	—	—
Balch 1 (CA) .....	—	—	—	16,692	—	—	—	—	—
Balch 2 (CA) .....	—	—	—	54,306	—	—	—	—	—
Belden (CA) .....	—	—	—	27,356	—	—	—	—	—
Black, James B (CA) .....	—	—	—	68,442	—	—	—	—	—
Bucks Creek (CA) .....	—	—	—	7,903	—	—	—	—	—
Butt Valley (CA) .....	—	—	—	11,067	—	—	—	—	—
Caribou 1 (CA) .....	—	—	—	9,420	—	—	—	—	—
Caribou 2 (CA) .....	—	—	—	40,776	—	—	—	—	—
Centerville (CA) .....	—	—	—	3,570	—	—	—	—	—
Chili Bar (CA) .....	—	—	—	5,017	—	—	—	—	—
Coal Canyon (CA) .....	—	—	—	550	—	—	—	—	—
Coleman (CA) .....	—	—	—	7,553	—	—	—	—	—
Contra Costa (CA) .....	—	—	—	—	—	—	—	—	—
Cow Creek (CA) .....	—	—	—	1,519	—	—	—	—	—
Crane Valley (CA) .....	—	—	—	104	—	—	—	—	—
Cresta (CA) .....	—	—	—	31,401	—	—	—	—	—
De Sabla (CA) .....	—	—	—	13,460	—	—	—	—	—
Deer Creek (CA) .....	—	—	—	2,575	—	—	—	—	—
Diablo Canyon (CA) .....	—	—	—	—	1,566,026	—	—	—	—
Downieville (CA) .....	—	-5	—	—	—	—	—	—	—
Drum 1 (CA) .....	—	—	—	21,556	—	—	—	—	—
Drum 2 (CA) .....	—	—	—	29,573	—	—	—	—	—
Dutch Flat (CA) .....	—	—	—	11,368	—	—	—	—	—
El Dorado (CA) .....	—	—	—	—	—	—	—	—	—
Electra (CA) .....	—	—	—	53,182	—	—	—	—	—
Haas (CA) .....	—	—	—	56,165	—	—	—	—	—
Halsey (CA) .....	—	—	—	6,001	—	—	—	—	—
Hamilton Branch (CA) .....	—	—	—	3,277	—	—	—	—	—
Hat Creek 1 (CA) .....	—	—	—	3,990	—	—	—	—	—
Hat Creek 2 (CA) .....	—	—	—	5,432	—	—	—	—	—
Helms (CA) .....	—	—	—	-28,710	—	—	—	—	—
Hercules St (CA) .....	—	—	—	—	—	—	—	—	—
Humbolt Bay (CA) .....	—	73	14,720	—	—	—	—	*	234
Hunters Point (CA) .....	—	—	96,952	—	—	—	—	—	748
Inskip (CA) .....	—	—	—	5,314	—	—	—	—	—
Kerckhoff (CA) .....	—	—	—	6,990	—	—	—	—	—
Kerckhoff 2 (CA) .....	—	—	—	58,905	—	—	—	—	—
Kern Canyon (CA) .....	—	—	—	7,878	—	—	—	—	—
Kilarc (CA) .....	—	—	—	1,958	—	—	—	—	—
Kings River (CA) .....	—	—	—	22,432	—	—	—	—	—
Lime Saddle (CA) .....	—	—	—	801	—	—	—	—	—
Merced Falls (CA) .....	—	—	—	1,996	—	—	—	—	—
Mobile Turbine (CA) .....	—	—	—	—	—	—	—	—	—
Narrows (CA) .....	—	—	—	—	—	—	—	—	—
Newcastle (CA) .....	—	—	—	1,232	—	—	—	—	—
Oak Flat (CA) .....	—	—	—	809	—	—	—	—	—
Phoenix (CA) .....	—	—	—	1,383	—	—	—	—	—
Pit 1 (CA) .....	—	—	—	30,787	—	—	—	—	—
Pit 3 (CA) .....	—	—	—	41,302	—	—	—	—	—
Pit 4 (CA) .....	—	—	—	51,363	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Pacific Gas &amp; Electric Co</b>									
Pit 5 (CA).....	—	—	—	90,030	—	—	—	—	—
Pit 6 (CA).....	—	—	—	35,219	—	—	—	—	—
Pit 7 (CA).....	—	—	—	48,063	—	—	—	—	—
Pittsburg (CA).....	—	—	—	—	—	—	—	—	—
Poe (CA).....	—	—	—	51,428	—	—	—	—	—
Potrero (CA).....	—	—	—	—	—	—	—	—	—
Potter Valley (CA).....	—	—	—	2,440	—	—	—	—	—
PVUSA 1 (CA).....	—	—	—	—	—	114	—	—	—
Rock Creek (CA).....	—	—	—	47,625	—	—	—	—	—
Salt Springs (CA).....	—	—	—	32,722	—	—	—	—	—
San Joaquin No. 1a (CA).....	—	—	—	119	—	—	—	—	—
San Joaquin No. 2 (CA).....	—	—	—	515	—	—	—	—	—
San Joaquin 3 (CA).....	—	—	—	417	—	—	—	—	—
South (CA).....	—	—	—	4,911	—	—	—	—	—
Spaulding No. 1 (CA).....	—	—	—	6,255	—	—	—	—	—
Spaulding No. 2 (CA).....	—	—	—	2,346	—	—	—	—	—
Spaulding No. 3 (CA).....	—	—	—	4,381	—	—	—	—	—
Spring Gap (CA).....	—	—	—	4,445	—	—	—	—	—
Stanislaus (CA).....	—	—	—	40,460	—	—	—	—	—
The Geysers (CA).....	—	—	—	—	—	—	—	—	—
Tiger Creek (CA).....	—	—	—	28,065	—	—	—	—	—
Toadtown (CA).....	—	—	—	1,014	—	—	—	—	—
Tule River (CA).....	—	—	—	1,844	—	—	—	—	—
Volta (CA).....	—	—	—	6,191	—	—	—	—	—
Volta 2 (CA).....	—	—	—	687	—	—	—	—	—
West Point (CA).....	—	—	—	9,930	—	—	—	—	—
Wise (CA).....	—	—	—	8,975	—	—	—	—	—
Wishon, A G (CA).....	—	—	—	6,320	—	—	—	—	—
<b>Pacificorp.....</b>	<b>3,850,073</b>	<b>6,116</b>	<b>52,861</b>	<b>517,556</b>	—	<b>12,689</b>	<b>2,166</b>	<b>11</b>	<b>617</b>
American Fork (UT).....	—	—	—	—	—	—	—	—	—
Ashton (ID).....	—	—	—	4,991	—	—	—	—	—
Beaver Upper (UT).....	—	—	—	1,558	—	—	—	—	—
Bend (OR).....	—	—	—	506	—	—	—	—	—
Big Fork (MT).....	—	—	—	1,395	—	—	—	—	—
Blundell (UT).....	—	—	—	—	—	12,689	—	—	—
Bridger, Jim (WY).....	1,338,116	817	—	—	—	—	764	2	—
Carbon (UT).....	100,165	472	—	—	—	—	47	1	—
Centralia (WA).....	274,090	627	—	—	—	—	186	1	—
Clearwater 1 (OR).....	—	—	—	7,490	—	—	—	—	—
Clearwater 2 (OR).....	—	—	—	7,343	—	—	—	—	—
Cline Falls (OR).....	—	—	—	—	—	—	—	—	—
Condit (WA).....	—	—	—	10,125	—	—	—	—	—
Copco 1 (CA).....	—	—	—	9,731	—	—	—	—	—
Copco 2 (CA).....	—	—	—	12,424	—	—	—	—	—
Cove (ID).....	—	—	—	3,828	—	—	—	—	—
Cutler (UT).....	—	—	—	19,053	—	—	—	—	—
Eagle Point (OR).....	—	—	—	1,389	—	—	—	—	—
East Side (OR).....	—	—	—	1,471	—	—	—	—	—
Fall Creek (CA).....	—	—	—	694	—	—	—	—	—
Fish Creek (OR).....	—	—	—	8,365	—	—	—	—	—
Ftn Green (UT).....	—	—	—	113	—	—	—	—	—
Gadsby (UT).....	—	—	46,577	—	—	—	—	—	549
Grace (ID).....	—	—	—	22,311	—	—	—	—	—
Granite (UT).....	—	—	—	269	—	—	—	—	—
Hunter (emery) (UT).....	578,182	2,207	—	—	—	—	263	4	—
Huntington Canyon (UT).....	545,798	667	—	—	—	—	233	1	—
Hydro No. 1 (UT).....	—	—	—	173	—	—	—	—	—
Hydro No. 2 (UT).....	—	—	—	142	—	—	—	—	—
Hydro No. 3 (UT).....	—	—	—	155	—	—	—	—	—
Iron Gate (CA).....	—	—	—	5,705	—	—	—	—	—
John C Boyle (OR).....	—	—	—	31,171	—	—	—	—	—
Johnston, Dave (WY).....	492,266	466	—	—	—	—	343	1	—
Last Chance (UT).....	—	—	—	890	—	—	—	—	—
Lemolo 1 (OR).....	—	—	—	17,188	—	—	—	—	—
Lemolo 2 (OR).....	—	—	—	21,312	—	—	—	—	—
Little Mountain (UT).....	—	—	-117	—	—	—	—	—	—
Merwin (WA).....	—	—	—	44,111	—	—	—	—	—
Naches (WA).....	—	—	—	3,172	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Pacificorp</b>									
Naches Drop (WA).....	—	—	—	770	—	—	—	—	—
Naughton (WY).....	296,715	—	6,401	—	—	—	164	—	68
Olmstead (UT).....	—	—	—	4,688	—	—	—	—	—
Oneida (ID).....	—	—	—	11,159	—	—	—	—	—
Paris (ID).....	—	—	—	552	—	—	—	—	—
Pioneer (UT).....	—	—	—	5,496	—	—	—	—	—
Powerdale (OR).....	—	—	—	4,786	—	—	—	—	—
Prospect 1 (OR).....	—	—	—	3,355	—	—	—	—	—
Prospect 2 (OR).....	—	—	—	25,532	—	—	—	—	—
Prospect 3 (OR).....	—	—	—	4,375	—	—	—	—	—
Prospect 4 (OR).....	—	—	—	595	—	—	—	—	—
Skookumchuck (WA).....	—	—	—	—	—	—	—	—	—
Slide Creek (OR).....	—	—	—	11,550	—	—	—	—	—
Snake Creek (UT).....	—	—	—	434	—	—	—	—	—
Soda (ID).....	—	—	—	5,090	—	—	—	—	—
Soda Springs (OR).....	—	—	—	8,178	—	—	—	—	—
St Anthony (ID).....	—	—	—	310	—	—	—	—	—
Stairs (UT).....	—	—	—	924	—	—	—	—	—
Swift No. 2 (WA).....	—	—	—	21,381	—	—	—	—	—
Swift 1 (WA).....	—	—	—	81,220	—	—	—	—	—
Toketee (OR).....	—	—	—	30,431	—	—	—	—	—
Viva (WY).....	—	—	—	-6	—	—	—	—	—
Wallowa Falls (OR).....	—	—	—	785	—	—	—	—	—
Weber (UT).....	—	—	—	2,314	—	—	—	—	—
West Side (OR).....	—	—	—	478	—	—	—	—	—
Wyodak (WY).....	224,741	860	—	—	—	—	167	2	—
Yale (WA).....	—	—	—	56,084	—	—	—	—	—
<b>Painesville (City of).....</b>	<b>11,283</b>	<b>4</b>	<b>168</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>7</b>	<b>*</b>	<b>3</b>
Painesville (OH).....	11,283	4	168	—	—	—	7	*	3
<b>Pasadena (City of).....</b>	<b>—</b>	<b>—</b>	<b>17,284</b>	<b>1,048</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>227</b>
Azusa (CA).....	—	—	—	1,048	—	—	—	—	—
Broadway (CA).....	—	—	17,014	—	—	—	—	—	222
Glenarm (CA).....	—	—	270	—	—	—	—	—	4
<b>Peabody (City of).....</b>	<b>—</b>	<b>145</b>	<b>3,617</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>46</b>
Waters River (MA).....	—	145	3,617	—	—	—	—	1	46
<b>Pend Oreille Pub Util D #1.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>29,739</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Box Canyon (WA).....	—	—	—	29,437	—	—	—	—	—
Calispel Creek (WA).....	—	—	—	302	—	—	—	—	—
<b>Pennsylvania Electric Co.....</b>	<b>2,529,770</b>	<b>4,983</b>	<b>2,970</b>	<b>-140</b>	<b>—</b>	<b>—</b>	<b>990</b>	<b>9</b>	<b>40</b>
Blossburg (PA).....	—	—	241	—	—	—	—	—	3
Conemaugh (PA).....	1,186,908	178	331	—	—	—	438	*	3
Deep Creek (MD).....	—	—	—	737	—	—	—	—	—
Homer City (PA).....	—	—	—	—	—	—	—	—	—
Keystone (PA).....	1,012,596	3,158	—	—	—	—	388	5	—
Piney (PA).....	—	—	—	1,121	—	—	—	—	—
Seneca (PA).....	—	—	—	-1,998	—	—	—	—	—
Seward (PA).....	34,416	310	—	—	—	—	18	1	—
Shawville (PA).....	280,707	981	—	—	—	—	137	2	—
Warren (PA).....	15,143	28	2,398	—	—	—	9	*	34
Wayne (PA).....	—	328	—	—	—	—	—	1	—
<b>Pennsylvania Power Co.....</b>	<b>1,105,267</b>	<b>1,007</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>473</b>	<b>3</b>	<b>—</b>
Mansfield, Bruce (PA).....	1,058,573	859	—	—	—	—	450	3	—
New Castle (PA).....	46,694	148	—	—	—	—	22	*	—
<b>Pennsylvania Pwr &amp; Lgt Co.....</b>	<b>1,495,984</b>	<b>189,538</b>	<b>142,975</b>	<b>21,536</b>	<b>1,151,743</b>	<b>—</b>	<b>555</b>	<b>269</b>	<b>1,675</b>
Allentown (PA).....	—	1,922	—	—	—	—	—	6	—
Brunner Island (PA).....	642,780	954	—	—	—	—	197	3	—
Coal Storage (PA).....	—	—	—	—	—	—	—	—	—
Fishbach (PA).....	—	978	—	—	—	—	—	2	—
Harrisburg (PA).....	—	2,104	—	—	—	—	—	6	—
Harwood (PA).....	—	1,065	—	—	—	—	—	3	—
Holtwood (PA).....	—	—	—	18,639	—	—	—	—	—
Jenkins (PA).....	—	1,068	—	—	—	—	—	3	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Pennsylvania Pwr &amp; Lgt Co</b>									
Loch Haven (PA).....	—	—	—	—	—	—	—	—	—
Martins Creek (PA).....	59,374	139,879	142,975	—	—	—	29	227	1,675
Montour (PA).....	681,250	4,249	—	—	—	—	253	13	—
Sunbury (PA).....	112,580	35,810	—	—	—	—	76	3	—
Susquehanna (PA).....	—	—	—	—	1,151,743	—	—	—	—
Wallenpaupack (PA).....	—	—	—	2,897	—	—	—	—	—
West Shore (PA).....	—	964	—	—	—	—	—	2	—
Williamsport (PA).....	—	545	—	—	—	—	—	1	—
<b>Piqua (City of).....</b>	<b>-33</b>	<b>247</b>	—	—	—	—	—	<b>1</b>	—
Piqua (OH).....	-33	247	—	—	—	—	—	1	—
<b>Placer County Wtr Agency.....</b>									
French Meadows (CA).....	—	—	—	136,715	—	—	—	—	—
Hell Hole (CA).....	—	—	—	6,237	—	—	—	—	—
Middle Fork (CA).....	—	—	—	410	—	—	—	—	—
Oxbow (CA).....	—	—	—	75,154	—	—	—	—	—
Ralston (CA).....	—	—	—	3,733	—	—	—	—	—
	—	—	—	51,181	—	—	—	—	—
<b>Plains El Gen Trans Coop.....</b>									
Algodones (NM).....	153,964	—	—	—	—	—	85	—	—
Escalante (NM).....	—	—	—	—	—	—	—	—	—
	153,964	—	—	—	—	—	85	—	—
<b>Platte River Power Auth.....</b>									
Rawhide (CO).....	164,226	—	—	—	—	—	98	—	—
	164,226	—	—	—	—	—	98	—	—
<b>Portland General Elec Co.....</b>									
Beaver (OR).....	147,382	1,480	94,904	259,278	—	—	87	3	880
Bethel (OR).....	—	—	58,485	—	—	—	—	—	597
Boardman (OR).....	—	—	—	—	—	—	—	—	—
Bull Run (OR).....	147,382	1,480	—	—	—	—	87	3	—
Coyote Springs (OR).....	—	—	—	11,753	—	—	—	—	—
Faraday (OR).....	—	—	36,419	—	—	—	—	—	282
North Fork (OR).....	—	—	—	24,410	—	—	—	—	—
Oak Grove (OR).....	—	—	—	27,826	—	—	—	—	—
Pelton (OR).....	—	—	—	27,061	—	—	—	—	—
Pelton Re Regulation (OR).....	—	—	—	38,905	—	—	—	—	—
Portland Hydro Proj 1 (OR).....	—	—	—	7,851	—	—	—	—	—
Portland Hydro Proj 2 (OR).....	—	—	—	7,638	—	—	—	—	—
River Mill (OR).....	—	—	—	14,823	—	—	—	—	—
Round Butte (OR).....	—	—	—	89,000	—	—	—	—	—
Sullivan (OR).....	—	—	—	10,011	—	—	—	—	—
<b>Potomac Edison Co (The).....</b>									
Dam 4 (WV).....	36,652	—	—	1,072	—	—	17	—	—
Dam 5 (WV).....	—	—	—	345	—	—	—	—	—
Luray (VA).....	—	—	—	224	—	—	—	—	—
Millville (WV).....	—	—	—	72	—	—	—	—	—
Newport (VA).....	—	—	—	142	—	—	—	—	—
Shenandoah (VA).....	—	—	—	182	—	—	—	—	—
Smith, R P (MD).....	—	—	—	8	—	—	—	—	—
Warren (VA).....	36,652	—	—	—	—	—	17	—	—
	—	—	—	99	—	—	—	—	—
<b>Potomac Electric Pwr Co.....</b>									
Benning (DC).....	1,642,250	377,039	90,753	—	—	—	583	694	1,114
Buzzard Point (DC).....	—	48,328	—	—	—	—	—	104	—
Chalk Point (MD).....	—	8,137	—	—	—	—	—	24	—
Dickerson (MD).....	417,837	298,803	72,872	—	—	—	150	523	861
Morgantown (MD).....	299,907	2,290	17,881	—	—	—	99	5	253
Potomac River (VA).....	681,777	18,684	—	—	—	—	232	36	—
	242,729	797	—	—	—	—	102	2	—
<b>Power Authy of St of N Y.....</b>									
Ashokan (NY).....	—	57,500	293,705	1,418,759	1,287,325	—	—	108	2,617
Blenheim (NY).....	—	—	—	2,316	—	—	—	—	—
Crescent (NY).....	—	—	—	-55,550	—	—	—	—	—
Fitzpatrick (NY).....	—	—	—	1,518	—	—	—	—	—
Flynn (NY).....	—	—	97,344	—	586,130	—	—	—	761
Hinckley (NY).....	—	—	—	2,185	—	—	—	—	—
Indian Point (NY).....	—	—	—	—	701,195	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Power Authy of St of N Y</b>									
Kensico (NY).....	—	—	—	372	—	—	—	—	—
Lewiston (NY).....	—	—	—	-33,737	—	—	—	—	—
Moses Niagara (NY).....	—	—	—	1,001,621	—	—	—	—	—
Moses Power Dam (NY).....	—	—	—	498,997	—	—	—	—	—
Poletti (NY).....	—	57,500	196,361	—	—	—	—	108	1,855
Vischer Ferry (NY).....	—	—	—	1,037	—	—	—	—	—
<b>Pub Serv Co of New Hamp</b> .....	<b>169,172</b>	<b>184,626</b>	<b>2,031</b>	<b>15,202</b>	—	—	<b>71</b>	<b>321</b>	<b>25</b>
Amoskeag (NH).....	—	—	—	1,603	—	—	—	—	—
Ayers Island (NH).....	—	—	—	2,480	—	—	—	—	—
Canaan (VT).....	—	—	—	366	—	—	—	—	—
Eastman Falls (NH).....	—	—	—	1,381	—	—	—	—	—
Garvins Falls (NH).....	—	—	—	1,378	—	—	—	—	—
Gorham (NH).....	—	—	—	858	—	—	—	—	—
Hooksett (NH).....	—	—	—	241	—	—	—	—	—
Jackman (NH).....	—	—	—	37	—	—	—	—	—
Lost Nation (NH).....	—	46	—	—	—	—	—	1	—
Merrimack (NH).....	123,632	120	—	—	—	—	50	*	—
Newington (NH).....	—	178,683	2,004	—	—	—	—	309	22
Schiller (NH).....	45,540	5,782	27	—	—	—	21	11	2
Smith (NH).....	—	—	—	6,858	—	—	—	—	—
White Lake (NH).....	—	-5	—	—	—	—	—	—	—
<b>Pub Serv Co of New Mexico</b> .....	<b>928,485</b>	<b>3,149</b>	<b>14,937</b>	—	—	—	<b>522</b>	<b>6</b>	<b>184</b>
Las Vegas (NM).....	—	4	—	—	—	—	—	*	—
Reeves (NM).....	—	—	14,937	—	—	—	—	—	184
San Juan (NM).....	928,485	3,145	—	—	—	—	522	6	—
<b>Public Serv Elec &amp; Gas Co</b> .....	<b>377,289</b>	<b>23,781</b>	<b>320,995</b>	—	<b>2,218,917</b>	—	<b>156</b>	<b>54</b>	<b>3,006</b>
Bayonne (NJ).....	—	289	—	—	—	—	—	1	—
Bergen (NJ).....	—	—	132,749	—	—	—	—	—	1,048
Burlington (NJ).....	—	5,009	27,808	—	—	—	—	14	245
Edison (NJ).....	—	—	8,336	—	—	—	—	—	124
Essex (NJ).....	—	—	25,098	—	—	—	—	—	347
Hope Creek (NJ).....	—	—	—	—	732,272	—	—	—	—
Hudson (NJ).....	200,228	1,908	42,938	—	—	—	85	4	447
Kearny (NJ).....	—	11,544	5,846	—	—	—	—	24	100
Linden (NJ).....	—	2,988	21,118	—	—	—	—	7	246
Mercer (NJ).....	177,061	1,024	17,361	—	—	—	71	2	187
National Park (NJ).....	—	—	—	—	—	—	—	—	—
Salem (NJ).....	—	777	—	—	1,486,645	—	—	2	—
Sewaren (NJ).....	—	242	39,741	—	—	—	—	1	263
<b>Public Service Co of Colo</b> .....	<b>1,498,354</b>	<b>220</b>	<b>176,418</b>	<b>7,846</b>	—	—	<b>850</b>	<b>*</b>	<b>1,475</b>
Alamosa (CO).....	—	—	416	—	—	—	—	—	11
Ames (CO).....	—	—	—	2,733	—	—	—	—	—
Arapahoe (CO).....	104,990	—	3,856	—	—	—	77	—	51
Boulder Hydro (CO).....	—	—	—	1,122	—	—	—	—	—
Cabin Creek (CO).....	—	—	—	-13,598	—	—	—	—	—
Cameo (CO).....	41,498	—	25	—	—	—	23	—	2
Cherokee (CO).....	342,921	—	4,396	—	—	—	154	—	47
Comanche (CO).....	414,472	—	191	—	—	—	261	—	2
Fort Lupton (CO).....	—	—	745	—	—	—	—	—	14
Fort St. Vrain (CO).....	—	—	162,085	—	—	—	—	—	1,269
Fruita (CO).....	—	—	127	—	—	—	—	—	3
Georgetown Hydro (CO).....	—	—	—	1,081	—	—	—	—	—
Hayden (CO).....	269,057	220	315	—	—	—	131	*	3
Palisade Hydro (CO).....	—	—	—	1,622	—	—	—	—	—
Pawnee (CO).....	325,832	—	179	—	—	—	204	—	2
Salida No. 1 Hydro (CO).....	—	—	—	585	—	—	—	—	—
Salida No. 2 Hydro (CO).....	—	—	—	357	—	—	—	—	—
Shoshone Hydro (CO).....	—	—	—	10,726	—	—	—	—	—
Tacoma (CO).....	—	—	—	3,218	—	—	—	—	—
Valmont (CO).....	-416	—	1,552	—	—	—	—	—	26
Zuni (CO).....	—	—	2,531	—	—	—	—	—	44
<b>Public Service Co of Okla</b> .....	<b>495,954</b>	<b>12</b>	<b>787,733</b>	—	—	—	<b>300</b>	<b>*</b>	<b>8,167</b>
Comanche (OK).....	—	12	135,538	—	—	—	—	*	1,187
Northeastern (OK).....	495,954	—	197,812	—	—	—	300	—	2,077

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Public Service Co of Okla</b>									
Riverside (OK).....	—	—	328,240	—	—	—	—	—	3,373
Southwestern (OK).....	—	—	79,528	—	—	—	—	—	943
Tulsa (OK).....	—	—	45,350	—	—	—	—	—	541
Weleetka (OK).....	—	—	1,265	—	—	—	—	—	44
<b>Puget Sound Pwr &amp; Lgt Co</b>									
Crystal Mountain (WA).....	—	122	2,772	159,571	—	—	—	*	34
Electron (WA).....	—	5	—	—	—	—	—	*	—
Frederickson (WA).....	—	—	—	13,773	—	—	—	—	—
Fredonia (WA).....	—	110	220	—	—	—	—	*	4
Lower Baker (WA).....	—	—	1,062	—	—	—	—	—	13
Nooksack (WA).....	—	—	—	44,769	—	—	—	—	—
Snoqualmie (WA).....	—	—	—	—	—	—	—	—	—
South Whidbey (WA).....	—	—	—	29,475	—	—	—	—	—
Upper Baker (WA).....	—	—	—	—	—	—	—	—	—
White River (WA).....	—	—	—	36,700	—	—	—	—	—
Whitehorn (WA).....	—	—	34,854	—	—	—	—	—	—
Whitehorn (WA).....	—	7	1,490	—	—	—	—	*	18
<b>PECO Energy Co</b>									
Chester (PA).....	261,322	146,754	19,949	-26,228	3,102,117	—	115	292	228
Conowingo (MD).....	—	397	—	—	—	—	—	1	—
Cromby (PA).....	—	—	—	26,823	—	—	—	—	—
Croydon (PA).....	71,535	20,417	3,817	—	—	—	29	42	42
Delaware (PA).....	—	7,782	—	—	—	—	—	18	—
Eddystone (PA).....	—	18,236	—	—	—	—	—	38	—
Falls (PA).....	189,787	82,225	16,132	—	—	—	86	155	186
Limerick (PA).....	—	852	—	—	—	—	—	2	—
Moser (PA).....	—	—	—	—	1,550,017	—	—	—	—
Muddy Run (PA).....	—	342	—	—	—	—	—	1	—
Muddy Run (PA).....	—	—	—	-53,051	—	—	—	—	—
Oil Storage (PA).....	—	—	—	—	—	—	—	—	—
Peach Bottom (PA).....	—	—	—	—	1,552,100	—	—	—	—
Richmond (PA).....	—	2,663	—	—	—	—	—	6	—
Schuylkill (PA).....	—	13,136	—	—	—	—	—	28	—
Southwark (PA).....	—	704	—	—	—	—	—	2	—
<b>PSI Energy, Inc</b>									
Cayuga (IN).....	2,974,700	14,733	8,766	25,129	—	—	1,388	29	101
Connersville (IN).....	569,855	1,601	5,666	—	—	—	266	3	69
Edwardsport (IN).....	—	2,918	—	—	—	—	—	6	—
Gallagher, R (IN).....	70,327	3,021	—	—	—	—	42	7	—
Gibson (IN).....	300,627	1,181	—	—	—	—	126	2	—
Markland (IN).....	1,614,560	3,478	—	—	—	—	737	6	—
Miami Wabash (IN).....	—	—	—	25,129	—	—	—	—	—
Noblesville (IN).....	—	—	—	—	—	—	—	—	—
Noblesville (IN).....	36,258	88	—	—	—	—	22	*	—
Wabash River (IN).....	383,073	2,446	3,100	—	—	—	195	6	32
<b>Redding (City of)</b>									
Redding Power (CA).....	—	—	943	1,887	—	—	—	—	14
Whiskeytown (CA).....	—	—	—	1,887	—	—	—	—	14
<b>Reliant Energy</b>									
Bertron, Sam (TX).....	2,653,979	—	2,749,492	—	1,726,564	—	1,870	—	27,801
Cedar Bayou (TX).....	—	—	133,813	—	—	—	—	—	1,532
Clarke, Hiram (TX).....	—	—	719,562	—	—	—	—	—	7,399
Deepwater (TX).....	—	—	11,534	—	—	—	—	—	146
Greens Bayou (TX).....	—	—	11,534	—	—	—	—	—	146
Limestone (TX).....	—	—	112,131	—	—	—	—	—	1,221
Oil Storage (TX).....	1,053,852	—	4,021	—	—	—	873	—	42
Parish, W A (TX).....	—	—	—	—	—	—	—	—	—
Robinson, P H (TX).....	1,600,127	—	346,581	—	—	—	997	—	3,529
San Jacinto (TX).....	—	—	953,090	—	—	—	—	—	9,552
South Texas (TX).....	—	—	113,037	—	—	—	—	—	1,327
Webster (TX).....	—	—	—	—	1,726,564	—	—	—	—
Wharton, T H (TX).....	—	—	86,345	—	—	—	—	—	904
Wharton, T H (TX).....	—	—	257,844	—	—	—	—	—	2,001
<b>Richmond (City of)</b>									
Whitewater Valley (IN).....	54,776	2	—	—	—	—	27	*	—
Whitewater Valley (IN).....	54,776	2	—	—	—	—	27	*	—
<b>Rochester (City of)</b>									
.....	20,984	4	874	1,656	—	—	11	*	12

See footnotes at end of table.



