Electric Power Monthly

May 1997

With Data for February 1997

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Lightning, the raw form of electricity, provides a backdrop for the harnessed form carried over transmission lines.

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Office of Coal, Nuclear, Electric and Alternate Fuels
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Washington, DC 20585

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- Oxygenate data
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- *Petroleum Supply Monthly*
Updated between the 23rd and 26th of the month.
- *Petroleum Marketing Monthly*
Updated on the 20th of the month.
- *Natural Gas Monthly*
Updated on the 20th of the month.
- *Weekly Coal Production*
Updated on Fridays by noon.
- *Quarterly Coal Report*
Updated 40 days after the end of the quarter.
- *Electric Power Monthly*
Updated during the first week of the month.
- *Monthly Energy Review*
Updated the last week of the month.
- *Short-Term Energy Outlook*
Updated 60 days after the end of the quarter.
- *Winter Fuels Report* (October through April)
Propane inventory data updated Wednesdays at 5 p.m. All other data updated Thursdays (Friday in event of a holiday) at 5 p.m.

Office of Coal, Nuclear, Electric and Alternate Fuels
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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
FERC Form 1: Annual Report of Major Electric Utilities, Licensees, and Others		X				X
FERC Form 423: Monthly Report of Cost and Quality of Fuels for Electric Plants		X				X
Publications:						
Electric Power Monthly	X			X	X	
Data tables for Form EIA-759, Form EIA-826, Form EIA-860 (new units only), and FERC Form 423	X		X			
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Electric Power Annual Volume II	X		X	X	X	
Inventory of Power Plants in the United States	X			X		
Electric Sales and Revenue	X		X	X	X	
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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 Coal and Electric Data and Renewables Division; Office of Coal, Nuclear, Electric and Alternate Fuels, Energy Information Administration (EIA), Department of Energy prepares the EPM. This publication provides monthly statistics at the State, Census division, and U.S. levels for net generation, fossil fuel consumption and stocks, quantity and quality of fossil fuels, cost of fossil fuels, electricity retail sales, associated revenue, and average revenue per kilowatthour of electricity sold. In addition, data on net generation, fuel consumption, fuel stocks, quantity and cost of fossil fuels are also displayed for the North American Electric Reliability Council (NERC) regions.

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

Coverage of Sources

The *EPM* contains information from six 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 Sales for Resale Report"; Form EIA-861, "Annual Electric Utility Report"; and Form EIA-860, "Annual Electric Generator Report." Copies of these forms and their instructions may be obtained from the National Energy Information Center. A brief summary of these forms follows; Appendix B, "Technical Notes," contains a more detailed description.

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. As of the January 1996 reporting period and as part of EIA's continuing effort to reduce respondent burden, information on the Form EIA-759 is collected monthly from a cutoff model sample of plants with generating unit nameplate capacity of 25 megawatts or more (approximately 360 electric utilities).

FERC Form 423, a restricted-universe census, is used to collect data from electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts (approximately 230 electric utilities). The FERC established the threshold of 50 or more megawatts. Data collected on the FERC Form 423 include quantity, quality, delivered cost, origin, mine type, fuel type, supplier, and purchase type of fossil fuel receipts.

Form EIA-826 is used to collect sales and revenue data for the residential, commercial, industrial, and other sectors. Other sales and revenue data collected include public street and highway lighting, other sales and revenue to public authorities, sales to railroads and railways, and interdepartmental sales. Respondents to Form EIA-826 are based on a statistically chosen sample and include approximately 260 investor-owned and publicly owned electric utilities from a universe of approximately 3,250 utilities. The sample, which is evaluated annually, was designed to obtain estimates of electricity sales, revenue, and revenue per kilowatthour for all U.S. electric utilities by end-use sector. These estimates are provided at the State, Census division, and U.S. levels. Estimates of coefficients of variation, which indicate possible error caused by sampling, are also published at each level.

Data on quantity, quality, and cost of fossil fuels lag data on net generation, fuel consumption, fuel stocks, electricity sales, and average revenue per kilowatthour by 1 month. This difference in reporting appears in the State, Census division, and U.S. level tables. However, for purposes of comparison, plant-level data are presented for the earlier month.

Form EIA-900. The Form EIA-900, "Monthly Nonutility Sales for Resale Report," is used to collect monthly data from a sample of nonutility power producers on sales for

resale of electricity. The respondents (approximately 380) to the form represent a cutoff model sample of facilities reporting on the Form EIA-867, "Annual Nonutility Power Producer Report." Respondents with a facility nameplate capacity of 50 megawatts or more are selected.

Form EIA-861 is a survey of electric utilities in the United States, its territories, and Puerto Rico. The survey is used to collect information from the universe of electric utilities

(approximately 3,250). Data collected on Form EIA-861 include information on the production, sales, revenue from sales, and trade of electricity.

Form EIA-860 is used to collect data annually from all electric utilities in the United States that operate power plants or plan to operate a power plant within 10 years of the reporting year. Generator-specific information is reported by approximately 900 respondents.

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Monthly Update

Nonutility Sales for Resale—February 1997

Total estimated sales of electricity for resale by nonutility power producers in the United States were 17 billion kilowatthours for February 1997. This reflected a level of sales for resale that was about the same as the level in February 1996, as well as a 13-percent decrease from the prior month of January 1997.

Utility Generation and Retail Sales—February 1997

Generation. Total U.S. net generation of electricity was 234 billion kilowatthours, 11 billion kilowatthours (5 percent) below the amount reported last year at this time. Temperatures (measured by heating degree days) that were 9 percent warmer than those of February 1996, and 13 percent warmer than normal, across the Nation, contributed to the lower generation levels during the month. The energy source with the largest quantitative decrease in generation was petroleum, compared with February of last year. Generation from petroleum-fired plants during the month was 5 billion kilowatthours, or 44 percent, below the level reported a year ago.

Sales. Total sales of electricity to ultimate consumers in the United States during February 1997 were 249 billion kilowatthours, 6 billion kilowatthours (2 percent) lower compared with February 1996. Retail sales of electricity to residential consumers decreased by 6 billion kilowatthours (6 percent), compared with the same time period a year ago. In the commercial sector, retail sales of electricity decreased by less than 1 billion kilowatthours (1 percent). Retail sales of electricity in the industrial sector increased by less than 1 billion kilowatthours (less than 1 percent), compared with February 1996.

Utility Fuel Receipts, Costs, and Quality – January 1997

Coal. January 1997 receipts of coal at electric utilities totaled 72 million short tons, up 4 million short tons from January 1996. This increase was due primarily to a January record 81 million tons of coal consumed during the month. However, with consumption running 9 million short tons ahead of receipts, stocks of bituminous coal fell to 97 million short tons, their lowest level since August 1994. During January 1997, as compared with January 1996, the increase in use of coal was due in-part to a decrease in both gas-fired and nuclear generation.

The high cost of gas made it too expensive to burn, while out-of-service nuclear plants reduced nuclear generation. The result was that many electric utilities had to rely more on coal-fired generation. This ultimately led to higher receipts of coal. An increase in demand for electricity from January 1996 levels also contributed to an increase in the use of coal for electric generation.

Petroleum. Receipts of petroleum totaled 10 million barrels, down 5 million barrels from January 1996 levels. The average cost of petroleum was \$3.21 per million Btu, down slightly from the \$3.37 per million Btu reported in January 1996.

Gas. Receipts of gas in January 1997 totaled 133 billion cubic feet (Bcf), down from 155 Bcf reported in January 1996. Receipts were unusually low for the month due to the very high cost of gas. Fears of a supply shortage at the start of the winter months caused a dramatic rise in natural gas prices during December 1996 and January 1997. For the month, the average cost of gas delivered to electric utilities rose to \$4.06 per million Btu, its highest cost ever.

In September 1996, the North American Electric Reliability Council (NERC) established the Florida Reliability Coordinating Council (FRCC) to better augment the reliability and adequacy of bulk power supply in Florida and in NERC. Beginning with January 1997 data, NERC aggregates presented in this report include the new FRCC region, which is illustrated below.

Florida Reliability Coordinating Council (FRCC)

Heating Degree-Days by Census Division, February 1997

Census Division	Number of Degree-Days			Percent Change	
	<i>Normal</i> [*]	1997	1996	Normal to 1997	1996 to 1997
New England	1,086	911	1,073	-3.0	-5.4
Middle Atlantic	1,001	823	968	-4.4	-6.4
East North Central	1,093	957	1,061	1.3	-3.0
West North Central	1,107	1,032	1,051	5.3	2.1
South Atlantic	538	405	533	-6.2	-12.3
East South Central	657	522	645	-5.6	-11.3
West South Central	447	407	379	-4.0	0.3
Mountain	765	773	705	-1.4	6.8
Pacific Contiguous	438	429	406	-1.1	10.4
U.S. Average	768	666	735	-1.6	-3.0

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

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

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, February 1997

Census Division	Number of Degree-Days		Percent Change	
	Normal *	1997	1996	Normal to 1997 to 1997
New England	0	0	0	NM
Middle Atlantic	0	0	0	NM
East North Central	0	0	0	NM
West North Central	0	0	0	NM
South Atlantic	27	44	24	NM
East South Central	4	1	5	NM
West South Central	11	1	30	NM
Mountain	2	0	0	NM
Pacific Contiguous	1	0	0	NM
U.S. Average	6	8	8	NM

* "Normal" is based on calculations using temperature data for 1961 through 1990.
 NM = Not meaningful (normal is less than 100 or ratio is in calculable).

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.

Electricity Supply and Demand Forecast for 1997¹

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

- In 1997 total electricity demand is expected to continue to grow, but at slower rates than the 2.7 percent seen in 1996. This is due partly to the expectation of somewhat slower economic growth, as well as the assumption of normal weather, which means fewer cooling degree days than in 1996.
- Residential demand growth for electricity in 1997 is projected to increase 1.6 percent over 1996. Normal weather this year implies higher demand in the first quarter which will decrease in the summer, as is normal.
- Commercial sector demand is projected to rise by 0.5 percent in 1997 due primarily to expanding employment. Industrial demand is projected to grow by 0.8 percent in 1997 reflecting the continuing growth in industrial output.
- U.S. utilities are expected to generate about 0.2 percent more electricity in 1997. Nonutility generation is expected to increase at a much faster rate of 5.1 percent in 1997, as a result of capacity additions.
- Hydropower generation by electric utilities is expected to decrease in 1997 due to the assumption of a return to normal rainfall levels.
- Nuclear power generation is expected to continue to increase and is expected to be 0.9 percent above 1996 levels. This can be attributed mainly to performance improvements which the nuclear industry continues to make.
- Net imports of electricity from Canada are forecast to be 2.5 percent lower than in 1996, continuing a two-year downward trend which is actually a return from the record high levels in 1994 to a slightly above average level in 1997.

¹Energy Information Administration, *Short-Term Energy Outlook: 2nd Quarter 1997*, DOE/EIA-0202 (97/2Q) (Washington, DC, April 1997).

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

Electricity Supply and Demand (Billion Kilowatthours)

	1997				
	1st	2nd	3rd	4th	Year
Supply					
Net Utility Generation					
Coal	436.8	415.4	476.5	433.2	1761.9
Petroleum	15.8	12.8	17.3	13.2	59.0
Natural Gas	42.4	76.3	106.7	66.6	292.0
Nuclear	174.8	157.4	183.6	165.8	681.6
Hydroelectric	81.4	78.5	61.5	62.9	284.4
Geothermal and Other ^a	1.8	1.7	1.8	1.8	7.1
Subtotal	752.9	742.2	847.4	743.6	3086.1
Nonutility Generation ^b					
Coal	15.9	15.5	16.3	18.7	66.4
Petroleum	4.5	4.4	4.6	5.3	18.8
Natural Gas	52.3	50.8	53.3	61.2	217.6
Other Gaseous Fuels ^c	3.0	2.9	3.1	3.5	12.5
Hydroelectric	4.0	3.8	4.0	4.6	16.4
Geothermal and Other ^d	19.9	19.4	20.3	23.4	83.0
Subtotal	99.6	96.9	101.6	116.7	414.7
Total Generation	852.6	839.1	948.9	860.3	3500.8
Net Imports	6.9	9.3	12.7	8.4	37.3
Total Supply	859.5	848.3	961.6	868.7	3538.1
Losses and Unaccounted for ^e ..	49.6	71.4	65.9	66.4	253.3
Demand					
Electric Utility Sales					
Residential	282.7	238.2	307.5	255.6	1084.0
Commercial	213.0	217.7	252.8	218.9	902.5
Industrial	248.0	258.1	268.6	257.0	1031.8
Other	26.4	24.2	26.3	24.1	100.9
Subtotal	770.1	738.2	855.2	755.7	3119.2
Nonutility Gener. for Own Use ^b	39.8	38.7	40.6	46.6	165.6
Total Demand	809.9	776.9	895.8	802.3	3284.8
Memo:					
Nonutility Sales to					
Electric Utilities ^b	59.8	58.2	61.0	70.1	249.1

^aOther includes generation from wind, wood, waste, and solar sources.

^bElectricity 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."

^cIncludes refinery still gas and other process or waste gases, and liquefied petroleum gases.

^dIncludes geothermal, solar, wind, wood, waste, nuclear, hydrogen, sulfur, batteries, chemicals and spent sulfite liquor.

^eBalancing item, mainly transmission and distribution losses.

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

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

Table 1. New Electric Generating Units by Operating Company, Plant, and State, and Retirements and Total Capability at U.S. Electric Utilities, 1997

Month/ Company	Plant	State	Generating Unit Number	Net Summer Capability ¹ (megawatts)	Energy Source	Unit Type Code
January						
Hamilton City of	Hamilton	OH	3,4	1.8	Water	HY
Wilber City of	Wilber	NE	6	1.6	Petroleum	IC
Oberlin City of	Oberlin	OH	GT4	2.1	Gas	IC
Washington Island El Coop, Inc.	Washington Island	WI	7,8	3.2	Petroleum	IC
February						
None	—	—	—	—	—	—
Total Capability of Newly Added						
Units	—	—	—	8.7	—	—
Total Capability of Retired Units.....	—	—	—	—	—	—
U.S. Total Capability	—	—	—	709,751.9	—	—

¹ Net summer capability is estimated.