**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Rochester (City of)</b>									
Cascade Creek (MN) .....	—	4	—	—	—	—	—	*	—
Rochester (MN) .....	—	—	—	1,656	—	—	—	—	—
Silver Lake (MN) .....	20,984	—	874	—	—	—	11	—	12
<b>Rochester Gas &amp; Elec Corp .....</b>	<b>114,061</b>	<b>606</b>	<b>32</b>	<b>2,664</b>	<b>352,978</b>	<b>—</b>	<b>46</b>	<b>1</b>	<b>*</b>
Ginna (NY) .....	—	—	—	—	352,978	—	—	—	—
Station 160 (NY) .....	—	—	—	70	—	—	—	—	—
Station 170 (NY) .....	—	—	—	—	—	—	—	—	—
Station 172 (NY) .....	—	—	—	—	—	—	—	—	—
Station 2 (NY) .....	—	—	—	39	—	—	—	—	—
Station 26 (NY) .....	—	—	—	6	—	—	—	—	—
Station 3 (NY) .....	—	—	—	—	—	—	—	—	—
Station 5 (NY) .....	—	—	—	2,549	—	—	—	—	—
Station 7 (NY) .....	114,061	606	—	—	—	—	46	1	—
Station 9 (NY) .....	—	—	32	—	—	—	—	—	*
<b>Ruston (City of) .....</b>									
Ruston (LA) .....	—	—	2,045	—	—	—	—	—	64
Ruston (LA) .....	—	—	2,045	—	—	—	—	—	64
<b>Sacramento Mun Util Dist .....</b>									
Camino (CA) .....	—	1	155,019	230,735	—	590	—	*	1,401
Camp Far W (CA) .....	—	—	—	36,142	—	—	—	—	—
Campbell Soup (CA) .....	—	—	—	3,644	—	—	—	—	—
Carson (CA) .....	—	—	87,458	—	—	—	—	—	664
Coldwater Creek (CA) .....	—	—	25,591	—	—	—	—	—	288
Hedge PV (CA) .....	—	—	—	—	—	57	—	—	—
Jaybird (CA) .....	—	—	—	54,147	—	—	—	—	—
Jones Fork (CA) .....	—	—	—	3,023	—	—	—	—	—
Loon Lake (CA) .....	—	—	—	17,185	—	—	—	—	—
McClellan (CA) .....	—	1	632	—	—	—	—	*	9
Proc&Gamble (CA) .....	—	—	41,338	—	—	—	—	—	439
Robbs Peak (CA) .....	—	—	—	7,433	—	—	—	—	—
Slab Creek (CA) .....	—	—	—	—	—	—	—	—	—
Solano (CA) .....	—	—	—	—	—	306	—	—	—
Solar (CA) .....	—	—	—	—	—	227	—	—	—
Union Valley (CA) .....	—	—	—	14,195	—	—	—	—	—
White Rock (CA) .....	—	—	—	94,966	—	—	—	—	—
<b>Safe Harbor Water Power Corp .....</b>									
Safe Harbor (PA) .....	—	—	—	15,216	—	—	—	—	—
Safe Harbor (PA) .....	—	—	—	15,216	—	—	—	—	—
<b>Salt River Project .....</b>									
Agua Fria (AZ) .....	1,790,724	2,226	197,486	58,877	—	—	851	4	2,035
Agua Fria (AZ) .....	—	—	103,077	—	—	—	—	—	1,121
Coronado (AZ) .....	405,043	1,207	—	—	—	—	211	2	—
Crosscut (AZ) .....	—	—	—	972	—	—	—	—	—
Horse Mesa (AZ) .....	—	—	—	27,036	—	—	—	—	—
Kyrene (AZ) .....	—	1	14,467	—	—	—	—	*	185
Mormon Flat (AZ) .....	—	—	—	14,129	—	—	—	—	—
Navajo (AZ) .....	1,385,681	966	—	10,460	—	—	641	2	—
Roosevelt (AZ) .....	—	—	—	—	—	—	—	—	—
San Tan (AZ) .....	—	52	79,942	—	—	—	—	*	728
South Con (AZ) .....	—	—	—	411	—	—	—	—	—
Stewart Mtn (AZ) .....	—	—	—	5,869	—	—	—	—	—
Tnk Frm Stg (AZ) .....	—	—	—	—	—	—	—	—	—
<b>San Antonio Pub Serv Brd .....</b>									
Braunig, V H (TX) .....	898,561	117	687,097	—	—	—	539	*	7,098
Braunig, V H (TX) .....	—	—	321,308	—	—	—	—	—	3,301
Deely, J T (TX) .....	524,198	40	—	—	—	—	333	*	—
J K Spruce (TX) .....	374,363	—	—	—	—	—	206	—	—
Leon Creek (TX) .....	—	—	5,429	—	—	—	—	—	71
Mission Road (TX) .....	—	—	2,111	—	—	—	—	—	31
Sommers, O W (TX) .....	—	77	323,783	—	—	—	—	*	3,293
Tuttle, W B (TX) .....	—	—	34,466	—	—	—	—	—	402
<b>San Diego Gas &amp; Elec Co .....</b>									
Division (CA) .....	—	—	—	—	—	—	—	—	—
El Cajon (CA) .....	—	—	—	—	—	—	—	—	—
Encina (CA) .....	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>San Diego Gas &amp; Elec Co</b>									
Kearny (CA).....	—	—	—	—	—	—	—	—	—
Leased Strg (CA).....	—	—	—	—	—	—	—	—	—
Miramar (CA).....	—	—	—	—	—	—	—	—	—
Naval Station (CA).....	—	—	—	—	—	—	—	—	—
Naval Training Cntr (CA).....	—	—	—	—	—	—	—	—	—
North Island (CA).....	—	—	—	—	—	—	—	—	—
Silver Gate (CA).....	—	—	—	—	—	—	—	—	—
South Bay (CA).....	—	—	—	—	—	—	—	—	—
<b>San Miguel Elec Coop Inc</b> .....	<b>271,069</b>	<b>315</b>	—	—	—	—	<b>303</b>	<b>1</b>	—
San Miguel (TX).....	271,069	315	—	—	—	—	303	1	—
<b>Santa Clara (City of)</b> .....									
Black Butte (CA).....	—	—	<b>5,155</b>	<b>2,534</b>	—	—	—	—	<b>77</b>
Cogen Plant (CA).....	—	—	5,081	—	—	—	—	—	74
Gianera (CA).....	—	—	74	—	—	—	—	—	3
Grizzly (CA).....	—	—	—	1,131	—	—	—	—	—
Highline (CA).....	—	—	—	216	—	—	—	—	—
Stony Gorge (CA).....	—	—	—	1,187	—	—	—	—	—
<b>Savannah Elec &amp; Pwr Co</b> .....									
Boulevard (GA).....	<b>165,648</b>	<b>21,874</b>	<b>50,542</b>	—	—	—	<b>79</b>	<b>41</b>	<b>665</b>
Kraft (GA).....	—	—	361	—	—	—	—	—	7
McIntosh (GA).....	98,784	21,158	13,925	—	—	—	46	40	169
McIntosh (GA).....	66,864	716	34,783	—	—	—	33	2	464
Riverside (GA).....	—	—	1,473	—	—	—	—	—	25
<b>Seattle (City of)</b> .....									
Boundary (WA).....	—	—	—	<b>958,328</b>	—	—	—	—	—
Cedar Falls (WA).....	—	—	—	713,376	—	—	—	—	—
Diablo (WA).....	—	—	—	9,170	—	—	—	—	—
Gorge (WA).....	—	—	—	80,918	—	—	—	—	—
New Halem (WA).....	—	—	—	100,303	—	—	—	—	—
Ross Dam (WA).....	—	—	—	-6	—	—	—	—	—
South Fork Tolt (WA).....	—	—	—	48,324	—	—	—	—	—
South Fork Tolt (WA).....	—	—	—	6,243	—	—	—	—	—
<b>Seminole Electric Coop</b> .....									
Seminole (FL).....	<b>805,959</b>	<b>8,085</b>	—	—	—	—	<b>318</b>	<b>4</b>	—
Seminole (FL).....	805,959	8,085	—	—	—	—	318	4	—
<b>Sierra Pacific Power Co</b> .....									
Battle Mt (NV).....	<b>194,973</b>	<b>2,472</b>	<b>261,594</b>	<b>4,349</b>	—	—	<b>90</b>	<b>5</b>	<b>2,656</b>
Brunswick (NV).....	—	43	—	—	—	—	—	*	—
Elko (NV).....	—	—	—	—	—	—	—	—	—
Fallon (NV).....	—	-1	—	—	—	—	—	—	—
Farad (CA).....	—	—	—	-2	—	—	—	—	—
Fleish (NV).....	—	—	—	1,688	—	—	—	—	—
Fort Churchill (NV).....	—	—	91,731	—	—	—	—	—	933
Gabbs (NV).....	—	19	—	—	—	—	—	*	—
Kings Beach (CA).....	—	188	—	—	—	—	—	*	—
Lahontan (NV).....	—	—	—	—	—	—	—	—	—
North Valmy (NV).....	194,973	2,168	—	—	—	—	90	4	—
Pinon Pine (NV).....	—	—	61,427	—	—	—	—	—	489
Portola (CA).....	—	8	—	—	—	—	—	*	—
Tracy (NV).....	—	—	108,464	—	—	—	—	—	1,234
Valley Road (NV).....	—	47	—	—	—	—	—	*	—
Verdi (NV).....	—	—	—	1,283	—	—	—	—	—
Washoe (NV).....	—	—	—	1,381	—	—	—	—	—
Winnemucca (NV).....	—	—	-28	—	—	—	—	—	*
26 Foot Drop (NV).....	—	—	—	-1	—	—	—	—	—
<b>Sikeston (City of)</b> .....									
Coleman, E. P. (MO).....	<b>147,732</b>	<b>242</b>	—	—	—	—	<b>92</b>	<b>*</b>	—
Sikeston (MO).....	—	6	—	—	—	—	—	*	—
Sikeston (MO).....	147,732	236	—	—	—	—	92	*	—
<b>So Carolina Elec &amp; Gas Co</b> .....									
Burton (SC).....	<b>1,450,903</b>	<b>3,333</b>	<b>12,279</b>	<b>-14,353</b>	<b>645,678</b>	—	<b>572</b>	<b>7</b>	<b>165</b>
Canadys (SC).....	—	—	441	—	—	—	—	—	10
Coit (SC).....	186,545	1,190	300	—	—	—	77	2	4
Columbia Hydro (SC).....	—	—	644	—	—	—	—	—	11
Cope (SC).....	253,026	5	—	2,559	—	—	97	*	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>So Carolina Elec &amp; Gas Co</b>									
Faber Place (SC).....	—	—	61	—	—	—	—	—	1
Fairfield County (SC).....	—	—	—	-27,757	—	—	—	—	—
Hagood (SC).....	—	296	3,935	—	—	—	—	1	50
Hardeeville (SC).....	—	121	—	—	—	—	—	*	—
Mcmeekin (SC).....	141,298	90	—	—	—	—	52	*	—
Neal Shoals (SC).....	—	—	—	1,457	—	—	—	—	—
Parr (SC).....	—	—	1,708	—	—	—	—	—	28
Parr Hydro (SC).....	—	—	—	3,952	—	—	—	—	—
Saluda Hydro (SC).....	—	—	—	272	—	—	—	—	—
Stevens Creek Hydro (GA).....	—	—	—	5,164	—	—	—	—	—
SRS (SC).....	12,411	80	—	—	—	—	16	*	—
Urquhart (SC).....	126,948	21	4,063	—	—	—	51	*	41
V. C. Summer (SC).....	—	—	—	—	645,678	—	—	—	—
Wateree (SC).....	364,864	1,400	—	—	—	—	141	3	—
Williams (SC).....	365,811	130	1,127	—	—	—	138	*	20
<b>So Carolina Pub Serv Auth</b>									
Cross (SC).....	1,510,802	11,801	488	18,064	—	—	569	28	10
Granger, Dolphus M (SC).....	638,760	718	—	—	—	—	235	1	—
Hilton Head (SC).....	95,872	64	—	—	—	—	39	*	—
Jefferies (SC).....	—	2,036	—	—	—	—	—	5	—
Myrtle Beach (SC).....	160,223	7,184	—	16,563	—	—	62	17	—
Spillway (SC).....	—	1,182	488	—	—	—	—	4	10
St Stephens (SC).....	—	—	—	1,329	—	—	—	—	—
Winyah (SC).....	615,947	617	—	172	—	—	234	1	—
<b>Somerset Operations Inc</b>									
Somerset (MA).....	76,352	951	—	—	—	—	28	2	—
<b>South Miss Elec Pwr Assoc</b>									
Benndale (MS).....	217,213	761	72,838	—	—	—	94	2	855
Morrow (MS).....	—	—	150	—	—	—	—	—	2
Moselle (MS).....	217,213	490	—	—	—	—	94	1	—
Paulding (MS).....	—	271	72,688	—	—	—	—	—	853
<b>Southern Calif Edison Co</b>									
Baker Dam (CA).....	824,920	2,295	4,690	651,725	1,601,087	—	384	5	47
Big Creek 1 (CA).....	—	—	—	44,060	—	—	—	—	—
Big Creek 2 (CA).....	—	—	—	37,138	—	—	—	—	—
Big Creek 2a (CA).....	—	—	—	62,253	—	—	—	—	—
Big Creek 3 (CA).....	—	—	—	124,149	—	—	—	—	—
Big Creek 4 (CA).....	—	—	—	70,142	—	—	—	—	—
Big Creek 8 (CA).....	—	—	—	35,448	—	—	—	—	—
Bishop Creek 2 (CA).....	—	—	—	4,738	—	—	—	—	—
Bishop Creek 3 (CA).....	—	—	—	4,369	—	—	—	—	—
Bishop Creek 4 (CA).....	—	—	—	5,117	—	—	—	—	—
Bishop Creek 5 (CA).....	—	—	—	2,348	—	—	—	—	—
Bishop Creek 6 (CA).....	—	—	—	1,322	—	—	—	—	—
Borel (CA).....	—	—	—	7,491	—	—	—	—	—
Dominguez Hills (CA).....	—	—	—	—	—	—	—	—	—
Eastwood (CA).....	—	—	—	62,760	—	—	—	—	—
Fontana (CA).....	—	—	—	559	—	—	—	—	—
Kaweah 1 (CA).....	—	—	—	1,395	—	—	—	—	—
Kaweah 2 (CA).....	—	—	—	1,434	—	—	—	—	—
Kaweah 3 (CA).....	—	—	—	3,052	—	—	—	—	—
Kern River 1 (CA).....	—	—	—	17,887	—	—	—	—	—
Kern River 3 (CA).....	—	—	—	24,111	—	—	—	—	—
Lundy (CA).....	—	—	—	1,787	—	—	—	—	—
Lytle Creek (CA).....	—	—	—	257	—	—	—	—	—
Mammoth Pool (CA).....	—	—	—	121,162	—	—	—	—	—
Mill Creek 1 (CA).....	—	—	—	341	—	—	—	—	—
Mill Creek 2&3 (CA).....	—	—	—	—	—	—	—	—	—
Mill Creek 3 (CA).....	—	—	—	799	—	—	—	—	—
Mohave (NV).....	824,920	—	4,690	—	—	—	384	—	47
Ontario 1 (CA).....	—	—	—	256	—	—	—	—	—
Ontario 2 (CA).....	—	—	—	131	—	—	—	—	—
Pebbly Beach (CA).....	—	2,295	—	—	—	—	—	5	—
Poole (CA).....	—	—	—	7,276	—	—	—	—	—
Portal (CA).....	—	—	—	2,768	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Southern Calif Edison Co</b>									
Rush Creek (CA).....	—	—	—	4,526	—	—	—	—	—
San Geronio (CA).....	—	—	—	-3	—	—	—	—	—
San Geronio (CA).....	—	—	—	—	—	—	—	—	—
San Onofre (CA).....	—	—	—	—	1,601,087	—	—	—	—
Santa Ana 1 (CA).....	—	—	—	811	—	—	—	—	—
Santa Ana 3 (CA).....	—	—	—	1	—	—	—	—	—
Sierra (CA).....	—	—	—	217	—	—	—	—	—
Tule River (CA).....	—	—	—	1,623	—	—	—	—	—
<b>Southern Ill Pwr Coop</b> .....	<b>126,844</b>	<b>846</b>	—	—	—	—	<b>63</b>	<b>2</b>	—
Marion (IL).....	126,844	846	—	—	—	—	63	2	—
<b>Southern Indiana G &amp; E Co</b> .....	<b>531,191</b>	—	<b>14,633</b>	—	—	—	<b>250</b>	—	<b>186</b>
A. B. Brown (IN).....	252,975	—	6,360	—	—	—	118	—	66
Broadway (IN).....	—	—	6,692	—	—	—	—	—	100
Culley (IN).....	191,888	—	590	—	—	—	93	—	6
Northeast (IN).....	—	—	295	—	—	—	—	—	6
Warrick (IN).....	86,328	—	696	—	—	—	40	—	7
<b>Southwestern Elec Pwr Co</b> .....	<b>1,760,719</b>	<b>735</b>	<b>443,635</b>	—	—	—	<b>1,189</b>	<b>1</b>	<b>4,535</b>
Arsenal Hill (LA).....	—	—	21,413	—	—	—	—	—	246
Flint Creek (AR).....	327,061	65	—	—	—	—	204	*	—
Knox Lee (TX).....	—	—	122,234	—	—	—	—	—	1,262
Lieberman (LA).....	—	—	56,667	—	—	—	—	—	545
Lone Star (TX).....	—	—	2,545	—	—	—	—	—	32
Pirkey (TX).....	467,626	—	234	—	—	—	401	—	2
Welsh (TX).....	966,032	670	—	—	—	—	584	1	—
Wilkes (TX).....	—	—	240,542	—	—	—	—	—	2,448
<b>Southwestern Pub Serv Co</b> .....	<b>1,273,236</b>	<b>6</b>	<b>577,143</b>	—	—	—	<b>596</b>	<b>*</b>	<b>6,193</b>
Carlsbad (NM).....	—	—	—	—	—	—	—	—	—
Cunningham (NM).....	—	—	122,547	—	—	—	—	—	1,368
Harrington (TX).....	603,871	—	10,409	—	—	—	285	—	91
Jones (TX).....	—	—	169,797	—	—	—	—	—	1,807
Maddox (NM).....	—	—	51,329	—	—	—	—	—	527
Moore County (TX).....	—	—	3,395	—	—	—	—	—	44
Nichols (TX).....	—	—	128,815	—	—	—	—	—	1,275
Plant X (TX).....	—	—	90,743	—	—	—	—	—	1,080
Riverview (TX).....	—	—	—	—	—	—	—	—	—
Tolk Station (TX).....	669,365	—	108	—	—	—	311	—	1
Tucumcari (NM).....	—	6	—	—	—	—	—	*	—
<b>Springfield (City of)</b> .....	<b>187,396</b>	<b>376</b>	<b>11,735</b>	—	—	—	<b>103</b>	<b>1</b>	<b>152</b>
Dallman (IL).....	167,871	14	—	—	—	—	90	*	—
Factory (IL).....	—	215	—	—	—	—	—	1	—
Interstate (IL).....	—	—	11,735	—	—	—	—	—	152
Lakeside (IL).....	19,525	99	—	—	—	—	13	*	—
Reynolds (IL).....	—	48	—	—	—	—	—	*	—
<b>Springfield (City of)</b> .....	<b>239,482</b>	<b>48</b>	<b>20,731</b>	—	—	—	<b>149</b>	<b>*</b>	<b>256</b>
James River (MO).....	122,590	—	17,284	—	—	—	77	—	211
Main Street (MO).....	—	48	—	—	—	—	—	*	—
Southwest (MO).....	116,892	—	3,447	—	—	—	72	—	45
<b>St Joseph Lgt &amp; Pwr Co</b> .....	<b>49,229</b>	<b>35</b>	<b>3,994</b>	—	—	—	<b>33</b>	<b>*</b>	<b>77</b>
Lake Road (MO).....	49,229	35	3,994	—	—	—	33	*	77
<b>Sunflower Elec Coop</b> .....	<b>203,788</b>	—	<b>4,217</b>	—	—	—	<b>124</b>	—	<b>58</b>
Garden City (KS).....	—	—	3,565	—	—	—	—	—	51
Holcomb (KS).....	203,788	—	652	—	—	—	124	—	7
<b>Superior Wtr Lt Pwr Co</b> .....	—	—	—	—	—	—	—	—	—
Winslow (WI).....	—	—	—	—	—	—	—	—	—
<b>Systems Energy Resources Inc</b> .....	—	—	—	—	<b>883,753</b>	—	—	—	—
Grand Gulf (MS).....	—	—	—	—	883,753	—	—	—	—
<b>Tacoma (City of)</b> .....	—	—	—	<b>367,790</b>	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Tacoma (City of)</b>									
Alder (WA).....	—	—	—	32,916	—	—	—	—	—
Cushman 1 (WA).....	—	—	—	18,953	—	—	—	—	—
Cushman 2 (WA).....	—	—	—	32,599	—	—	—	—	—
La Grande (WA).....	—	—	—	46,094	—	—	—	—	—
Mayfield (WA).....	—	—	—	83,897	—	—	—	—	—
Mossyrock (WA).....	—	—	—	153,331	—	—	—	—	—
Steam Plant 2 (WA).....	—	—	—	—	—	—	—	—	—
Wynoochee (WA).....	—	—	—	—	—	—	—	—	—
<b>Tallahassee (City of)</b>									
Hopkins, Arvah B (FL).....	—	—	149,264	82	—	—	—	—	1,639
Jackson Bluff (FL).....	—	—	129,130	—	—	—	—	—	1,372
Purdom, S O (FL).....	—	—	20,134	82	—	—	—	—	267
<b>Tampa Electric Co</b>									
Big Bend (FL).....	1,337,302	72,306	—	—	—	—	615	135	—
Coal Storage (FL).....	850,182	7,627	—	—	—	—	369	20	—
Gannon, F J (FL).....	424,443	2,085	—	—	—	—	215	5	—
Hookers Point (FL).....	—	25,476	—	—	—	—	—	65	—
Polk (FL).....	62,677	29,701	—	—	—	—	31	35	—
S Dinner Lk (FL).....	—	—	—	—	—	—	—	—	—
S Phillips (FL).....	—	7,417	—	—	—	—	—	11	—
<b>Taunton (City of)</b>									
Cleary, B F (MA).....	—	2,851	17,924	—	—	—	—	5	199
	—	2,851	17,924	—	—	—	—	5	199
<b>Tennessee Valley Auth</b>									
Allen (TN).....	8,256,625	51,539	73,042	610,636	4,029,470	—	3,386	102	1,190
Apalachia (TN).....	338,239	1,200	38,560	—	—	—	166	3	597
Blue Ridge (GA).....	—	—	—	25,149	—	—	—	—	—
Boone (TN).....	—	—	—	1,934	—	—	—	—	—
Browns Ferry (AL).....	—	—	—	8,980	—	—	—	—	—
Bull Run (TN).....	—	—	—	—	1,600,411	—	—	—	—
Chatuge (NC).....	176,838	15,050	—	—	—	—	74	31	—
Cherokee (TN).....	—	—	—	1,217	—	—	—	—	—
Chickamauga (TN).....	—	—	—	2,292	—	—	—	—	—
Colbert (AL).....	739,688	11,500	34,482	—	—	—	321	24	594
Cumberland (TN).....	1,471,078	3,322	—	—	—	—	623	6	—
Douglas (TN).....	—	—	—	33,648	—	—	—	—	—
Fontana (NC).....	—	—	—	49,374	—	—	—	—	—
Fort Loudoun (TN).....	—	—	—	34,345	—	—	—	—	—
Fort Patrick Henry (TN).....	—	—	—	5,712	—	—	—	—	—
Gallatin (TN).....	653,789	490	—	—	—	—	148	1	—
Great Falls (TN).....	—	—	—	4,348	—	—	—	—	—
Guntersville (AL).....	—	—	—	34,033	—	—	—	—	—
Hiwassee (NC).....	—	—	—	12,136	—	—	—	—	—
Johnsonville (TN).....	638,117	16,356	—	—	—	—	281	31	—
Kentucky (KY).....	—	—	—	71,469	—	—	—	—	—
Kingston (TN).....	901,325	1,155	—	—	—	—	361	2	—
Melton Hill (TN).....	—	—	—	5,809	—	—	—	—	—
Nickajack (TN).....	—	—	—	28,481	—	—	—	—	—
Norris (TN).....	—	—	—	16,749	—	—	—	—	—
Nottely (GA).....	—	—	—	252	—	—	—	—	—
Ocoee 1 (TN).....	—	—	—	4,423	—	—	—	—	—
Ocoee 2 (TN).....	—	—	—	5,711	—	—	—	—	—
Ocoee 3 (TN).....	—	—	—	11,582	—	—	—	—	—
Paradise (KY).....	1,343,452	249	—	—	—	—	595	*	—
Pickwick (TN).....	—	—	—	60,441	—	—	—	—	—
Raccoon Mountain (TN).....	—	—	—	-69,359	—	—	—	—	—
Sequoyah (TN).....	—	—	—	—	1,626,077	—	—	—	—
Sevier, John (TN).....	444,942	232	—	—	—	—	172	*	—
Shawnee (KY).....	756,520	1,354	—	—	—	—	365	2	—
South Holston (TN).....	—	—	—	6,749	—	—	—	—	—
Tims Ford (TN).....	—	—	—	3,296	—	—	—	—	—
Watauga (TN).....	—	—	—	10,729	—	—	—	—	—
Watts Bar (TN).....	-76	—	—	—	—	—	—	—	—
Watts Bar (TN).....	—	—	—	38,576	—	—	—	—	—
Watts Bar (TN).....	—	—	—	—	802,982	—	—	—	—
Wheeler (AL).....	—	—	—	54,730	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Tennessee Valley Auth</b>									
Widows Creek (AL).....	792,713	631	—	—	—	—	280	1	—
Wilbur (TN).....	—	—	—	1,729	—	—	—	—	—
Wilson (AL).....	—	—	—	108,343	—	—	—	—	—
<b>Terrebonne Parish Consol</b>									
Govt.....	—	-23	2,587	—	—	—	—	*	158
Houma (LA).....	—	-23	2,587	—	—	—	—	*	158
<b>Texas Mun Power Agency</b>									
Gibbons Creek (TX).....	239,499	—	1,241	—	—	—	149	—	13
<b>Texas Utilities Elec Co.</b>									
Big Brown (TX).....	3,668,453	1,463	3,877,389	—	1,591,642	—	3,081	3	40,254
Collin (TX).....	590,064	—	2,885	—	—	—	491	—	30
Comanche Peak (TX).....	—	—	33,841	—	—	—	—	—	390
De Cordova (TX).....	—	—	—	—	1,591,642	—	—	—	—
Eagle Mountain (TX).....	—	—	336,384	—	—	—	—	—	3,281
Graham (TX).....	—	—	104,258	—	—	—	—	—	1,125
Handley (TX).....	—	—	283,290	—	—	—	—	—	2,625
Lake Creek (TX).....	—	—	302,155	—	—	—	—	—	3,783
Lake Hubbard (TX).....	—	—	86,959	—	—	—	—	—	812
Martin Lake (TX).....	1,455,143	924	258,318	—	—	—	1,235	2	—
Monticello (TX).....	1,224,148	431	—	—	—	—	1,053	1	—
Morgan Creek (TX).....	—	—	373,193	—	—	—	—	—	3,344
Mountain Creek (TX).....	—	—	244,987	—	—	—	—	—	2,629
North Lake (TX).....	—	—	185,529	—	—	—	—	—	2,082
North Main (TX).....	—	—	5,594	—	—	—	—	—	84
Parkdale (TX).....	—	—	50,120	—	—	—	—	—	699
Permian Basin (TX).....	—	—	314,137	—	—	—	—	—	3,228
River Crest (TX).....	—	—	19,968	—	—	—	—	—	253
Sandow (TX).....	399,098	32	—	—	—	—	302	*	—
Stryker Creek (TX).....	—	76	277,561	—	—	—	—	*	2,860
Tradinghouse Creek (TX).....	—	—	622,351	—	—	—	—	—	6,283
Trinidad (TX).....	—	—	53,520	—	—	—	—	—	583
Valley (TX).....	—	—	322,339	—	—	—	—	—	3,322
<b>Texas-New Mexico Power Co</b>									
Lordsburg (NM).....	176,908	—	1,445	—	—	—	155	—	17
TNP One (TX).....	176,908	—	1,445	—	—	—	155	—	17
<b>Toledo Edison Co (The)</b>									
Acme (OH).....	287,899	826	331	—	637,453	—	168	2	7
Bay Shore (OH).....	—	—	—	—	—	—	—	—	—
Davis-Besse (OH).....	287,899	353	—	—	—	—	168	1	—
Richland (OH).....	—	229	331	—	637,453	—	—	—	—
Stryker (OH).....	—	244	—	—	—	—	—	1	7
<b>Tri-state G &amp; T Assn Inc.</b>									
Burlington (CO).....	709,373	1,969	2,772	—	—	—	364	4	22
Craig (CO).....	—	1,787	—	—	—	—	—	4	—
Nucla (CO).....	650,764	—	2,772	—	—	—	332	—	22
Springerville (AZ).....	58,609	182	—	—	—	—	32	1	—
<b>Tucson Electric Power Co.</b>									
De Moss Petrie (AZ).....	556,513	400	60,742	—	—	—	289	1	725
Irvington (AZ).....	—	—	—	—	—	—	—	—	—
North Loop (AZ).....	55,492	—	59,715	—	—	—	25	—	702
Springerville (AZ).....	—	—	1,027	—	—	—	—	—	24
Turlock Irrigation Dist.....	501,021	400	—	—	—	—	263	1	—
<b>Turlock Irrigation Dist.</b>									
Almond (CA).....	—	—	5,511	52,256	—	—	—	—	54
Hickman (CA).....	—	—	5,321	—	—	—	—	—	51
Lagrange (CA).....	—	—	—	764	—	—	—	—	—
New Don Pedro (CA).....	—	—	—	1,658	—	—	—	—	—
Turlock Lake (CA).....	—	—	—	46,396	—	—	—	—	—
Uppr Dawson (CA).....	—	—	—	1,610	—	—	—	—	—
Walnut (CA).....	—	—	190	1,828	—	—	—	—	3
<b>Union Electric Co.</b>									
Callaway (MO).....	2,315,178	5,345	14,022	205,675	817,101	7,613	1,401	16	257