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

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

Table 2. U.S. Electric Power Summary Statistics

Items	February 1997 ¹	January 1997 ¹	February 1996 ¹	Year to Date		
				1997 ¹	1996 ¹	Difference (percent)
Nonutility						
Sales for Resale (Million kWh).....	17,434	18,954	17,430	36,388	36,521	-0.4
Coefficient of Variation (percent).....	.9	1.0	1.0	—	—	—
Electric Utility						
Net Generation (Million kWh)						
Coal.....	135,218	161,276	137,467	296,494	289,854	2.3
Petroleum ³	4,644	8,392	8,257	13,036	16,188	-19.5
Gas.....	13,455	13,927	13,330	27,383	29,389	-6.8
Nuclear Power.....	50,658	58,914	55,928	109,572	118,869	-7.8
Hydroelectric (Pumped Storage) ⁴	-333	-507	-471	-840	-936	-10.3
Renewable						
Hydroelectric (Conventional).....	30,214	31,598	30,380	61,812	59,735	3.5
Geothermal.....	310	414	361	724	715	1.3
Biomass.....	147	162	136	310	285	8.6
Wind.....	*	*	*	*	1	-48.6
Photovoltaic.....	*	*	*	*	*	60.5
All Energy Sources.....	234,315	274,177	245,388	508,492	514,100	-1.1
Consumption						
Coal (1,000 short tons).....	67,920	81,175	69,086	149,094	145,894	2.2
Petroleum (1,000 barrels) ⁵	7,477	13,987	14,419	21,464	27,927	-23.1
Gas (1,000 Mcf).....	142,984	139,104	136,572	282,088	305,027	-7.5
Stocks (end-of-month)						
Coal (1,000 short tons).....	107,745	105,116	115,789	—	—	—
Petroleum (1,000 barrels) ⁶	46,157	44,590	45,026	—	—	—
Retail Sales (Million kWh)⁷						
Residential.....	89,970	105,774	95,763	195,744	203,982	-4.0
Commercial.....	69,439	75,282	69,851	144,721	142,690	1.4
Industrial.....	81,339	83,643	80,967	164,982	162,294	1.7
Other ⁸	7,803	8,106	8,174	15,909	16,572	-4.0
All Sectors.....	248,552	272,805	254,755	521,357	525,537	-8
Revenue (Million Dollars)⁷						
Residential.....	7,202	8,346	7,504	15,549	15,927	-2.4
Commercial.....	5,156	5,505	5,157	10,662	10,478	1.8
Industrial.....	3,613	3,712	3,643	7,325	7,280	.6
Other ⁸	524	552	537	1,076	1,082	-.6
All Sectors.....	16,496	18,115	16,842	34,611	34,767	-.5
Average Revenue/kWh (Cents)^{7 9}						
Residential.....	8.01	7.89	7.84	7.94	7.81	1.7
Commercial.....	7.43	7.31	7.38	7.37	7.34	.4
Industrial.....	4.44	4.44	4.50	4.44	4.49	-1.1
Other ⁸	6.72	6.80	6.57	6.76	6.53	3.5
All Sectors.....	6.64	6.64	6.61	6.64	6.62	.3
	January 1997 ²	December 1996 ²	January 1996 ²	Year to Date		
				19972	19962	Difference (percent)
Receipts						
Coal (1,000 short tons).....	71,900	72,525	67,852	71,900	67,852	6.0
Petroleum (1,000 barrels) ¹⁰	9,652	8,961	14,540	9,652	14,540	-33.6
Gas (1,000 Mcf) ¹¹	133,193	128,870	155,022	133,193	155,022	-14.1
Cost (cents/million Btu)¹²						
Coal.....	128.0	127.6	129.1	128.0	129.1	-.9
Petroleum ¹³	321.0	355.2	337.1	321.0	337.1	-4.8
Gas ¹¹	405.8	393.1	281.0	405.8	281.0	44.4

See next page for footnotes.

¹ Values for generation, consumption, stocks, sales, revenue, and average revenue per kWh are final for 1996 and are preliminary for 1997. Values are estimates based on a cutoff model sample for the Forms EIA-759 and EIA-900. See technical notes for a discussion on these sample designs. Data in the commercial and industrial sectors for sales, revenue, and average revenue per kilowatthour for Maryland, the South Atlantic Census Division, and the U.S. total for 1996 reflect an electric utility's reclassification for this information by Standard Industrial Classification Code (SIC).

² Data for 1997 are preliminary; data for 1996 are final.

³ Includes petroleum coke.

⁴ Represents total pumped storage facility production minus energy used for pumping. Pumping energy used at pumped storage plants for February 1997 was 1,681 million kilowatthours.

⁵ The February 1997 petroleum coke consumption was 55,392 short tons.

⁶ The February 1997 petroleum coke stocks were 158,710 short tons.

⁷ Estimates for retail sales and net generation may not correspond exactly for a particular month. Net generation data are for the calendar month. Retail sales and associated retail revenue data accumulated from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class, represent consumption occurring in and outside of the calendar month. This among other reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity), is why the monthly retail sales and generation data are not directly comparable.

⁸ Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

⁹ Based on unrounded values. 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. See technical notes for a discussion on 1) the sample design as of January 1993 estimates and 2) data precision.

¹⁰ The January 1997 petroleum coke receipts were 137,552 short tons.

¹¹ Includes small amounts of coke-oven, refinery, and blast-furnace gas.

¹² Average cost of fuel delivered to electric generating plants; cost values are weighted values.

¹³ January 1997 petroleum coke cost was 75.3 cents per million Btu.

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

NM = This value 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, "Nonutility Sales for Resale Report." • Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Final 1996 Data

Beginning with the May 1997 issue of the *Electric Power Monthly (EPM)*, 1996 data for receipts and costs of fossil fuels delivered to electric utility plants are final. Values for 1997 are preliminary.

Industry Developments

Maryland Sets Conditions for Approval of Pepco and BG&E Merger

A merger of the Potomac Electric and Power Company (Pepco) and Baltimore Gas & Electric Company (BG&E) was given approval by the State of Maryland Public Service Commission (PUC) provided that the new company cuts rates in the State by \$56 million. Under the State Order, the rate reductions would stay in place for three years from the date of the merger. The Order would also require Constellation Energy Corporation, the company created by the merger of Pepco and BG&E, to refund to customers one half of any earnings above an 11.4-percent return on equity. In their merger proposal, BG&E and Pepco had agreed to freeze electric rates.

In response to the PUC's conditional approval of the merger, BG&E and Pepco stated that the Order would result in an "unacceptable financial impact on the new company and the merger could not proceed." They expressed concern that the Order, in addition to requiring a significant rate reduction, does not allow the recovery of full costs for purchased power contracts. BG&E and Pepco also stated their intention to file a request for reconsideration of the Order.

In its review, the Federal Energy Regulatory Commission (FERC) voted unanimously to approve the merger. However, the FERC decision is based solely on the impact of the merger on the wholesale power market. Approval from the District of Columbia must still be obtained for the merger. In addition, the possibility that Congress may have to approve the merger exists due to a 1913 law which requires congressional review of some mergers of utilities located in the District of Columbia.¹

PP&L Requests License To Sell Electricity Throughout Pennsylvania

The Pennsylvania Power & Light Company (PP&L) has submitted an application with the Pennsylvania Public Utility Commission (PUC) to sell electricity and related services throughout Pennsylvania. Currently, PP&L is

limited to its 29-county service territory in the central and eastern part of the state. The filing by PP&L is in response to a pilot program developed by the PUC that will allow 250,000 electric customers from all major investor-owned electric utilities in Pennsylvania to choose their electricity supplier.

The pilot program could begin as early as this summer. Under the current time table, 33 percent of retail customers in the state could choose their electricity supplier by January 1, 1999, 66 percent by January 1, 2000, and the remainder by January 1, 2001. Under state law, the PUC must issue a license to sell electricity to anyone intending to enter the competitive market in Pennsylvania.²

Deregulation to Force Early Closure of the Zion Nuclear Plant

Citing "the need to pare costs. . . in today's increasingly competitive marketplace," the Commonwealth Edison Company (ComEd) and its parent company Unicom Corporation announced that the Zion nuclear plant will be closed no later than 2005. Originally, the plant was set to close when its license expires in 2013. The decision to close the plant was triggered by a deadline to begin work on two replacement steam generators at a cost of \$415 million. A company official stated that the "costly replacement was not in the best interest of our customers and our shareholders."

ComEd is in the process of reviewing the "economic viability" of its generating assets. In 1996, the company announced the sale of the State Line generating station to Southern Electric International and the Kincaid generating station to Dominion Energy Inc. Once Zion is closed, ComEd will still own 8 coal-fired and 5 nuclear plants.³

Negotiation Deadline for Deregulation Set in Illinois

A "self-imposed deadline of early May" has been set by negotiators trying to write a deregulation bill for

¹ Hamilton, Martha M., "U.S., Md. Approve Pepco, BGE Merger," *The Washington Post*, April 17, 1997. Baltimore Gas & Electric Company, Internet, World Wide Web at <http://www.bge.com> (extracted on April 24, 1997).

² Pennsylvania Power & Light Company, Internet, World Wide Web at <http://www.papl.com> (extracted on April 25, 1997).

³ Commonwealth Edison Company, Internet, World Wide Web at <http://www.ceco.com> (extracted on April 25, 1997). Young, David, "Edison to Pull Plug on Zion Nuclear Plant," *The Chicago Tribune*, April 18, 1997, sec. 2, p. 1.

consideration by the Illinois General Assembly. The most important issues facing the diverse group that includes utility executives, consumer advocates, and utility critics are when to begin deregulation and what to do with stranded costs. Both Commonwealth Edison Company (ComEd) and Illinois Power Company favor a gradual approach to deregulation and recovery of all stranded costs. Consumer Alliance, a group headed by Enron Incorporated and Cilcorp Incorporated (parent of Central Illinois Light Company) favor 'quick and total deregulation,' while several public interest groups favor quick deregulation and a limited recovery of stranded costs.

Under ComEd's deregulation plan, industrial users of electricity would enter competition in the year 2000 while residential users would see competition in 2005. ComEd is also calling for a rate freeze until 2001 and then a gradual 7 percent rate reduction over the next 5 years. Opponents of ComEd are calling for deregulation for all customers as early as January 1998, an immediate 10-percent rate cut, and 'little or no recovery of stranded costs.'⁴

Allegheny Power and DQE Agree to Merge

Allegheny Power Systems, Inc. and DQE, Inc. have signed an agreement to merge into a new company to be called Allegheny Energy. When completed, the merged companies will have 2 million customers in five states and have a total generating capacity of approximately 11,000 megawatts. According to Allegheny Power, the merger "strategically positions Allegheny Energy as a major regional player in the increasingly competitive electric power markets."

The merger is expected to result in a savings of \$1 billion over the next 10 years through the elimination of duplicate activities, improved operating efficiencies, and lower capital costs. Allegheny Energy will be operated as an electric utility holding company. Each electric utility will continue to be a separate legal entity. Headquarters

for the new company will be located near Hagerstown, Maryland. The necessary approvals for the merger are expected to take between 12 and 18 months.

Allegheny Power Systems Inc., is a public utility holding company for Monongahela Power Company, The Potomac Edison Company, and West Penn Power Company. It serves 1.4 million customers in Maryland, Ohio, Pennsylvania, Virginia, and West Virginia. DQE, Inc., is a holding company for Duquesne Light Company. It has approximately 580,000 customers in western Pennsylvania.⁵

LG&E Energy to Lease Generating Assets of Big Rivers

A U.S. Bankruptcy judge has selected a bid by LG&E Energy Corporation (LG&E Energy) to lease the generating assets of Big Rivers Electric Corporation (Big Rivers). LG&E was the only company to submit a bid. Located in western Kentucky, Big Rivers had previously agreed to lease its generating facilities to PacifiCorp for a term of 25 years. However, during a review of the agreement, a court examiner reviewing a petition for bankruptcy by Big Rivers questioned whether the lease with PacifiCorp was financially "the best return for Big River's creditors." LG&E had submitted a bid that was viewed by some as being substantially higher than the offer from PacifiCorp. This led to a decision by the U.S. Bankruptcy Court to reopen the bidding for the generating assets.

The LG&E offer will be reviewed by Big Rivers. However, the Company still has the option to continue its battle in U.S. District Court where it had previously filed an appeal to the decision to reopen the bidding process. LG&E Energy stated that its bid to lease the \$1.3 billion in generating assets of Big Rivers "mirrors" the PacifiCorp bid but also provides an additional \$50 million in value to creditors, customers, and member cooperatives. PacifiCorp, which did not enter a second bid, intends to pursue its legal options.⁶

⁴ Christian, Sue Ellen, "Outlet Sought for Electric Deregulation," *The Chicago Tribune*, April 27, 1997, p. C1.

⁵ Allegheny Power Systems, Internet, World Wide Web at <http://www.alleghenypower.com> (extracted on April 29, 1997).

⁶ Pasha Publications, Inc., *Coal Outlook*, "Court Picks LG&E to Lease Big Rivers Assets," Arlington, VA, March 24, 1997. Federal Court Awards LG&E Energy Corp. Big Rivers Deal (March 20, 1997). LG&E Energy, Internet, World Wide Web at <http://www.lgeenergy.com> (extracted on April 24, 1997).