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Union Electric Co</b>									
Howard Bend (MO).....	—	395	—	—	—	—	—	1	—
Jefferson City (MO).....	—	324	—	—	—	—	—	1	—
Keokuk (IA).....	—	—	—	69,513	—	—	—	—	—
Kirkville (MO).....	—	—	11	—	—	—	—	—	1
Labadie (MO).....	1,146,905	608	—	—	—	—	703	1	—
Meramec (MO).....	217,903	350	2,851	—	—	—	125	2	33
Mexico (MO).....	—	337	—	—	—	—	—	1	—
Moberly (MO).....	—	336	—	—	—	—	—	1	—
Moreau (MO).....	—	325	—	—	—	—	—	1	—
Osage (MO).....	—	—	—	142,928	—	—	—	—	—
Portable (MO).....	—	—	—	—	—	—	—	—	—
Rush Island (MO).....	599,789	1,516	—	—	—	—	377	3	—
Sioux (MO).....	350,581	90	—	—	—	7,613	196	*	—
Taum Sauk (MO).....	—	—	—	-6,766	—	—	—	—	—
Venice No. 2 (IL).....	—	1,064	10,959	—	—	—	—	4	218
Viaduct (MO).....	—	—	201	—	—	—	—	—	5
<b>United Illuminating Co.....</b>									
Bridgeport Harbor (CT).....	—	—	—	—	—	—	—	—	—
English (CT).....	—	—	—	—	—	—	—	—	—
New Haven Harbor (CT).....	—	—	—	—	—	—	—	—	—
<b>United Power Assn.....</b>									
Cambridge (MN).....	94,978	369	700	—	—	14,993	78	1	8
Elk River (MN).....	—	149	—	—	—	—	—	*	—
Maple Lake (MN).....	—	—	700	—	—	14,993	—	—	8
Rock Lake (MN).....	—	44	—	—	—	—	—	*	—
Stanton (ND).....	—	34	—	—	—	—	—	*	—
Stanton (ND).....	94,978	142	—	—	—	—	78	*	—
<b>Utilicorp United Inc.....</b>									
Green, Ralph (MO).....	283,821	450	21,559	—	—	—	138	1	304
Greenwood (MO).....	—	—	4,250	—	—	—	—	—	62
Kci (MO).....	—	—	16,655	—	—	—	—	—	231
Nevada (MO).....	—	—	654	—	—	—	—	—	11
Sibley (MO).....	—	243	—	—	—	—	—	1	—
Sibley (MO).....	283,821	207	—	—	—	—	138	*	—
<b>UtiliCorp United Inc.....</b>									
Cimarron River (KS).....	18,114	27	81,520	—	—	—	11	*	1,097
Clark, W N (CO).....	—	—	12,284	—	—	—	—	—	172
Clifton (KS).....	18,114	—	—	—	—	—	11	—	—
Judson Large (KS).....	—	—	4,073	—	—	—	—	—	57
Mullergren, Arthur (KS).....	—	—	36,997	—	—	—	—	—	470
Pueblo (CO).....	—	—	26,160	—	—	—	—	—	345
Rocky Ford (CO).....	—	32	2,006	—	—	—	—	*	53
Rocky Ford (CO).....	—	-5	—	—	—	—	—	*	—
<b>USBR-Great Plains Region.....</b>									
Alcova (WY).....	—	—	—	479,925	—	—	—	—	—
Big Thompson (CO).....	—	—	—	26,072	—	—	—	—	—
Boysen (WY).....	—	—	—	2,635	—	—	—	—	—
Buffalo Bill (WY).....	—	—	—	10,849	—	—	—	—	—
Canyon Ferry (MT).....	—	—	—	12,795	—	—	—	—	—
Estes (CO).....	—	—	—	37,883	—	—	—	—	—
Flatiron (CO).....	—	—	—	291	—	—	—	—	—
Fremont Canyon (WY).....	—	—	—	25,885	—	—	—	—	—
Glendo (WY).....	—	—	—	46,845	—	—	—	—	—
Green Mountain (CO).....	—	—	—	25,673	—	—	—	—	—
Guernsey (WY).....	—	—	—	11,909	—	—	—	—	—
Heart Mountain (WY).....	—	—	—	4,516	—	—	—	—	—
Kortes (WY).....	—	—	—	3,105	—	—	—	—	—
Marys Lake (CO).....	—	—	—	26,724	—	—	—	—	—
Mount Elbert (CO).....	—	—	—	84	—	—	—	—	—
Pilot Butte (WY).....	—	—	—	-6,794	—	—	—	—	—
Pole Hill (CO).....	—	—	—	944	—	—	—	—	—
Seminole (WY).....	—	—	—	23,082	—	—	—	—	—
Shoshone (WY).....	—	—	—	34,947	—	—	—	—	—
Spirit Mountain (WY).....	—	—	—	2,016	—	—	—	—	—
Yellowtail (MT).....	—	—	—	2,083	—	—	—	—	—
Yellowtail (MT).....	—	—	—	188,381	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>USBR-Lower Colorado</b>									
<b>Region</b> .....	—	—	—	<b>694,615</b>	—	—	—	—	—
Davis (AZ).....	—	—	—	129,806	—	—	—	—	—
Hoover (AZ).....	—	—	—	260,884	—	—	—	—	—
Hoover (NV).....	—	—	—	249,249	—	—	—	—	—
Parker (CA).....	—	—	—	54,676	—	—	—	—	—
<b>USBR-Mid Pacific Region</b> .....	—	—	—	<b>656,740</b>	—	—	—	—	—
Folsom (CA).....	—	—	—	69,565	—	—	—	—	—
Judge F Carr (CA).....	—	—	—	70,505	—	—	—	—	—
Keswick (CA).....	—	—	—	49,198	—	—	—	—	—
Lewiston (CA).....	—	—	—	222	—	—	—	—	—
New Melones (CA).....	—	—	—	82,536	—	—	—	—	—
Nimbus (CA).....	—	—	—	6,152	—	—	—	—	—
O Neill (CA).....	—	—	—	794	—	—	—	—	—
Shasta (CA).....	—	—	—	230,834	—	—	—	—	—
Spring Creek (CA).....	—	—	—	69,220	—	—	—	—	—
Stampede (CA).....	—	—	—	2,619	—	—	—	—	—
Trinity (CA).....	—	—	—	75,095	—	—	—	—	—
<b>USBR-Pacific NW Region</b> .....	—	—	—	<b>2,544,869</b>	—	—	—	—	—
Anderson Ranch (ID).....	—	—	—	27,683	—	—	—	—	—
Black Canyon (ID).....	—	—	—	6,715	—	—	—	—	—
Boise River Div (ID).....	—	—	—	—	—	—	—	—	—
Chandler (WA).....	—	—	—	4,072	—	—	—	—	—
Grand Coulee (WA).....	—	—	—	2,341,220	—	—	—	—	—
Green Springs (OR).....	—	—	—	7,640	—	—	—	—	—
Hungry Horse (MT).....	—	—	—	34,485	—	—	—	—	—
Minidoka (ID).....	—	—	—	13,847	—	—	—	—	—
Palisades (ID).....	—	—	—	101,260	—	—	—	—	—
Roza (WA).....	—	—	—	7,947	—	—	—	—	—
<b>USBR-Upper Colorado Region</b>	—	—	—	<b>696,385</b>	—	—	—	—	—
Blue Mesa (CO).....	—	—	—	19,949	—	—	—	—	—
Crystal (CO).....	—	—	—	20,447	—	—	—	—	—
Deer Creek (UT).....	—	—	—	3,705	—	—	—	—	—
Elephant Butte (NM).....	—	—	—	18,557	—	—	—	—	—
Flaming Gorge (UT).....	—	—	—	97,264	—	—	—	—	—
Fontenelle (WY).....	—	—	—	7,475	—	—	—	—	—
Glen Canyon (AZ).....	—	—	—	484,718	—	—	—	—	—
Lower Molina (CO).....	—	—	—	3,213	—	—	—	—	—
McPhee (CO).....	—	—	—	828	—	—	—	—	—
Morrow Point (CO).....	—	—	—	30,258	—	—	—	—	—
Towaoc (CO).....	—	—	—	4,531	—	—	—	—	—
Upper Molina (CO).....	—	—	—	5,440	—	—	—	—	—
<b>USCE-Fort Worth District</b> .....	—	—	—	<b>12,809</b>	—	—	—	—	—
R D Willis (TX).....	—	—	—	3,756	—	—	—	—	—
Sam Rayburn (TX).....	—	—	—	8,811	—	—	—	—	—
Whitney (TX).....	—	—	—	242	—	—	—	—	—
<b>USCE-Hartwell Power Plant</b> .....	—	—	—	<b>23,326</b>	—	—	—	—	—
Hartwell (GA).....	—	—	—	23,326	—	—	—	—	—
<b>USCE-J Strom Thur Pwr Plt</b> .....	—	—	—	<b>32,942</b>	—	—	—	—	—
J Strom Thurmond (SC).....	—	—	—	32,942	—	—	—	—	—
<b>USCE-Kansas City Dist</b> .....	—	—	—	<b>96,818</b>	—	—	—	—	—
Harry S Truman (MO).....	—	—	—	81,217	—	—	—	—	—
Stockton (MO).....	—	—	—	15,601	—	—	—	—	—
<b>USCE-Little Rock</b> .....	—	—	—	<b>253,672</b>	—	—	—	—	—
Beaver (AR).....	—	—	—	39,977	—	—	—	—	—
Bull Shoals (AR).....	—	—	—	86,642	—	—	—	—	—
Dardanelle (AR).....	—	—	—	25,119	—	—	—	—	—
Greers Ferry (AR).....	—	—	—	4,929	—	—	—	—	—
Norfolk (AR).....	—	—	—	21,616	—	—	—	—	—
Ozark (AR).....	—	—	—	15,295	—	—	—	—	—
Table Rock (MO).....	—	—	—	60,094	—	—	—	—	—

See footnotes at end of table.



**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)  Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>USCE-Missouri River District.....</b>	—	—	—	<b>1,025,791</b>	—	—	—	—	—
Big Bend (SD).....	—	—	—	98,575	—	—	—	—	—
Fort Peck (MT).....	—	—	—	90,121	—	—	—	—	—
Fort Randall (SD).....	—	—	—	200,174	—	—	—	—	—
Garrison (ND).....	—	—	—	264,418	—	—	—	—	—
Gavins Point (NE).....	—	—	—	77,670	—	—	—	—	—
Oahe (SD).....	—	—	—	294,833	—	—	—	—	—
<b>USCE-Mobile District.....</b>	—	—	—	<b>137,041</b>	—	—	—	—	—
Allatoona (GA).....	—	—	—	4,941	—	—	—	—	—
Buford (GA).....	—	—	—	11,828	—	—	—	—	—
Carters (GA).....	—	—	—	35,702	—	—	—	—	—
J Woodruff (FL).....	—	—	—	88	—	—	—	—	—
Jones Bluff (AL).....	—	—	—	20,637	—	—	—	—	—
Millers Ferry (AL).....	—	—	—	25,355	—	—	—	—	—
Walter F George (GA).....	—	—	—	26,577	—	—	—	—	—
West Point (GA).....	—	—	—	11,913	—	—	—	—	—
<b>USCE-Nashville.....</b>	—	—	—	<b>177,101</b>	—	—	—	—	—
Barkley (KY).....	—	—	—	31,259	—	—	—	—	—
Center Hill (TN).....	—	—	—	13,671	—	—	—	—	—
Cheatham (TN).....	—	—	—	12,951	—	—	—	—	—
Cordell Hull (TN).....	—	—	—	24,958	—	—	—	—	—
Dale Hollow (TN).....	—	—	—	11,187	—	—	—	—	—
J Percy Priest (TN).....	—	—	—	1,024	—	—	—	—	—
Laurel (KY).....	—	—	—	1,496	—	—	—	—	—
Old Hickory (TN).....	—	—	—	28,986	—	—	—	—	—
Wolf Creek (KY).....	—	—	—	51,569	—	—	—	—	—
<b>USCE-North Pacific Div.....</b>	—	—	—	<b>6,870,121</b>	—	—	—	—	—
Albeni Falls (ID).....	—	—	—	12,139	—	—	—	—	—
Big Cliff (OR).....	—	—	—	13,296	—	—	—	—	—
Bonneville (OR).....	—	—	—	545,417	—	—	—	—	—
Chief Joseph (WA).....	—	—	—	1,306,031	—	—	—	—	—
Cougar (OR).....	—	—	—	20,047	—	—	—	—	—
Detroit (OR).....	—	—	—	59,719	—	—	—	—	—
Dexter (OR).....	—	—	—	10,391	—	—	—	—	—
Dworshak (ID).....	—	—	—	39,815	—	—	—	—	—
Foster (OR).....	—	—	—	10,638	—	—	—	—	—
Green Peter (OR).....	—	—	—	9,322	—	—	—	—	—
Hills Creek (OR).....	—	—	—	23,264	—	—	—	—	—
Ice Harbor (WA).....	—	—	—	397,910	—	—	—	—	—
John Day (OR).....	—	—	—	1,328,229	—	—	—	—	—
Libby (MT).....	—	—	—	205,724	—	—	—	—	—
Little Goose (WA).....	—	—	—	514,678	—	—	—	—	—
Lookout Point (OR).....	—	—	—	49,171	—	—	—	—	—
Lost Creek (OR).....	—	—	—	36,142	—	—	—	—	—
Lower Granite (WA).....	—	—	—	451,807	—	—	—	—	—
Lower Monumental (WA).....	—	—	—	551,208	—	—	—	—	—
McNary (OR).....	—	—	—	581,870	—	—	—	—	—
The Dalles (WA).....	—	—	—	703,303	—	—	—	—	—
<b>USCE-R B Russell.....</b>	—	—	—	<b>23,959</b>	—	—	—	—	—
R B Russell (GA).....	—	—	—	23,959	—	—	—	—	—
<b>USCE-Tulsa District.....</b>	—	—	—	<b>307,484</b>	—	—	—	—	—
Broken Bow (OK).....	—	—	—	10,318	—	—	—	—	—
Denison (TX).....	—	—	—	33,942	—	—	—	—	—
Eufaula (OK).....	—	—	—	42,613	—	—	—	—	—
Fort Gibson (OK).....	—	—	—	35,725	—	—	—	—	—
Keystone (OK).....	—	—	—	54,745	—	—	—	—	—
Robert S Kerr (OK).....	—	—	—	85,385	—	—	—	—	—
Tenkiller Ferry (OK).....	—	—	—	21,063	—	—	—	—	—
Webbers Falls (OK).....	—	—	—	23,693	—	—	—	—	—
<b>USCE-Vickburg District.....</b>	—	—	—	<b>11,110</b>	—	—	—	—	—
Blakely Mountain (AR).....	—	—	—	7,485	—	—	—	—	—
Degray (AR).....	—	—	—	3,192	—	—	—	—	—
Narrows (AR).....	—	—	—	433	—	—	—	—	—

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>USCE-Wilmington</b> .....	—	—	—	<b>17,913</b>	—	—	—	—	—
John H Kerr (VA).....	—	—	—	16,398	—	—	—	—	—
Philpott (VA).....	—	—	—	1,515	—	—	—	—	—
<b>Vero Beach (City of)</b> .....	—	<b>562</b>	<b>13,134</b>	—	—	—	—	<b>1</b>	<b>175</b>
Municipal Plant (FL).....	—	562	13,134	—	—	—	—	1	175
<b>Vineland (City of)</b> .....	<b>2,241</b>	<b>4,142</b>	—	—	—	—	<b>1</b>	<b>12</b>	—
Down, Howard (NJ).....	2,241	2,278	—	—	—	—	1	7	—
West (NJ).....	—	1,864	—	—	—	—	—	5	—
<b>Virginia Elec &amp; Power Co</b> .....	<b>3,104,842</b>	<b>245,514</b>	<b>200,719</b>	<b>-77,499</b>	<b>2,468,855</b>	—	<b>1,230</b>	<b>390</b>	<b>1,891</b>
Bath County (VA).....	—	—	—	-102,671	—	—	—	—	—
Bell Meade (VA).....	—	—	52,671	—	—	—	—	—	446
Bremono Bluff (VA).....	129,810	54	—	—	—	—	56	*	—
Chesapeake (VA).....	365,700	3,115	—	—	—	—	140	7	—
Chesterfield (VA).....	749,176	2,138	123,883	—	—	—	289	4	1,126
Clover (VA).....	546,558	493	—	—	—	—	206	1	—
Cushaw (VA).....	—	—	—	290	—	—	—	—	—
Darbytown (VA).....	—	11,716	3,251	—	—	—	—	25	78
Gaston (NC).....	—	—	—	11,481	—	—	—	—	—
Gravel Neck (VA).....	—	7,055	11,204	—	—	—	—	15	133
Kitty Hawk (NC).....	—	161	—	—	—	—	—	1	—
Low Moor (VA).....	—	1,267	—	—	—	—	—	4	—
Mt Storm (WV).....	953,435	2,435	—	—	—	—	383	4	—
North Anna (VA).....	—	—	—	114	1,316,534	—	—	—	—
North Branch (WV).....	29,591	—	—	—	—	—	21	—	—
Northern Neck (VA).....	—	1,025	—	—	—	—	—	3	—
Possum Point (VA).....	163,838	19,449	—	—	—	—	66	38	—
Roanoke Rapids (NC).....	—	—	—	13,287	—	—	—	—	—
Surry (VA).....	—	—	—	—	1,152,321	—	—	—	—
Yktn Term A (VA).....	—	—	—	—	—	—	—	—	—
Yorktown (VA).....	166,734	196,606	9,710	—	—	—	68	289	108
1st Energy (VA).....	—	—	—	—	—	—	—	—	—
<b>Vt Yankee Nuclear Pr Corp</b> .....	—	—	—	—	<b>363,272</b>	—	—	—	—
Vt. Yankee (VT).....	—	—	—	—	363,272	—	—	—	—
<b>Wash Pub Pwr Supply Systm</b> .....	—	—	—	<b>18,925</b>	<b>-8,366</b>	—	—	—	—
Packwood (WA).....	—	—	—	18,925	—	—	—	—	—
WNP-2 (WA).....	—	—	—	—	-8,366	—	—	—	—
<b>Waverly (City of)</b> .....	—	<b>59</b>	<b>34</b>	<b>207</b>	—	<b>14</b>	—	*	*
East Hydro (IA).....	—	—	—	207	—	—	—	—	—
East Plant (IA).....	—	5	—	—	—	—	—	*	—
North Plant (IA).....	—	54	34	—	—	—	—	*	*
Skeets 1 (IA).....	—	—	—	—	—	14	—	—	—
<b>West Penn Power Co</b> .....	<b>922,082</b>	<b>13,188</b>	<b>739</b>	<b>587</b>	—	—	<b>366</b>	<b>23</b>	<b>8</b>
Armstrong (PA).....	121,827	622	—	—	—	—	51	1	—
Hatfields Ferry (PA).....	693,845	274	—	—	—	—	269	*	—
Lake Lynn (WV).....	—	—	—	587	—	—	—	—	—
Mitchell (PA).....	106,410	12,292	739	—	—	—	46	22	8
Springdale (PA).....	—	—	—	—	—	—	—	—	—
<b>West Texas Utilities Co</b> .....	<b>399,580</b>	<b>801</b>	<b>313,284</b>	—	—	—	<b>245</b>	<b>1</b>	<b>3,290</b>
Abilene (TX).....	—	—	—	—	—	—	—	—	—
Fort Phantom (TX).....	—	—	104,260	—	—	—	—	—	1,068
Ft Stockton (TX).....	—	—	—	—	—	—	—	—	—
Lake Pauline (TX).....	—	—	1,115	—	—	—	—	—	16
Oak Creek (TX).....	—	—	33,131	—	—	—	—	—	315
Oklaunion (TX).....	399,580	801	—	—	—	—	245	1	—
Paint Creek (TX).....	—	—	49,223	—	—	—	—	—	553
Presidio (TX).....	—	—	—	—	—	—	—	—	—
Rio Pecos (TX).....	—	—	53,101	—	—	—	—	—	609
San Angelo (TX).....	—	—	72,454	—	—	—	—	—	729
Vernon (TX).....	—	—	—	—	—	—	—	—	—
<b>Western Farmers Elec Coop</b> .....	<b>245,704</b>	<b>63</b>	<b>195,755</b>	—	—	—	<b>149</b>	*	<b>1,909</b>
Anadarko (OK).....	—	—	125,287	—	—	—	—	—	1,141

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Western Farmers Elec Coop</b>									
Hugo (OK).....	245,704	63	—	—	—	—	149	*	—
Mooreland (OK).....	—	—	70,468	—	—	—	—	—	768
<b>Western Mass Elec Co.....</b>									
Cabot (MA).....	—	<b>7,076</b>	<b>28,534</b>	<b>-23,375</b>	—	—	—	<b>14</b>	<b>306</b>
Cobble Mountain (MA).....	—	—	—	2,486	—	—	—	—	—
Doreen (MA).....	—	447	—	—	—	—	—	1	—
Dwight (MA).....	—	—	—	172	—	—	—	—	—
Gardners Falls (MA).....	—	—	—	295	—	—	—	—	—
Indian Orchard (MA).....	—	—	—	4	—	—	—	—	—
Northfield Mountain (MA).....	—	—	—	-35,381	—	—	—	—	—
Putts Bridge (MA).....	—	—	—	1	—	—	—	—	—
Red Bridge (MA).....	—	—	—	34	—	—	—	—	—
Turners Falls (MA).....	—	—	—	513	—	—	—	—	—
West Springfield (MA).....	—	5,942	28,534	—	—	—	—	11	306
Woodland Road (MA).....	—	687	—	—	—	—	—	2	—
<b>Wisconsin Electric Pwr Co.....</b>									
Appleton (WI).....	<b>1,684,085</b>	<b>5,211</b>	<b>62,425</b>	<b>39,471</b>	<b>731,312</b>	—	<b>986</b>	<b>13</b>	<b>822</b>
Big Quinnesec 61 (MI).....	—	—	—	1,339	—	—	—	—	—
Big Quinnesec 92 (MI).....	—	—	—	691	—	—	—	—	—
Brule (MI).....	—	—	—	9,214	—	—	—	—	—
Chalk Hill (MI).....	—	—	—	910	—	—	—	—	—
Concord (WI).....	—	—	27,294	3,424	—	—	—	—	—
Germantown (WI).....	—	3,443	—	—	—	—	—	9	383
Hemlock Falls (MI).....	—	—	—	1,185	—	—	—	—	—
Kingsford (MI).....	—	—	—	2,877	—	—	—	—	—
Lower Paint (MI).....	—	—	—	30	—	—	—	—	—
Michigamme Falls (MI).....	—	—	—	3,888	—	—	—	—	—
Oconto Falls (WI).....	—	—	—	358	—	—	—	—	—
Oil Storage (WI).....	—	—	—	—	—	—	—	—	—
Paris (WI).....	—	—	20,508	—	—	—	—	—	284
Peavy Falls (MI).....	—	—	—	6,456	—	—	—	—	—
Pine (WI).....	—	—	—	1,509	—	—	—	—	—
Pleasant Prairie (WI).....	680,737	464	4,363	—	—	—	432	1	46
Point Beach (WI).....	—	376	—	—	731,312	—	—	1	—
Port Washington (WI).....	87,774	204	—	—	—	—	45	*	—
Presque Isle (MI).....	280,304	724	—	—	—	—	160	2	—
South Oak Creek (WI).....	537,456	—	9,707	—	—	—	291	—	101
Sturgeon (MI).....	—	—	—	—	—	—	—	—	—
Twin Falls (MI).....	—	—	—	3,164	—	—	—	—	—
Valley (WI).....	97,814	—	553	—	—	—	58	—	8
Way (MI).....	—	—	—	918	—	—	—	—	—
Weyauwega (WI).....	—	—	—	—	—	—	—	—	—
White Rapids (MI).....	—	—	—	3,508	—	—	—	—	—
<b>Wisconsin Pub Serv Corp.....</b>									
Alexander (WI).....	<b>432,631</b>	<b>54</b>	<b>30,209</b>	<b>24,654</b>	<b>357,851</b>	—	<b>284</b>	<b>*</b>	<b>406</b>
Caldron Falls (WI).....	—	—	—	1,826	—	—	—	—	—
Eagle River (WI).....	—	12	—	1,318	—	—	—	*	—
Grand Rapids (MI).....	—	—	—	4,107	—	—	—	—	—
Grandfather Falls (WI).....	—	—	—	7,877	—	—	—	—	—
Hat Rapids (WI).....	—	—	—	644	—	—	—	—	—
High Falls (WI).....	—	—	—	1,455	—	—	—	—	—
Jersey (WI).....	—	—	—	276	—	—	—	—	—
Johnson Falls (WI).....	—	—	—	841	—	—	—	—	—
Kewaunee (WI).....	—	—	—	—	357,851	—	—	—	—
Merrill (WI).....	—	—	—	971	—	—	—	—	—
Oneida Casino (WI).....	—	41	—	—	—	—	—	*	—
Otter Rapids (WI).....	—	—	—	167	—	—	—	—	—
Peshigo (WI).....	—	—	—	282	—	—	—	—	—
Potato Rapids (WI).....	—	—	—	376	—	—	—	—	—
Pulliam (WI).....	192,250	—	2,741	—	—	—	132	—	34
Sandstone Rapids (WI).....	—	—	—	906	—	—	—	—	—
Tomahawk (WI).....	—	—	—	1,065	—	—	—	—	—
Wausau (WI).....	—	—	—	2,543	—	—	—	—	—
West Marinette (WI).....	—	—	18,246	—	—	—	—	—	252
Weston (WI).....	240,381	1	9,222	—	—	—	152	*	120

See footnotes at end of table.

**Table 56A. U.S. Electric Utility Net Generation and Fuel Consumption, by Company and Plant, June 1999 (Continued)**

Company (Holding Company)  Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)		
	Coal	Petroleum	Gas	Hydro	Nuclear	Other <sup>1</sup>	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)
<b>Wisconsin Pwr &amp; Lgt Co.....</b>	<b>1,079,399</b>	<b>2,718</b>	<b>21,099</b>	<b>14,084</b>	—	<b>12,984</b>	<b>658</b>	<b>5</b>	<b>316</b>
Blackhawk (WI).....	—	—	3,601	—	—	—	—	—	58
Columbia (WI).....	533,799	2,120	—	—	—	—	340	4	—
Dewey, Nelson (WI).....	96,166	39	—	—	—	474	53	*	—
Edgewater (WI).....	435,560	314	—	—	—	12,510	256	1	—
Kilbourn (WI).....	—	—	—	4,324	—	—	—	—	—
NA 1 (WI).....	—	—	8,733	—	—	—	—	—	135
Portable (WI).....	—	—	—	—	—	—	—	—	—
Prairie Du Sac (WI).....	—	—	—	9,412	—	—	—	—	—
Rock River (WI).....	13,874	245	7,972	—	—	—	10	1	110
Shawano (WI).....	—	—	—	348	—	—	—	—	—
Sheepskin (WI).....	—	—	793	—	—	—	—	—	13
<b>Wolf Creek Nuclear Corp.....</b>	—	—	—	—	<b>852,094</b>	—	—	—	—
Wolf Creek (KS).....	—	—	—	—	852,094	—	—	—	—
<b>Wyandotte (City of).....</b>	<b>17,507</b>	—	<b>5,852</b>	—	—	—	<b>9</b>	—	<b>79</b>
Wyandotte (MI).....	17,507	—	5,852	—	—	—	9	—	79
<b>Yuba County Water Agency.....</b>	—	—	—	<b>155,703</b>	—	—	—	—	—
Fish Power (CA).....	—	—	—	107	—	—	—	—	—
New Colgate (CA).....	—	—	—	124,473	—	—	—	—	—
New Narrows (CA).....	—	—	—	31,123	—	—	—	—	—

<sup>1</sup> 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, May 1999**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu					
	Receipts		Average Cost <sup>3</sup>		Avg. Sulfur %	Receipts		Average Cost <sup>3</sup>		Avg. Sulfur %	Receipts		Average Cost <sup>3</sup>		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 <sup>6</sup> Btu)	(\$ per short ton)	(1,000 bbls)		(Cents per 10 <sup>6</sup> Btu)	\$ per bbl	(1,000 Mcf)	(Cents per 10 <sup>6</sup> Btu)		\$ per Mcf						
<b>Alabama Electric Coop Inc</b> .....	<b>104</b>	<b>139.6</b>	<b>33.42</b>	<b>1.37</b>	<b>1</b>	<b>367.4</b>	<b>20.14</b>	—	—	—	—	<b>100</b>	*	—			
Lowman (AL).....	104	139.6	33.42	1.37	1	367.4	20.14	—	—	—	—	100	*	—			
<b>Alabama Power Co<sup>4</sup></b> .....	<b>2,181</b>	<b>164.5</b>	<b>35.24</b>	<b>.80</b>	<b>11</b>	<b>227.4</b>	<b>13.23</b>	—	—	<b>140</b>	<b>264.5</b>	<b>2.70</b>	<b>100</b>	*	*		
Barry (AL).....	444	200.1	48.19	.71	—	—	—	—	—	63	240.5	2.50	99	—	1		
Gadsden (AL).....	15	141.1	37.23	2.36	—	—	—	—	—	35	328.3	3.31	92	—	8		
Gaston (AL).....	328	213.2	53.02	1.09	5	260.5	15.21	—	—	—	—	—	100	*	—		
Gorgas 2 and 3 (AL).....	311	157.7	37.69	1.31	—	—	—	—	—	—	—	—	100	—	—		
Greene (AL).....	163	126.5	31.39	1.82	6	198.0	11.48	—	—	6	290.0	2.97	99	1	*		
James Miller (AL).....	919	129.3	22.46	.35	—	—	—	—	—	35	239.9	2.40	100	—	*		
<b>Alexandria City of</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>275</b>	<b>243.0</b>	<b>2.55</b>	<b>—</b>	<b>—</b>	<b>100</b>		
Alexandria-Hunter (LA).....	—	—	—	—	—	—	—	—	—	275	243.0	2.55	—	—	100		
<b>American Municipal Power</b> .....	<b>61</b>	<b>83.5</b>	<b>19.27</b>	<b>5.12</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>9</b>	<b>384.6</b>	<b>4.00</b>	<b>99</b>	<b>—</b>	<b>1</b>		
Gorsuch (OH).....	61	83.5	19.27	5.12	—	—	—	—	—	9	384.6	4.00	99	—	1		
<b>Ames City of</b> .....	<b>13</b>	<b>144.5</b>	<b>25.67</b>	<b>.18</b>	<b>*</b>	<b>392.6</b>	<b>22.64</b>	<b>0.20</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>99</b>	<b>1</b>	<b>—</b>		
Ames (IA).....	13	144.5	25.67	.18	*	392.6	22.64	.20	—	—	—	—	99	1	—		
<b>Anchorage City of</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>574</b>	<b>205.0</b>	<b>2.05</b>	<b>—</b>	<b>—</b>	<b>100</b>		
George Sullivan (AK).....	—	—	—	—	—	—	—	—	—	574	205.0	2.05	—	—	100		
<b>Appalachian Power Co</b> .....	<b>994</b>	<b>133.2</b>	<b>32.86</b>	<b>.73</b>	<b>6</b>	<b>360.8</b>	<b>21.06</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>		
Amos (WV).....	382	133.7	32.61	.77	—	—	—	—	—	—	—	—	100	—	—		
Clinch River (VA).....	135	131.3	33.04	.66	1	410.7	24.07	—	—	—	—	—	100	*	—		
Glen Lyn (VA).....	69	136.9	35.16	.88	4	341.6	19.87	—	—	—	—	—	99	1	—		
Kanawha River (WV).....	67	144.8	35.49	.78	1	390.2	23.13	—	—	—	—	—	100	*	—		
Mountaineer (WV).....	341	130.4	32.07	.67	*	423.3	24.50	—	—	—	—	—	100	*	—		
<b>Arizona Electric Pwr Coop Inc</b> .....	<b>144</b>	<b>119.2</b>	<b>23.40</b>	<b>.52</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>157</b>	<b>208.0</b>	<b>2.13</b>	<b>95</b>	<b>—</b>	<b>5</b>		
Apache (AZ).....	144	119.2	23.40	.52	—	—	—	—	—	157	208.0	2.13	95	—	5		
<b>Arizona Public Service Co</b> .....	<b>942</b>	<b>116.8</b>	<b>23.89</b>	<b>.62</b>	<b>20</b>	<b>371.1</b>	<b>21.35</b>	<b>.05</b>	<b>2,013</b>	<b>279.6</b>	<b>2.66</b>	<b>90</b>	<b>1</b>	<b>9</b>			
Cholla (AZ).....	341	142.0	28.78	.44	—	—	—	—	1	345.4	3.52	100	—	*			
Four Corners (NM).....	601	102.7	21.12	.72	—	—	—	—	74	267.1	2.70	99	—	1			
Ocotillo (AZ).....	—	—	—	—	—	—	—	—	502	293.0	2.32	—	—	100			
Phoenix (AZ).....	—	—	—	—	20	371.1	21.35	.05	630	293.0	3.32	—	14	86			
Saguaro (AZ).....	—	—	—	—	—	—	—	—	434	290.0	2.88	—	—	100			
Yucca (AZ).....	—	—	—	—	—	—	—	—	372	217.0	1.72	—	—	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, May 1999 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts	Average Cost <sup>2</sup>		Avg. Sulfur %	Receipts	Average Cost <sup>2</sup>		Avg. Sulfur %	Receipts	Average Cost <sup>2</sup>		Coal	Petroleum	Gas
		(1,000 tons)	(Cents per 10 <sup>6</sup> Btu)			(\$ per short ton)	(1,000 bbls)			(Cents per 10 <sup>6</sup> Btu)	\$ per bbl			
<b>Arkansas Power &amp; Light Co.</b> .....	<b>1,163</b>	<b>151.7</b>	<b>26.06</b>	<b>0.29</b>	<b>5</b>	<b>303.1</b>	<b>17.97</b>	<b>—</b>	<b>1,786</b>	<b>248.2</b>	<b>2.52</b>	<b>92</b>	<b>*</b>	<b>8</b>
Couch (AR) .....	—	—	—	—	—	—	—	—	342	247.0	2.51	—	—	100
Independence (AR).....	647	137.5	23.85	.26	*	315.4	18.65	—	—	—	—	100	*	—
Lake Catherine (AR).....	—	—	—	—	—	—	—	—	1,418	248.5	2.52	—	—	100
Ritchie (AR).....	—	—	—	—	—	—	—	—	25	244.6	2.48	—	—	100
Whitebluff (AR).....	516	170.0	28.83	.34	5	303.0	17.96	—	—	—	—	100	*	—
<b>Associated Electric Coop Inc</b> .....	<b>921</b>	<b>83.0</b>	<b>14.74</b>	<b>.20</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>—</b>	<b>—</b>
Hill (MO).....	439	71.9	12.77	.20	—	—	—	—	—	—	—	100	—	—
Madrid (MO).....	482	93.0	16.53	.20	—	—	—	—	—	—	—	100	—	—
<b>Atlantic City Electric Co</b> .....	<b>23</b>	<b>183.8</b>	<b>46.51</b>	<b>2.33</b>	<b>55</b>	<b>277.9</b>	<b>17.53</b>	<b>0.95</b>	<b>8</b>	<b>331.6</b>	<b>3.46</b>	<b>62</b>	<b>37</b>	<b>1</b>
Deepwater (NJ).....	—	—	—	—	—	—	—	—	8	331.6	3.46	—	—	100
England (NJ).....	23	183.8	46.51	2.33	55	277.9	17.53	.95	—	—	—	62	38	—
<b>Austin City of</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2,009</b>	<b>250.5</b>	<b>2.55</b>	<b>—</b>	<b>—</b>	<b>100</b>
Decker Creek (TX).....	—	—	—	—	—	—	—	—	1,307	248.6	2.53	—	—	100
Holly (TX).....	—	—	—	—	—	—	—	—	702	254.1	2.58	—	—	100
<b>Baltimore Gas &amp; Electric Co</b> .....	<b>436</b>	<b>139.8</b>	<b>35.80</b>	<b>.87</b>	<b>239</b>	<b>224.8</b>	<b>14.32</b>	<b>.97</b>	<b>56</b>	<b>306.8</b>	<b>3.19</b>	<b>88</b>	<b>12</b>	<b>*</b>
Brandon Shores (MD).....	301	139.9	35.38	.71	1	311.9	18.32	.27	—	—	—	100	*	—
Crane (MD) .....	75	138.0	36.66	1.49	—	—	—	—	—	—	—	100	—	—
Wagner (MD).....	60	141.3	36.81	.90	238	224.5	14.31	.97	56	306.8	3.19	50	48	2
<b>Basin Electric Power Coop</b> .....	<b>1,045</b>	<b>64.0</b>	<b>9.23</b>	<b>.61</b>	<b>3</b>	<b>445.9</b>	<b>25.82</b>	<b>.34</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>
Antelope Valley (ND).....	335	69.3	9.09	.69	—	—	—	—	—	—	—	100	—	—
Laramie River (WY).....	358	48.3	8.10	.42	3	445.9	25.82	.34	—	—	—	100	*	—
Leland Olds (ND).....	353	79.2	10.49	.73	—	—	—	—	—	—	—	100	—	—
<b>Big Rivers Electric Corp</b> .....	<b>20</b>	<b>103.5</b>	<b>23.46</b>	<b>2.64</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>—</b>	<b>—</b>
Reid-Henderson (KY).....	20	103.5	23.46	2.64	—	—	—	—	—	—	—	100	—	—
<b>Black Hills Corp</b> .....	<b>24</b>	<b>42.7</b>	<b>7.00</b>	<b>.57</b>	<b>*</b>	<b>451.0</b>	<b>27.06</b>	<b>.04</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>99</b>	<b>1</b>	<b>—</b>
Neal Simpson II (WY).....	24	42.7	7.00	.57	*	451.0	27.06	.04	—	—	—	99	1	—
<b>Braintree City of</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>52</b>	<b>267.2</b>	<b>2.75</b>	<b>—</b>	<b>—</b>	<b>100</b>
Potter Station (MA).....	—	—	—	—	—	—	—	—	52	267.2	2.75	—	—	100
<b>Brazos Electric Power Coop Inc</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>993</b>	<b>241.6</b>	<b>2.42</b>	<b>—</b>	<b>—</b>	<b>100</b>
Miller (TX).....	—	—	—	—	—	—	—	—	972	241.7	2.42	—	—	100
North Texas (TX).....	—	—	—	—	—	—	—	—	21	240.9	2.41	—	—	100
<b>Bryan City of</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>437</b>	<b>205.3</b>	<b>2.09</b>	<b>—</b>	<b>—</b>	<b>100</b>
Bryan (TX).....	—	—	—	—	—	—	—	—	206	209.8	2.14	—	—	100
Dansby (TX).....	—	—	—	—	—	—	—	—	231	201.3	2.05	—	—	100
<b>Burbank City of</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>334.6</b>	<b>3.39</b>	<b>—</b>	<b>—</b>	<b>100</b>
Magnolia-Olive (CA).....	—	—	—	—	—	—	—	—	2	334.6	3.39	—	—	100
<b>Burlington City of</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>299.5</b>	<b>3.03</b>	<b>—</b>	<b>—</b>	<b>100</b>
J C McNeil (VT).....	—	—	—	—	—	—	—	—	1	299.5	3.03	—	—	100
<b>Cajun Electric Power Coop Inc</b> .....	<b>665</b>	<b>143.1</b>	<b>23.79</b>	<b>.47</b>	<b>2</b>	<b>314.4</b>	<b>18.49</b>	<b>—</b>	<b>1,143</b>	<b>242.2</b>	<b>2.55</b>	<b>90</b>	<b>*</b>	<b>10</b>
Big Cajun No.1 (LA).....	—	—	—	—	—	—	—	—	1,143	242.2	2.55	—	—	100
Big Cajun No.2 (LA).....	665	143.1	23.79	.47	2	314.4	18.49	—	—	—	—	100	*	—
<b>Cardinal Operating Co</b> .....	<b>366</b>	<b>148.4</b>	<b>36.34</b>	<b>1.11</b>	<b>10</b>	<b>349.9</b>	<b>20.52</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>99</b>	<b>1</b>	<b>—</b>
Cardinal (OH).....	366	148.4	36.34	1.11	10	349.9	20.52	—	—	—	—	99	1	—
<b>Carolina Power &amp; Light Co</b> .....	<b>957</b>	<b>149.2</b>	<b>37.77</b>	<b>.90</b>	<b>29</b>	<b>364.1</b>	<b>21.10</b>	<b>.20</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>99</b>	<b>1</b>	<b>—</b>
Asheville (NC).....	76	144.8	36.88	.98	20	374.6	21.71	.20	—	—	—	94	6	—
Cape Fear (NC).....	45	151.0	38.67	1.07	—	—	—	—	—	—	—	100	—	—
Lee (NC).....	42	150.0	37.62	.99	—	—	—	—	—	—	—	100	—	—
Mayo (NC).....	74	149.4	38.23	.67	2	363.6	21.07	.20	—	—	—	99	1	—
Robinson (SC).....	27	137.3	36.89	1.91	*	371.6	21.54	.20	—	—	—	100	*	—
Roxboro (NC).....	603	148.8	37.41	.85	4	330.1	19.13	.20	—	—	—	100	*	—
Sutton (NC).....	74	158.6	40.68	.88	3	336.6	19.51	.20	—	—	—	99	1	—
Weatherspoon (NC).....	15	154.6	39.22	1.16	—	—	—	—	—	—	—	100	—	—
<b>Cedar Falls City of</b> .....	<b>2</b>	<b>160.9</b>	<b>39.64</b>	<b>1.17</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>410.4</b>	<b>4.10</b>	<b>96</b>	<b>—</b>	<b>4</b>
Streeter (IA).....	2	160.9	39.64	1.17	—	—	—	—	2	410.4	4.10	96	—	4

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, May 1999 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts	Average Cost <sup>5</sup>		Avg. Sul- fur %	Receipts	Average Cost <sup>5</sup>		Avg. Sul- fur %	Receipts	Average Cost <sup>5</sup>		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 <sup>6</sup> Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 <sup>6</sup> Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 <sup>6</sup> Btu)	\$ per Mcf			
<b>Central Electric Pwr Coop-MO</b> .....	<b>17</b>	<b>128.8</b>	<b>28.42</b>	<b>2.84</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Chamois (MO).....	17	128.8	28.42	2.84	—	—	—	—	—	—	—	100	—	—
<b>Central Hudson Gas &amp; Elec Corp</b> .....	<b>39</b>	<b>163.5</b>	<b>43.16</b>	<b>.69</b>	<b>406</b>	<b>224.5</b>	<b>14.26</b>	<b>1.14</b>	<b>950</b>	<b>251.9</b>	<b>2.55</b>	<b>22</b>	<b>57</b>	<b>21</b>
Danskammer (NY).....	39	163.5	43.16	.69	—	—	—	—	339	251.6	2.55	75	—	25
Roseton (NY).....	—	—	—	—	406	224.5	14.26	1.14	611	252.1	2.56	—	81	19
<b>Central Illinois Light Co</b> .....	<b>211</b>	<b>132.6</b>	<b>29.13</b>	<b>2.18</b>	<b>1</b>	<b>271.3</b>	<b>15.66</b>	<b>.04</b>	—	—	—	<b>100</b>	*	—
Duck Creek (IL).....	62	155.8	33.22	3.48	—	—	—	—	—	—	—	100	—	—
Edwards (IL).....	149	123.4	27.43	1.64	1	271.3	15.66	.04	—	—	—	100	*	—
<b>Central Illinois Pub Serv Co</b> .....	<b>569</b>	<b>128.6</b>	<b>24.35</b>	<b>.70</b>	<b>32</b>	<b>305.3</b>	<b>18.69</b>	<b>.29</b>	—	—	—	<b>98</b>	<b>2</b>	—
Coffeen (IL).....	136	183.7	37.84	1.00	—	—	—	—	—	—	—	100	—	—
Grand Tower (IL).....	11	97.4	21.87	2.95	—	—	—	—	—	—	—	100	—	—
Hutsonville (IL).....	24	108.9	23.96	2.81	1	335.2	19.31	.29	—	—	—	99	1	—
Meredosia (IL).....	50	112.3	23.83	1.61	28	295.8	18.26	.29	—	—	—	86	14	—
Newton (IL).....	348	109.2	19.26	.23	3	389.8	22.49	.29	—	—	—	100	*	—
<b>Central Iowa Power Coop</b> .....	<b>26</b>	<b>114.8</b>	<b>27.71</b>	<b>2.86</b>	—	—	—	—	*	<b>421.3</b>	<b>4.24</b>	<b>100</b>	—	*
Fair Station (IA).....	26	114.8	27.71	2.86	—	—	—	—	*	421.3	4.24	100	—	*
<b>Central Louisiana Elec Co Inc</b> .....	<b>242</b>	<b>137.6</b>	<b>23.07</b>	<b>.89</b>	—	—	—	—	<b>3,626</b>	<b>231.1</b>	<b>2.43</b>	<b>52</b>	—	<b>48</b>
Coughlin (LA).....	—	—	—	—	—	—	—	—	690	239.5	2.51	—	—	100
Dolet Hills (LA).....	31	134.7	18.63	.83	—	—	—	—	—	—	—	100	—	—
Rodemacher (LA).....	211	137.9	23.73	.90	—	—	—	—	1,459	228.8	2.40	70	—	30
Teche (LA).....	—	—	—	—	—	—	—	—	1,477	229.4	2.42	—	—	100
<b>Central Operating Co</b> .....	<b>256</b>	<b>120.8</b>	<b>29.65</b>	<b>1.46</b>	*	<b>468.0</b>	<b>26.94</b>	—	—	—	—	<b>100</b>	*	—
Sporn (WV).....	256	120.8	29.65	1.46	*	468.0	26.94	—	—	—	—	100	*	—
<b>Central Power &amp; Light Co</b> .....	<b>215</b>	<b>140.4</b>	<b>27.65</b>	<b>.32</b>	—	—	—	—	<b>12,750</b>	<b>232.5</b>	<b>2.39</b>	<b>24</b>	—	<b>76</b>
Bates (TX).....	—	—	—	—	—	—	—	—	929	230.5	2.38	—	—	100
Coletto Creek (TX).....	215	140.4	27.65	.32	—	—	—	—	—	—	—	100	—	—
Davis (TX).....	—	—	—	—	—	—	—	—	3,390	231.2	2.37	—	—	100
Hill (TX).....	—	—	—	—	—	—	—	—	1,727	233.5	2.37	—	—	100
Joslin (TX).....	—	—	—	—	—	—	—	—	811	234.0	2.38	—	—	100
La Palma (TX).....	—	—	—	—	—	—	—	—	1,057	239.0	2.47	—	—	100
Laredo (TX).....	—	—	—	—	—	—	—	—	893	232.7	2.47	—	—	100
Nueces Bay (TX).....	—	—	—	—	—	—	—	—	2,779	231.2	2.37	—	—	100
Victoria (TX).....	—	—	—	—	—	—	—	—	1,164	232.1	2.38	—	—	100
<b>Chugach Electric Assn Inc</b> .....	—	—	—	—	—	—	—	—	<b>1,205</b>	<b>140.2</b>	<b>1.40</b>	—	—	<b>100</b>
Beluga (AK).....	—	—	—	—	—	—	—	—	1,205	140.2	1.40	—	—	100
<b>Cincinnati Gas &amp; Electric Co</b> .....	<b>972</b>	<b>110.7</b>	<b>27.18</b>	<b>2.15</b>	<b>18</b>	<b>374.3</b>	<b>21.56</b>	<b>.15</b>	—	—	—	<b>100</b>	*	—
Beckjord (OH).....	244	114.5	28.18	.98	6	366.8	21.10	.32	—	—	—	99	1	—
East Bend (KY).....	178	110.8	27.49	1.71	*	377.6	21.53	.30	—	—	—	100	*	—
Miami Fort (OH).....	217	122.3	29.92	.98	8	384.5	22.12	.02	—	—	—	99	1	—
Zimmer (OH).....	333	100.2	24.48	4.01	4	364.5	21.10	.13	—	—	—	100	*	—
<b>Cleveland Electric Illum Co</b> .....	<b>430</b>	<b>123.1</b>	<b>31.17</b>	<b>1.95</b>	<b>9</b>	<b>376.2</b>	<b>21.96</b>	<b>.30</b>	—	—	—	<b>100</b>	*	—
Ashtabula (OH).....	46	105.4	26.34	4.31	*	368.3	21.42	.04	—	—	—	100	*	—
Avon Lake (OH).....	113	138.2	34.09	.80	—	—	—	—	—	—	—	100	—	—
Eastlake (OH).....	242	118.1	30.18	2.20	9	377.9	22.06	.32	—	—	—	99	1	—
Lake Shore (OH).....	30	134.4	35.66	.66	*	350.4	20.43	.04	—	—	—	100	*	—
<b>Coffeyville City of</b> .....	—	—	—	—	—	—	—	—	<b>85</b>	<b>278.0</b>	<b>2.78</b>	—	—	<b>100</b>
Coffeyville (KS).....	—	—	—	—	—	—	—	—	85	278.0	2.78	—	—	100
<b>Colorado Springs City of</b> .....	<b>141</b>	<b>127.1</b>	<b>27.08</b>	<b>.39</b>	—	—	—	—	<b>283</b>	<b>361.5</b>	<b>3.56</b>	<b>92</b>	—	<b>8</b>
Birdsall (CO).....	—	—	—	—	—	—	—	—	70	361.5	3.56	—	—	100
Drake (CO).....	85	152.4	32.34	.40	—	—	—	—	212	361.5	3.56	90	—	10
Nixon (CO).....	56	88.6	19.02	.37	—	—	—	—	—	—	—	100	—	—
<b>Columbia City of</b> .....	<b>4</b>	<b>200.5</b>	<b>53.19</b>	<b>1.32</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Columbia (MO).....	4	200.5	53.19	1.32	—	—	—	—	—	—	—	100	—	—
<b>Columbus &amp; Southern Ohio El Co</b> .....	<b>275</b>	<b>121.6</b>	<b>28.86</b>	<b>2.59</b>	<b>1</b>	<b>359.7</b>	<b>21.25</b>	—	—	—	—	<b>100</b>	*	—
Conesville (OH).....	254	121.1	28.90	2.61	1	356.6	21.07	—	—	—	—	100	*	—
Picway (OH).....	21	128.7	28.42	2.31	*	373.9	22.08	—	—	—	—	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, May 1999 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 tons)	Average Cost <sup>2</sup>		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost <sup>2</sup>		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost <sup>2</sup>		Coal	Petroleum	Gas
		(Cents per 10 <sup>6</sup> Btu)	(\$ per short ton)			(Cents per 10 <sup>6</sup> Btu)	\$ per bbl			(Cents per 10 <sup>6</sup> Btu)	\$ per Mcf			
<b>Commonwealth Edison Co</b> .....	<b>1,238</b>	<b>206.0</b>	<b>36.03</b>	<b>0.39</b>	<b>11</b>	<b>317.6</b>	<b>18.58</b>	<b>0.25</b>	<b>2,604</b>	<b>228.7</b>	<b>2.34</b>	<b>89</b>	<b>*</b>	<b>11</b>
Collins (IL) .....	—	—	—	—	—	—	—	—	2,515	227.6	2.33	—	—	100
Fisk Storage (IL) .....	—	—	—	—	—	—	—	—	66	231.0	2.38	—	—	100
Joliet (IL) .....	458	307.9	53.92	.32	—	—	—	—	—	—	—	100	—	—
Powerton (IL) .....	396	145.5	25.36	.44	—	—	—	—	23	341.8	3.42	100	—	*
Waukegan (IL) .....	76	129.8	22.47	.40	—	—	—	—	—	—	—	100	—	—
Will County (IL) .....	308	150.8	26.50	.42	11	317.6	18.58	.25	—	—	—	99	1	—
<b>Connecticut Light &amp; Power Co</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>495</b>	<b>225.3</b>	<b>14.50</b>	<b>.82</b>	<b>1,741</b>	<b>245.1</b>	<b>2.50</b>	<b>—</b>	<b>64</b>	<b>36</b>
Devon (CT) .....	—	—	—	—	117	224.3	14.33	.97	970	245.1	2.48	—	43	57
Middletown (CT) .....	—	—	—	—	27	227.2	14.36	.50	751	245.2	2.53	—	18	82
Montville (CT) .....	—	—	—	—	190	227.0	14.78	.71	20	247.0	2.54	—	98	2
Norwalk Harbor (CT) .....	—	—	—	—	162	223.5	14.32	.90	—	—	—	—	100	—
<b>Consolidated Edison Co-NY Inc</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>299</b>	<b>238.1</b>	<b>15.13</b>	<b>.30</b>	<b>7,708</b>	<b>250.6</b>	<b>2.58</b>	<b>—</b>	<b>19</b>	<b>81</b>
Arthur Kill (NY) .....	—	—	—	—	—	—	—	—	77	250.6	2.58	—	—	100
Astoria (NY) .....	—	—	—	—	—	—	—	—	3,453	250.6	2.58	—	—	100
East River (NY) .....	—	—	—	—	47	239.4	15.14	.29	—	—	—	—	100	—
Ravenswood (NY) .....	—	—	—	—	—	—	—	—	3,750	250.6	2.58	—	—	100
Storage Facility # 3 .....	—	—	—	—	61	238.9	15.14	.30	—	—	—	—	100	—
Storage Facility # 5 .....	—	—	—	—	95	235.4	15.08	.30	—	—	—	—	100	—
Storage Facility # 7 .....	—	—	—	—	96	239.6	15.17	.32	—	—	—	—	100	—
Waterside (NY) .....	—	—	—	—	—	—	—	—	428	250.6	2.58	—	—	100
<b>Consumers Power Co</b> .....	<b>707</b>	<b>136.3</b>	<b>29.57</b>	<b>.61</b>	<b>202</b>	<b>226.0</b>	<b>14.52</b>	<b>.97</b>	<b>1,100</b>	<b>263.2</b>	<b>2.63</b>	<b>86</b>	<b>7</b>	<b>6</b>
Campbell (MI) .....	349	141.2	30.85	.55	3	347.1	20.12	.50	—	—	—	100	*	—
Cobb (MI) .....	71	118.5	24.32	.68	—	—	—	—	—	—	—	100	—	—
Karn-Weadock (MI) .....	96	147.5	35.86	.86	192	219.5	14.18	.99	1,100	263.2	2.63	50	27	23
Weadock (MI) .....	87	127.1	25.67	.53	7	372.6	21.60	.50	—	—	—	98	2	—
Whiting (MI) .....	104	126.5	26.28	.60	—	—	—	—	—	—	—	100	—	—
<b>Coop Power Assn</b> .....	<b>536</b>	<b>99.1</b>	<b>12.22</b>	<b>.70</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>—</b>	<b>—</b>
Coal Creek (ND) .....	536	99.1	12.22	.70	—	—	—	—	—	—	—	100	—	—
<b>Dairyland Power Coop</b> .....	<b>331</b>	<b>117.7</b>	<b>23.05</b>	<b>.40</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>—</b>	<b>—</b>
Alma-Madgett (WI) .....	201	112.1	21.28	.30	—	—	—	—	—	—	—	100	—	—
Genoa No.3 (WI) .....	130	125.6	25.76	.55	—	—	—	—	—	—	—	100	—	—
<b>Dayton Power &amp; Light Co</b> .....	<b>658</b>	<b>118.5</b>	<b>27.37</b>	<b>.75</b>	<b>13</b>	<b>350.4</b>	<b>20.41</b>	<b>.30</b>	<b>11</b>	<b>448.8</b>	<b>4.58</b>	<b>99</b>	<b>1</b>	<b>*</b>
Hutchings (OH) .....	15	137.6	34.37	.82	—	—	—	—	11	448.8	4.58	97	—	3
Killen (OH) .....	246	123.3	29.07	.62	—	—	—	—	—	—	—	100	—	—
Stuart (OH) .....	397	114.6	26.05	.83	13	350.4	20.41	.30	—	—	—	99	1	—
<b>Delmarva Power &amp; Light Co</b> .....	<b>71</b>	<b>154.6</b>	<b>40.85</b>	<b>1.20</b>	<b>382</b>	<b>225.6</b>	<b>14.49</b>	<b>.92</b>	<b>2,060</b>	<b>259.6</b>	<b>2.53</b>	<b>30</b>	<b>39</b>	<b>32</b>
Edgemoor (DE) .....	*	157.8	38.55	.73	291	226.6	14.57	.63	911	250.0	2.24	*	70	30
Hay Road (DE) .....	—	—	—	—	—	—	—	—	1,149	266.2	2.76	—	—	100
Indian River (DE) .....	71	154.6	40.86	1.21	4	357.8	20.81	.21	—	—	—	99	1	—
Vienna (MD) .....	—	—	—	—	88	217.3	13.97	1.92	—	—	—	—	100	—
<b>Denton City of</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>168</b>	<b>237.0</b>	<b>2.45</b>	<b>—</b>	<b>—</b>	<b>100</b>
Spencer (TX) .....	—	—	—	—	—	—	—	—	168	237.0	2.45	—	—	100
<b>Deseret Generation &amp; Tran Coop</b> .....	<b>52</b>	<b>118.8</b>	<b>26.20</b>	<b>.43</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>—</b>	<b>—</b>
Bonanza (UT) .....	52	118.8	26.20	.43	—	—	—	—	—	—	—	100	—	—
<b>Detroit City of</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>341</b>	<b>320.0</b>	<b>3.27</b>	<b>—</b>	<b>—</b>	<b>100</b>
Mistersky (MI) .....	—	—	—	—	—	—	—	—	341	320.0	3.27	—	—	100
<b>Detroit Edison Co</b> .....	<b>1,835</b>	<b>130.2</b>	<b>27.14</b>	<b>.62</b>	<b>16</b>	<b>359.1</b>	<b>20.90</b>	<b>.24</b>	<b>3,599</b>	<b>209.6</b>	<b>1.30</b>	<b>94</b>	<b>*</b>	<b>6</b>
Belle River (MI) .....	379	150.3	28.53	.34	1	369.0	21.35	.20	—	—	—	100	*	—
Greenwood (MI) .....	—	—	—	—	2	369.0	21.38	.30	1,883	227.0	2.30	—	1	99
Harbor Beach (MI) .....	8	145.6	39.06	.90	*	397.0	23.13	.20	—	—	—	99	1	—
Marysville (MI) .....	11	146.5	38.96	.93	—	—	—	—	13	274.0	2.78	96	—	4
Monroe (MI) .....	713	115.9	24.59	.60	10	353.0	20.59	.24	—	—	—	100	*	—
River Rouge (MI) .....	128	122.2	27.83	.97	—	—	—	—	1,702	102.4	.19	90	—	10
St Clair (MI) .....	491	141.0	28.94	.70	—	—	—	—	1	274.0	2.78	100	—	*
Trenton Channel (MI) .....	105	122.1	28.08	1.03	2	370.0	21.44	.22	—	—	—	100	*	—
<b>Dover City of</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>61</b>	<b>253.4</b>	<b>15.94</b>	<b>.94</b>	<b>6</b>	<b>323.9</b>	<b>3.34</b>	<b>—</b>	<b>98</b>	<b>2</b>
Mckee Run (DE) .....	—	—	—	—	61	253.4	15.94	.94	6	323.9	3.34	—	98	2