U.S. Electric Utility Net Generation

*These power lines are part of
America's network that supplies
electricity for the United States.*

Table 3. U.S. Electric Utility Net Generation by Month and Energy Source, January 1995 Through February 1997

Period	All Energy Sources (million kilowatthours)	Share of Total U.S. Net Generation (percent)					
		Coal ¹	Petroleum ²	Gas	Hydroelectric	Nuclear	Other ³
1995							
January	253,077	56.3	1.6	7.6	9.2	25.0	0.2
February	228,127	56.3	3.1	7.2	10.5	22.7	.2
March	233,675	54.3	1.3	10.2	11.8	22.2	.2
April	217,381	54.6	1.5	10.1	10.8	22.7	.2
May	236,381	53.3	1.9	10.4	11.2	23.0	.2
June	256,083	53.9	1.7	11.1	11.1	22.0	.2
July	292,827	54.1	2.5	13.2	8.9	21.2	.2
August	304,709	54.7	2.7	14.6	7.5	20.2	.2
September	245,574	55.1	2.0	12.4	7.7	22.7	.2
October	234,409	56.0	1.5	9.8	9.1	23.2	.3
November	234,117	57.2	1.5	8.2	10.3	22.5	.3
December	258,170	56.8	2.7	6.4	10.6	23.2	.3
Total	2,994,529	55.2	2.0	10.3	9.8	22.5	.2
1996							
January	268,713	56.7	3.0	6.0	10.8	23.4	.2
February	245,388	56.0	3.4	5.4	12.2	22.8	.2
March	247,989	55.8	2.5	6.1	13.0	22.4	.2
April	226,423	55.3	1.4	7.3	13.5	22.2	.2
May	251,570	53.4	1.6	10.1	12.6	22.1	.2
June	268,644	54.4	2.1	10.7	11.3	21.4	.2
July	289,329	54.8	2.6	11.8	9.5	21.1	.3
August	290,458	55.7	2.2	12.1	8.6	21.2	.3
September	250,672	56.8	2.0	10.9	8.3	21.8	.3
October	240,674	59.3	1.5	9.1	8.8	21.0	.3
November	241,077	60.2	1.8	6.9	9.1	21.6	.3
December	258,139	59.3	2.4	4.8	11.2	22.1	.2
Total	3,079,074	56.4	2.2	8.5	10.7	21.9	.2
1997							
January	274,177	58.8	3.1	5.1	11.3	21.5	.2
February	234,315	57.7	2.0	5.7	12.8	21.6	.2
Total	508,492	58.3	2.6	5.4	12.0	21.5	.2
Year to Date							
1997	508,492	58.3	2.6	5.4	12.0	21.5	.2
1996	514,100	56.4	3.1	5.7	11.4	23.1	.2
1995	481,204	56.3	2.3	7.4	9.8	23.9	.2

¹ Includes lignite, bituminous coal, subbituminous coal, and anthracite.

² Includes fuel oil Nos. 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke.

³ Includes geothermal, wood, wind, waste, and solar.

Notes: *Estimates for 1997 are preliminary and for 1996 are final. Data for 1995 and prior years are final. *As of 1996, values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. *Totals may not equal sum of components because of independent rounding.

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

Table 4. U.S. Electric Utility Net Generation by Nonrenewable Energy Source, 1990 Through February 1997
(Million Kilowatthours)

Period	All Nonrenewable Energy Sources	Coal ¹	Petroleum ²	Gas	Nuclear	Hydroelectric ³ (Pumped Storage)
1990.....	2,514,066	1,559,606	117,017	264,089	576,862	-3,508
1991.....	2,534,825	1,551,167	111,463	264,172	612,565	-4,541
1992.....	2,543,283	1,575,895	88,916	263,872	618,776	-4,177
1993.....	2,603,861	1,639,151	99,539	258,915	610,291	-4,036
1994.....	2,654,708	1,635,493	91,039	291,115	640,440	-3,378
1995						
January.....	228,830	142,412	4,159	19,339	63,342	-421
February.....	203,846	128,447	7,042	16,422	51,858	77
March.....	205,991	126,970	3,080	23,844	51,880	217
April.....	193,518	118,786	3,315	22,062	49,321	33
May.....	209,532	126,013	4,390	24,662	54,387	81
June.....	226,853	138,089	4,422	28,394	56,381	-433
July.....	266,172	158,378	7,252	38,756	62,037	-251
August.....	280,776	166,700	8,257	44,402	61,661	-245
September.....	225,962	135,241	4,850	30,479	55,690	-297
October.....	211,552	131,318	3,500	23,076	54,293	-635
November.....	209,054	133,899	3,521	19,261	52,708	-335
December.....	229,654	146,662	7,056	16,609	59,844	-516
Total.....	2,691,742	1,652,914	60,844	307,306	673,402	-2,725
1996						
January.....	238,854	152,387	7,932	16,059	62,942	-465
February.....	214,510	137,467	8,257	13,330	55,928	-471
March.....	215,117	138,358	6,156	15,218	55,474	-89
April.....	195,483	125,251	3,239	16,614	50,325	55
May.....	219,391	134,406	3,994	25,427	55,637	-72
June.....	237,580	146,019	5,584	28,732	57,498	-253
July.....	260,991	158,490	7,602	34,129	60,953	-183
August.....	264,606	161,781	6,328	35,233	61,477	-213
September.....	228,846	142,381	5,023	27,254	54,593	-406
October.....	218,340	142,735	3,562	21,813	50,612	-382
November.....	217,831	145,236	4,443	16,527	52,132	-507
December.....	228,550	152,993	6,082	12,418	57,159	-101
Total.....	2,740,098	1,737,504	68,200	262,754	674,729	-3,088
1997						
January.....	242,003	161,276	8,392	13,927	58,914	-507
February.....	203,643	135,218	4,644	13,455	50,658	-333
Total.....	445,645	296,494	13,036	27,383	109,572	-840
Year to Date						
1997.....	445,645	296,494	13,036	27,383	109,572	-840
1996.....	453,364	289,854	16,188	29,389	118,869	-936
1995.....	432,677	270,859	11,201	35,760	115,200	-344

¹ Includes lignite, bituminous coal, subbituminous coal, and anthracite.

² Includes fuel oil Nos. 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke.

³ Pumping energy used for pumped storage plants for February 1997 was 1,681 million kilowatthours.

Notes: *Estimates for 1997 are preliminary and for 1996 are final. Data for 1995 and prior years are final. *As of 1996, values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. *Totals may not equal sum of components because of independent rounding.

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 February 1997
(Thousand Kilowatthours)

Period	All Renewable Energy Sources	Hydroelectric Conventional	Geothermal	Biomass	Wind	Photovoltaic
1990.....	294,085,003	283,433,659	8,581,228	2,067,270	398	2,448
1991.....	290,197,798	280,060,621	8,087,055	2,046,499	285	3,338
1992.....	253,936,260	243,736,029	8,103,809	2,092,945	308	3,169
1993.....	278,663,780	269,098,329	7,570,999	1,990,407	243	3,802
1994.....	256,003,613	247,070,938	6,940,637	1,988,257	309	3,472
1995						
January.....	24,246,610	23,712,095	408,244	126,210	20	41
February.....	24,280,485	23,878,479	296,467	105,386	82	71
March.....	27,683,337	27,240,939	325,805	116,438	16	139
April.....	23,863,670	23,431,269	281,802	150,172	24	403
May.....	26,848,211	26,489,575	254,790	101,878	1,433	535
June.....	29,229,644	28,819,636	280,587	127,033	1,748	640
July.....	26,655,041	26,192,961	305,013	154,322	2,174	571
August.....	23,932,804	23,243,629	524,471	162,237	1,914	553
September.....	19,611,834	19,095,775	366,999	146,640	2,009	411
October.....	22,856,677	22,074,849	618,565	162,080	900	283
November.....	25,063,034	24,353,876	554,325	154,196	439	198
December.....	28,515,481	27,844,757	527,736	142,586	338	64
Total.....	302,786,828	296,377,840	4,744,804	1,649,178	11,097	3,909
1996						
January.....	29,858,169	29,355,445	353,697	148,487	461	79
February.....	30,877,792	30,380,028	360,814	136,484	350	116
March.....	32,871,862	32,372,873	338,586	159,456	587	360
April.....	30,939,773	30,430,861	384,760	122,935	765	452
May.....	32,179,132	31,779,553	258,419	139,413	1,226	521
June.....	31,064,413	30,506,963	387,203	168,516	1,176	555
July.....	28,338,345	27,593,568	555,071	187,598	1,675	433
August.....	25,851,133	25,103,599	574,215	171,826	1,299	194
September.....	21,826,069	21,163,008	496,419	165,481	1,100	61
October.....	22,333,987	21,599,466	530,516	203,041	792	172
November.....	23,245,996	22,517,203	538,375	189,988	309	121
December.....	29,588,560	28,958,388	455,852	173,832	383	105
Total.....	338,975,231	331,760,955	5,233,927	1,967,057	10,123	3,169
1997						
January.....	32,174,402	31,597,598	414,430	162,075	219	80
February.....	30,672,048	30,214,441	309,699	147,477	198	233
Total.....	62,846,450	61,812,039	724,129	309,552	417	313
Year to Date						
1997.....	62,846,450	61,812,039	724,129	309,552	417	313
1996.....	60,735,961	59,735,473	714,511	284,971	811	195
1995.....	48,527,095	47,590,574	704,711	231,596	102	112

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Data for 1995 and prior years are final. •As of 1996, values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •Totals may not equal sum of components because of independent rounding.

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	February 1997	January 1997	February 1996	Year to Date		
				1997	1996	Difference (percent)
ECAR.....	41,553	48,658	44,102	90,211	92,429	-2.4
ERCOT.....	14,739	17,890	15,686	32,629	32,608	.1
MAAC.....	15,418	19,060	16,562	34,479	34,633	-.4
MAIN.....	17,269	20,429	18,809	37,698	39,838	-5.4
MAPP (U.S.).....	12,443	14,346	12,961	26,789	27,044	-.9
NPCC (U.S.).....	14,084	16,705	15,750	30,789	32,996	-6.7
SERC.....	44,959	53,072	57,098	98,031	119,760	-18.1
FRCC.....	9,037	10,554	—	19,592	—	NM
SPP.....	21,248	25,597	21,533	46,845	45,006	4.1
WSCC (U.S.).....	42,495	46,679	42,005	89,174	87,855	1.5
Contiguous U.S.	233,246	272,990	244,505	506,237	512,169	-1.2
ASCC.....	583	677	423	1,261	974	29.4
Hawaii.....	485	509	459	994	957	3.9
U.S. Total.....	234,315	274,177	245,388	508,492	514,100	-1.1

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

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •Totals may not equal sum of components because of independent rounding. •See Glossary for explanation of acronyms. •Percent difference is calculated before rounding.

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	February 1997	January 1997	February 1996	Year to Date		
				1997	1996	Difference (percent)
New England	5,767	6,864	6,941	12,631	14,408	-12.3
Connecticut.....	1,107	1,310	2,244	2,418	4,765	-49.3
Maine.....	206	284	727	490	1,286	-61.9
Massachusetts.....	2,540	3,016	2,208	5,556	4,552	22.1
New Hampshire.....	1,245	1,514	1,108	2,759	2,477	11.4
Rhode Island.....	263	272	207	535	438	22.2
Vermont.....	445	517	484	962	972	-1.0
Middle Atlantic	23,342	28,078	24,374	51,419	51,098	.6
New Jersey.....	1,814	2,125	1,297	3,939	2,845	38.5
New York.....	7,787	9,143	8,262	16,930	17,424	-2.8
Pennsylvania.....	13,745	16,815	14,816	30,560	30,832	-.9
East North Central	41,084	48,036	44,534	89,120	93,804	-5.0
Illinois.....	10,794	12,937	11,869	23,731	25,377	-6.5
Indiana.....	8,588	10,077	8,926	18,664	18,739	-.4
Michigan.....	6,676	7,867	8,126	14,543	16,709	-13.0
Ohio.....	11,376	12,842	11,294	24,217	24,030	.8
Wisconsin.....	3,690	4,342	4,357	8,032	9,016	-10.9
West North Central	19,758	23,263	19,900	43,021	41,950	2.6
Iowa.....	2,739	3,072	3,053	5,812	6,166	-5.8
Kansas.....	2,973	3,720	2,592	6,693	6,092	9.9
Minnesota.....	3,130	3,938	3,255	7,068	6,987	1.2
Missouri.....	5,535	6,566	5,575	12,101	11,447	5.7
Nebraska.....	2,346	2,699	2,350	5,044	4,809	4.9
North Dakota.....	2,417	2,600	2,497	5,017	5,152	-2.6
South Dakota.....	655	699	612	1,354	1,368	-1.0
South Atlantic	45,777	54,656	49,220	100,433	102,749	-2.3
Delaware.....	629	674	653	1,302	1,328	-1.9
District of Columbia.....	-1	-1	20	-1	47	NM
Florida.....	9,455	11,104	10,855	20,559	22,385	-8.2
Georgia.....	6,923	8,517	7,161	15,440	15,156	1.9
Maryland.....	3,429	4,251	4,234	7,680	8,542	-10.1
North Carolina.....	8,199	10,435	7,933	18,634	16,364	13.9
South Carolina.....	5,790	5,931	6,692	11,721	14,101	-16.9
Virginia.....	4,466	5,341	4,461	9,807	9,616	2.0
West Virginia.....	6,887	8,405	7,211	15,292	15,210	.5
East South Central	24,935	29,353	26,158	54,288	55,025	-1.3
Alabama.....	8,440	9,873	9,396	18,313	19,981	-8.4
Kentucky.....	6,905	8,358	7,357	15,264	15,813	-3.5
Mississippi.....	1,979	2,435	2,102	4,413	4,177	5.6
Tennessee.....	7,611	8,687	7,302	16,298	15,053	8.3
West South Central	29,164	35,085	30,433	64,249	63,333	1.4
Arkansas.....	3,361	3,952	3,418	7,312	6,766	8.1
Louisiana.....	4,080	5,333	4,136	9,413	8,298	13.4
Oklahoma.....	3,437	3,814	3,398	7,251	7,321	-1.0
Texas.....	18,286	21,987	19,481	40,273	40,948	-1.6
Mountain	21,155	23,902	19,366	45,057	41,365	8.9
Arizona.....	5,596	6,509	4,830	12,105	10,664	13.5
Colorado.....	2,566	2,981	2,536	5,547	5,518	.5
Idaho.....	1,271	1,162	1,191	2,432	2,282	6.6
Montana.....	2,070	2,197	1,771	4,267	4,314	-1.1
Nevada.....	1,390	1,716	1,524	3,105	2,871	8.2
New Mexico.....	2,310	2,767	1,977	5,077	3,750	35.4
Utah.....	2,582	3,016	2,438	5,598	5,325	5.1
Wyoming.....	3,385	3,571	3,113	6,956	6,672	4.3
Pacific Contiguous	21,808	23,176	23,083	44,984	47,437	-5.2
California.....	7,765	8,541	8,862	16,306	17,257	-5.5
Oregon.....	4,337	4,641	4,180	8,978	8,981	*
Washington.....	10,032	10,439	10,412	20,471	21,943	-6.7
Pacific Noncontiguous	1,068	1,186	882	2,254	1,931	16.7
Alaska.....	583	677	423	1,260	974	29.4
Hawaii.....	485	509	459	994	957	3.8
U.S. Total	234,315	274,177	245,388	508,492	514,100	-1.1

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

NM = The percent difference calculation is not meaningful.