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, May 1999 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 tons)	Average Cost <sup>5</sup>		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost <sup>5</sup>		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost <sup>5</sup>		Coal	Petroleum	Gas
		(Cents per 10 <sup>6</sup> Btu)	(\$ per short ton)			(Cents per 10 <sup>6</sup> Btu)	\$ per bbl			(Cents per 10 <sup>6</sup> Btu)	\$ per Mcf			
<b>Duke Power Co</b> .....	<b>1,389</b>	<b>141.8</b>	<b>35.35</b>	<b>0.81</b>	<b>13</b>	<b>317.1</b>	<b>18.50</b>	<b>0.30</b>	—	—	—	<b>100</b>	*	—
Allen (NC).....	169	142.7	35.30	.76	3	328.0	19.18	.30	—	—	—	100	*	—
Belews Creek (NC).....	537	149.4	36.99	.75	9	311.5	18.16	.30	—	—	—	100	*	—
Buck (NC).....	79	141.2	35.06	.87	—	—	—	—	—	—	—	100	—	—
Cliffside (NC).....	203	135.2	34.25	.89	1	335.0	19.56	.30	—	—	—	100	*	—
Dan River (NC).....	50	145.4	37.01	.70	—	—	—	—	—	—	—	100	—	—
Lee (SC).....	80	140.7	35.83	1.12	—	—	—	—	—	—	—	100	—	—
Marshall (NC).....	217	130.4	32.24	.78	—	—	—	—	—	—	—	100	—	—
Riverbend (NC).....	54	133.9	34.05	.98	—	—	—	—	—	—	—	100	—	—
<b>Duquesne Light Co</b> .....	<b>158</b>	<b>163.5</b>	<b>41.85</b>	<b>1.85</b>	<b>34</b>	<b>356.2</b>	<b>20.74</b>	<b>.12</b>	<b>97</b>	<b>348.5</b>	<b>3.62</b>	<b>93</b>	<b>5</b>	<b>2</b>
Brunot Is (PA).....	—	—	—	—	30	356.6	20.79	.11	—	—	—	—	100	—
Cheswick (PA).....	110	113.3	29.76	1.67	—	—	—	—	97	348.5	3.62	97	—	3
Elrama (PA).....	48	289.2	69.55	2.27	4	353.1	20.33	.18	—	—	—	98	2	—
<b>East Kentucky Power Coop</b> .....	<b>248</b>	<b>113.5</b>	<b>28.07</b>	<b>.81</b>	<b>3</b>	<b>333.7</b>	<b>19.42</b>	<b>.13</b>	—	—	—	<b>100</b>	*	—
Cooper (KY).....	24	104.4	26.94	1.52	1	333.8	19.43	.20	—	—	—	99	1	—
Dale (KY).....	37	115.7	28.78	.79	1	338.0	19.68	.12	—	—	—	100	*	—
Spurlock (KY).....	187	114.4	28.08	.72	2	332.3	19.35	.12	—	—	—	100	*	—
<b>El Paso Electric Co</b> .....	—	—	—	—	—	—	—	—	<b>2,108</b>	<b>174.7</b>	<b>1.79</b>	—	—	<b>100</b>
Newman (TX).....	—	—	—	—	—	—	—	—	1,657	177.1	1.82	—	—	100
Rio Grande (TX).....	—	—	—	—	—	—	—	—	451	166.0	1.70	—	—	100
<b>Electric Energy Inc</b> .....	<b>353</b>	<b>89.6</b>	<b>15.66</b>	<b>.24</b>	*	<b>477.4</b>	<b>27.67</b>	<b>.37</b>	<b>95</b>	<b>276.1</b>	<b>2.85</b>	<b>98</b>	*	<b>2</b>
Joppa (IL).....	353	89.6	15.66	.24	*	477.4	27.67	.37	95	276.1	2.85	98	*	2
<b>Empire District Electric Co</b> .....	<b>120</b>	<b>108.6</b>	<b>19.74</b>	<b>.51</b>	*	<b>388.4</b>	<b>22.74</b>	—	<b>123</b>	<b>268.8</b>	<b>2.70</b>	<b>95</b>	*	<b>5</b>
Asbury (MO).....	96	105.1	18.83	.36	*	388.4	22.74	—	—	—	—	100	*	—
Riverton (KS).....	24	121.5	23.34	1.08	—	—	—	—	123	268.8	2.70	79	—	21
<b>Fayetteville Public Works</b> .....	—	—	—	—	—	—	—	—	<b>93</b>	<b>260.2</b>	<b>2.71</b>	—	—	<b>100</b>
Butler Warner (NC).....	—	—	—	—	—	—	—	—	93	260.2	2.71	—	—	100
<b>Florida Power &amp; Light Co</b> .....	—	—	—	—	<b>3,729</b>	<b>233.0</b>	<b>14.85</b>	<b>1.37</b>	<b>18,168</b>	<b>307.7</b>	<b>3.22</b>	—	<b>56</b>	<b>44</b>
Cape Canaveral (FL).....	—	—	—	—	483	223.9	14.25	1.35	1,374	307.7	3.22	—	68	32
Cutler (FL).....	—	—	—	—	—	—	—	—	698	307.7	3.22	—	—	100
Fort Myers (FL).....	—	—	—	—	582	229.4	14.66	2.12	—	—	—	—	100	—
Lauderdale (FL).....	—	—	—	—	—	—	—	—	4,192	307.7	3.22	—	—	100
Manatee (FL).....	—	—	—	—	1,083	234.9	14.95	.97	—	—	—	—	100	—
Martin (FL).....	—	—	—	—	230	242.4	15.36	.90	4,919	307.7	3.22	—	22	78
Port Everglades (FL).....	—	—	—	—	431	229.9	14.69	.99	1,456	307.7	3.22	—	64	36
Putnam (FL).....	—	—	—	—	—	—	—	—	2,042	307.7	3.22	—	—	100
Riviera (FL).....	—	—	—	—	237	223.2	14.25	1.70	522	307.7	3.22	—	73	27
Sanford (FL).....	—	—	—	—	401	244.5	15.57	2.10	938	307.7	3.22	—	72	28
Turkey Point (FL).....	—	—	—	—	282	237.8	15.20	.98	2,028	307.7	3.22	—	46	54
<b>Florida Power Corp<sup>5</sup></b> .....	<b>457</b>	<b>173.0</b>	<b>43.85</b>	<b>.87</b>	<b>797</b>	<b>219.9</b>	<b>14.33</b>	<b>1.74</b>	<b>327</b>	<b>291.5</b>	<b>3.08</b>	<b>68</b>	<b>30</b>	<b>2</b>
Anclote (FL).....	—	—	—	—	3	351.0	20.59	.46	66	330.2	3.49	—	18	82
Bartow (FL).....	—	—	—	—	97	214.3	13.69	1.68	18	579.0	6.11	—	97	3
Crystal River (FL).....	302	175.2	44.44	.96	11	358.4	21.02	.46	—	—	—	99	1	—
IMT Transfer (LA).....	154	168.8	42.71	.70	—	—	—	—	—	—	—	100	—	—
Storage Facility # 1.....	—	—	—	—	593	214.6	14.11	1.61	—	—	—	—	100	—
Suwannee (FL).....	—	—	—	—	94	241.8	15.47	2.75	243	260.0	2.75	—	70	30
<b>Fort Pierce City of</b> .....	—	—	—	—	—	—	—	—	<b>173</b>	<b>225.7</b>	<b>2.37</b>	—	—	<b>100</b>
H D King (FL).....	—	—	—	—	—	—	—	—	173	225.7	2.37	—	—	100
<b>Fremont City of</b> .....	<b>60</b>	<b>92.4</b>	<b>16.16</b>	<b>.20</b>	—	—	—	—	<b>6</b>	<b>233.0</b>	<b>2.33</b>	<b>99</b>	—	<b>1</b>
Wright (NE).....	60	92.4	16.16	.20	—	—	—	—	6	233.0	2.33	99	—	1
<b>Gainesville City of</b> .....	<b>53</b>	<b>164.3</b>	<b>43.15</b>	<b>.61</b>	<b>6</b>	<b>278.9</b>	<b>17.86</b>	<b>1.54</b>	<b>614</b>	<b>288.5</b>	<b>3.02</b>	<b>67</b>	<b>2</b>	<b>31</b>
Deerhaven (FL).....	53	164.3	43.15	.61	6	278.9	17.86	1.54	461	288.5	3.02	73	2	25
Jr Kelly (FL).....	—	—	—	—	—	—	—	—	153	288.5	3.03	—	—	100
<b>Garland City of</b> .....	—	—	—	—	—	—	—	—	<b>1,089</b>	<b>235.0</b>	<b>2.39</b>	—	—	<b>100</b>
Newman (TX).....	—	—	—	—	—	—	—	—	11	252.2	2.61	—	—	100
Olinger (TX).....	—	—	—	—	—	—	—	—	1,078	234.9	2.39	—	—	100
<b>Georgia Power Co</b> .....	<b>2,502</b>	<b>155.5</b>	<b>36.72</b>	<b>.79</b>	<b>33</b>	<b>346.5</b>	<b>20.15</b>	<b>.50</b>	<b>800</b>	<b>252.2</b>	<b>2.61</b>	<b>98</b>	*	<b>1</b>

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, May 1999 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts	Average Cost <sup>5</sup>		Avg. Sulfur %	Receipts	Average Cost <sup>5</sup>		Avg. Sulfur %	Receipts	Average Cost <sup>5</sup>		Coal	Petroleum	Gas
		(1,000 tons)	(Cents per 10 <sup>6</sup> Btu)			(\$ per short ton)	(1,000 bbls)			(Cents per 10 <sup>6</sup> Btu)	\$ per bbl			
<b>Georgia Power Co</b>														
Arkwright (GA).....	12	160.6	42.07	1.77	—	—	—	—	256	234.0	2.42	54	—	46
Atkinson-McDonough (GA).....	76	145.0	37.95	1.07	—	—	—	—	248	260.3	2.69	89	—	11
Bowen (GA).....	668	143.6	35.29	.83	3	353.9	20.59	0.50	—	—	—	100	*	—
Hammond (GA).....	187	147.3	37.62	.82	4	344.1	20.02	.50	—	—	—	100	*	—
Harlee Branch (GA).....	232	159.2	40.17	1.17	1	348.7	20.28	.50	—	—	—	100	*	—
Mcmanus (GA).....	—	—	—	—	10	337.6	19.64	.50	—	—	—	—	100	—
Mitchell (GA).....	38	181.0	45.93	1.23	7	350.7	20.40	.50	—	—	—	96	4	—
Scherer (GA).....	739	175.0	35.54	.43	2	349.5	20.33	.50	—	—	—	100	*	—
Wansley (GA).....	538	149.2	37.33	.95	4	353.1	20.54	.50	—	—	—	100	*	—
Yates (GA).....	12	150.8	38.26	1.04	2	352.5	20.50	.50	296	261.2	2.70	48	2	49
<b>Glendale City of</b> .....	—	—	—	—	—	—	—	—	322	263.7	2.25	—	—	100
Glendale (CA).....	—	—	—	—	—	—	—	—	322	263.7	2.25	—	—	100
<b>Grand Haven City of</b> .....	24	132.6	29.29	2.36	—	—	—	—	2	402.4	4.02	100	—	*
J B Simms (MI).....	24	132.6	29.29	2.36	—	—	—	—	2	402.4	4.02	100	—	*
<b>Grand Island City of</b> .....	23	67.6	11.20	.37	—	—	—	—	1 2	2,526.0	25.26	100	—	*
Burdick (NE).....	—	—	—	—	—	—	—	—	1 2	2,526.0	25.26	—	—	100
Platte (NE).....	23	67.6	11.20	.37	—	—	—	—	—	—	—	100	—	—
<b>Grand River Dam Authority</b> .....	345	86.8	14.91	.45	—	—	—	—	29	259.1	2.61	100	—	*
GRDA No 1 (OK).....	345	86.8	14.91	.45	—	—	—	—	29	259.1	2.61	100	—	*
<b>Greenville City of</b> .....	—	—	—	—	—	—	—	—	9	221.2	2.38	—	—	100
Power Lane (TX).....	—	—	—	—	—	—	—	—	9	221.2	2.38	—	—	100
<b>Gulf Power Co</b> .....	331	139.6	34.16	1.26	2	338.7	19.70	.45	502	237.0	2.37	94	*	6
Crist (FL).....	267	140.0	34.12	1.00	1	336.5	19.57	.45	502	237.0	2.37	93	*	7
Scholtz (FL).....	8	170.1	43.30	.93	*	353.3	20.55	.45	—	—	—	99	1	—
Smith (FL).....	56	132.8	33.02	2.59	1	337.6	19.64	.45	—	—	—	99	1	—
<b>Gulf States Utilities Co</b> .....	140	140.3	24.17	.42	—	—	—	—	18,842	244.9	2.54	11	—	89
Lewis Creek (TX).....	—	—	—	—	—	—	—	—	2,183	244.5	2.58	—	—	100
Nelson (LA).....	140	140.3	24.17	.42	—	—	—	—	2,702	236.7	2.48	46	—	54
Sabine (TX).....	—	—	—	—	—	—	—	—	8,994	250.0	2.58	—	—	100
Spindletop Storage (TX).....	—	—	—	—	—	—	—	—	442	240.0	2.46	—	—	100
Willow Glen (LA).....	—	—	—	—	—	—	—	—	4,521	240.5	2.48	—	—	100
<b>Hamilton City of</b> .....	15	150.9	37.69	.94	—	—	—	—	16	218.0	2.23	96	—	4
Hamilton (OH).....	15	150.9	37.69	.94	—	—	—	—	16	218.0	2.23	96	—	4
<b>Hastings City of</b> .....	42	64.2	10.64	.35	—	—	—	—	—	—	—	100	—	—
Hastings (NE).....	42	64.2	10.64	.35	—	—	—	—	—	—	—	100	—	—
<b>Hawaiian Electric Co Inc</b> .....	—	—	—	—	1,079	276.0	17.30	.44	—	—	—	—	—	100
Kahe (HI).....	—	—	—	—	56	264.4	16.56	.46	—	—	—	—	—	100
Storage Facility # 1.....	—	—	—	—	1,022	276.6	17.34	.44	—	—	—	—	—	100
<b>Holland City of</b> .....	27	156.0	40.97	.83	—	—	—	—	—	—	—	100	—	—
James De Young (MI).....	27	156.0	40.97	.83	—	—	—	—	—	—	—	100	—	—
<b>Holyoke Water Power Co</b> .....	32	175.1	46.34	.90	*	337.1	19.51	.27	—	—	—	100	*	—
Mount Tom (MA).....	32	175.1	46.34	.90	*	337.1	19.51	.27	—	—	—	100	*	—
<b>Hoosier Energy R E C Inc</b> .....	263	125.8	28.14	2.95	—	—	—	—	—	—	—	100	—	—
Frank E Ratts (IN).....	28	134.3	30.04	1.30	—	—	—	—	—	—	—	100	—	—
Merom (IN).....	235	124.8	27.92	3.14	—	—	—	—	—	—	—	100	—	—
<b>Houston Lighting &amp; Power Co</b> .....	1,541	153.2	24.16	.63	—	—	—	—	27,057	234.8	2.36	47	—	53
Bertron (TX).....	—	—	—	—	—	—	—	—	1,125	235.4	2.38	—	—	100
Cedar Bayou (TX).....	—	—	—	—	—	—	—	—	8,271	234.6	2.36	—	—	100
Deepwater (TX).....	—	—	—	—	—	—	—	—	196	235.4	2.42	—	—	100
Green Bayou (TX).....	—	—	—	—	—	—	—	—	874	235.4	2.47	—	—	100
Limestone (TX).....	574	120.6	16.23	1.01	—	—	—	—	206	239.3	2.45	97	—	3
Parish (TX).....	967	168.4	28.86	.40	—	—	—	—	3,158	235.2	2.43	84	—	16
Robinson (TX).....	—	—	—	—	—	—	—	—	9,647	234.2	2.31	—	—	100
Storage Facility # 2.....	—	—	—	—	—	—	—	—	603	235.4	2.35	—	—	100
Webster (TX).....	—	—	—	—	—	—	—	—	1,198	235.4	2.38	—	—	100
Wharton (TX).....	—	—	—	—	—	—	—	—	1,780	235.4	2.38	—	—	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, May 1999 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 tons)	Average Cost <sup>5</sup>		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost <sup>5</sup>		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost <sup>5</sup>		Coal	Petroleum	Gas
		(Cents per 10 <sup>6</sup> Btu)	(\$ per short ton)			(Cents per 10 <sup>6</sup> Btu)	\$ per bbl			(Cents per 10 <sup>6</sup> Btu)	\$ per Mcf			
<b>Illinois Power Co</b> .....	<b>737</b>	<b>112.7</b>	<b>24.24</b>	<b>2.15</b>	<b>6</b>	<b>369.0</b>	<b>21.70</b>	<b>0.15</b>	<b>66</b>	<b>252.3</b>	<b>2.60</b>	<b>99</b>	<b>*</b>	<b>*</b>
Baldwin (IL) .....	500	105.7	22.80	2.87	5	358.0	21.05	.19	—	—	—	100	*	—
Havana (IL) .....	42	139.4	31.76	.52	1	411.8	24.21	—	—	—	—	99	1	—
Hennepin (IL) .....	76	112.8	19.94	.49	—	—	—	—	10	252.6	2.60	99	—	1
Vermilion (IL) .....	25	105.3	23.12	1.08	—	—	—	—	13	252.3	2.60	98	—	2
Wood River (IL) .....	95	136.8	32.28	.66	—	—	—	—	43	252.3	2.59	98	—	2
<b>Imperial Irrigation District</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>200</b>	<b>272.5</b>	<b>2.75</b>	<b>—</b>	<b>—</b>	<b>100</b>
El Centro (CA) .....	—	—	—	—	—	—	—	—	200	272.5	2.75	—	—	100
<b>Independence City of</b> .....	<b>20</b>	<b>128.5</b>	<b>27.84</b>	<b>3.51</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>30</b>	<b>274.0</b>	<b>2.73</b>	<b>94</b>	<b>—</b>	<b>6</b>
Blue Valley (MO) .....	20	128.5	27.84	3.51	—	—	—	—	30	274.0	2.73	94	—	6
<b>Indiana &amp; Michigan Electric Co</b> .....	<b>1,053</b>	<b>112.3</b>	<b>22.25</b>	<b>.47</b>	<b>2</b>	<b>735.0</b>	<b>38.19</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>
Rockport (IN) .....	843	107.6	19.80	.32	—	—	—	—	—	—	—	100	—	—
Tanners Creek (IN) .....	211	125.6	32.04	1.08	2	735.0	38.19	—	—	—	—	100	*	—
<b>Indiana-Kentucky Electric Corp</b> .....	<b>597</b>	<b>116.0</b>	<b>23.30</b>	<b>.42</b>	<b>*</b>	<b>435.7</b>	<b>24.89</b>	<b>.30</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>
Clifty Creek (IN) .....	597	116.0	23.30	.42	*	435.7	24.89	.30	—	—	—	100	*	—
<b>Indianapolis Power &amp; Light Co</b> .....	<b>657</b>	<b>97.4</b>	<b>21.69</b>	<b>2.34</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>—</b>	<b>—</b>
Petersburg (IN) .....	444	91.8	20.46	2.90	—	—	—	—	—	—	—	100	—	—
Pritchard (IN) .....	69	106.1	23.32	1.22	—	—	—	—	—	—	—	100	—	—
Stout (IN) .....	144	110.6	24.71	1.15	—	—	—	—	—	—	—	100	—	—
<b>Interstate Power Co</b> .....	<b>187</b>	<b>111.2</b>	<b>21.34</b>	<b>.42</b>	<b>1</b>	<b>357.2</b>	<b>21.00</b>	<b>—</b>	<b>88</b>	<b>219.5</b>	<b>2.19</b>	<b>97</b>	<b>*</b>	<b>2</b>
Dubuque (IA) .....	14	133.5	30.90	.62	*	370.4	21.78	—	—	—	—	100	*	—
Fox Lake (MN) .....	—	—	—	—	—	—	—	—	85	213.3	2.13	—	—	100
Kapp (IA) .....	31	132.2	30.92	.52	—	—	—	—	3	394.3	3.94	100	—	*
Lansing (IA) .....	142	102.5	18.34	.37	1	353.9	20.81	—	—	—	—	100	*	—
<b>IES Utilities</b> .....	<b>307</b>	<b>89.8</b>	<b>15.38</b>	<b>.40</b>	<b>*</b>	<b>366.6</b>	<b>21.56</b>	<b>—</b>	<b>166</b>	<b>293.7</b>	<b>2.94</b>	<b>97</b>	<b>*</b>	<b>3</b>
Burlington (IA) .....	57	80.9	13.50	.45	—	—	—	—	2	718.3	7.18	100	—	*
Ottumwa (IA) .....	151	87.1	14.58	.35	—	—	—	—	—	—	—	100	—	—
Prairie Creek (IA) .....	13	91.3	15.88	.30	—	—	—	—	23	327.2	3.27	91	—	9
Sutherland (IA) .....	62	76.0	12.89	.35	—	—	—	—	51	316.8	3.17	95	—	5
6th St (IA) .....	23	151.7	31.93	.82	*	366.6	21.56	—	90	260.5	2.60	84	*	16
<b>Jacksonville Electric Auth</b> .....	<b>152</b>	<b>174.0</b>	<b>44.32</b>	<b>1.51</b>	<b>503</b>	<b>201.7</b>	<b>12.68</b>	<b>1.53</b>	<b>709</b>	<b>279.3</b>	<b>2.97</b>	<b>50</b>	<b>41</b>	<b>10</b>
Kennedy (FL) .....	—	—	—	—	—	—	—	—	28	279.3	2.97	—	—	100
Northside (FL) .....	—	—	—	—	396	195.2	12.25	1.70	484	279.3	2.97	—	83	17
Southside (FL) .....	—	—	—	—	106	223.7	14.17	.93	197	279.3	2.97	—	76	24
St Johns River (FL) .....	152	174.0	44.32	1.51	1	357.9	20.89	.35	—	—	—	100	*	—
<b>Jamestown City of</b> .....	<b>5</b>	<b>128.1</b>	<b>33.17</b>	<b>1.90</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>—</b>	<b>—</b>
Samuel A Carlson (NY) .....	5	128.1	33.17	1.90	—	—	—	—	—	—	—	100	—	—
<b>Kansas City City of</b> .....	<b>86</b>	<b>78.1</b>	<b>13.32</b>	<b>.38</b>	<b>2</b>	<b>324.6</b>	<b>18.81</b>	<b>.50</b>	<b>259</b>	<b>238.3</b>	<b>2.38</b>	<b>84</b>	<b>1</b>	<b>15</b>
Nearman (KS) .....	40	66.5	11.03	.45	—	—	—	—	—	—	—	100	—	—
Quindaro (KS) .....	46	87.7	15.34	.32	2	324.6	18.81	.50	259	238.3	2.38	75	1	24
<b>Kansas City Power &amp; Light Co</b> .....	<b>1,041</b>	<b>71.8</b>	<b>12.46</b>	<b>.44</b>	<b>9</b>	<b>341.7</b>	<b>19.86</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>
Iatan (MO) .....	347	72.5	12.70	.32	—	—	—	—	—	—	—	100	—	—
La Cygne (KS) .....	555	66.7	11.48	.57	9	341.7	19.86	—	—	—	—	99	1	—
Montrose (MO) .....	139	90.5	15.78	.22	—	—	—	—	—	—	—	100	—	—
<b>Kansas Gas &amp; Electric Co</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>19</b>	<b>200.6</b>	<b>13.23</b>	<b>1.50</b>	<b>1,039</b>	<b>222.7</b>	<b>2.37</b>	<b>—</b>	<b>10</b>	<b>90</b>
Evans (KS) .....	—	—	—	—	—	—	—	—	866	222.7	2.38	—	—	100
Gill (KS) .....	—	—	—	—	19	200.6	13.23	1.50	173	222.7	2.29	—	41	59
<b>Kansas Power &amp; Light Co</b> .....	<b>866</b>	<b>113.9</b>	<b>19.75</b>	<b>.32</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>41</b>	<b>274.4</b>	<b>2.78</b>	<b>100</b>	<b>—</b>	<b>*</b>
Hutchinson (KS) .....	—	—	—	—	—	—	—	—	20	213.5	2.17	—	—	100
Jeffrey Energy Cnt (KS) .....	718	112.8	18.82	.31	—	—	—	—	—	—	—	100	—	—
Lawrence (KS) .....	109	119.1	24.62	.36	—	—	—	—	13	329.7	3.29	99	—	1
Tecumseh (KS) .....	39	114.9	23.32	.35	—	—	—	—	9	329.7	3.40	99	—	1
<b>Kentucky Power Co</b> .....	<b>294</b>	<b>106.6</b>	<b>26.21</b>	<b>1.12</b>	<b>1</b>	<b>352.0</b>	<b>20.59</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>
Big Sandy (KY) .....	294	106.6	26.21	1.12	1	352.0	20.59	—	—	—	—	100	*	—
<b>Kentucky Utilities Co</b> .....	<b>742</b>	<b>114.8</b>	<b>27.75</b>	<b>1.15</b>	<b>2</b>	<b>433.9</b>	<b>25.52</b>	<b>.40</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>