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding.

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	February 1997	January 1997	February 1996	Year to Date				
				Coal Generation			Share of Total (percent)	
				1997	1996	Difference (percent)	1997	1996
New England	1,544	1,705	1,404	3,249	2,947	10.3	25.7	20.5
Connecticut.....	236	260	213	496	421	17.8	20.5	8.8
Maine.....	—	—	—	—	—	—	—	—
Massachusetts.....	1,018	1,067	870	2,085	1,846	12.9	37.5	40.6
New Hampshire.....	289	379	321	668	679	-1.6	24.2	27.4
Rhode Island.....	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—
Middle Atlantic	10,362	12,691	10,982	23,053	22,540	2.3	44.8	44.1
New Jersey.....	592	741	598	1,333	1,334	-1	33.8	46.9
New York.....	1,573	1,933	1,836	3,506	3,792	-7.5	20.7	21.8
Pennsylvania.....	8,198	10,017	8,548	18,215	17,414	4.6	59.6	56.5
East North Central	32,606	38,129	33,093	70,735	68,977	2.5	79.4	73.5
Illinois.....	5,949	7,087	5,186	13,036	10,682	22.0	54.9	42.1
Indiana.....	8,518	9,995	8,838	18,513	18,573	-3	99.2	99.1
Michigan.....	5,023	5,965	5,319	10,988	11,197	-1.9	75.6	67.0
Ohio.....	9,950	11,367	10,633	21,317	22,068	-3.4	88.0	91.8
Wisconsin.....	3,165	3,715	3,118	6,880	6,458	6.5	85.7	71.6
West North Central	15,221	17,897	16,133	33,119	33,221	-3	77.0	79.2
Iowa.....	2,306	2,656	2,606	4,962	5,248	-5.4	85.4	85.1
Kansas.....	2,148	2,762	2,511	4,909	5,055	-2.9	73.3	83.0
Minnesota.....	2,243	2,655	2,375	4,898	5,089	-3.8	69.3	72.8
Missouri.....	4,621	5,549	4,718	10,169	9,699	4.9	84.0	84.7
Nebraska.....	1,395	1,659	1,364	3,054	2,858	6.8	60.5	59.4
North Dakota.....	2,234	2,374	2,300	4,608	4,722	-2.4	91.9	91.7
South Dakota.....	274	243	259	518	550	-6.0	38.2	40.2
South Atlantic	27,109	34,063	28,133	61,172	59,732	2.4	60.9	58.1
Delaware.....	330	317	353	647	636	1.7	49.7	47.9
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	4,741	5,896	5,188	10,637	10,851	-2.0	51.7	48.5
Georgia.....	3,850	5,181	3,821	9,031	8,461	6.7	58.5	55.8
Maryland.....	2,086	2,496	2,609	4,582	5,206	-12.0	59.7	60.9
North Carolina.....	5,035	6,457	4,557	11,492	10,113	13.6	61.7	61.8
South Carolina.....	2,036	2,717	2,171	4,752	4,599	3.3	40.5	32.6
Virginia.....	2,203	2,649	2,287	4,853	4,786	1.4	49.5	49.8
West Virginia.....	6,828	8,350	7,147	15,178	15,079	.7	99.3	99.1
East South Central	16,887	19,654	17,742	36,541	37,982	-3.8	67.3	69.0
Alabama.....	5,051	5,654	5,307	10,704	11,654	-8.1	58.5	58.3
Kentucky.....	6,533	7,924	7,001	14,457	15,066	-4.0	94.7	95.3
Mississippi.....	785	897	758	1,682	1,535	9.5	38.1	36.8
Tennessee.....	4,519	5,179	4,676	9,698	9,727	-3	59.5	64.6
West South Central	16,361	19,521	16,312	35,882	34,872	2.9	55.8	55.1
Arkansas.....	1,844	2,228	2,056	4,072	3,971	2.5	55.7	58.7
Louisiana.....	1,467	1,666	1,513	3,133	3,386	-7.5	33.3	40.8
Oklahoma.....	2,768	3,075	2,630	5,843	5,611	4.1	80.6	76.6
Texas.....	10,281	12,554	10,113	22,835	21,905	4.2	56.7	53.5
Mountain	14,646	16,947	13,186	31,593	28,358	11.4	70.1	68.6
Arizona.....	2,277	2,750	1,630	5,026	3,922	28.2	41.5	36.8
Colorado.....	2,410	2,818	2,427	5,228	5,284	-1.1	94.2	95.8
Idaho.....	—	—	—	—	—	—	—	—
Montana.....	1,005	975	804	1,981	1,958	1.2	46.4	45.4
Nevada.....	1,074	1,449	1,124	2,523	2,071	21.9	81.3	72.1
New Mexico.....	2,103	2,552	1,821	4,655	3,451	34.9	91.7	92.0
Utah.....	2,460	2,896	2,329	5,356	5,111	4.8	95.7	96.0
Wyoming.....	3,317	3,507	3,051	6,824	6,560	4.0	98.1	98.3
Pacific Contiguous	459	645	458	1,103	1,174	-6.0	2.5	2.5
California.....	—	—	—	—	—	—	—	—
Oregon.....	—	72	-5	72	-12	NM	.8	-1
Washington.....	459	573	463	1,031	1,186	-13.1	5.0	5.4
Pacific Noncontiguous	24	23	23	47	50	-6.3	2.1	2.6
Alaska.....	24	23	23	47	50	-6.3	3.8	5.2
Hawaii.....	—	—	—	—	—	—	—	—
U.S. Total	135,218	161,276	137,467	296,494	289,854	2.3	58.3	56.4

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

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •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.

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	February 1997	January 1997	February 1996	Year to Date				
				Petroleum Generation			Share of Total (percent)	
				1997	1996	Difference (percent)	1997	1996
New England	1,846	2,485	1,197	4,331	2,612	65.8	34.3	18.1
Connecticut.....	702	953	351	1,655	659	151.2	68.5	13.8
Maine.....	41	107	37	147	203	-27.5	30.1	15.8
Massachusetts.....	1,000	1,269	690	2,270	1,482	53.1	40.9	32.6
New Hampshire.....	101	155	102	255	240	6.3	9.3	9.7
Rhode Island.....	1	1	16	2	26	-91.6	.4	5.9
Vermont.....	*	NM	NM	1	1	-28.3	.1	.1
Middle Atlantic	737	1,667	2,433	2,404	5,058	-52.5	4.7	9.9
New Jersey.....	14	73	146	87	314	-72.3	2.2	11.0
New York.....	623	1,284	1,748	1,907	3,682	-48.2	11.3	21.1
Pennsylvania.....	100	310	539	410	1,062	-61.4	1.3	3.4
East North Central	76	201	253	278	410	-32.3	.3	.4
Illinois.....	10	93	113	103	186	-44.5	.4	.7
Indiana.....	17	16	30	33	42	-22.8	.2	.2
Michigan.....	23	42	61	65	95	-31.5	.4	.6
Ohio.....	16	35	25	51	52	-1.4	.2	.2
Wisconsin.....	10	16	24	26	35	-26.8	.3	.4
West North Central	76	136	119	213	216	-1.3	.5	.5
Iowa.....	3	6	NM	9	6	60.2	.2	.1
Kansas.....	NM	36	44	38	50	-23.1	.6	.8
Minnesota.....	64	74	50	138	113	22.5	2.0	1.6
Missouri.....	3	7	13	10	22	-54.1	.1	.2
Nebraska.....	1	2	1	4	2	116.6	.1	*
North Dakota.....	2	10	8	12	23	-48.3	.2	.4
South Dakota.....	*	1	*	1	1	158.1	.1	*
South Atlantic	902	2,319	2,669	3,221	5,071	-36.5	3.2	4.9
Delaware.....	37	131	181	168	382	-55.9	12.9	28.7
District of Columbia.....	-1	-1	20	-1	47	NM	100.0	100.0
Florida.....	792	1,643	1,895	2,435	3,614	-32.6	11.8	16.1
Georgia.....	6	13	64	19	108	-82.7	.1	.7
Maryland.....	27	297	279	324	543	-40.4	4.2	6.4
North Carolina.....	16	26	44	41	74	-44.3	.2	.5
South Carolina.....	4	14	18	19	25	-23.9	.2	.2
Virginia.....	6	181	152	187	240	-22.1	1.9	2.5
West Virginia.....	15	15	17	30	39	-23.2	.2	.3
East South Central	237	466	423	703	643	9.3	1.3	1.2
Alabama.....	9	19	36	28	59	-52.4	.2	.3
Kentucky.....	8	9	23	18	37	-52.7	.1	.2
Mississippi.....	212	422	350	634	520	21.8	14.4	12.4
Tennessee.....	8	16	14	24	28	-12.3	.1	.2
West South Central	26	323	546	350	605	-42.2	.5	1.0
Arkansas.....	2	17	33	19	43	-54.4	.3	.6
Louisiana.....	18	230	159	249	170	46.1	2.6	2.1
Oklahoma.....	*	1	43	1	45	-98.3	*	.6
Texas.....	6	75	310	81	347	-76.7	.2	.8
Mountain	19	20	16	39	32	22.0	.1	.1
Arizona.....	6	6	4	12	8	52.0	.1	.1
Colorado.....	NM	NM	NM	3	2	11.6	*	*
Idaho.....	*	*	*	*	*	NM	*	*
Montana.....	1	2	1	3	2	24.7	.1	.1
Nevada.....	1	3	*	5	1	377.6	.2	*
New Mexico.....	2	2	3	4	6	-33.3	.1	.2
Utah.....	2	2	3	4	5	-21.0	.1	.1
Wyoming.....	5	3	3	8	7	15.4	.1	.1
Pacific Contiguous	2	6	86	8	402	-97.9	*	.8
California.....	1	4	85	5	399	-98.6	*	2.3
Oregon.....	*	1	—	1	1	-29.9	*	*
Washington.....	1	2	1	2	2	11.4	*	*
Pacific Noncontiguous	723	766	515	1,489	1,139	30.7	66.0	59.0
Alaska.....	NM	NM	NM	495	183	170.6	39.3	18.8
Hawaii.....	485	509	458	993	956	3.9	100.0	99.8
U.S. Total	4,644	8,392	8,257	13,036	16,188	-19.5	2.6	3.1

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

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

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •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.

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	February 1997	January 1997	February 1996	Year to Date				
				Gas Generation			Share of Total (percent)	
				1997	1996	Difference (percent)	1997	1996
New England	660	442	339	1,102	657	67.8	8.7	4.6
Connecticut.....	115	17	2	133	4	3296.2	5.5	.1
Maine.....	—	—	—	—	—	—	—	—
Massachusetts.....	282	154	146	436	241	81.3	7.9	5.3
New Hampshire.....	*	*	*	*	*	NM	*	*
Rhode Island.....	262	271	192	533	412	29.3	99.6	94.1
Vermont.....	—	—	—	—	—	NM	—	—
Middle Atlantic	1,263	563	481	1,826	1,073	70.2	3.6	2.1
New Jersey.....	87	67	146	154	384	-59.8	3.9	13.5
New York.....	1,147	470	324	1,618	646	150.4	9.6	3.7
Pennsylvania.....	29	25	11	54	43	24.4	.2	.1
East North Central	317	214	142	532	384	38.4	.6	.4
Illinois.....	109	79	31	188	116	61.7	.8	.5
Indiana.....	12	13	30	25	64	-60.2	.1	.3
Michigan.....	48	39	55	86	138	-37.5	.6	.8
Ohio.....	4	9	6	12	18	-30.6	.1	.1
Wisconsin.....	145	75	19	220	49	351.7	2.7	.5
West North Central	NM	96	94	152	269	-43.5	.4	.6
Iowa.....	15	16	8	31	19	60.0	.5	.3
Kansas.....	NM	NM	NM	61	176	-65.3	.9	2.9
Minnesota.....	7	32	15	40	34	15.5	.6	.5
Missouri.....	3	7	10	10	22	-56.1	.1	.2
Nebraska.....	6	2	NM	8	18	-52.5	.2	.4
North Dakota.....	*	*	*	*	*	NM	*	*
South Dakota.....	1	1	*	2	*	NM	.2	*
South Atlantic	2,121	1,526	1,737	3,647	3,905	-6.6	3.6	3.8
Delaware.....	261	226	119	487	310	57.1	37.4	23.3
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	1,846	1,259	1,551	3,105	3,388	-8.4	15.1	15.1
Georgia.....	2	3	2	5	3	90.8	*	*
Maryland.....	4	16	2	20	11	81.3	.3	.1
North Carolina.....	*	1	2	1	4	-76.1	*	*
South Carolina.....	*	1	*	1	1	165.5	*	*
Virginia.....	5	19	59	23	183	-87.2	.2	1.9
West Virginia.....	2	1	2	3	5	-29.0	*	*
East South Central	153	196	162	349	399	-12.4	.6	.7
Alabama.....	12	12	12	25	20	26.1	.1	.1
Kentucky.....	7	10	5	17	21	-17.0	.1	.1
Mississippi.....	133	174	145	308	358	-14.2	7.0	8.6
Tennessee.....	—	—	—	—	—	—	—	—
West South Central	6,964	8,570	8,199	15,534	17,413	-10.8	24.2	27.5
Arkansas.....	15	60	32	76	49	54.7	1.0	.7
Louisiana.....	1,207	1,931	1,366	3,138	2,784	12.7	33.3	33.6
Oklahoma.....	471	611	670	1,082	1,524	-29.0	14.9	20.8
Texas.....	5,270	5,967	6,130	11,238	13,056	-13.9	27.9	31.9
Mountain	349	406	448	756	999	-24.3	1.7	2.4
Arizona.....	28	25	44	53	140	-62.2	.4	1.3
Colorado.....	17	29	20	46	33	39.1	.8	.6
Idaho.....	—	—	—	—	—	—	—	—
Montana.....	2	5	2	7	5	46.6	.2	.1
Nevada.....	103	131	239	233	543	-57.0	7.5	18.9
New Mexico.....	191	208	135	399	261	53.0	7.9	7.0
Utah.....	NM	NM	NM	15	16	-6.7	.3	.3
Wyoming.....	1	1	*	2	1	79.1	*	*
Pacific Contiguous	1,327	1,602	1,477	2,929	3,764	-22.2	6.5	7.9
California.....	1,327	1,561	1,474	2,887	3,755	-23.1	17.7	21.8
Oregon.....	—	40	*	40	*	NM	.4	*
Washington.....	*	2	3	2	9	-81.0	*	*
Pacific Noncontiguous	245	312	251	557	527	5.6	24.7	27.3
Alaska.....	245	312	251	557	527	5.6	44.2	54.2
Hawaii.....	—	—	—	—	—	—	—	—
U.S. Total	13,455	13,927	13,330	27,383	29,389	-6.8	5.4	5.7

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

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

Notes: *Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. *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.

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	February 1997	January 1997	February 1996	Year to Date				
				Hydroelectric Generation			Share of Total (percent)	
				1997	1996	Difference (percent)	1997	1996
New England.....	403	525	499	928	935	-0.8	7.3	6.5
Connecticut.....	35	57	50	92	88	3.9	3.8	1.9
Maine.....	165	177	182	343	358	-4.2	69.9	27.8
Massachusetts.....	49	65	38	115	60	91.3	2.1	1.3
New Hampshire.....	74	116	119	190	241	-20.9	6.9	9.7
Rhode Island.....	—	—	—	—	—	—	—	—
Vermont.....	79	109	109	188	189	-3	19.6	19.5
Middle Atlantic.....	2,335	2,461	2,229	4,796	4,232	13.3	9.3	8.3
New Jersey.....	-7	-6	-7	-13	-12	NM	-3	-4
New York.....	2,197	2,352	2,068	4,549	4,045	12.5	26.9	23.2
Pennsylvania.....	145	115	168	260	199	30.7	.9	.6
East North Central.....	330	359	278	689	574	20.1	.8	.6
Illinois.....	1	1	4	2	7	-69.4	*	*
Indiana.....	40	53	29	93	59	56.2	.5	.3
Michigan.....	82	70	70	152	136	12.2	1.0	.8
Ohio.....	33	49	20	83	50	65.0	.3	.2
Wisconsin.....	175	184	156	359	322	11.7	4.5	3.6
West North Central.....	945	1,057	849	2,002	1,786	12.1	4.7	4.3
Iowa.....	75	85	80	160	155	3.5	2.8	2.5
Kansas.....	—	—	—	—	—	—	—	—
Minnesota.....	54	59	84	113	140	-19.5	1.6	2.0
Missouri.....	152	126	40	277	66	322.7	2.3	.6
Nebraska.....	104	118	105	223	202	10.5	4.4	4.2
North Dakota.....	181	216	188	396	407	-2.6	7.9	7.9
South Dakota.....	379	453	352	833	817	1.9	61.5	59.7
South Atlantic.....	1,500	1,420	2,181	2,920	3,582	-18.5	2.9	3.5
Delaware.....	—	—	—	—	—	—	—	—
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	20	17	15	37	37	-1.2	.2	.2
Georgia.....	430	407	718	837	1,202	-30.4	5.4	7.9
Maryland.....	200	161	217	361	376	-4.0	4.7	4.4
North Carolina.....	424	486	635	910	1,047	-13.1	4.9	6.4
South Carolina.....	294	234	427	529	699	-24.4	4.5	5.0
Virginia.....	90	75	122	165	133	24.2	1.7	1.4
West Virginia.....	42	39	46	81	87	-7.1	.5	.6
East South Central.....	2,445	3,064	2,851	5,509	5,694	-3.2	10.1	10.3
Alabama.....	1,247	1,508	1,511	2,755	2,923	-5.7	15.0	14.6
Kentucky.....	357	415	328	772	690	11.9	5.1	4.4
Mississippi.....	—	—	—	—	—	—	—	—
Tennessee.....	841	1,140	1,012	1,982	2,081	-4.8	12.2	13.8
West South Central.....	669	563	228	1,232	499	146.9	1.9	.8
Arkansas.....	328	350	114	677	249	172.2	9.3	3.7
Louisiana.....	—	—	—	—	—	—	—	—
Oklahoma.....	197	128	55	325	141	130.4	4.5	1.9
Texas.....	144	86	60	229	109	110.4	.6	.3
Mountain.....	3,898	3,721	3,272	7,619	6,840	11.4	16.9	16.5
Arizona.....	1,042	922	710	1,963	1,458	34.7	16.2	13.7
Colorado.....	139	132	87	271	198	37.0	4.9	3.6
Idaho.....	1,271	1,162	1,191	2,432	2,282	6.6	100.0	100.0
Montana.....	1,062	1,215	964	2,276	2,349	-3.1	53.3	54.4
Nevada.....	211	132	161	343	257	33.9	11.1	8.9
New Mexico.....	14	5	18	19	32	-41.3	.4	.9
Utah.....	98	94	84	192	161	18.8	3.4	3.0
Wyoming.....	62	60	58	123	104	18.0	1.8	1.6
Pacific Contiguous.....	17,282	17,835	17,428	35,116	34,443	2.0	78.1	72.6
California.....	3,980	4,164	3,954	8,144	6,194	31.5	49.9	35.9
Oregon.....	4,337	4,528	4,186	8,865	8,992	-1.4	98.7	100.1
Washington.....	8,965	9,143	9,289	18,108	19,256	-6.0	88.5	87.8
Pacific Noncontiguous.....	76	86	94	161	215	-24.8	7.2	11.1
Alaska.....	75	86	93	161	213	-24.5	12.8	21.9
Hawaii.....	*	*	1	*	2	NM	*	.2
U.S. Total.....	29,882	31,090	29,909	60,972	58,799	3.7	12.0	11.4

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

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

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Pumping energy used at pumped storage plants for February 1997 was 1,681 million kilowatthours. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding.

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	February 1997	January 1997	February 1996	Year to Date				
				Nuclear Generation			Share of Total (percent)	
				1997	1996	Difference (percent)	1997	1996
New England.....	1,316	1,706	3,501	3,022	7,258	-58.4	23.9	50.4
Connecticut.....	-10	-11	1,596	-21	3,532	NM	-9	74.1
Maine.....	—	—	508	—	725	—	—	56.4
Massachusetts.....	190	461	464	651	923	-29.5	11.7	20.3
New Hampshire.....	781	864	566	1,645	1,317	24.9	59.6	53.2
Rhode Island.....	—	—	—	—	—	—	—	—
Vermont.....	355	392	368	748	761	-1.8	77.7	78.3
Middle Atlantic.....	8,644	10,696	8,248	19,340	18,195	6.3	37.6	35.6
New Jersey.....	1,128	1,250	413	2,378	825	188.1	60.4	29.0
New York.....	2,242	3,098	2,285	5,340	5,256	1.6	31.5	30.2
Pennsylvania.....	5,274	6,348	5,550	11,621	12,113	-4.1	38.0	39.3
East North Central.....	7,755	9,132	10,767	16,887	23,458	-28.0	18.9	25.0
Illinois.....	4,710	5,668	6,521	10,378	14,372	-27.8	43.7	56.6
Indiana.....	—	—	—	—	—	—	—	—
Michigan.....	1,500	1,752	2,621	3,251	5,143	-36.8	22.4	30.8
Ohio.....	1,373	1,381	610	2,754	1,843	49.4	11.4	7.7
Wisconsin.....	172	331	1,016	504	2,101	-76.0	6.3	23.3
West North Central.....	3,459	4,076	2,706	7,535	6,458	16.7	17.5	15.4
Iowa.....	338	308	355	646	735	-12.2	11.1	11.9
Kansas.....	799	886	-16	1,685	812	107.5	25.2	13.3
Minnesota.....	730	1,090	702	1,821	1,550	17.5	25.8	22.2
Missouri.....	753	875	792	1,629	1,632	-2	13.5	14.3
Nebraska.....	838	917	872	1,755	1,729	1.5	34.8	35.9
North Dakota.....	—	—	—	—	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—
South Atlantic.....	14,146	15,327	14,500	29,473	30,458	-3.2	29.3	29.6
Delaware.....	—	—	—	—	—	—	—	—
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	2,056	2,289	2,206	4,345	4,494	-3.3	21.1	20.1
Georgia.....	2,635	2,913	2,556	5,548	5,382	3.1	35.9	35.5
Maryland.....	1,112	1,281	1,126	2,393	2,406	-5	31.2	28.2
North Carolina.....	2,725	3,465	2,695	6,189	5,124	20.8	33.2	31.3
South Carolina.....	3,456	2,964	4,077	6,420	8,778	-26.9	54.8	62.2
Virginia.....	2,162	2,416	1,840	4,579	4,274	7.1	46.7	44.4
West Virginia.....	—	—	—	—	—	—	—	—
East South Central.....	5,213	5,973	4,980	11,186	10,307	8.5	20.6	18.7
Alabama.....	2,121	2,680	2,530	4,801	5,326	-9.9	26.2	26.7
Kentucky.....	—	—	—	—	—	—	—	—
Mississippi.....	849	942	849	1,791	1,764	1.5	40.6	42.2
Tennessee.....	2,242	2,352	1,601	4,595	3,217	42.8	28.2	21.4
West South Central.....	5,144	6,107	5,148	11,252	9,944	13.1	17.5	15.7
Arkansas.....	1,171	1,297	1,183	2,468	2,455	.5	33.8	36.3
Louisiana.....	1,388	1,505	1,097	2,893	1,958	47.8	30.7	23.6
Oklahoma.....	—	—	—	—	—	—	—	—
Texas.....	2,585	3,305	2,868	5,890	5,532	6.5	14.6	13.5
Mountain.....	2,243	2,807	2,443	5,051	5,136	-1.7	11.2	12.4
Arizona.....	2,243	2,807	2,443	5,051	5,136	-1.7	41.7	48.2
Colorado.....	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—
Nevada.....	—	—	—	—	—	—	—	—
New Mexico.....	—	—	—	—	—	—	—	—
Utah.....	—	—	—	—	—	—	—	—
Wyoming.....	—	—	—	—	—	—	—	—
Pacific Contiguous.....	2,738	3,088	3,634	5,827	7,654	-23.9	13.0	16.1
California.....	2,152	2,406	3,001	4,558	6,222	-26.7	28.0	36.1
Oregon.....	—	—	—	—	—	—	—	—
Washington.....	587	682	633	1,268	1,433	-11.5	6.2	6.5
Pacific Noncontiguous.....	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—
U.S. Total.....	50,658	58,914	55,928	109,572	118,869	-7.8	21.5	23.1

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

Notes: *Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. *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.

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	February 1997	January 1997	February 1996	Year to Date				
				Other Generation			Share of Total (percent)	
				1997	1996	Difference (percent)	1997	1996
New England	—	—	—	—	—	—	—	—
Connecticut.....	28	35	32	63	61	3.6	2.6	1.3
Maine.....	—	—	—	—	—	—	—	—
Massachusetts.....	—	—	—	—	—	—	—	—
New Hampshire.....	—	—	—	—	—	—	—	—
Rhode Island.....	—	—	—	—	—	—	—	—
Vermont.....	10	15	7	25	20	24.0	2.6	2.1
Middle Atlantic	—	—	—	—	—	—	—	—
New Jersey.....	—	—	—	—	—	—	—	—
New York.....	4	5	2	9	3	196.0	.1	*
Pennsylvania.....	—	—	—	—	—	—	—	—
East North Central	—	—	—	—	—	—	—	—
Illinois.....	15	8	15	24	15	59.7	.1	.1
Indiana.....	—	—	—	—	—	—	—	—
Michigan.....	—	—	—	—	—	—	—	—
Ohio.....	—	—	—	—	—	—	—	—
Wisconsin.....	24	20	23	44	52	-16.0	.5	.6
West North Central	—	—	—	—	—	—	—	—
Iowa.....	2	2	2	3	3	4.7	.1	.1
Kansas.....	—	—	*	—	*	—	—	*
Minnesota.....	31	28	29	59	61	-3.5	.8	.9
Missouri.....	4	2	3	6	7	-23.4	*	.1
Nebraska.....	—	1	1	1	2	-60.3	*	*
North Dakota.....	—	—	—	—	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—
South Atlantic	—	—	—	—	—	—	—	—
Delaware.....	—	—	—	—	—	—	—	—
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	—	—	—	—	—	—	—	—
Georgia.....	—	—	—	—	—	—	—	—
Maryland.....	—	—	—	—	—	—	—	—
North Carolina.....	—	—	—	—	—	—	—	—
South Carolina.....	—	—	—	—	—	—	—	—
Virginia.....	—	—	—	—	—	—	—	—
West Virginia.....	—	—	—	—	—	—	—	—
East South Central	—	—	—	—	—	—	—	—
Alabama.....	—	—	—	—	—	—	—	—
Kentucky.....	—	—	—	—	—	—	—	—
Mississippi.....	—	—	—	—	—	—	—	—
Tennessee.....	—	—	—	—	—	—	—	—
West South Central	—	—	—	—	—	—	—	—
Arkansas.....	—	—	—	—	—	—	—	—
Louisiana.....	—	—	—	—	—	—	—	—
Oklahoma.....	—	—	—	—	—	—	—	—
Texas.....	*	*	*	*	*	NM	*	*
Mountain	—	—	—	—	—	—	—	—
Arizona.....	—	—	—	—	—	—	—	—
Colorado.....	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—
Nevada.....	—	—	—	—	—	—	—	—
New Mexico.....	—	—	—	—	—	—	—	—
Utah.....	14	17	15	31	32	-1.7	.6	.6
Wyoming.....	—	—	—	—	—	—	—	—
Pacific Contiguous	—	—	—	—	—	—	—	—
California.....	305	406	348	711	687	3.4	4.4	4.0
Oregon.....	—	—	—	—	—	—	—	—
Washington.....	21	37	23	59	57	3.0	.3	.3
Pacific Noncontiguous	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—
U.S. Total	458	577	498	1,034	1,000	3.4	.2	.2

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

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

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •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.