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, May 1999 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts	Average Cost <sup>2</sup>		Avg. Sulfur %	Receipts	Average Cost <sup>2</sup>		Avg. Sulfur %	Receipts	Average Cost <sup>2</sup>		Coal	Petroleum	Gas
		(1,000 tons)	(Cents per 10 <sup>6</sup> Btu)			(\$ per short ton)	(1,000 bbls)			(Cents per 10 <sup>6</sup> Btu)	\$ per bbl			
<b>Kentucky Utilities Co</b>														
Brown (KY).....	169	116.5	28.57	1.54	—	—	—	—	—	—	—	100	—	—
Ghent (KY).....	525	114.8	27.66	.99	2	433.9	25.52	0.40	—	—	—	100	*	—
Green River (KY).....	36	101.5	23.58	1.76	—	—	—	—	—	—	—	100	—	—
Tyrone (KY).....	12	126.6	32.93	.86	—	—	—	—	—	—	—	100	—	—
<b>Lafayette City of</b> .....	—	—	—	—	—	—	—	—	665	237.4	2.50	—	—	100
Bonin (LA).....	—	—	—	—	—	—	—	—	665	237.4	2.50	—	—	100
<b>Lake Worth City of</b> .....	—	—	—	—	3	371.0	21.71	.04	199	337.0	3.53	—	7	93
Tom G Smith (FL).....	—	—	—	—	3	371.0	21.71	.04	199	337.0	3.53	—	7	93
<b>Lakeland City of</b> .....	69	178.6	46.16	1.45	—	—	—	—	1,460	270.6	2.84	54	—	46
Larsen Mem (FL).....	—	—	—	—	—	—	—	—	822	270.6	2.84	—	—	100
Plant 3-Mcintosh (FL).....	69	178.6	46.16	1.45	—	—	—	—	638	270.6	2.84	73	—	27
<b>Lansing City of</b> .....	122	147.1	31.62	.55	*	341.0	19.76	.30	—	—	—	100	*	—
Eckert (MI).....	76	139.6	26.62	.37	*	341.0	19.76	.30	—	—	—	100	*	—
Erickson (MI).....	46	156.3	39.84	.84	—	—	—	—	—	—	—	100	—	—
<b>Long Island Lighting Co</b> .....	—	—	—	—	569	214.8	13.58	.98	5,859	268.2	2.76	—	37	63
Barrett (NY).....	—	—	—	—	—	—	—	—	1,224	274.0	2.85	—	—	100
Far Rockaway (NY).....	—	—	—	—	—	—	—	—	385	261.0	2.73	—	—	100
Glenwood (NY).....	—	—	—	—	—	—	—	—	186	278.0	2.88	—	—	100
Northport (NY).....	—	—	—	—	460	214.3	13.59	.98	3,178	268.0	2.74	—	47	53
Port Jefferson (NY).....	—	—	—	—	109	217.1	13.54	1.00	887	262.0	2.66	—	43	57
<b>Los Angeles City of</b> .....	412	148.5	34.91	.51	—	—	—	—	3,056	326.7	3.31	76	—	24
Harbor (CA).....	—	—	—	—	—	—	—	—	91	326.7	3.31	—	—	100
Haynes (CA).....	—	—	—	—	—	—	—	—	1,465	326.7	3.29	—	—	100
Intermountain (UT).....	412	148.5	34.91	.51	—	—	—	—	—	—	—	100	—	—
Scattergood (CA).....	—	—	—	—	—	—	—	—	1,478	326.7	3.33	—	—	100
Valley (CA).....	—	—	—	—	—	—	—	—	22	326.7	3.31	—	—	100
<b>Louisiana Power &amp; Light Co</b> .....	—	—	—	—	—	—	—	—	13,347	260.3	2.71	—	—	100
Little Gypsy (LA).....	—	—	—	—	—	—	—	—	3,407	259.6	2.71	—	—	100
Nine Mile (LA).....	—	—	—	—	—	—	—	—	7,547	262.2	2.73	—	—	100
Sterlington (LA).....	—	—	—	—	—	—	—	—	881	240.5	2.49	—	—	100
Waterford (LA).....	—	—	—	—	—	—	—	—	1,512	264.1	2.74	—	—	100
<b>Louisville Gas &amp; Electric Co</b> .....	573	96.0	21.54	3.32	—	—	—	—	132	499.3	5.12	99	—	1
Cane Run (KY).....	71	101.3	22.95	3.41	—	—	—	—	51	499.3	5.12	97	—	3
Mill Creek (KY).....	321	98.2	21.95	3.32	—	—	—	—	81	499.3	5.12	99	—	1
Trimble County (KY).....	180	90.0	20.26	3.29	—	—	—	—	—	—	—	100	—	—
<b>Lower Colorado River Authority</b> .....	682	92.8	15.81	.33	—	—	—	—	3,039	221.5	2.23	79	—	21
Gideon (TX).....	—	—	—	—	—	—	—	—	1,900	215.6	2.18	—	—	100
S Seymour-Fayette (TX).....	682	92.8	15.81	.33	—	—	—	—	—	—	—	100	—	—
T C Ferguson (TX).....	—	—	—	—	—	—	—	—	1,139	231.5	2.33	—	—	100
<b>Lubbock City of</b> .....	—	—	—	—	—	—	—	—	612	197.1	1.97	—	—	100
Holly Ave (TX).....	—	—	—	—	—	—	—	—	612	197.1	1.97	—	—	100
<b>Madison Gas &amp; Electric Co</b> .....	18	143.7	31.00	1.36	—	—	—	—	220	276.5	2.77	64	—	36
Blount (WI).....	18	143.7	31.00	1.36	—	—	—	—	220	276.5	2.77	64	—	36
<b>Manitowoc Public Utilities</b> .....	4	169.2	41.75	1.18	—	—	—	—	—	—	—	100	—	—
Manitowoc (WI).....	4	169.2	41.75	1.18	—	—	—	—	—	—	—	100	—	—
<b>Marquette City of</b> .....	—	—	—	—	1	407.6	23.62	—	—	—	—	—	100	—
Shiras (MI).....	—	—	—	—	1	407.6	23.62	—	—	—	—	—	100	—
<b>Massachusetts Mun Wholes El Co</b> .....	—	—	—	—	—	—	—	—	1,118	249.8	2.56	—	—	100
Stonybrook (MA).....	—	—	—	—	—	—	—	—	1,118	249.8	2.56	—	—	100
<b>Medina Electric Coop Inc</b> .....	—	—	—	—	—	—	—	—	6	240.0	2.78	—	—	100
Pearsall (TX).....	—	—	—	—	—	—	—	—	6	240.0	2.78	—	—	100
<b>Metropolitan Edison Co</b> .....	97	141.2	37.13	1.57	1	360.5	20.59	.30	—	—	—	100	*	—
Portland (PA).....	54	143.7	37.58	1.70	—	—	—	—	—	—	—	100	—	—
Titus (PA).....	44	138.2	36.58	1.42	1	360.5	20.59	.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, May 1999 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 tons)	Average Cost <sup>5</sup>		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost <sup>5</sup>		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost <sup>5</sup>		Coal	Petroleum	Gas
		(Cents per 10 <sup>6</sup> Btu)	(\$ per short ton)			(Cents per 10 <sup>6</sup> Btu)	\$ per bbl			(Cents per 10 <sup>6</sup> Btu)	\$ per Mcf			
Michigan South Central Pwr Agy.....	9	154.8	36.58	3.22	—	—	—	—	—	—	—	100	—	—
Project I (MI).....	9	154.8	36.58	3.22	—	—	—	—	—	—	—	100	—	—
MidAmerican Energy.....	1,053	72.3	12.20	.32	—	—	—	—	24	299.2	3.04	100	—	*
Council Bluffs (IA).....	322	66.1	11.01	.30	—	—	—	—	4	369.1	3.62	100	—	*
George Neal 1-4 (IA).....	472	65.7	11.22	.33	—	—	—	—	—	—	—	100	—	—
Louisa (IA).....	226	90.3	15.12	.33	—	—	—	—	15	285.0	2.94	100	—	*
Riverside (IA).....	33	105.2	17.68	.32	—	—	—	—	5	285.9	2.88	99	—	1
Minnesota Power & Light Co.....	228	117.7	21.11	.54	7	360.1	20.72	0.20	—	—	—	99	1	—
Boswell Energy Center (MN).....	193	115.5	20.70	.59	7	358.8	20.64	.20	—	—	—	99	1	—
Laskin Energy Center (MN).....	35	129.3	23.34	.24	*	415.3	23.90	.20	—	—	—	100	*	—
Minnkota Power Coop Inc.....	383	58.2	7.74	.82	1	387.1	22.76	.40	—	—	—	100	*	—
Young (ND).....	383	58.2	7.74	.82	1	387.1	22.76	.40	—	—	—	100	*	—
Mississippi Power & Light Co.....	—	—	—	—	193	141.4	9.41	2.99	4,139	237.9	2.43	—	23	77
Brown (MS).....	—	—	—	—	—	—	—	—	728	236.5	2.39	—	—	100
Delta (MS).....	—	—	—	—	—	—	—	—	596	241.3	2.47	—	—	100
Gerald Andrus (MS).....	—	—	—	—	191	141.5	9.41	2.99	206	242.4	2.49	—	86	14
Wilson (MS).....	—	—	—	—	2	135.6	8.98	3.00	2,609	237.1	2.42	—	*	100
Mississippi Power Co.....	391	152.7	35.87	.85	16	335.9	19.65	.39	1,802	244.0	2.51	83	1	17
Bay Gas (MS).....	—	—	—	—	—	—	—	—	173	227.2	2.34	—	—	100
Daniel (MS).....	211	161.4	36.97	.48	1	342.5	19.82	.33	—	—	—	100	*	—
Eaton (MS).....	—	—	—	—	—	—	—	—	304	246.3	2.50	—	—	100
Petal Gas (MS).....	—	—	—	—	—	—	—	—	126	231.8	2.39	—	—	100
Sweatt (MS).....	—	—	—	—	—	—	—	—	309	252.6	2.60	—	—	100
Watson (MS).....	180	143.1	34.59	1.29	15	335.6	19.64	.39	891	245.2	2.53	81	2	17
Monongahela Power Co.....	1,025	102.7	25.97	2.91	3	393.0	23.28	.30	41	281.0	2.81	100	*	*
Albright (WV).....	32	103.8	26.05	1.35	1	399.8	23.68	.30	—	—	—	99	1	—
Ft Martin (WV).....	252	103.8	26.71	1.75	1	388.5	23.01	.30	—	—	—	100	*	—
Harrison (WV).....	341	106.8	26.79	3.46	*	362.8	21.49	.30	13	317.5	3.17	100	*	*
Pleasants (WV).....	301	93.9	23.44	3.93	*	505.3	29.92	.30	25	263.3	2.63	100	*	*
Rivesville (WV).....	21	117.5	28.69	1.02	*	378.9	22.44	.30	—	—	—	100	*	—
Willow Island (WV).....	78	110.4	28.99	1.54	—	—	—	—	2	267.5	2.67	100	—	*
Montana Power Co.....	700	69.8	11.82	.75	1	463.7	27.46	—	2 <sup>2</sup>	1,005.6	10.99	100	*	*
Colstrip (MT).....	683	69.9	11.84	.76	1	463.7	27.46	—	—	—	—	100	*	—
Corette (MT).....	17	64.9	11.34	.20	—	—	—	—	2 <sup>2</sup>	1,005.6	10.99	99	—	1
Montana-Dakota Utilities Co.....	270	79.8	10.99	1.06	—	—	—	—	—	—	—	100	—	—
Coyote (ND).....	220	74.2	10.20	1.15	—	—	—	—	—	—	—	100	—	—
Heskett (ND).....	50	103.9	14.46	.67	—	—	—	—	—	—	—	100	—	—
Montaup Electric Co.....	43	170.2	44.04	.69	—	—	—	—	—	—	—	100	—	—
Somerset (MA).....	43	170.2	44.04	.69	—	—	—	—	—	—	—	100	—	—
Morgan City City of.....	—	—	—	—	—	—	—	—	106	245.0	2.64	—	—	100
Morgan City (LA).....	—	—	—	—	—	—	—	—	106	245.0	2.64	—	—	100
Muscatine City of.....	136	78.8	13.00	.97	—	—	—	—	31	313.0	3.19	99	—	1
Muscatine (IA).....	136	78.8	13.00	.97	—	—	—	—	31	313.0	3.19	99	—	1
Nebraska Public Power District.....	432	50.7	8.74	.25	*	390.9	22.68	—	36	237.6	2.38	99	*	*
Gerald Gentleman (NE).....	348	47.5	8.14	.26	*	390.9	22.68	—	35	224.6	2.25	99	*	1
Sheldon (NE).....	85	63.7	11.18	.21	—	—	—	—	2	525.7	5.26	100	—	*
Nevada Power Co.....	68	131.8	30.72	.51	—	—	—	—	2,478	222.0	2.28	38	—	62
Clark (NV).....	—	—	—	—	—	—	—	—	2,209	222.0	2.28	—	—	100
Gardner (NV).....	68	131.8	30.72	.51	—	—	—	—	—	—	—	100	—	—
Sunrise (NV).....	—	—	—	—	—	—	—	—	269	222.0	2.28	—	—	100
New Orleans Public Service Inc.....	—	—	—	—	—	—	—	—	1,175	244.0	2.55	—	—	100
Michoud (LA).....	—	—	—	—	—	—	—	—	1,161	244.2	2.56	—	—	100
Paterson (LA).....	—	—	—	—	—	—	—	—	14	233.8	2.47	—	—	100
New York State Elec & Gas Corp.....	63	137.1	35.53	2.14	—	—	—	—	—	—	—	100	—	—
Greenidge (NY).....	18	142.4	37.71	1.49	—	—	—	—	—	—	—	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, May 1999 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 tons)	Average Cost <sup>5</sup>		Avg. Sul- fur %	Receipts (1,000 bbls)	Average Cost <sup>5</sup>		Avg. Sul- fur %	Receipts (1,000 Mcf)	Average Cost <sup>5</sup>		Coal	Pet- ro- leum	Gas
		(Cents per 10 <sup>6</sup> Btu)	(\$ per short ton)			(Cents per 10 <sup>6</sup> Btu)	\$ per bbl			(Cents per 10 <sup>6</sup> Btu)	\$ per Mcf			
<b>New York State Elec &amp; Gas Corp</b>														
Hickling (NY).....	3	119.0	24.62	0.55	—	—	—	—	—	—	—	100	—	—
Jennison (NY).....	1	146.3	32.28	.83	—	—	—	—	—	—	—	100	—	—
Milliken (NY).....	40	135.6	35.54	2.61	—	—	—	—	—	—	—	100	—	—
<b>Niagara Mohawk Power Corp</b> .....	<b>187</b>	<b>131.8</b>	<b>34.74</b>	<b>1.92</b>	<b>2</b>	<b>358.9</b>	<b>19.87</b>	<b>0.40</b>	<b>1,114</b>	<b>265.4</b>	<b>2.65</b>	<b>81</b>	<b>*</b>	<b>18</b>
Albany (NY).....	—	—	—	—	—	—	—	—	1,072	265.4	2.65	—	—	100
Dunkirk (NY).....	155	129.7	34.18	2.00	1	357.6	19.78	.49	—	—	—	100	*	—
Huntley (NY).....	32	142.2	37.51	1.54	1	359.8	19.94	.34	—	—	—	99	1	—
Oswego (NY).....	—	—	—	—	—	—	—	—	42	266.5	2.66	—	—	100
<b>Northern Indiana Pub Serv Co</b> .....	<b>734</b>	<b>124.1</b>	<b>24.66</b>	<b>1.35</b>	—	—	—	—	<b>94</b>	<b>302.9</b>	<b>3.10</b>	<b>99</b>	—	<b>1</b>
Bailey (IN).....	113	120.8	27.01	2.67	—	—	—	—	25	313.0	3.21	99	—	1
Michigan City (IN).....	56	144.3	28.67	.48	—	—	—	—	21	354.2	3.63	98	—	2
Mitchell (IN).....	89	131.8	24.61	.40	—	—	—	—	24	259.8	2.66	99	—	1
Rollin Schaffer (IN).....	476	121.2	23.64	1.31	—	—	—	—	24	290.4	2.98	100	—	*
<b>Northern States Power Co</b> .....	<b>1,107</b>	<b>110.9</b>	<b>19.62</b>	<b>.38</b>	—	—	—	—	<b>152</b>	<b>258.4</b>	<b>2.63</b>	<b>99</b>	—	<b>1</b>
Bay Front (WI).....	6	156.3	35.16	.60	—	—	—	—	30	346.3	3.51	82	—	18
Black Dog (MN).....	48	109.1	20.76	.25	—	—	—	—	78	235.6	2.40	92	—	8
High Bridge (MN).....	27	102.3	18.18	.19	—	—	—	—	24	273.8	2.79	95	—	5
King (MN).....	160	108.7	19.28	.26	—	—	—	—	2	244.8	2.49	100	—	*
Riverside (MN).....	106	95.6	16.93	.20	—	—	—	—	19	196.2	2.00	99	—	1
Sherburne County (MN).....	761	113.5	19.91	.44	—	—	—	—	—	—	—	100	—	—
<b>Ohio Edison Co</b> .....	<b>686</b>	<b>112.1</b>	<b>27.93</b>	<b>1.56</b>	<b>11</b>	<b>127.0</b>	<b>7.40</b>	<b>.31</b>	<b>327</b>	<b>223.2</b>	<b>2.30</b>	<b>98</b>	<b>*</b>	<b>2</b>
Burger (OH).....	80	93.8	23.40	3.28	*	918.4	53.30	.45	—	—	—	100	*	—
Edgewater (OH).....	—	—	—	—	10	101.0	5.88	.31	327	223.2	2.30	—	14	86
Niles (OH).....	37	107.0	24.71	2.76	1	204.9	11.98	.32	—	—	—	100	*	—
Sammis (OH).....	568	115.0	28.78	1.23	1	241.9	14.15	.30	—	—	—	100	*	—
<b>Ohio Power Co</b> .....	<b>1,037</b>	<b>146.1</b>	<b>34.40</b>	<b>2.32</b>	<b>4</b>	<b>368.0</b>	<b>21.26</b>	—	—	—	—	<b>100</b>	<b>*</b>	—
Gavin (OH).....	477	164.5	36.55	3.45	—	—	—	—	—	—	—	100	—	—
Kammer (WV).....	103	89.5	21.91	3.57	1	364.1	21.37	—	—	—	—	100	*	—
Mitchell (WV).....	327	138.8	34.17	.77	—	—	—	—	—	—	—	100	—	—
Muskingum (OH).....	129	147.7	37.03	1.04	4	368.6	21.25	—	—	—	—	99	1	—
<b>Ohio Valley Electric Corp</b> .....	<b>431</b>	<b>109.9</b>	<b>28.78</b>	<b>1.82</b>	<b>1</b>	<b>398.6</b>	<b>22.77</b>	<b>.30</b>	—	—	—	<b>100</b>	<b>*</b>	—
Kyger Creek (OH).....	431	109.9	28.78	1.82	1	398.6	22.77	.30	—	—	—	100	*	—
<b>Oklahoma Gas &amp; Electric Co</b> .....	<b>905</b>	<b>83.1</b>	<b>14.37</b>	<b>.31</b>	—	—	—	—	<b>7,187</b>	<b>272.3</b>	<b>2.82</b>	<b>68</b>	—	<b>32</b>
Horseshoe Lake (OK).....	—	—	—	—	—	—	—	—	636	272.3	2.82	—	—	100
Muskogee (OK).....	531	86.0	14.87	.31	—	—	—	—	355	272.3	2.82	96	—	4
Mustang (OK).....	—	—	—	—	—	—	—	—	1,380	272.3	2.82	—	—	100
Seminole (OK).....	—	—	—	—	—	—	—	—	4,816	272.3	2.82	—	—	100
Sooner (OK).....	374	79.0	13.67	.31	—	—	—	—	—	—	—	100	—	—
<b>Omaha Public Power District</b> .....	<b>463</b>	<b>60.3</b>	<b>10.09</b>	<b>.33</b>	<b>2</b>	<b>364.4</b>	<b>21.04</b>	<b>.20</b>	<b>46</b>	<b>273.4</b>	<b>2.68</b>	<b>99</b>	<b>*</b>	<b>1</b>
Nebraska City (NE).....	312	54.9	9.15	.33	2	364.4	21.04	.20	—	—	—	100	*	—
North Omaha (NE).....	152	71.4	12.01	.33	—	—	—	—	46	273.4	2.68	98	—	2
<b>Orange &amp; Rockland Utils Inc</b> .....	<b>64</b>	<b>181.6</b>	<b>47.47</b>	<b>.58</b>	<b>235</b>	<b>246.0</b>	<b>15.37</b>	<b>.36</b>	<b>3,620</b>	<b>248.9</b>	<b>2.58</b>	<b>24</b>	<b>21</b>	<b>54</b>
Bowline (NY).....	—	—	—	—	235	246.0	15.37	.36	3,120	247.6	2.57	—	31	69
Lovett (NY).....	64	181.6	47.47	.58	—	—	—	—	500	257.3	2.67	76	—	24
<b>Orlando Utilities Comm</b> .....	<b>248</b>	<b>176.9</b>	<b>45.17</b>	<b>1.08</b>	<b>296</b>	<b>208.1</b>	<b>13.16</b>	<b>1.07</b>	<b>1,738</b>	<b>274.2</b>	<b>2.87</b>	<b>63</b>	<b>19</b>	<b>18</b>
Indian River (FL).....	—	—	—	—	296	207.7	13.14	1.07	1,738	274.2	2.87	—	51	49
Stanton Energy (FL).....	248	176.9	45.17	1.08	1	373.2	21.56	.05	—	—	—	100	*	—
<b>Orrville City of</b> .....	<b>15</b>	<b>101.3</b>	<b>23.60</b>	<b>3.50</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Orrville (OH).....	15	101.3	23.60	3.50	—	—	—	—	—	—	—	100	—	—
<b>Otter Tail Power Co</b> .....	<b>170</b>	<b>99.1</b>	<b>17.38</b>	<b>.59</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Big Stone (SD).....	141	92.8	16.11	.64	—	—	—	—	—	—	—	100	—	—
Hoot Lake (MN).....	29	127.7	23.58	.37	—	—	—	—	—	—	—	100	—	—
<b>Owensboro City of</b> .....	<b>99</b>	<b>94.4</b>	<b>20.46</b>	<b>3.32</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Smith (KY).....	99	94.4	20.46	3.32	—	—	—	—	—	—	—	100	—	—
<b>Pacific Gas &amp; Electric Co</b> .....	—	—	—	—	—	—	—	—	<b>1,315</b>	<b>238.4</b>	<b>2.41</b>	—	—	<b>100</b>