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

U.S. Electric Utility Consumption of Fossil Fuels

*Coal is consumed by more than
500 electric utility plants in
the United States.*

Table 14. U.S. Electric Utility Consumption of Fossil Fuels, 1987 Through February 1997

Period	Coal (thousand short tons)				Petroleum (thousand barrels)			Petroleum Coke (thousand short tons)	Gas (thousand Mcf)
	Anthracite ¹	Bituminous ²	Lignite	Total	Light	Heavy	Total		
1987.....	972	647,824	69,098	717,894	15,367	184,011	199,378	348	2,844,051
1988.....	1,063	681,048	76,260	758,372	18,769	229,327	248,096	409	2,635,613
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									
January.....	75	64,253	7,103	71,431	1,057	5,955	7,012	64	198,669
February.....	82	57,970	5,729	63,782	1,316	10,457	11,773	61	168,274
March.....	83	57,795	5,692	63,569	907	4,276	5,183	52	245,111
April.....	77	53,889	5,144	59,110	918	4,673	5,591	36	228,889
May.....	86	57,067	5,502	62,655	1,133	6,121	7,255	59	257,620
June.....	72	62,422	6,849	69,342	1,195	6,262	7,457	68	297,007
July.....	67	72,082	7,539	79,688	1,879	10,507	12,385	57	406,758
August.....	79	76,043	7,599	83,720	2,853	11,446	14,299	80	468,021
September.....	87	61,631	6,906	68,624	903	6,964	7,867	66	316,096
October.....	86	59,747	6,492	66,326	932	4,747	5,680	74	239,680
November.....	93	60,843	6,249	67,185	1,051	4,812	5,863	83	197,926
December.....	93	66,206	7,275	73,574	1,421	10,364	11,785	62	172,457
Total.....	978	749,950	78,078	829,007	15,565	86,584	102,150	761	3,196,507
1996									
January.....	87	69,439	7,282	76,808	2,098	11,410	13,508	62	168,455
February.....	79	62,538	6,470	69,086	2,562	11,857	14,419	47	136,572
March.....	88	62,525	6,439	69,052	1,707	8,782	10,489	39	156,120
April.....	77	57,241	5,032	62,351	1,071	4,344	5,415	44	169,550
May.....	87	61,303	5,981	67,371	1,360	5,256	6,616	49	264,216
June.....	86	66,616	6,759	73,461	1,087	8,353	9,440	48	299,454
July.....	89	73,025	7,204	80,318	1,364	11,444	12,807	71	357,604
August.....	97	74,145	7,120	81,362	1,130	9,031	10,161	86	367,059
September.....	97	65,529	6,325	71,951	1,553	6,821	8,374	71	284,758
October.....	66	65,249	6,309	71,625	1,477	4,509	5,986	59	226,394
November.....	63	67,078	6,409	73,549	1,447	6,054	7,501	51	169,879
December.....	92	70,597	7,091	77,780	1,856	8,520	10,376	55	132,434
Total.....	1,009	795,284	78,421	874,714	18,712	96,381	115,093	681	2,732,496
1997									
January.....	97	73,996	7,083	81,175	2,052	11,935	13,987	56	139,104
February.....	86	61,630	6,204	67,920	1,195	6,283	7,477	55	142,984
Total.....	182	135,625	13,287	149,094	3,246	18,218	21,464	111	282,088
Year to Date									
1997.....	182	135,625	13,287	149,094	3,246	18,218	21,464	111	282,088
1996.....	166	131,977	13,751	145,894	4,660	23,267	27,927	109	305,027
1995.....	157	122,223	12,833	135,213	2,373	16,412	18,786	125	366,942

¹ Includes anthracite silt stored off-site.

² Includes subbituminous coal.

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Data for 1995 and prior years are final. •As of 1996, values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •Totals may not equal sum of components because of independent rounding. •Mcf=thousand cubic feet.

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	February 1997	January 1997	February 1996	Year to Date		
				1997	1996	Difference (percent)
ECAR.....	16,274	19,464	17,252	35,738	36,217	-1.3
ERCOT.....	5,676	6,906	5,842	12,582	12,767	-1.5
MAAC.....	3,256	3,891	3,505	7,147	7,182	-.5
MAIN.....	6,148	7,249	5,548	13,397	11,602	15.5
MAPP (U.S.).....	6,494	7,381	6,764	13,875	14,182	-2.2
NPCC (U.S.).....	1,417	1,749	1,479	3,166	3,085	2.6
SERC.....	11,004	13,427	12,978	24,431	27,872	-12.3
FRCC.....	1,776	2,169	—	3,945	—	NM
SPP.....	8,128	9,674	8,599	17,802	17,700	.6
WSCC (U.S.).....	7,721	9,244	7,096	16,965	15,238	11.3
Contiguous U.S.....	67,896	81,152	69,063	149,048	145,844	2.2
ASCC.....	24	23	23	47	50	-5.9
Hawaii.....	—	—	—	—	—	—
U.S. Total.....	67,920	81,175	69,086	149,094	145,894	2.2

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: •Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •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.

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	February 1997	January 1997	February 1996	Year to Date		
				1997	1996	Difference (percent)
ECAR.....	170	255	352	425	612	-30.5
ERCOT.....	8	132	545	140	611	-77.1
MAAC.....	282	1,424	2,134	1,706	4,253	-59.9
MAIN.....	30	262	385	292	524	-44.2
MAPP (U.S.).....	30	81	44	111	111	.1
NPCC (U.S.).....	3,876	6,081	4,992	9,957	10,619	-6.2
SERC.....	110	493	3,809	602	7,076	-91.5
FRCC.....	1,247	2,676	—	3,923	—	NM
SPP.....	365	1,141	1,055	1,506	1,400	7.6
WSCC (U.S.).....	41	55	179	95	682	-86.0
Contiguous U.S.....	6,159	12,600	13,495	18,759	25,888	-27.5
ASCC.....	471	499	126	970	373	160.1
Hawaii.....	847	888	798	1,735	1,667	4.1
U.S. Total.....	7,477	13,987	14,419	21,464	27,927	-23.1

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

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •Totals may not equal sum of components because of independent rounding.

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	February 1997	January 1997	February 1996	Year to Date		
				1997	1996	Difference (percent)
ECAR.....	2,692	2,279	2,747	4,971	6,520	-23.8
ERCOT.....	42,606	49,497	48,186	92,103	100,176	-8.1
MAAC.....	3,402	2,928	2,366	6,330	7,598	-16.7
MAIN.....	3,518	2,387	653	5,905	2,292	157.6
MAPP (U.S.).....	504	1,126	566	1,630	1,313	24.2
NPCC (U.S.).....	18,132	8,679	6,381	26,810	12,549	113.6
SERC.....	2,690	3,197	16,980	5,888	37,018	-84.1
FRCC.....	16,988	10,443	—	27,431	—	NM
SPP.....	31,527	32,583	34,749	64,110	79,622	-19.5
WSCC (U.S.).....	18,487	22,767	21,370	41,254	52,525	-21.5
Contiguous U.S.	140,546	135,884	133,998	276,431	299,614	-7.7
ASCC.....	2,438	3,220	2,574	5,657	5,414	4.5
Hawaii.....	—	—	—	—	—	—
U.S. Total.....	142,984	139,104	136,572	282,088	305,027	-7.5

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

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •Totals may not equal sum of components because of independent rounding.

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	February 1997	January 1997	February 1996	Year to Date		
				1997	1996	Difference (percent)
New England	595	707	553	1,303	1,156	12.7
Connecticut.....	91	101	82	192	163	18.1
Maine.....	—	—	—	—	—	—
Massachusetts.....	384	452	336	836	710	17.7
New Hampshire.....	120	155	135	274	283	-3.0
Rhode Island.....	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—
Middle Atlantic	4,159	5,102	4,425	9,261	9,087	1.9
New Jersey.....	237	298	242	535	538	-6
New York.....	637	793	730	1,430	1,510	-5.3
Pennsylvania.....	3,285	4,011	3,453	7,296	7,039	3.6
East North Central	15,826	18,700	15,910	34,526	33,321	3.6
Illinois.....	3,195	3,808	2,710	7,003	5,665	23.6
Indiana.....	4,262	5,013	4,388	9,275	9,305	-3
Michigan.....	2,418	2,896	2,548	5,314	5,368	-1.0
Ohio.....	4,124	4,794	4,456	8,918	9,215	-3.2
Wisconsin.....	1,826	2,190	1,808	4,016	3,769	6.6
West North Central	9,946	11,609	10,471	21,555	21,677	-6
Iowa.....	1,452	1,666	1,647	3,117	3,372	-7.6
Kansas.....	1,386	1,758	1,594	3,144	3,227	-2.6
Minnesota.....	1,461	1,729	1,482	3,190	3,222	-1.0
Missouri.....	2,690	3,192	2,760	5,883	5,648	4.2
Nebraska.....	880	1,053	850	1,933	1,786	8.2
North Dakota.....	1,913	2,061	1,981	3,974	4,086	-2.7
South Dakota.....	164	149	157	313	336	-6.7
South Atlantic	11,119	13,761	11,443	24,880	24,280	2.5
Delaware.....	143	140	153	283	275	2.9
District of Columbia.....	—	—	—	—	—	—
Florida.....	1,952	2,406	2,078	4,359	4,346	.3
Georgia.....	1,942	2,423	1,898	4,365	4,152	5.1
Maryland.....	794	949	976	1,743	1,964	-11.2
North Carolina.....	1,932	2,504	1,774	4,437	3,923	13.1
South Carolina.....	787	1,057	847	1,844	1,784	3.4
Virginia.....	860	1,035	931	1,895	1,921	-1.4
West Virginia.....	2,709	3,245	2,787	5,954	5,916	.7
East South Central	7,223	8,583	7,553	15,806	16,216	-2.5
Alabama.....	2,152	2,615	2,265	4,767	4,951	-3.7
Kentucky.....	2,829	3,446	3,039	6,274	6,558	-4.3
Mississippi.....	377	408	342	785	691	13.7
Tennessee.....	1,865	2,115	1,907	3,980	4,017	-9
West South Central	10,869	12,953	11,120	23,822	23,819	*
Arkansas.....	1,016	1,308	1,183	2,324	2,314	.4
Louisiana.....	989	1,123	1,010	2,113	2,256	-6.3
Oklahoma.....	1,685	1,863	1,592	3,548	3,399	4.4
Texas.....	7,178	8,658	7,335	15,837	15,851	-1
Mountain	7,835	9,285	7,258	17,120	15,467	10.7
Arizona.....	1,165	1,422	867	2,587	2,048	26.3
Colorado.....	1,241	1,496	1,279	2,737	2,805	-2.4
Idaho.....	—	—	—	—	—	—
Montana.....	672	684	535	1,357	1,272	6.7
Nevada.....	550	746	574	1,297	1,033	25.6
New Mexico.....	1,218	1,487	1,051	2,705	2,009	34.6
Utah.....	1,092	1,300	1,044	2,392	2,231	7.2
Wyoming.....	1,897	2,149	1,908	4,046	4,068	-5
Pacific Contiguous	324	451	331	776	820	-5.4
California.....	—	—	—	—	—	—
Oregon.....	—	50	—	50	—	NM
Washington.....	324	401	331	726	820	-11.5
Pacific Noncontiguous	24	23	23	47	50	-5.9
Alaska.....	24	23	23	47	50	-5.9
Hawaii.....	—	—	—	—	—	—
U.S. Total	67,920	81,175	69,086	149,094	145,894	2.2

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

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

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •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.

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	February 1997	January 1997	February 1996	Year to Date		
				1997	1996	Difference (percent)
New England	2,813	3,932	2,052	6,745	4,430	52.3
Connecticut.....	1,182	1,599	625	2,780	1,156	140.4
Maine.....	78	192	76	270	365	-26.0
Massachusetts.....	1,379	1,874	1,153	3,253	2,450	32.8
New Hampshire.....	172	263	179	435	427	2.0
Rhode Island.....	2	2	15	3	26	-87.0
Vermont.....	1	3	4	4	6	-43.1
Middle Atlantic	1,227	2,783	4,225	4,010	8,690	-53.9
New Jersey.....	22	103	298	124	604	-79.4
New York.....	1,064	2,154	2,938	3,218	6,185	-48.0
Pennsylvania.....	141	527	989	668	1,902	-64.9
East North Central	157	471	648	628	965	-34.9
Illinois.....	21	237	346	258	469	-44.9
Indiana.....	20	29	61	49	86	-43.0
Michigan.....	75	113	142	188	240	-21.7
Ohio.....	32	70	66	102	127	-19.8
Wisconsin.....	8	23	34	31	43	-28.3
West North Central	39	161	154	199	258	-22.7
Iowa.....	10	16	6	27	18	50.6
Kansas.....	6	71	83	77	99	-21.6
Minnesota.....	5	24	10	29	29	-2.1
Missouri.....	9	21	36	30	64	-52.4
Nebraska.....	4	6	2	10	5	114.1
North Dakota.....	4	18	15	22	41	-46.8
South Dakota.....	1	4	2	5	3	40.4
South Atlantic	1,467	3,917	4,559	5,384	8,694	-38.1
Delaware.....	67	214	293	281	643	-56.3
District of Columbia.....	2	5	48	7	112	-93.9
Florida.....	1,248	2,676	3,110	3,923	5,951	-34.1
Georgia.....	14	25	144	39	238	-83.5
Maryland.....	58	582	521	640	1,023	-37.4
North Carolina.....	34	67	108	101	177	-43.1
South Carolina.....	10	35	50	44	69	-36.1
Virginia.....	10	290	258	299	403	-25.8
West Virginia.....	25	24	27	49	78	-37.5
East South Central	375	726	679	1,102	1,057	4.2
Alabama.....	16	40	69	56	114	-50.5
Kentucky.....	17	20	51	37	84	-56.6
Mississippi.....	329	637	531	965	808	19.4
Tennessee.....	14	29	28	43	51	-14.3
West South Central	39	551	997	590	1,106	-46.6
Arkansas.....	4	30	61	35	77	-55.1
Louisiana.....	25	376	301	401	320	25.2
Oklahoma.....	*	1	81	1	85	-98.4
Texas.....	10	144	554	154	624	-75.4
Mountain	36	45	34	81	64	26.0
Arizona.....	11	11	8	22	15	45.0
Colorado.....	3	5	6	8	8	5.6
Idaho.....	*	*	*	*	*	NM
Montana.....	2	5	2	7	5	36.7
Nevada.....	4	10	1	14	3	355.6
New Mexico.....	4	3	6	8	11	-30.3
Utah.....	4	3	5	8	9	-19.8
Wyoming.....	8	6	7	15	13	13.3
Pacific Contiguous	8	15	147	22	622	-96.4
California.....	6	10	144	16	617	-97.4
Oregon.....	*	1	*	2	1	17.5
Washington.....	1	4	2	5	4	15.4
Pacific Noncontiguous	1,316	1,386	924	2,703	2,040	32.5
Alaska.....	470	498	126	969	373	159.7
Hawaii.....	846	888	798	1,734	1,667	4.0
U.S. Total	7,477	13,987	14,419	21,464	27,927	-23.1

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

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

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Data do not include petroleum coke. •The February 1997 petroleum coke consumption was 55,392 short tons.