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, May 1999 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 tons)	Average Cost <sup>5</sup>		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost <sup>5</sup>		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost <sup>5</sup>		Coal	Petroleum	Gas
		(Cents per 10 <sup>6</sup> Btu)	(\$ per short ton)			(Cents per 10 <sup>6</sup> Btu)	\$ per bbl			(Cents per 10 <sup>6</sup> Btu)	\$ per Mcf			
<b>Pacific Gas &amp; Electric Co</b>														
Humboldt Bay (CA).....	—	—	—	—	—	—	—	—	213	238.4	2.43	—	—	100
Hunters Point (CA).....	—	—	—	—	—	—	—	—	1,102	238.4	2.41	—	—	100
<b>PacifiCorp</b> .....	<b>2,444</b>	<b>84.6</b>	<b>16.63</b>	<b>0.57</b>	<b>11</b>	<b>401.2</b>	<b>23.59</b>	<b>0.30</b>	<b>139</b>	<b>245.3</b>	<b>2.53</b>	<b>100</b>	<b>*</b>	<b>*</b>
Carbon (UT).....	30	58.8	14.28	.38	1	459.6	27.02	.30	—	—	—	99	1	—
Centralia (WA).....	445	149.8	24.68	.93	—	—	—	—	—	—	—	100	—	—
Emery-Hunter (UT).....	365	69.0	16.45	.53	2	449.6	26.44	.30	—	—	—	100	*	—
Gadsby (UT).....	—	—	—	—	—	—	—	—	134	228.5	2.36	—	—	100
Huntington (UT).....	379	49.8	12.04	.34	3	448.2	26.35	.30	—	—	—	100	*	—
Jim Bridger (WY).....	797	89.8	16.79	.55	3	312.6	18.38	.30	—	—	—	100	*	—
Johnston (WY).....	195	54.6	8.47	.44	2	385.8	22.69	.30	—	—	—	100	*	—
Naughton (WY).....	108	91.8	18.86	.55	—	—	—	—	6	630.9	6.59	100	—	*
Wyodak (WY).....	125	80.0	12.80	.50	—	—	—	—	—	—	—	100	—	—
<b>Painesville City of</b> .....	<b>7</b>	<b>129.4</b>	<b>32.08</b>	<b>2.61</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>449.7</b>	<b>4.50</b>	<b>99</b>	<b>—</b>	<b>1</b>
Painesville (OH).....	7	129.4	32.08	2.61	—	—	—	—	1	449.7	4.50	99	—	1
<b>Pasadena City of</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>135</b>	<b>218.2</b>	<b>2.21</b>	<b>—</b>	<b>—</b>	<b>100</b>
Broadway (CA).....	—	—	—	—	—	—	—	—	135	218.2	2.21	—	—	100
<b>Pennsylvania Electric Co</b> .....	<b>863</b>	<b>111.0</b>	<b>27.94</b>	<b>1.96</b>	<b>3</b>	<b>371.2</b>	<b>21.64</b>	<b>.05</b>	<b>*</b>	<b>548.8</b>	<b>5.69</b>	<b>100</b>	<b>*</b>	<b>*</b>
Conemaugh (PA).....	358	101.6	25.85	2.25	—	—	—	—	*	548.8	5.69	100	—	*
Keystone (PA).....	373	119.8	29.97	1.75	—	—	—	—	—	—	—	100	—	—
Seward (PA).....	22	110.0	27.15	1.65	*	520.9	30.37	.05	—	—	—	100	*	—
Shawville (PA).....	110	112.8	27.95	1.78	2	345.2	20.12	.05	—	—	—	100	*	—
<b>Pennsylvania Power &amp; Light Co</b> .....	<b>503</b>	<b>139.7</b>	<b>35.96</b>	<b>1.54</b>	<b>45</b>	<b>311.4</b>	<b>18.28</b>	<b>.08</b>	<b>161</b>	<b>413.7</b>	<b>4.28</b>	<b>97</b>	<b>2</b>	<b>1</b>
Brunner Island (PA).....	255	145.7	37.57	1.21	7	354.4	20.69	.18	—	—	—	99	1	—
Martins Creek (PA).....	21	90.5	23.91	1.64	—	—	—	—	161	413.7	4.28	77	—	23
Montour (PA).....	212	138.6	35.50	1.93	3	351.5	20.52	.15	—	—	—	100	*	—
Storage Facility # 1.....	—	—	—	—	35	299.4	17.61	.05	—	—	—	—	100	—
Sunbury (PA).....	15	124.9	32.01	1.43	—	—	—	—	—	—	—	100	—	—
<b>Pennsylvania Power Co</b> .....	<b>232</b>	<b>152.6</b>	<b>36.99</b>	<b>3.32</b>	<b>*</b>	<b>343.5</b>	<b>19.88</b>	<b>.01</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>
Bruce Mansfield (PA).....	205	157.7	38.33	3.55	—	—	—	—	—	—	—	100	—	—
New Castle (PA).....	27	113.5	26.96	1.56	*	343.5	19.88	.01	—	—	—	100	*	—
<b>Philadelphia Electric Co</b> .....	<b>14</b>	<b>142.4</b>	<b>37.85</b>	<b>1.66</b>	<b>112</b>	<b>218.4</b>	<b>13.82</b>	<b>.50</b>	<b>325</b>	<b>241.9</b>	<b>2.49</b>	<b>26</b>	<b>50</b>	<b>24</b>
Cromby (PA).....	—	—	—	—	39	174.0	11.09	.63	65	241.9	2.49	—	79	21
Eddystone (PA).....	14	142.4	37.85	1.66	73	242.3	15.28	.43	260	241.9	2.49	34	42	24
<b>Plains Elec Gen&amp;Trans Coop Inc</b> .....	<b>91</b>	<b>130.7</b>	<b>24.33</b>	<b>.84</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>*</b>	<b>937.2</b>	<b>7.80</b>	<b>100</b>	<b>—</b>	<b>*</b>
Escalante (NM).....	91	130.7	24.33	.84	—	—	—	—	*	937.2	7.80	100	—	*
<b>Platte River Power Authority</b> .....	<b>115</b>	<b>59.8</b>	<b>10.63</b>	<b>.24</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>—</b>	<b>—</b>
Rawhide (CO).....	115	59.8	10.63	.24	—	—	—	—	—	—	—	100	—	—
<b>Portland General Electric Co</b> .....	<b>60</b>	<b>113.1</b>	<b>19.15</b>	<b>.32</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2,142</b>	<b>188.8</b>	<b>1.91</b>	<b>32</b>	<b>—</b>	<b>68</b>
Beaver (OR).....	—	—	—	—	—	—	—	—	1,115	199.8	2.02	—	—	100
Boardman (OR).....	60	113.1	19.15	.32	—	—	—	—	—	—	—	100	—	—
Coyote Springs (OR).....	—	—	—	—	—	—	—	—	1,028	176.8	1.79	—	—	100
<b>Potomac Edison Co</b> .....	<b>11</b>	<b>130.4</b>	<b>32.48</b>	<b>.99</b>	<b>*</b>	<b>329.2</b>	<b>19.50</b>	<b>.30</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>
Smith (MD).....	11	130.4	32.48	.99	*	329.2	19.50	.30	—	—	—	100	*	—
<b>Potomac Electric Power Co</b> .....	<b>615</b>	<b>146.4</b>	<b>38.68</b>	<b>1.21</b>	<b>550</b>	<b>241.8</b>	<b>15.24</b>	<b>.87</b>	<b>206</b>	<b>315.6</b>	<b>3.29</b>	<b>82</b>	<b>17</b>	<b>1</b>
Benning (DC).....	—	—	—	—	41	289.4	17.41	.96	—	—	—	—	100	—
Chalk (MD).....	171	161.4	42.68	1.25	503	237.3	15.03	.87	206	315.6	3.29	57	40	3
Dickerson (MD).....	95	127.2	33.63	1.19	2	318.1	18.58	.20	—	—	—	100	*	—
Morgantown (MD).....	237	144.9	38.34	1.42	—	—	—	—	—	—	—	100	—	—
Potomac River (VA).....	112	142.8	37.56	.73	4	312.5	18.16	.20	—	—	—	99	1	—
<b>Power Authority of State of NY</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1,053</b>	<b>397.8</b>	<b>4.06</b>	<b>—</b>	<b>—</b>	<b>100</b>
Poletti (NY).....	—	—	—	—	—	—	—	—	296	283.0	2.95	—	—	100
Richard Flynn (NY).....	—	—	—	—	—	—	—	—	757	444.0	4.50	—	—	100
<b>Public Service Co of Colorado</b> .....	<b>885</b>	<b>93.7</b>	<b>17.71</b>	<b>.34</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1,633</b>	<b>232.4</b>	<b>2.42</b>	<b>91</b>	<b>—</b>	<b>9</b>
Arapahoe (CO).....	62	83.1	14.63	.28	—	—	—	—	36	213.0	2.11	97	—	3
Cameo (CO).....	26	95.0	21.18	.64	—	—	—	—	2	242.0	2.46	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, May 1999 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 tons)	Average Cost <sup>3</sup>		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost <sup>3</sup>		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost <sup>3</sup>		Coal	Petroleum	Gas
		(Cents per 10 <sup>6</sup> Btu)	(\$ per short ton)			(Cents per 10 <sup>6</sup> Btu)	\$ per bbl			(Cents per 10 <sup>6</sup> Btu)	\$ per Mcf			
<b>Public Service Co of Colorado</b>														
Cherokee (CO).....	190	87.9	20.12	0.43	—	—	—	—	43	295.0	2.91	99	—	1
Comanche (CO).....	269	100.5	17.20	.27	—	—	—	—	9	269.0	2.67	100	—	*
Fort St. Vrain (CO).....	—	—	—	—	—	—	—	—	1,525	231.0	2.42	—	—	100
Hayden (CO).....	94	112.0	23.82	.39	—	—	—	—	—	—	—	100	—	—
Pawnee (CO).....	244	85.9	14.46	.31	—	—	—	—	1	409.0	4.18	100	—	*
Zuni (CO).....	—	—	—	—	—	—	—	—	17	212.0	2.09	—	—	100
<b>Public Service Co of NH</b> .....	<b>96</b>	<b>156.3</b>	<b>40.60</b>	<b>1.30</b>	<b>366</b>	<b>213.9</b>	<b>13.78</b>	<b>1.45</b>	—	—	—	—	<b>51</b>	<b>49</b>
Merrimack (NH).....	67	165.0	43.96	1.51	*	371.5	21.50	.27	—	—	—	100	*	—
Newington Station (NH).....	—	—	—	—	366	213.9	13.78	1.45	—	—	—	—	100	—
Schiller (NH).....	29	134.0	32.72	.82	—	—	—	—	—	—	—	100	—	—
<b>Public Service Co of NM</b> .....	<b>599</b>	<b>166.1</b>	<b>30.45</b>	<b>.94</b>	<b>10</b>	<b>511.9</b>	<b>29.24</b>	<b>1.00</b>	<b>102</b>	<b>286.8</b>	<b>2.92</b>	<b>99</b>	<b>1</b>	<b>1</b>
Reeves (NM).....	—	—	—	—	—	—	—	—	102	286.8	2.92	—	—	100
San Juan (NM).....	599	166.1	30.45	.94	10	511.9	29.24	1.00	—	—	—	99	1	—
<b>Public Service Co of Oklahoma</b> .....	<b>345</b>	<b>114.8</b>	<b>19.80</b>	<b>.21</b>	—	—	—	—	<b>6,342</b>	<b>248.2</b>	<b>2.54</b>	<b>48</b>	—	<b>52</b>
Comanche (CS) (OK).....	—	—	—	—	—	—	—	—	1,124	257.6	2.65	—	—	100
Northeastern (OK).....	345	114.8	19.80	.21	—	—	—	—	910	246.2	2.50	87	—	13
Riverside (OK).....	—	—	—	—	—	—	—	—	3,271	246.0	2.51	—	—	100
Southwestern (OK).....	—	—	—	—	—	—	—	—	857	245.7	2.54	—	—	100
Tulsa (OK).....	—	—	—	—	—	—	—	—	179	249.8	2.55	—	—	100
<b>Public Service Electric&amp;Gas Co</b> .....	<b>113</b>	<b>141.3</b>	<b>38.89</b>	<b>.73</b>	—	—	—	—	<b>1,324</b>	<b>273.2</b>	<b>2.85</b>	<b>69</b>	—	<b>31</b>
Bergen (NJ).....	—	—	—	—	—	—	—	—	947	273.2	2.85	—	—	100
Burlington (NJ).....	—	—	—	—	—	—	—	—	159	273.2	2.85	—	—	100
Hudson (NJ).....	8	146.8	37.37	.79	—	—	—	—	53	273.2	2.85	80	—	20
Mercer (NJ).....	104	140.9	39.01	.72	—	—	—	—	152	273.2	2.85	95	—	5
Sewaren (NJ).....	—	—	—	—	—	—	—	—	13	273.2	2.84	—	—	100
<b>PSI Energy Inc</b> .....	<b>1,412</b>	<b>109.1</b>	<b>24.27</b>	<b>1.68</b>	<b>15</b>	<b>354.0</b>	<b>20.37</b>	<b>.30</b>	—	—	—	<b>100</b>	<b>*</b>	—
Cayuga (IN).....	307	113.6	24.90	1.25	2	373.1	21.47	.30	—	—	—	100	*	—
Edwardsport (IN).....	15	91.2	20.16	1.90	—	—	—	—	—	—	—	100	—	—
Gallagher (IN).....	102	108.4	26.80	1.85	4	346.9	19.96	.30	—	—	—	99	1	—
Gibson Station (IN).....	792	107.2	23.71	1.79	6	348.8	20.07	.30	—	—	—	100	*	—
Noblesville (IN).....	11	105.5	25.13	2.02	*	347.5	20.00	.30	—	—	—	99	1	—
Wabash River (IN).....	184	112.3	24.53	1.79	2	363.9	20.94	.30	—	—	—	100	*	—
<b>Richmond City of</b> .....	<b>24</b>	<b>127.3</b>	<b>30.41</b>	<b>2.69</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Whitewater (IN).....	24	127.3	30.41	2.69	—	—	—	—	—	—	—	100	—	—
<b>Rochester City of</b> .....	<b>12</b>	<b>157.9</b>	<b>34.40</b>	<b>.84</b>	—	—	—	—	<b>9</b>	<b>274.0</b>	<b>2.80</b>	<b>97</b>	—	<b>3</b>
Silver Lake (MN).....	12	157.9	34.40	.84	—	—	—	—	9	274.0	2.80	97	—	3
<b>Rochester Gas &amp; Electric Corp</b> .....	<b>49</b>	<b>146.4</b>	<b>38.71</b>	<b>1.96</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Russell Station 7 (NY).....	49	146.4	38.71	1.96	—	—	—	—	—	—	—	100	—	—
<b>Ruston City of</b> .....	—	—	—	—	—	—	—	—	<b>101</b>	<b>231.4</b>	<b>2.38</b>	—	—	<b>100</b>
Steam Plant (LA).....	—	—	—	—	—	—	—	—	101	231.4	2.38	—	—	100
<b>S Mississippi Elec Pwr Assn</b> .....	<b>97</b>	<b>180.0</b>	<b>44.67</b>	<b>.88</b>	—	—	—	—	<b>610</b>	<b>240.4</b>	<b>2.48</b>	<b>79</b>	—	<b>21</b>
Moselle (MS).....	—	—	—	—	—	—	—	—	610	240.4	2.48	—	—	100
R D Morrow (MS).....	97	180.0	44.67	.88	—	—	—	—	—	—	—	100	—	—
<b>Sacramento Municipal Utility</b> .....	—	—	—	—	—	—	—	—	<b>2,613</b>	<b>226.7</b>	<b>2.27</b>	—	—	<b>100</b>
Central Valley (CA).....	—	—	—	—	—	—	—	—	431	226.7	2.27	—	—	100
SCA Cogen Proj (CA).....	—	—	—	—	—	—	—	—	952	226.7	2.27	—	—	100
SPA Cogen Proj (CA).....	—	—	—	—	—	—	—	—	1,230	226.7	2.27	—	—	100
<b>Salt River Proj Ag I &amp; P Dist</b> .....	<b>978</b>	<b>120.1</b>	<b>25.60</b>	<b>.49</b>	<b>12</b>	<b>554.6</b>	<b>32.41</b>	<b>.50</b>	<b>1,417</b>	<b>260.6</b>	<b>2.64</b>	<b>93</b>	<b>*</b>	<b>6</b>
Agua Fria (AZ).....	—	—	—	—	—	—	—	—	896	248.8	2.51	—	—	100
Coronado (AZ).....	270	164.1	32.82	.41	*	350.2	20.32	.50	—	—	—	100	*	—
Kyrene (AZ).....	—	—	—	—	—	—	—	—	36	709.5	7.21	—	—	100
Navajo (AZ).....	708	104.7	22.84	.52	12	561.4	32.81	.50	—	—	—	100	*	—
Santan (AZ).....	—	—	—	—	—	—	—	—	486	248.9	2.54	—	—	100
<b>San Antonio City of</b> .....	<b>657</b>	<b>96.4</b>	<b>16.20</b>	<b>.34</b>	—	—	—	—	<b>5,174</b>	<b>233.2</b>	<b>2.38</b>	<b>68</b>	—	<b>32</b>
Braunig (TX).....	—	—	—	—	—	—	—	—	2,166	233.2	2.36	—	—	100
JT Deely/Spruce (TX).....	657	96.4	16.20	.34	—	—	—	—	13	233.2	2.35	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, May 1999 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts	Average Cost <sup>5</sup>		Avg. Sul- fur %	Receipts	Average Cost <sup>5</sup>		Avg. Sul- fur %	Receipts	Average Cost <sup>5</sup>		Coal	Petroleum	Gas
		(1,000 tons)	(Cents per 10 <sup>6</sup> Btu)			(\$ per short ton)	(1,000 bbls)			(Cents per 10 <sup>6</sup> Btu)	\$ per bbl			
<b>San Antonio City of</b>														
Leon Creek (TX).....	—	—	—	—	—	—	—	—	7	233.2	2.34	—	—	100
Mission Rd (TX).....	—	—	—	—	—	—	—	—	28	233.2	2.36	—	—	100
Sommers (TX).....	—	—	—	—	—	—	—	—	2,889	233.2	2.39	—	—	100
Tuttle (TX).....	—	—	—	—	—	—	—	—	72	233.2	2.36	—	—	100
<b>San Diego Gas &amp; Electric Co.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2,142</b>	<b>269.8</b>	<b>2.72</b>	<b>—</b>	<b>—</b>	<b>100</b>
Encina (CA).....	—	—	—	—	—	—	—	—	2,142	269.8	2.72	—	—	100
<b>San Miguel Electric Coop Inc.....</b>	<b>298</b>	<b>66.0</b>	<b>7.02</b>	<b>1.74</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>—</b>	<b>—</b>
San Miguel (TX).....	298	66.0	7.02	1.74	—	—	—	—	—	—	—	100	—	—
<b>Savannah Electric &amp; Power Co.....</b>	<b>78</b>	<b>139.7</b>	<b>32.42</b>	<b>.87</b>	<b>1</b>	<b>321.7</b>	<b>18.65</b>	<b>0.50</b>	<b>187</b>	<b>236.8</b>	<b>2.43</b>	<b>90</b>	<b>*</b>	<b>10</b>
Kraft (GA).....	35	139.2	35.42	.72	—	—	—	—	181	232.7	2.38	83	—	17
McIntosh (GA).....	42	140.1	29.92	.99	1	321.7	18.65	.50	—	—	—	99	1	—
Riverside (GA).....	—	—	—	—	—	—	—	—	6	373.2	3.82	—	—	100
<b>Seminole Electric Coop Inc.....</b>	<b>253</b>	<b>161.5</b>	<b>40.29</b>	<b>3.04</b>	<b>1</b>	<b>353.8</b>	<b>20.58</b>	<b>.30</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>
Seminole (FL).....	253	161.5	40.29	3.04	1	353.8	20.58	.30	—	—	—	100	*	—
<b>Sierra Pacific Power Co.....</b>	<b>128</b>	<b>145.4</b>	<b>33.09</b>	<b>.43</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2,409</b>	<b>250.9</b>	<b>2.59</b>	<b>54</b>	<b>—</b>	<b>46</b>
Fort Churchill (NV).....	—	—	—	—	—	—	—	—	996	250.9	2.62	—	—	100
North Valmy (NV).....	128	145.4	33.09	.43	—	—	—	—	—	—	—	100	—	—
Pinon Pine (NV).....	—	—	—	—	—	—	—	—	525	250.9	2.57	—	—	100
Tracy (NV).....	—	—	—	—	—	—	—	—	888	250.9	2.57	—	—	100
<b>Sikeston City of.....</b>	<b>67</b>	<b>101.6</b>	<b>17.82</b>	<b>.33</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>—</b>	<b>—</b>
Sikeston (MO).....	67	101.6	17.82	.33	—	—	—	—	—	—	—	100	—	—
<b>South Carolina Electric&amp;Gas Co.....</b>	<b>352</b>	<b>146.9</b>	<b>37.76</b>	<b>1.10</b>	<b>5</b>	<b>342.1</b>	<b>19.83</b>	<b>.20</b>	<b>30</b>	<b>336.5</b>	<b>3.46</b>	<b>99</b>	<b>*</b>	<b>*</b>
Canadys (SC).....	16	159.0	40.56	1.05	3	346.3	20.07	.20	15	335.2	3.45	92	4	3
Cope (SC).....	104	140.2	35.84	1.21	*	351.5	20.37	.20	—	—	—	100	*	—
Mcmeekin (SC).....	71	149.4	38.11	1.18	—	—	—	—	4	314.1	3.23	100	—	*
Urguhart (SC).....	15	160.8	42.42	1.39	*	380.0	22.02	.20	11	344.5	3.54	97	*	3
Wateree (SC).....	44	149.5	38.12	1.36	—	—	—	—	—	—	—	100	—	—
Williams (SC).....	101	146.9	38.16	.77	1	320.7	18.59	.20	*	484.0	4.98	100	*	*
<b>South Carolina Pub Serv Auth.....</b>	<b>518</b>	<b>132.7</b>	<b>34.38</b>	<b>1.26</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>—</b>	<b>—</b>
Cross (SC).....	243	130.7	33.61	1.18	—	—	—	—	—	—	—	100	—	—
Grainger (SC).....	9	152.1	37.36	1.49	—	—	—	—	—	—	—	100	—	—
Winyah (SC).....	265	133.7	34.98	1.33	—	—	—	—	—	—	—	100	—	—
<b>Southern California Edison Co.....</b>	<b>231</b>	<b>156.1</b>	<b>33.86</b>	<b>.46</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>144</b>	<b>225.9</b>	<b>2.32</b>	<b>97</b>	<b>—</b>	<b>3</b>
Mohave (NV).....	231	156.1	33.86	.46	—	—	—	—	144	225.9	2.32	97	—	3
<b>Southern Illinois Power Coop.....</b>	<b>82</b>	<b>91.5</b>	<b>18.65</b>	<b>2.75</b>	<b>1</b>	<b>377.4</b>	<b>21.50</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>100</b>	<b>*</b>	<b>—</b>
Marion (IL).....	82	91.5	18.65	2.75	1	377.4	21.50	—	—	—	—	100	*	—
<b>Southern Indiana Gas &amp; Elec Co.....</b>	<b>224</b>	<b>95.8</b>	<b>22.23</b>	<b>3.65</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>56</b>	<b>324.1</b>	<b>3.33</b>	<b>99</b>	<b>—</b>	<b>1</b>
A B Brown (IN).....	108	96.7	22.23	3.76	—	—	—	—	44	318.7	3.28	98	—	2
Culley (IN).....	102	94.9	22.42	3.70	—	—	—	—	9	344.8	3.54	100	—	*
Warrick (IN).....	14	94.9	20.93	2.51	—	—	—	—	2	342.8	3.52	99	—	1
<b>Southwestern Electric Power Co.....</b>	<b>989</b>	<b>138.3</b>	<b>21.28</b>	<b>.67</b>	<b>3</b>	<b>371.9</b>	<b>21.87</b>	<b>—</b>	<b>5,478</b>	<b>234.7</b>	<b>2.43</b>	<b>73</b>	<b>*</b>	<b>27</b>
Arsenal Hill (LA).....	—	—	—	—	—	—	—	—	515	223.6	2.35	—	—	100
Flint Creek (AR).....	59	157.4	26.70	.28	3	371.9	21.87	—	—	—	—	98	2	—
Knox Lee (TX).....	—	—	—	—	—	—	—	—	1,055	233.4	2.39	—	—	100
Lieberman (LA).....	—	—	—	—	—	—	—	—	1,000	242.8	2.47	—	—	100
Lone Star (TX).....	—	—	—	—	—	—	—	—	52	233.8	2.50	—	—	100
Pirkey (TX).....	384	100.4	12.93	1.30	—	—	—	—	14	232.1	2.32	100	—	*
Welsh Station (TX).....	546	156.4	26.57	.27	—	—	—	—	—	—	—	100	—	—
Wilkes (TX).....	—	—	—	—	—	—	—	—	2,842	234.4	2.45	—	—	100
<b>Southwestern Public Service Co.....</b>	<b>739</b>	<b>151.1</b>	<b>26.88</b>	<b>.34</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>4,928</b>	<b>230.3</b>	<b>2.31</b>	<b>73</b>	<b>—</b>	<b>27</b>
Cunningham (NM).....	—	—	—	—	—	—	—	—	890	224.1	2.28	—	—	100
Harrington (TX).....	350	114.8	20.88	.36	—	—	—	—	78	276.0	2.76	99	—	1
Jones (TX).....	—	—	—	—	—	—	—	—	1,897	228.2	2.29	—	—	100
Maddox (NM).....	—	—	—	—	—	—	—	—	584	230.5	2.34	—	—	100
Moore (TX).....	—	—	—	—	—	—	—	—	1	244.0	2.44	—	—	100
Nichols (TX).....	—	—	—	—	—	—	—	—	1,064	229.8	2.29	—	—	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, May 1999 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts	Average Cost <sup>5</sup>		Avg. Sulfur %	Receipts	Average Cost <sup>5</sup>		Avg. Sulfur %	Receipts	Average Cost <sup>5</sup>		Coal	Petroleum	Gas
		(1,000 tons)	(Cents per 10 <sup>6</sup> Btu)			(\$ per short ton)	(1,000 bbls)			(Cents per 10 <sup>6</sup> Btu)	\$ per bbl			
<b>Southwestern Public Service Co</b>														
Plant X (TX).....	—	—	—	—	—	—	—	—	415	246.0	2.44	—	—	100
Tolk (TX).....	389	185.3	32.29	0.33	—	—	—	—	*	281.0	2.91	100	—	*
<b>Springfield City of</b> .....	<b>115</b>	<b>102.2</b>	<b>18.19</b>	<b>.18</b>	—	—	—	—	<b>109</b>	<b>230.5</b>	<b>2.30</b>	<b>95</b>	—	<b>5</b>
James River (MO).....	61	103.6	18.42	.17	—	—	—	—	72	230.5	2.30	94	—	6
Southwest (MO).....	54	100.6	17.93	.20	—	—	—	—	37	230.5	2.30	96	—	4
<b>Springfield City of</b> .....	<b>84</b>	<b>110.7</b>	<b>23.01</b>	<b>2.80</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Dallman (IL).....	77	111.0	23.06	2.77	—	—	—	—	—	—	—	100	—	—
Lakeside (IL).....	7	107.6	22.42	3.10	—	—	—	—	—	—	—	100	—	—
<b>St Joseph Light &amp; Power Co</b> .....	<b>39</b>	<b>82.5</b>	<b>14.51</b>	<b>.21</b>	<b>1</b>	<b>314.6</b>	<b>18.27</b>	<b>0.04</b>	<b>117</b>	<b>246.6</b>	<b>2.43</b>	<b>85</b>	<b>1</b>	<b>14</b>
Lakeroad (MO).....	39	82.5	14.51	.21	1	314.6	18.27	.04	117	246.6	2.43	85	1	14
<b>Sunflower Electric Coop Inc</b> .....	<b>133</b>	<b>108.0</b>	<b>18.34</b>	<b>.31</b>	—	—	—	—	<b>30</b>	<b>241.0</b>	<b>2.35</b>	<b>99</b>	—	<b>1</b>
Holcomb (KS).....	133	108.0	18.34	.31	—	—	—	—	30	241.0	2.35	99	—	1
<b>Tallahassee City of</b> .....	—	—	—	—	—	—	—	—	<b>1,586</b>	<b>301.0</b>	<b>3.15</b>	—	—	<b>100</b>
Hopkins (FL).....	—	—	—	—	—	—	—	—	1,388	301.0	3.15	—	—	100
Purdum (FL).....	—	—	—	—	—	—	—	—	199	301.0	3.15	—	—	100
<b>Tampa Electric Co<sup>6</sup></b> .....	<b>499</b>	<b>151.4</b>	<b>35.80</b>	<b>1.86</b>	<b>155</b>	<b>280.3</b>	<b>17.16</b>	<b>.64</b>	—	—	—	<b>93</b>	<b>7</b>	—
Big Bend (FL).....	—	—	—	—	3	350.2	20.30	—	—	—	—	—	100	—
Davant Transfer (LA).....	460	142.2	33.41	1.92	—	—	—	—	—	—	—	100	—	—
Gannon (FL).....	39	253.9	64.28	1.16	2	344.1	19.94	—	—	—	—	99	1	—
Hookers Point (FL).....	—	—	—	—	107	245.1	15.36	.93	—	—	—	—	100	—
Polk Station (FL).....	—	—	—	—	42	367.2	21.28	—	—	—	—	—	100	—
<b>Taunton City of</b> .....	—	—	—	—	—	—	—	—	<b>164</b>	<b>250.0</b>	<b>2.58</b>	—	—	<b>100</b>
Clary (MA).....	—	—	—	—	—	—	—	—	164	250.0	2.58	—	—	100
<b>Tennessee Valley Authority<sup>7</sup></b> .....	<b>3,430</b>	<b>110.8</b>	<b>25.28</b>	<b>2.04</b>	<b>25</b>	<b>331.9</b>	<b>19.50</b>	<b>.50</b>	—	—	—	<b>100</b>	<b>*</b>	—
Bull Run (TN).....	61	119.3	28.82	1.75	12	315.7	18.55	.50	—	—	—	95	5	—
Colbert (AL).....	53	106.5	25.86	1.94	—	—	—	—	—	—	—	100	—	—
Cora Transfer (TN).....	97	109.6	23.85	.42	—	—	—	—	—	—	—	100	—	—
Cumberland (TN).....	528	109.7	25.61	2.80	5	361.3	21.23	.50	—	—	—	100	*	—
GRT Terminal (TN).....	875	105.9	22.54	1.01	—	—	—	—	—	—	—	100	—	—
Johnsonville (TN).....	143	103.8	25.74	1.70	—	—	—	—	—	—	—	100	—	—
Kingston (TN).....	337	122.8	30.58	1.22	4	325.8	19.14	.50	—	—	—	100	*	—
Paradise (KY).....	606	95.1	20.24	4.16	1	354.8	20.85	.50	—	—	—	100	*	—
Sevier (TN).....	185	127.9	32.92	1.77	—	—	—	—	—	—	—	100	—	—
Shawnee (KY).....	292	129.3	29.84	.50	3	344.5	20.24	.50	—	—	—	100	*	—
Widows Creek (AL).....	253	114.0	27.50	2.92	*	336.7	19.78	.50	—	—	—	100	*	—
<b>Terrabonne Parrish Con.</b> .....	—	—	—	—	—	—	—	—	<b>40</b>	<b>239.9</b>	<b>2.63</b>	—	—	<b>100</b>
Houma (LA).....	—	—	—	—	—	—	—	—	40	239.9	2.63	—	—	100
<b>Texas Municipal Power Agency</b> .....	<b>127</b>	<b>119.4</b>	<b>20.15</b>	<b>.31</b>	—	—	—	—	<b>10</b>	<b>255.0</b>	<b>2.60</b>	<b>100</b>	—	<b>*</b>
Gibbons Creek (TX).....	127	119.4	20.15	.31	—	—	—	—	10	255.0	2.60	100	—	*
<b>Texas Utilities Electric Co<sup>8</sup></b> .....	<b>2,930</b>	<b>99.6</b>	<b>13.11</b>	<b>.92</b>	<b>8</b>	<b>326.1</b>	<b>18.90</b>	—	<b>28,761</b>	<b>251.7</b>	<b>2.58</b>	<b>57</b>	<b>*</b>	<b>43</b>
Big Brown (TX).....	351	127.3	16.73	.75	—	—	—	—	46	251.7	2.59	99	—	1
Collin (TX).....	—	—	—	—	—	—	—	—	109	251.7	2.49	—	—	100
Decordova (TX).....	—	—	—	—	—	—	—	—	2,255	251.7	2.55	—	—	100
Eagle Mountain (TX).....	—	—	—	—	—	—	—	—	494	251.7	2.52	—	—	100
Graham (TX).....	—	—	—	—	—	—	—	—	2,608	251.7	2.56	—	—	100
Handley (TX).....	—	—	—	—	—	—	—	—	2,291	251.7	2.56	—	—	100
Lake Creek (TX).....	—	—	—	—	—	—	—	—	223	251.7	2.59	—	—	100
Lake Hubbard (TX).....	—	—	—	—	—	—	—	—	2,200	251.7	2.64	—	—	100
Martin Lake (TX).....	1,298	80.4	10.35	1.20	1	320.6	18.58	—	—	—	—	100	*	—
Monticello (TX).....	921	116.4	14.75	.47	7	326.9	18.95	—	—	—	—	100	*	—
Morgan Creek (TX).....	—	—	—	—	—	—	—	—	2,764	251.7	2.56	—	—	100
Mountain Creek (TX).....	—	—	—	—	—	—	—	—	2,006	251.7	2.59	—	—	100
North Lake (TX).....	—	—	—	—	—	—	—	—	841	251.7	2.57	—	—	100
North Main (TX).....	—	—	—	—	—	—	—	—	27	251.7	2.52	—	—	100
Parkdale (TX).....	—	—	—	—	—	—	—	—	148	251.7	2.40	—	—	100
Permian Basin (TX).....	—	—	—	—	—	—	—	—	2,740	251.7	2.61	—	—	100
River Crest (TX).....	—	—	—	—	—	—	—	—	17	251.7	2.52	—	—	100
Sandow No 4 (TX).....	360	99.4	15.34	1.20	—	—	—	—	—	—	—	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, May 1999 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 tons)	Average Cost <sup>5</sup>		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost <sup>5</sup>		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost <sup>5</sup>		Coal	Petroleum	Gas
		(Cents per 10 <sup>6</sup> Btu)	(\$ per short ton)			(Cents per 10 <sup>6</sup> Btu)	\$ per bbl			(Cents per 10 <sup>6</sup> Btu)	\$ per Mcf			
<b>Texas Utilities Electric Co<sup>8</sup></b>														
Stryker (TX) .....	—	—	—	—	—	—	—	—	2,151	251.7	2.58	—	—	100
Tradinghouse (TX) .....	—	—	—	—	—	—	—	—	5,503	251.7	2.58	—	—	100
Trinidad (TX) .....	—	—	—	—	—	—	—	—	243	251.7	2.50	—	—	100
Valley (TX) .....	—	—	—	—	—	—	—	—	2,093	251.7	2.56	—	—	100
<b>Texas-New Mexico Power Co.....</b>	<b>148</b>	<b>143.3</b>	<b>19.91</b>	<b>0.80</b>	—	—	—	—	<b>6</b>	<b>244.0</b>	<b>2.49</b>	<b>100</b>	—	*
TNP One (Tx) .....	148	143.3	19.91	.80	—	—	—	—	6	244.0	2.49	100	—	*
<b>Toledo Edison Co.....</b>	<b>207</b>	<b>121.0</b>	<b>21.33</b>	<b>.22</b>	*	<b>353.4</b>	<b>20.49</b>	<b>0.39</b>	—	—	—	<b>100</b>	*	—
Bay Shore (OH) .....	207	121.0	21.33	.22	*	353.4	20.49	.39	—	—	—	100	*	—
<b>Tri State Gen &amp; Trans Assn, Inc.....</b>	<b>435</b>	<b>105.9</b>	<b>21.78</b>	<b>.45</b>	—	—	—	—	<b>27</b>	<b>268.2</b>	<b>2.89</b>	<b>100</b>	—	*
Craig (CO) .....	408	105.9	21.69	.43	—	—	—	—	27	268.2	2.89	100	—	*
Nucla (CO) .....	28	105.7	23.15	.80	—	—	—	—	—	—	—	100	—	—
<b>Tucson Electric Power Co.....</b>	<b>308</b>	<b>148.6</b>	<b>28.06</b>	<b>.81</b>	<b>2</b>	<b>433.2</b>	<b>25.41</b>	<b>.05</b>	<b>513</b>	<b>288.8</b>	<b>2.95</b>	<b>92</b>	*	<b>8</b>
Irvington (AZ) .....	20	216.8	49.50	.42	—	—	—	—	513	288.8	2.95	47	—	53
Springerville (AZ) .....	288	142.8	26.56	.84	2	433.2	25.41	.05	—	—	—	100	*	—
<b>Union Electric Co.....</b>	<b>1,409</b>	<b>99.7</b>	<b>17.91</b>	<b>.44</b>	<b>4</b>	<b>341.5</b>	<b>19.65</b>	<b>.29</b>	<b>77</b>	<b>239.1</b>	<b>2.45</b>	<b>100</b>	*	*
Labadie (MO) .....	618	94.8	16.65	.22	2	341.5	19.65	.29	—	—	—	100	*	—
Meramec (MO) .....	177	125.9	24.96	.62	—	—	—	—	59	238.0	2.43	98	—	2
Rush Island (MO) .....	469	89.1	15.19	.30	1	328.5	18.90	.29	—	—	—	100	*	—
Sioux (MO) .....	145	115.8	23.45	1.55	1	354.5	20.40	.29	—	—	—	100	*	—
Venice No.2 (IL) .....	—	—	—	—	—	—	—	—	19	242.6	2.48	—	—	100
<b>United Power Assn.....</b>	<b>94</b>	<b>72.0</b>	<b>9.57</b>	<b>.75</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Stanton (ND) .....	94	72.0	9.57	.75	—	—	—	—	—	—	—	100	—	—
<b>UtiliCorp United Inc.....</b>	<b>100</b>	<b>81.3</b>	<b>14.99</b>	<b>.29</b>	—	—	—	—	—	—	—	<b>100</b>	—	—
Sibley (MO) .....	100	81.3	14.99	.29	—	—	—	—	—	—	—	100	—	—
<b>Vero Beach City of.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	—	—	—	—	<b>74</b>	<b>238.3</b>	<b>2.50</b>	—	—	<b>100</b>
Vero Beach (FL) .....	—	—	—	—	—	—	—	—	74	238.3	2.50	—	—	100
<b>Vineland City of.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>7</b>	<b>295.7</b>	<b>18.13</b>	<b>.51</b>	—	—	—	—	<b>100</b>	—
H M Down (NJ) .....	—	—	—	—	7	295.7	18.13	.51	—	—	—	—	100	—
<b>Virginia Electric &amp; Power Co.....</b>	<b>1,018</b>	<b>128.7</b>	<b>32.46</b>	<b>1.34</b>	<b>19</b>	<b>196.8</b>	<b>12.46</b>	<b>1.11</b>	<b>2,238</b>	<b>270.3</b>	<b>2.89</b>	<b>91</b>	*	<b>8</b>
Bremo Bluff (VA) .....	39	141.3	35.57	1.04	—	—	—	—	—	—	—	100	—	—
Chesapeake Energy (VA) .....	152	143.5	36.75	.86	—	—	—	—	—	—	—	100	—	—
Chesterfield (VA) .....	227	138.4	35.22	1.20	—	—	—	—	2,174	271.9	2.90	71	—	29
Clover (VA) .....	161	117.0	29.62	1.10	—	—	—	—	—	—	—	100	—	—
Mount Storm (WV) .....	312	112.6	28.03	1.82	3	368.9	21.69	.20	—	—	—	100	*	—
Possum Point (VA) .....	60	140.5	34.62	1.27	—	—	—	—	—	—	—	100	—	—
Storage Facility # 1 .....	—	—	—	—	16	163.4	10.50	1.30	—	—	—	100	—	—
Yorktown (VA) .....	66	145.4	37.20	1.40	—	—	—	—	64	216.4	2.41	96	—	4
<b>West Penn Power Co.....</b>	<b>358</b>	<b>112.2</b>	<b>28.71</b>	<b>2.34</b>	<b>1</b>	<b>355.1</b>	<b>21.03</b>	<b>.30</b>	<b>3</b>	<b>407.5</b>	<b>4.07</b>	<b>100</b>	*	*
Armstrong (PA) .....	32	104.5	25.77	1.71	*	341.3	20.21	.30	—	—	—	100	*	—
Hatfield (PA) .....	256	105.2	27.22	2.19	*	374.5	22.18	.30	—	—	—	100	*	—
Mitchell (PA) .....	69	142.7	35.59	3.20	*	356.3	21.10	.30	3	407.5	4.07	100	*	*
<b>West Texas Utilities Co.....</b>	<b>317</b>	<b>123.1</b>	<b>20.55</b>	<b>.68</b>	—	—	—	—	<b>2,630</b>	<b>247.3</b>	<b>2.54</b>	<b>66</b>	—	<b>34</b>
Fort Phantom (TX) .....	—	—	—	—	—	—	—	—	892	248.6	2.54	—	—	100
Oak Creek (TX) .....	—	—	—	—	—	—	—	—	314	242.3	2.67	—	—	100
Oklauion (TX) .....	317	123.1	20.55	.68	—	—	—	—	—	—	—	100	—	—
Paint Creek (TX) .....	—	—	—	—	—	—	—	—	444	278.1	2.94	—	—	100
Rio Pecos (TX) .....	—	—	—	—	—	—	—	—	643	224.8	2.24	—	—	100
San Angelo (TX) .....	—	—	—	—	—	—	—	—	336	248.9	2.45	—	—	100
<b>Western Farmers Elec Coop Inc.....</b>	<b>167</b>	<b>106.9</b>	<b>18.52</b>	<b>.24</b>	—	—	—	—	<b>1,079</b>	<b>233.2</b>	<b>2.35</b>	<b>73</b>	—	<b>27</b>
Anadarko (OK) .....	—	—	—	—	—	—	—	—	884	233.2	2.35	—	—	100
Hugo (OK) .....	167	106.9	18.52	.24	—	—	—	—	—	—	—	100	—	—
Mooreland (OK) .....	—	—	—	—	—	—	—	—	195	233.2	2.39	—	—	100
<b>Western Massachusetts Elec Co.....</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>10</b>	<b>279.4</b>	<b>17.84</b>	<b>.91</b>	<b>91</b>	<b>264.0</b>	<b>2.71</b>	—	<b>41</b>	<b>59</b>
West Springfield (MA) .....	—	—	—	—	10	279.4	17.84	.91	91	264.0	2.71	—	41	59