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	February 1997	January 1997	February 1996	Year to Date		
				1997	1996	Difference (percent)
New England	6,017	3,851	2,986	9,869	5,638	75.0
Connecticut.....	1,208	192	27	1,400	53	2560.8
Maine.....	—	—	—	—	—	—
Massachusetts.....	2,785	1,570	1,435	4,355	2,387	82.4
New Hampshire.....	*	*	*	*	1	-20.6
Rhode Island.....	2,021	2,088	1,523	4,109	3,197	28.5
Vermont.....	2	2	—	4	1	483.2
Middle Atlantic	13,456	5,850	4,803	19,307	10,832	78.2
New Jersey.....	1,023	746	1,291	1,769	3,462	-48.9
New York.....	12,117	4,823	3,392	16,940	6,907	145.3
Pennsylvania.....	316	281	120	598	464	28.9
East North Central	6,044	4,563	3,333	10,607	8,606	23.3
Illinois.....	1,679	1,201	421	2,881	1,717	67.8
Indiana.....	137	147	337	284	710	-60.0
Michigan.....	2,375	1,916	2,214	4,292	5,195	-17.4
Ohio.....	71	124	90	195	277	-29.6
Wisconsin.....	1,782	1,174	271	2,956	707	318.1
West North Central	913	1,610	1,286	2,524	3,530	-28.5
Iowa.....	231	261	162	492	338	45.7
Kansas.....	NM	NM	701	956	2,269	-57.9
Minnesota.....	124	658	200	782	428	82.5
Missouri.....	53	86	134	138	280	-50.5
Nebraska.....	78	31	80	109	203	-46.1
North Dakota.....	—	—	—	—	*	NM
South Dakota.....	19	26	10	46	11	301.5
South Atlantic	19,215	12,659	15,551	31,874	35,498	-10.2
Delaware.....	2,069	1,746	939	3,815	3,596	6.1
District of Columbia.....	—	—	—	—	—	—
Florida.....	17,001	10,485	13,992	27,486	30,089	-8.7
Georgia.....	18	42	15	59	29	106.4
Maryland.....	47	185	69	232	178	30.7
North Carolina.....	9	*	9	9	44	-79.9
South Carolina.....	4	11	5	15	10	61.9
Virginia.....	44	178	505	221	1,504	-85.3
West Virginia.....	23	12	16	36	49	-27.1
East South Central	2,952	3,443	3,019	6,395	7,164	-10.7
Alabama.....	156	125	125	281	217	29.9
Kentucky.....	80	111	56	191	242	-21.2
Mississippi.....	2,717	3,207	2,838	5,923	6,705	-11.7
Tennessee.....	—	—	—	—	—	—
West South Central	73,589	81,626	82,871	155,215	177,786	-12.7
Arkansas.....	NM	626	NM	843	691	22.0
Louisiana.....	13,608	14,747	14,146	28,355	29,009	-2.3
Oklahoma.....	4,867	6,260	6,910	11,128	15,520	-28.3
Texas.....	54,897	59,992	61,382	114,889	132,567	-13.3
Mountain	4,126	4,455	4,383	8,581	10,785	-20.4
Arizona.....	358	319	550	677	1,576	-57.0
Colorado.....	261	398	305	659	498	32.5
Idaho.....	—	—	—	—	—	—
Montana.....	27	64	23	91	66	37.9
Nevada.....	1,363	1,468	2,488	2,831	5,601	-49.5
New Mexico.....	1,991	2,059	861	4,050	2,744	47.6
Utah.....	NM	NM	NM	256	289	-11.2
Wyoming.....	7	9	5	16	12	38.5
Pacific Contiguous	14,233	17,825	15,768	32,058	39,776	-19.4
California.....	14,231	17,524	15,742	31,754	39,684	-20.0
Oregon.....	—	295	—	295	—	NM
Washington.....	2	6	26	8	91	-90.8
Pacific Noncontiguous	2,439	3,220	2,573	5,659	5,412	4.6
Alaska.....	2,439	3,220	2,573	5,659	5,412	4.6
Hawaii.....	—	—	—	—	—	—
U.S. Total	142,984	139,104	136,572	282,088	305,027	-7.5

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

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

Notes: *Estimates for 1997 are preliminary and for 1996 are final. Data for 1995 and prior year are final. *As of 1996, values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. *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

*Stocks of coal on hand at
electric utility plants.*

Table 21. U.S. Electric Utility Stocks of Coal and Petroleum, 1987 Through February 1997

Period	Coal (thousand short tons)				Petroleum (thousand barrels)			Petroleum Coke (thousand short tons)
	Anthracite ¹	Bituminous ²	Lignite	Total	Light	Heavy	Total	
1987	6,940	156,670	7,187	170,797	15,759	55,069	70,827	51
1988	6,561	133,434	6,512	146,507	15,099	54,187	69,285	86
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								
January	4,849	114,978	6,309	126,136	16,298	45,036	61,334	75
February	4,791	118,668	6,286	129,745	16,016	39,922	55,937	95
March	4,748	124,915	6,115	135,778	15,608	41,032	56,641	128
April	4,711	131,439	6,215	142,365	15,447	38,859	54,306	162
May	4,656	136,845	6,369	147,869	15,574	38,280	53,854	173
June	4,634	132,567	6,184	143,385	15,793	39,810	55,603	144
July	4,608	119,991	5,712	130,311	15,589	37,561	53,151	117
August	4,591	111,183	5,412	121,185	15,454	35,135	50,589	98
September	4,551	113,604	5,073	123,227	15,340	37,397	52,737	90
October	4,514	117,156	5,145	126,814	15,569	37,861	53,429	71
November	4,396	120,042	5,238	129,676	15,466	38,916	54,383	42
December	4,325	116,749	5,231	126,304	15,392	35,102	50,495	65
1996								
January	4,243	107,138	5,334	116,715	14,862	35,290	50,153	61
February	4,090	106,053	5,646	115,789	14,308	30,718	45,026	57
March	4,128	108,083	5,579	117,790	13,548	29,035	42,583	53
April	4,080	115,990	5,980	126,050	13,332	31,686	45,019	47
May	4,026	120,877	5,800	130,703	13,331	32,430	45,761	38
June	3,969	117,678	5,487	127,134	14,054	32,116	46,170	64
July	3,911	110,959	5,445	120,315	14,365	31,877	46,243	47
August	3,853	108,643	5,408	117,904	14,466	32,716	47,182	35
September	3,792	110,375	5,305	119,472	14,194	31,490	45,684	27
October	3,765	113,661	5,327	122,753	14,498	33,269	47,767	45
November	3,762	111,365	5,384	120,511	14,615	33,108	47,723	62
December	3,687	105,807	5,129	114,623	15,019	32,473	47,492	91
1997								
January	3,609	96,538	4,969	105,116	14,862	29,727	44,590	136
February	3,544	98,810	5,391	107,745	14,876	31,282	46,157	159

¹ Anthracite includes anthracite silt stored off-site.

² Bituminous coal includes subbituminous coal.

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Data for 1995 and prior years are final. •As of 1996, values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •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.

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	February 1997	January 1997	February 1996	Monthly Difference (percent)	Yearly Difference (percent)
ECAR.....	23,860	23,599	27,986	1.1	-14.7
ERCOT.....	6,910	6,852	7,456	.8	-7.3
MAAC.....	8,756	8,459	8,142	3.5	7.5
MAIN.....	10,180	9,793	9,284	3.9	9.7
MAPP (U.S.).....	9,716	8,732	10,023	11.3	-3.1
NPCC (U.S.).....	2,019	2,016	1,760	.2	14.8
SERC.....	15,511	14,553	17,886	6.6	-13.3
FRCC.....	2,954	2,749	—	7.5	NM
SPP.....	16,386	17,118	18,193	-4.3	-9.9
WSCC (U.S.).....	11,453	11,243	15,059	1.9	-23.9
Contiguous U.S.	107,744	105,115	115,788	2.5	-6.9
ASCC.....	1	1	1	—	—
Hawaii.....	—	—	—	—	—
U.S. Total.....	107,745	105,116	115,789	2.5	-6.9

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

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •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.

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	February 1997	January 1997	February 1996	Monthly Difference (percent)	Yearly Difference (percent)
ECAR.....	1,539	1,535	1,509	0.3	2.0
ERCOT.....	3,930	4,046	4,011	-2.8	-2.0
MAAC.....	5,152	4,902	5,910	5.1	-12.8
MAIN.....	1,080	1,082	1,019	-1	6.1
MAPP (U.S.).....	555	571	647	-2.8	-14.2
NPCC (U.S.).....	10,466	9,965	9,304	5.0	12.5
SERC.....	3,509	3,474	8,287	1.0	-57.7
FRCC.....	8,084	6,889	—	17.3	NM
SPP.....	3,211	3,430	3,417	-6.4	-6.0
WSCC (U.S.).....	7,414	7,478	10,035	-9	-26.1
Contiguous U.S.	44,940	43,371	44,138	3.6	1.8
ASCC.....	201	195	206	3.4	-2.6
Hawaii.....	1,016	1,024	681	-8	49.2
U.S. Total.....	46,157	44,590	45,026	3.5	2.5

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

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •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.

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

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

Census Division and State	February 1997	January 1997	February 1996	Monthly Difference (percent)	Yearly Difference (percent)
New England	1,065	1,146	861	-7.1	23.7
Connecticut.....	120	133	112	-9.8	7.8
Maine.....	—	—	—	—	—
Massachusetts.....	585	673	496	-13.1	17.9
New Hampshire.....	360	339	253	6.0	42.2
Rhode Island.....	—	—	—	—	—
Vermont.....	—	—	—	—	—
Middle Atlantic	9,404	9,057	10,045	3.8	-6.4
New Jersey.....	715	743	601	-3.7	18.9
New York.....	810	794	728	2.1	11.3
Pennsylvania.....	7,879	7,520	8,715	4.8	-9.6
East North Central	25,131	24,286	27,130	3.5	-7.4
Illinois.....	4,333	4,008	4,919	8.1	-11.9
Indiana.....	6,351	6,362	8,011	-2	-20.7
Michigan.....	5,600	5,272	6,211	6.2	-9.8
Ohio.....	5,440	5,239	4,848	3.8	12.2
Wisconsin.....	3,407	3,405	3,141	.1	8.5
West North Central	15,547	14,570	15,971	6.7	-2.7
Iowa.....	3,570	2,657	3,212	34.4	11.2
Kansas.....	2,665	2,658	3,714	.3	-28.2
Minnesota.....	1,131	1,072	1,460	5.5	-22.5
Missouri.....	4,689	4,867	4,060	-3.7	15.5
Nebraska.....	1,649	1,686	1,512	-2.2	9.1
North Dakota.....	1,727	1,514	1,845	14.1	-6.4
South Dakota.....	116	117	168	-1.2	-31.1
South Atlantic	17,409	17,045	17,056	2.1	2.1
Delaware.....	345	342	265	.6	30.3
District of Columbia.....	—	—	—	—	—
Florida.....	3,162	2,969	2,846	6.5	11.1
Georgia.....	3,573	3,574	3,874	*	-7.8
Maryland.....	1,245	1,204	766	3.4	62.5
North Carolina.....	2,494	2,275	2,312	9.6	7.9
South Carolina.....	2,064	1,851	1,689	11.5	22.2
Virginia.....	993	915	967	8.5	2.7
West Virginia.....	3,533	3,914	4,337	-9.7	-18.5
East South Central	8,770	8,222	9,216	6.7	-4.8
Alabama.....	3,123	2,594	2,934	20.4	6.4
Kentucky.....	3,856	3,780	4,044	2.0	-4.6
Mississippi.....	668	671	629	-.5	6.2
Tennessee.....	1,123	1,176	1,609	-4.5	-30.2
West South Central	18,231	18,808	19,355	-3.1	-5.8
Arkansas.....	2,159	2,444	2,613	-11.6	-17.4
Louisiana.....	2,447	2,463	2,433	-.6	.6
Oklahoma.....	3,678	3,981	3,304	-7.6	11.3
Texas.....	9,946	9,920	11,005	.3	-9.6
Mountain	11,102	10,832	14,190	2.5	-21.8
Arizona.....	1,764	1,774	3,187	-.5	-44.6
Colorado.....	2,884	2,940	3,701	-1.9	-22.1
Idaho.....	—	—	—	—	—
Montana.....	608	501	544	21.4	11.9
Nevada.....	1,172	1,199	1,371	-2.3	-14.5
New Mexico.....	748	810	943	-7.6	-20.6
Utah.....	1,796	1,455	1,806	23.4	-.5
Wyoming.....	2,130	2,152	2,639	-1.0	-19.3
Pacific Contiguous	1,085	1,151	1,964	-5.7	-44.7
California.....	—	—	—	—	—
Oregon.....	297	297	399	-.1	-25.6
Washington.....	788	854	1,565	-7.7	-49.6
Pacific Noncontiguous	1	1	1	—	—
Alaska.....	1	1	1	—	—
Hawaii.....	—	—	—	—	—
U.S. Total	107,745	105,116	115,789	2.5	-6.9

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

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

Notes: *Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. *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.