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, May 1999 (Continued)**

Utility (Holding Company) Plant (State)	Coal				Petroleum <sup>1</sup>				Gas			% of Total Btu		
	Receipts (1,000 tons)	Average Cost <sup>3</sup>		Avg. Sulfur %	Receipts (1,000 bbls)	Average Cost <sup>3</sup>		Avg. Sulfur %	Receipts (1,000 Mcf)	Average Cost <sup>3</sup>		Coal	Petroleum	Gas
		(Cents per 10 <sup>6</sup> Btu)	(\$ per short ton)			(Cents per 10 <sup>6</sup> Btu)	\$ per bbl			(Cents per 10 <sup>6</sup> Btu)	\$ per Mcf			
<b>WestPlains Energy</b> .....	—	—	—	—	—	—	—	—	<b>808</b>	<b>219.5</b>	<b>2.21</b>	—	—	<b>100</b>
Cimarron River (KS).....	—	—	—	—	—	—	—	—	32	242.0	2.49	—	—	100
Large (KS).....	—	—	—	—	—	—	—	—	484	220.9	2.19	—	—	100
Mullergren (KS).....	—	—	—	—	—	—	—	—	293	214.7	2.21	—	—	100
<b>Wisconsin Electric Power Co</b> .....	<b>1,022</b>	<b>99.4</b>	<b>18.66</b>	<b>0.41</b>	—	—	—	—	<b>104</b>	<b>293.7</b>	<b>2.99</b>	<b>99</b>	—	<b>1</b>
Oak Creek (WI).....	326	110.4	21.59	.52	—	—	—	—	59	285.7	2.91	99	—	1
Pleasant Prairie (WI).....	443	72.9	12.33	.34	—	—	—	—	37	297.4	3.04	99	—	1
Port Washington (WI).....	—	—	—	—	—	—	—	—	1	426.4	4.33	—	—	100
Presque Isle (MI).....	197	117.8	23.97	.36	—	—	—	—	—	—	—	100	—	—
Valley (WI).....	56	140.1	32.97	.50	—	—	—	—	7	322.6	3.26	99	—	1
<b>Wisconsin Power &amp; Light Co</b> .....	<b>515</b>	<b>108.6</b>	<b>18.88</b>	<b>.34</b>	<b>3</b>	<b>340.5</b>	<b>20.02</b>	—	<b>9</b>	<b>338.0</b>	<b>3.38</b>	<b>100</b>	*	*
Blackhawk (WI).....	—	—	—	—	—	—	—	—	9	338.0	3.38	—	—	100
Columbia (WI).....	208	92.6	15.64	.36	2	345.4	20.31	—	—	—	—	100	*	—
Edgewater (WI).....	243	117.5	20.52	.33	1	350.0	20.58	—	—	—	—	100	*	—
Nelson Dewey (WI).....	62	122.6	22.83	.29	*	335.7	19.74	—	—	—	—	100	*	—
Rock River (WI).....	1	165.8	40.48	1.25	1	309.8	18.22	—	—	—	—	92	8	—
<b>Wisconsin Public Service Corp</b> .....	<b>235</b>	<b>111.1</b>	<b>19.71</b>	<b>.24</b>	—	—	—	—	<b>34</b>	<b>303.2</b>	<b>3.07</b>	<b>99</b>	—	<b>1</b>
Pulliam (WI).....	87	104.9	18.74	.20	—	—	—	—	20	303.3	3.07	99	—	1
Weston (WI).....	148	114.7	20.28	.27	—	—	—	—	13	303.0	3.07	99	—	1
<b>Wyandotte Municipal Serv Comm</b> .....	—	—	—	—	—	—	—	—	<b>64</b>	<b>288.0</b>	<b>2.88</b>	—	—	<b>100</b>
Wyandotte (MI).....	—	—	—	—	—	—	—	—	64	288.0	2.88	—	—	100
<b>U.S. Total</b> .....	<b>74,551</b>	<b>121.8</b>	<b>24.85</b>	<b>.99</b>	<b>11,289</b>	<b>236.0</b>	<b>14.97</b>	<b>1.10</b>	<b>253,543</b>	<sup>2</sup> <b>251.6</b>	<b>2.57</b>	<b>82</b>	<b>4</b>	<b>14</b>

<sup>1</sup> The May 1999 petroleum coke receipts were 219,375 short tons and the cost was 66.0 cents per million Btu.

<sup>2</sup> Monetary values are expressed in nominal terms.

<sup>3</sup> 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.

<sup>4</sup> Most coal destined for the Barry plant is reported by the Alabama Power Company as it is received at the Gorgas Transshipping Facility.

<sup>5</sup> 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.

<sup>6</sup> 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.

<sup>7</sup> 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 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. Approximately 90 percent 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.

<sup>8</sup> 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 1999 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."

## 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 Non-proliferation 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 unforeseen 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, 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
3/03/99	Western Area Power Administration (WSCC)	11:41a.m.	WSCC	Equipment Failure	0	0	12:10 p.m.
5/03/99	Western Resources (SPP)	3:30 p.m.	Kansas City	Severe Storms	300	51,000	6:00 p.m. May 12
5/10/99	Reliant Energy (Houston L&P) (ERCOT)	5:00 a.m.	Houston, TX	Severe Storms	1,400	300,000	5:00 a.m. May 13
5/17/99	Consumers Energy (ECAR)	5:00 p.m.	Michigan	Severe Storms	150	145,000	9:00 a.m. May 17
6/07/99	ISO-New England (NPCC)	10:00 a.m.	New England Control Area	Voltage Reduction	21,900	All New England Customers	10:00 p.m. June 7
6/08/99	Central Hudson G& E (NPCC)	10:10 a.m.	Central Hudson System	Voltage Reduction	NA	NA	NA
6/08/99	New York Power Pool (NPCC)	10:10 a.m.	New York State	Voltage Reduction	82	NA	6:46 p.m. June 8
6/08/99	New York Power Pool (NPCC)	12:24 a.m.	New York State	Weather	153	NA	6:46 p.m. June 8
6/08/99	Consolidate Edison (NPCC)	9:41 a.m.	Consolidated Edison System	Weather	128	All Consolidated Edison Customers	5:00 p.m. June 8

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.

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

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 non-response. 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 kilowatt-hour 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 kilowatt-hour), 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-kilowatt-hour value is estimated to be 5.13 cents per kilowatt-hour 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 kilowatt-hour is within approximately 1.6 percent of 5.13 cents per kilowatt-hour (that is, between 5.05 and 5.21 cents per kilowatt-hour). 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

$$y_i = bx_i + x_i^\gamma e_{oi},$$

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

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

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.  $\gamma$  is taken to be  $1/2$  (see (Knaub, 5)), although more research (Knaub, 9) could refine this. For the Form EIA-826,  $\gamma = 1/2$  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 kilowatt-hour, 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 kilowatt-hour 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 value.

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  $\Sigma$  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 (resi-  
dential, 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 con-  
sumer—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 watt-hour 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 estimate 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 <sup>a</sup>
Internal Combustion . . . . .	.98
Wind Turbine . . . . .	.99
Solar-Photovoltaic . . . . .	.99
Hydraulic Turbine . . . . .	.99
Fuel Cell . . . . .	.99
Other . . . . .	.97

<sup>a</sup>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, May 1999**

Census Division and State	Coal <sup>1</sup> (Btu per ton)	Petroleum <sup>1</sup> (Btu per barrel)	Gas <sup>1</sup> (Btu per thousand cubic feet)
<b>New England</b> .....	<b>26,040,580</b>	<b>6,439,039</b>	<b>1,023,640</b>
Connecticut.....	—	6,438,115	1,021,821
Maine.....	—	—	—
Massachusetts.....	26,126,704	6,365,331	1,025,873
New Hampshire.....	25,972,582	6,442,427	—
Rhode Island.....	—	—	—
Vermont.....	—	—	1,012,000
<b>Middle Atlantic</b> .....	<b>25,573,614</b>	<b>6,301,468</b>	<b>1,028,647</b>
New Jersey.....	27,149,060	6,360,487	1,042,146
New York.....	26,260,616	6,319,220	1,027,648
Pennsylvania.....	25,352,062	6,124,919	1,032,590
<b>East North Central</b> .....	<b>21,191,115</b>	<b>6,184,807</b>	<b>855,294</b>
Illinois.....	19,091,300	6,019,729	1,022,633
Indiana.....	21,179,426	5,700,325	1,026,120
Michigan.....	21,109,243	6,378,778	<sup>a</sup> 734,657
Ohio.....	23,991,182	5,813,084	1,031,342
Wisconsin.....	18,311,573	5,880,000	1,007,790
<b>West North Central</b> .....	<b>16,741,381</b>	<b>6,106,544</b>	<b>1,021,855</b>
Iowa.....	17,259,500	5,854,975	1,004,549
Kansas.....	17,287,182	6,299,185	1,028,776
Minnesota.....	17,757,668	5,754,000	1,012,184
Missouri.....	17,882,894	5,771,089	997,188
Nebraska.....	16,967,400	5,777,096	990,711
North Dakota.....	13,063,336	5,880,000	—
South Dakota.....	17,360,000	—	—
<b>South Atlantic</b> .....	<b>24,849,165</b>	<b>6,364,203</b>	<b>1,043,849</b>
Delaware.....	26,428,172	6,398,692	974,945
District of Columbia.....	—	6,015,921	—
Florida.....	24,818,909	6,375,876	1,047,719
Georgia.....	23,603,042	5,816,453	1,032,920
Maryland.....	26,050,305	6,352,135	1,043,139
North Carolina.....	25,050,202	5,808,079	1,042,000
South Carolina.....	25,825,902	5,796,000	1,028,000
Virginia.....	25,477,484	6,198,890	1,069,263
West Virginia.....	24,840,734	5,894,196	1,000,000
<b>East South Central</b> .....	<b>22,760,191</b>	<b>6,461,863</b>	<b>1,023,393</b>
Alabama.....	21,841,816	5,789,835	1,021,676
Kentucky.....	23,197,053	5,852,099	1,025,000
Mississippi.....	23,751,878	6,590,631	1,023,397
Tennessee.....	23,013,246	5,875,800	—
<b>West South Central</b> .....	<b>15,749,991</b>	<b>5,858,076</b>	<b>1,024,393</b>
Arkansas.....	17,165,666	5,910,580	1,014,547
Louisiana.....	16,740,070	5,880,000	1,041,768
Oklahoma.....	17,261,692	—	1,028,802
Texas.....	15,117,266	5,796,000	1,019,133
<b>Mountain</b> .....	<b>19,916,365</b>	<b>5,797,933</b>	<b>1,014,376</b>
Arizona.....	20,550,340	5,791,527	983,188
Colorado.....	19,493,504	—	1,035,205
Idaho.....	—	—	—
Montana.....	16,934,552	5,922,000	1,093,000
Nevada.....	22,268,904	—	1,028,935
New Mexico.....	19,389,102	5,712,000	1,018,688
Utah.....	23,772,640	5,880,000	1,033,000
Wyoming.....	17,758,662	5,855,896	1,044,000
<b>Pacific Contiguous</b> .....	<b>16,522,777</b>	—	<b>1,004,647</b>
California.....	—	—	1,003,256
Oregon.....	16,928,000	—	1,011,000
Washington.....	16,468,140	—	—
<b>Pacific Noncontiguous</b> .....	—	<b>6,270,266</b>	<b>1,000,000</b>
Alaska.....	—	—	1,000,000
Hawaii.....	—	6,270,266	—
<b>U.S. Average</b> .....	<b>20,398,781</b>	<b>6,342,771</b>	<b>1,019,603</b>

<sup>1</sup> Data represents weighted values.

<sup>a</sup> Consists mostly of blast furnace gas which has a heat content of 74,0 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, 1994 Through 1998**

Item	Mean Absolute Value of Change				
	1994	1995	1996	1997	1998
<b>Nonutility</b>					
Sales for Resale (million kilowatthours).....	NA	NA	546	335	NA
<b>Utility</b>					
<b>Generation (million kilowatthours)</b>					
Coal .....	34	49	162	201	201
Petroleum .....	25	6	64	53	39
Gas.....	29	38	84	168	102
Hydroelectric.....	6	6	298	325	322
Nuclear.....	96	0	4	65	0
Other <sup>1</sup> .....	1	0	0	0	0
Total .....	113	11	462	285	504
<b>Consumption</b>					
Coal (thousand short tons).....	10	27	105	169	114
Petroleum (thousand barrels).....	13	1	94	43	76
Gas (million cubic feet).....	470	300	899	1,243	1,084
<b>Stocks<sup>2</sup></b>					
Coal (thousand short tons).....	124	310	233	501	229
Petroleum (thousand barrels).....	81	239	201	130	98
<b>Retail Sales (million kilowatthours)</b>					
Residential.....	115	79	345	350	626
Commercial.....	397	780	476	1,265	175
Industrial .....	806	141	1,129	257	771
Other <sup>3</sup> .....	24	167	267	363	33
Total .....	602	694	1,153	1,724	1,466
<b>Revenue (million dollars)</b>					
Residential.....	14	17	2	3	42
Commercial.....	31	51	29	60	17
Industrial .....	51	23	46	32	30
Other <sup>3</sup> .....	4	5	1	31	2
Total .....	49	22	46	62	79
<b>Average Revenue per Kilowatthour (cents)<sup>4</sup></b>					
Residential.....	.01	.01	.03	.03	.02
Commercial.....	.01	.01	.01	.05	.01
Industrial .....	.02	.03	.01	.02	.01
Other <sup>3</sup> .....	.04	.20	.22	.07	.02
Total .....	.01	.01	.01	.02	.01
<b>Receipts</b>					
Coal (thousand short tons).....	27	34	61	71	84
Petroleum (thousand barrels).....	28	2	77	28	20
Gas (million cubic feet).....	211	227	566	122	365
<b>Cost (cents per million Btu)<sup>4</sup></b>					
Coal .....	.08	.10	.06	.16	.23
Petroleum .....	.01	.01	.01	*	*
Gas.....	.04	.15	.87	.68	.35

<sup>1</sup> Includes geothermal, wood, waste, wind, and solar.

<sup>2</sup> Stocks are end of month values.

<sup>3</sup> Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

<sup>4</sup> 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)
<b>Nonutility</b>						
Sales for Resale (million kilowatthours) .....	219,549	224,646	*	222,367	NA	NA
<b>Utility</b>						
<b>Generation (million kilowatthours)</b>						
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 <sup>1</sup> .....	1,012,475	1,011,564	-1	977,618	976,720	-1
<b>Total</b> .....	<b>3,077,940</b>	<b>3,077,442</b>	<b>*</b>	<b>3,125,524</b>	<b>3,122,523</b>	<b>-10</b>
<b>Consumption</b>						
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
<b>Stocks<sup>2</sup></b>						
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
<b>Retail Sales (million kilowatthours)</b>						
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 <sup>3</sup> .....	100,741	97,539	-3.3	98,544	NA	NA
<b>All Sectors</b> .....	<b>3,083,970</b>	<b>3,097,810</b>	<b>.40</b>	<b>3,119,072</b>	<b>NA</b>	<b>NA</b>
<b>Revenue (million dollars)</b>						
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 <sup>3</sup> .....	6,735	6,741	.1	6,737	NA	NA
<b>All Sectors</b> .....	<b>211,900</b>	<b>212,455</b>	<b>.30</b>	<b>214,317</b>	<b>NA</b>	<b>NA</b>
<b>Average Revenue per Kilowatthour (cents)<sup>4</sup></b>						
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 <sup>3</sup> .....	6.69	6.91	3.3	6.84	NA	NA
<b>All Sectors</b> .....	<b>6.87</b>	<b>6.86</b>	<b>-20</b>	<b>6.87</b>	<b>NA</b>	<b>NA</b>

<sup>1</sup> Includes geothermal, wood, waste, wind, and solar.

<sup>2</sup> Stocks are end-of-month values.

<sup>3</sup> Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

<sup>4</sup> Data represent weighted values.

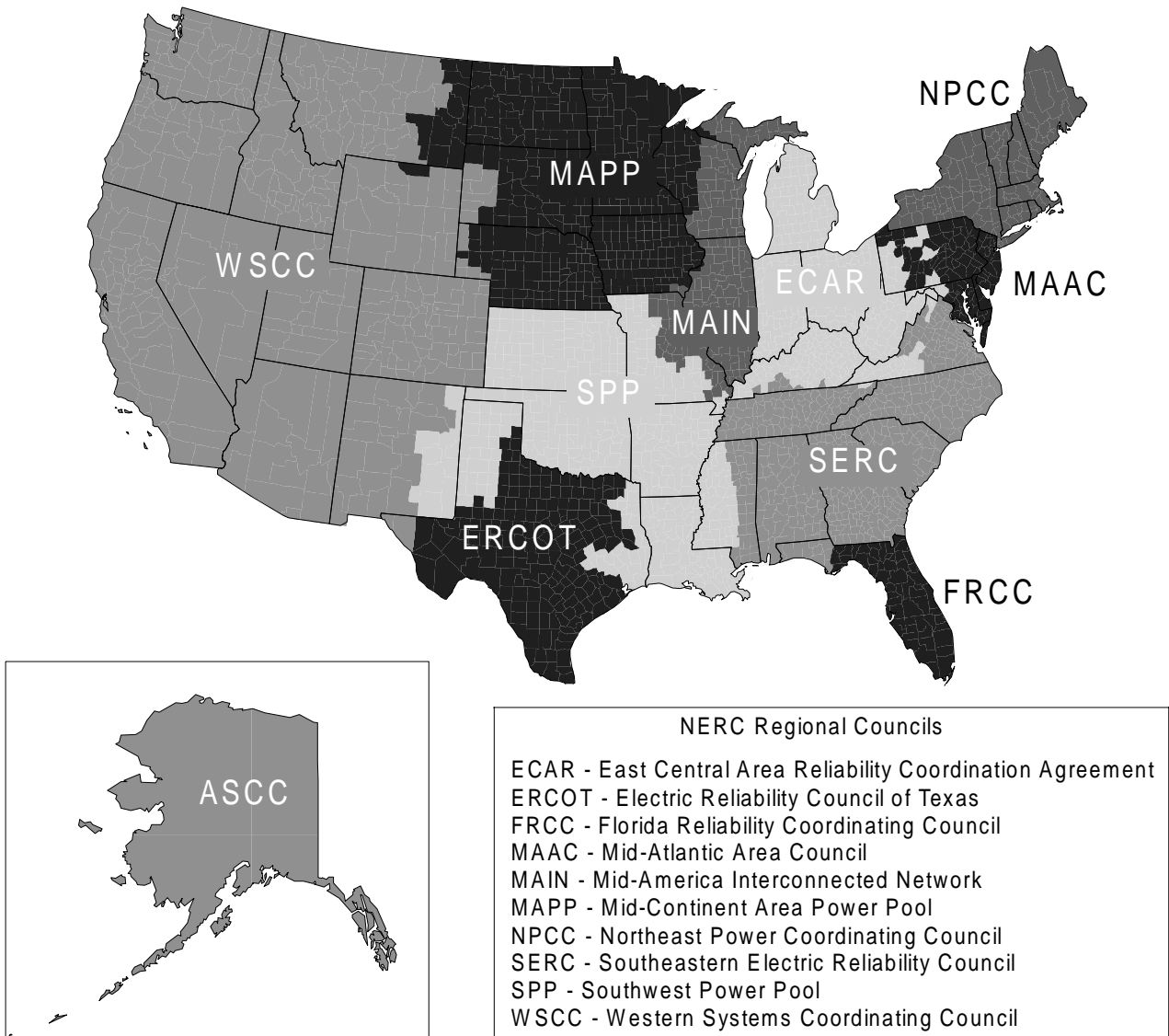
\* = For detailed data, the absolute value is less than 0.5; for percentage calculations, the absolute value is less than 0.05 percent.

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,  
June 1999  
(Percent)**

State	Coal	Petroleum	Gas	Hydroelectric	Nuclear	Other <sup>1</sup>
Alabama.....	0.0	0.0	0.0	0.0	0.0	—
Alaska.....	.0	40.0	.3	19.9	—	—
Arizona.....	.0	.0	.0	.0	.0	—
Arkansas.....	.0	.1	.2	.6	.0	—
California.....	—	7.2	4.0	.1	.0	0.0
Colorado.....	.1	7.4	.7	.1	—	.0
Connecticut.....	.0	.5	.0	1.1	.0	.0
Delaware.....	.0	.2	.0	—	—	—
District of Columbia.....	—	.0	—	—	—	—
Florida.....	.0	.0	.0	.0	.0	—
Georgia.....	.0	.0	.4	.3	.0	—
Hawaii.....	—	1.6	—	.0	—	—
Idaho.....	—	.0	—	.2	—	—
Illinois.....	.0	.9	.3	.0	.0	.0
Indiana.....	.0	.1	.2	.0	—	—
Iowa.....	.0	4.8	2.4	.6	.0	.0
Kansas.....	.0	.9	2.0	—	.0	—
Kentucky.....	.3	3.5	2.2	1.0	—	—
Louisiana.....	.0	.0	.1	—	.0	—
Maine.....	—	23.0	—	.0	—	.0
Maryland.....	.0	.9	.2	.0	.0	—
Massachusetts.....	.0	314.7	2.0	5.1	.0	—
Michigan.....	.0	1.8	1.0	5.2	.0	—
Minnesota.....	.3	.1	6.7	2.6	.0	.0
Mississippi.....	1.0	.6	.3	—	.0	—
Missouri.....	.0	1.3	2.2	1.9	.0	.0
Montana.....	.0	.0	.0	.0	—	—
Nebraska.....	.0	8.9	3.1	.0	.0	.0
Nevada.....	.0	.0	.0	.0	—	—
New Hampshire.....	.0	.0	.0	.0	.0	—
New Jersey.....	.0	.0	.0	.0	.0	—
New Mexico.....	.5	.0	.7	.0	—	—
New York.....	.0	.1	.0	.0	.0	.0
North Carolina.....	.0	.0	.0	.0	.0	—
North Dakota.....	.0	.0	.0	.0	—	—
Ohio.....	.0	.4	1.0	.0	.0	—
Oklahoma.....	.0	12.3	.1	.0	—	—
Oregon.....	.0	.0	.0	.0	—	.0
Pennsylvania.....	.0	.0	.0	7.4	.0	—
Rhode Island.....	—	.0	—	—	—	—
South Carolina.....	.0	.0	.0	1.9	.0	—
South Dakota.....	.0	.0	.0	.0	—	—
Tennessee.....	.0	.0	.0	.0	.0	—
Texas.....	.0	.1	.0	1.6	.0	.0
Utah.....	.0	2.7	11.3	2.0	—	.0
Vermont.....	—	3.0	.0	9.2	.0	.0
Virginia.....	.0	.0	.0	.3	.0	.0
Washington.....	.0	.0	.0	.0	.0	.0
West Virginia.....	.0	.0	.0	.0	—	—
Wisconsin.....	.0	.3	.4	1.4	.0	.0
Wyoming.....	.0	.0	.0	.1	—	—

<sup>1</sup> 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, June 1999**  
(Percent)

State	Consumption			Stocks	
	Coal	Petroleum	Gas	Coal	Petroleum
Alabama .....	0.0	0.0	0.0	0.0	0.0
Alaska .....	.0	101.8	.4	.0	80.9
Arizona .....	.0	.0	.0	.0	.0
Arkansas .....	.0	.1	.5	.0	.0
California .....	—	6.0	3.5	—	1.5
Colorado .....	.1	2.1	1.2	.1	.7
Connecticut .....	.0	.4	.0	.0	.4
Delaware .....	.0	.2	.0	.0	.0
District of Columbia .....	—	.0	—	—	.0
Florida .....	.0	.0	.0	.0	.0
Georgia .....	.0	.0	.3	.0	.0
Hawaii .....	—	1.5	—	—	.9
Idaho .....	—	.0	—	—	.0
Illinois .....	.0	1.3	.2	.0	.3
Indiana .....	.0	.3	.2	.0	.2
Iowa .....	.0	3.0	3.0	.1	3.9
Kansas .....	.0	1.8	2.1	.0	4.9
Kentucky .....	.4	2.7	2.6	1.1	1.3
Louisiana .....	.0	.0	.1	.0	.0
Maine .....	—	27.3	—	—	4.2
Maryland .....	.0	.3	.3	.0	.1
Massachusetts .....	.0	236.2	1.3	.0	586.3
Michigan .....	.0	1.0	.6	.1	.1
Minnesota .....	.3	1.7	5.4	.5	1.3
Mississippi .....	.4	.6	.3	.2	.3
Missouri .....	.0	1.2	2.3	.0	.5
Montana .....	.0	.0	.0	.0	.0
Nebraska .....	.0	7.7	2.3	.0	3.7
Nevada .....	.0	.0	.0	.0	.0
New Hampshire .....	.0	.0	.0	.0	.0
New Jersey .....	.0	.0	.0	.0	.0
New Mexico .....	.4	.0	.7	.2	.0
New York .....	.0	.1	.0	.0	.0
North Carolina .....	.0	.0	.0	.0	.0
North Dakota .....	.0	.0	.0	.0	.0
Ohio .....	.0	.4	1.1	.0	.3
Oklahoma .....	.0	13.1	.1	.0	.3
Oregon .....	.0	.0	.0	.0	.0
Pennsylvania .....	.0	.0	.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	.0	.0	.0
Utah .....	.0	5.5	10.0	.0	1.5
Vermont .....	—	4.0	.0	—	2.6
Virginia .....	.0	.0	.0	.0	.0
Washington .....	.0	.0	.0	.0	.0
West Virginia .....	.0	.0	.0	.0	.0
Wisconsin .....	.0	.5	.4	.0	.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 Kilowatt-hour:** The average revenue per kilowatt-hour 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	
	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 outage 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 watt-hours (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.