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

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

Census Division and State	February 1997	January 1997	February 1996 *	Monthly Difference (percent)	Yearly Difference (percent)
New England	4,357	3,629	3,521	20.1	23.7
Connecticut.....	1,904	1,466	1,040	29.9	83.1
Maine.....	421	397	362	6.1	16.4
Massachusetts.....	1,691	1,253	1,620	35.0	4.4
New Hampshire.....	279	450	445	-38.1	-37.4
Rhode Island.....	24	24	24	*	.2
Vermont.....	38	39	29	-2.4	27.5
Middle Atlantic	9,507	9,715	9,200	-2.1	3.3
New Jersey.....	1,749	1,717	1,639	1.9	6.7
New York.....	6,119	6,343	5,779	-3.5	5.9
Pennsylvania.....	1,640	1,656	1,782	-1.0	-8.0
East North Central	2,227	2,216	2,153	.5	3.5
Illinois.....	852	849	832	.3	2.4
Indiana.....	110	136	127	-19.1	-13.2
Michigan.....	672	694	680	-3.3	-1.2
Ohio.....	386	340	334	13.6	15.6
Wisconsin.....	207	196	179	5.7	15.5
West North Central	1,210	1,249	1,429	-3.1	-15.3
Iowa.....	125	145	162	-13.4	-22.5
Kansas.....	406	409	525	-.8	-22.7
Minnesota.....	110	112	147	-2.2	-25.4
Missouri.....	312	317	324	-1.5	-3.7
Nebraska.....	129	136	132	-5.2	-2.2
North Dakota.....	40	41	44	-2.5	-9.1
South Dakota.....	89	90	96	-1.0	-7.5
South Atlantic	12,767	11,279	10,246	13.2	24.6
Delaware.....	275	303	470	-9.3	-41.4
District of Columbia.....	118	115	118	3.2	.5
Florida.....	8,093	6,899	5,271	17.3	53.5
Georgia.....	604	604	419	*	44.1
Maryland.....	1,405	1,152	2,002	21.9	-29.9
North Carolina.....	401	403	339	-.7	18.1
South Carolina.....	313	337	273	-6.9	14.9
Virginia.....	1,417	1,331	1,239	6.5	14.4
West Virginia.....	141	135	115	4.1	22.6
East South Central	1,614	1,778	1,450	-9.2	11.3
Alabama.....	211	215	202	-1.7	4.9
Kentucky.....	199	196	176	1.9	13.2
Mississippi.....	693	849	637	-18.3	8.7
Tennessee.....	510	519	435	-1.7	17.3
West South Central	5,887	6,070	6,149	-3.0	-4.3
Arkansas.....	215	189	234	13.7	-7.8
Louisiana.....	1,136	1,225	1,159	-7.3	-2.0
Oklahoma.....	377	374	493	.9	-23.5
Texas.....	4,159	4,282	4,264	-2.9	-2.5
Mountain	958	1,051	1,152	-8.8	-16.8
Arizona.....	421	541	455	-22.3	-7.5
Colorado.....	131	126	170	4.5	-22.8
Idaho.....	*	*	*	NM	NM
Montana.....	9	11	16	-17.8	-43.0
Nevada.....	243	220	380	10.6	-35.9
New Mexico.....	108	109	75	-1.1	44.3
Utah.....	24	21	35	16.3	-29.6
Wyoming.....	21	22	21	-3.1	1.3
Pacific Contiguous	6,411	6,383	8,838	.5	-27.5
California.....	6,000	5,971	8,274	.5	-27.5
Oregon.....	219	220	229	-.2	-4.1
Washington.....	192	192	336	.1	-42.7
Pacific Noncontiguous	1,217	1,219	887	-1	37.2
Alaska.....	NM	NM	NM	3.4	-2.5
Hawaii.....	1,016	1,024	681	-.8	49.2
U.S. Total	46,157	44,590	45,026	3.5	2.5

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

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

Notes: •Estimates for 1997 are preliminary and for 1996 are final. Values are estimates based on a cutoff model sample of electric utilities with at least one generating plant of 25 megawatts or more, all nonhydroelectric plants that use renewable fuel sources, and all nuclear plants. See the Technical Notes for a detailed description of the estimation procedure. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Data do not include petroleum coke. •The February 1997 petroleum coke stocks were 158,710 short tons. •Stocks are end-of-month stocks at electric utilities.

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

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

January 1997 Receipts and Cost Data

At the time of publication, one electric utility had not reported January 1997 FERC Form 423 data. The City of Los Angeles reported coal data received for January but did not report gas data. Thus, cost data appearing in this issue of the *Electric Power Monthly* include estimates for this electric utility, calculated using a model-based statistical approach. In addition, gas consumption data were used in place of gas receipts.

If you have any questions on the model-based statistical approach, please contact Mr. James Knaub, Jr. at (202)426-1145; Internet E-Mail: jknaub@eia.doe.gov.

*Fuel is received for distribution
to electric utilities.*

**Table 26. U.S. Electric Utility Receipts of and Average Cost for Fossil Fuels,
1987 Through January 1997**

Period	Coal ¹		Petroleum				Gas		All Fossil Fuels ²
	Receipts (thousand short tons)	Cost (cents/ 10 ⁶ Btu)	Heavy Oil ³		Total		Receipts (thousand Mcf)	Cost (cents/ 10 ⁶ Btu)	Cost (cents/ 10 ⁶ Btu)
			Receipts (thousand barrels)	Cost (cents/ 10 ⁶ Btu)	Receipts (thousand barrels)	Cost (cents/ 10 ⁶ Btu)			
1987.....	721,298	150.6	187,300	297.6	194,578	301.1	2,605,191	224.0	170.5
1988.....	727,775	146.6	230,234	240.5	236,924	243.9	2,362,721	226.3	164.3
1989.....	753,217	144.5	237,668	284.6	246,422	289.3	2,472,506	235.5	167.5
1990.....	786,627	145.5	202,281	331.9	209,350	338.4	2,490,979	232.1	168.9
1991.....	769,923	144.7	163,106	246.5	169,625	254.8	2,630,818	215.3	160.3
1992.....	765,963	141.2	138,537	247.5	144,390	255.1	2,637,678	232.8	159.0
1993.....	779,152	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.....									
January.....	70,206	133.1	5,565	273.1	6,113	282.7	188,545	209.2	145.4
February.....	65,789	133.5	6,150	256.2	6,535	263.1	163,665	197.1	143.7
March.....	69,059	133.8	5,040	258.9	5,448	267.4	233,533	189.0	144.3
April.....	66,167	133.7	2,849	266.2	3,221	280.3	222,256	194.5	144.1
May.....	68,564	133.7	5,864	279.0	6,213	285.8	245,676	202.1	147.3
June.....	64,543	133.3	8,476	274.3	9,083	282.0	281,987	202.8	150.4
July.....	67,734	130.4	8,367	250.8	8,838	257.2	376,158	186.1	146.1
August.....	73,242	130.9	9,284	237.0	10,029	247.7	424,284	179.4	145.1
September.....	70,938	131.8	9,036	234.7	9,432	241.3	302,928	189.5	145.1
October.....	70,140	129.6	5,553	242.5	6,060	253.8	228,644	204.1	142.6
November.....	70,196	130.2	4,773	250.5	5,414	268.8	189,641	218.9	143.3
December.....	70,281	127.7	7,259	295.8	7,905	305.7	166,010	255.3	146.1
Total.....	826,860	131.8	78,216	258.6	84,292	267.9	3,023,327	198.4	145.3
1996 ⁴									
January.....	67,852	129.1	13,855	332.4	14,540	337.1	155,022	281.0	155.5
February.....	66,620	129.3	6,099	282.5	7,021	300.6	131,688	294.7	148.5
March.....	69,921	130.2	9,031	285.2	9,595	296.8	149,233	268.4	149.0
April.....	70,361	130.8	8,263	309.7	8,724	319.0	160,918	264.6	150.0
May.....	72,158	130.7	5,882	304.4	6,437	317.6	251,461	247.6	151.8
June.....	69,677	129.2	8,825	277.0	9,508	288.2	285,271	255.1	155.1
July.....	75,178	127.8	10,793	276.6	11,380	284.4	346,295	263.9	158.2
August.....	78,545	127.7	10,484	282.5	10,971	290.6	346,542	250.7	154.6
September.....	72,730	127.5	5,538	293.6	5,926	307.1	269,988	219.1	145.3
October.....	75,756	128.9	5,675	331.9	6,407	354.7	217,115	233.8	146.6
November.....	71,375	127.9	6,382	333.3	7,159	354.4	162,258	301.9	151.0
December.....	72,525	127.6	8,098	338.1	8,961	355.2	128,870	393.1	156.1
Total.....	862,701	128.9	98,926	303.4	106,629	315.7	2,604,663	264.1	151.9
1997 ⁴									
January.....	71,900	128.0	8,811	305.7	9,652	321.0	133,193	405.8	157.5
Total.....	71,900	128.0	8,811	305.7	9,652	321.0	133,193	405.8	157.5
Year-to-Date.....									
1997 ⁴	71,900	128.0	8,811	305.7	9,652	321.0	133,193	405.8	157.5
1996 ⁴	67,852	129.1	13,855	332.4	14,540	337.1	155,022	281.0	155.5
1995.....	70,206	133.1	5,565	273.1	6,113	282.7	188,545	209.2	145.4

¹ Includes lignite, bituminous coal, subbituminous coal, and anthracite.

² The weighted average for all fossil fuels includes both heavy oil and light oil (Fuel Oil No. 2, kerosene, and jet fuel) prices. Data do not include petroleum coke.

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

⁴ Data for 1997 are preliminary. Data for 1996 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 1987-1990 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.

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	January 1997 ¹	December 1996 ¹	January 1996 ¹	Year to Date		
				1997 ¹	1996 ¹	Difference (percent)
ECAR.....	16,353	16,489	15,418	16,353	15,418	6.1
ERCOT.....	7,139	6,704	7,274	7,139	7,274	-1.8
MAAC.....	3,629	3,579	3,111	3,629	3,111	16.7
MAIN.....	6,107	6,793	5,621	6,107	5,621	8.7
MAPP (U.S.).....	5,793	5,810	5,972	5,793	5,972	-3.0
NPCC (U.S.).....	1,235	1,304	1,032	1,235	1,032	19.7
SERC.....	12,285	13,927	13,040	12,285	13,040	-5.8
FRCC.....	1,944	—	—	1,944	—	NM
SPP.....	8,059	7,912	7,807	8,058	7,807	3.2
WSCC (U.S.).....	9,356	10,006	8,578	9,356	8,578	9.1
Contiguous U.S.	71,900	72,525	67,852	71,900	67,852	6.0
ASCC.....	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—
U.S. Total.....	71,900	72,525	67,852	71,900	67,852	6.0

¹ Data for 1997 are preliminary. Data for 1996 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.

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	January 1997 ¹	December 1996 ¹	January 1996 ¹	Year to Date		
				1997 ¹	1996 ¹	Difference (percent)
ECAR.....	124.1	127.9	126.7	124.1	126.7	-2.0
ERCOT.....	109.5	127.6	120.3	109.5	120.3	-8.9
MAAC.....	142.5	142.5	142.8	142.5	142.8	-2
MAIN.....	142.1	133.0	137.4	142.1	137.4	3.4
MAPP (U.S.).....	86.4	82.0	88.3	86.4	88.3	-2.2
NPCC (U.S.).....	156.3	156.6	151.9	156.3	151.9	2.9
SERC.....	141.4	145.3	146.9	141.4	146.9	-3.7
FRCC.....	173.8	—	—	173.8	—	NM
SPP.....	126.3	120.4	126.5	126.3	126.5	-2
WSCC (U.S.).....	114.0	107.4	116.3	114.0	116.3	-2.0
Contiguous U.S.	128.0	127.6	129.1	128.0	129.1	-9
ASCC.....	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—
U.S. Average.....	128.0	127.6	129.1	128.0	129.1	-9

¹ Data for 1997 are preliminary. Data for 1996 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.

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	January 1997 ¹	December 1996 ¹	January 1996 ¹	Year to Date		
				1997 ¹	1996 ¹	Difference (percent)
ECAR.....	277	237	194	277	194	42.5
ERCOT.....	99	44	18	99	18	451.9
MAAC.....	418	722	2,953	418	2,953	-85.8
MAIN.....	165	138	40	165	40	313.7
MAPP (U.S.).....	31	38	31	31	31	1.1
NPCC (U.S.).....	4,483	4,898	7,424	4,483	7,424	-39.6
SERC.....	423	1,699	2,798	423	2,798	-84.9
FRCC.....	2,269	—	—	2,269	—	NM
SPP.....	983	498	323	983	323	204.5
WSCC (U.S.).....	23	25	21	23	21	5.4
Contiguous U.S.	9,171	8,300	13,802	9,171	13,802	-33.6
ASCC.....	—	—	—	—	—	—
Hawaii.....	481	661	738	481	738	-34.8
U.S. Total.....	9,652	8,961	14,540	9,652	14,540	-33.6

¹ Data for 1997 are preliminary. Data for 1996 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.

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	January 1997 ¹	December 1996 ¹	January 1996 ¹	Year to Date		
				1997 ¹	1996 ¹	Difference (percent)
ECAR.....	476.8	465.0	376.5	476.8	376.5	26.6
ERCOT.....	526.7	534.0	422.7	526.7	422.7	24.6
MAAC.....	349.8	389.2	360.7	349.8	360.7	-3.0
MAIN.....	435.8	407.8	416.1	435.8	416.1	4.8
MAPP (U.S.).....	508.2	527.2	431.8	508.2	431.8	17.7
NPCC (U.S.).....	304.0	348.3	344.2	304.0	344.2	-11.7
SERC.....	361.2	335.5	303.3	361.2	303.3	19.1
FRCC.....	290.9	—	—	290.9	—	NM
SPP.....	297.7	294.2	223.4	297.7	223.4	33.2
WSCC (U.S.).....	587.4	594.8	500.6	587.4	500.6	17.3
Contiguous U.S.	315.3	352.4	337.7	315.3	337.7	-6.6
ASCC.....	—	—	—	—	—	—
Hawaii.....	430.3	391.8	326.9	430.3	326.9	31.6
U.S. Average.....	321.0	355.2	337.1	321.0	337.1	-4.8

¹ Data for 1997 are preliminary. Data for 1996 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.

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	January 1997 ¹	December 1996 ¹	January 1996 ¹	Year to Date		
				1997 ¹	1996 ¹	Difference (percent)
ECAR.....	2,049	2,728	2,454	2,049	2,454	-16.5
ERCOT.....	46,598	39,757	47,918	46,598	47,918	-2.8
MAAC.....	2,779	1,691	3,959	2,779	3,959	-29.8
MAIN.....	1,724	1,042	588	1,724	588	193.3
MAPP (U.S.).....	926	661	509	926	509	81.8
NPCC (U.S.).....	9,468	12,476	7,591	9,468	7,591	24.7
SERC.....	860	13,527	16,827	860	16,827	-94.9
FRCC.....	10,226	—	—	10,226	—	NM
SPP.....	33,562	32,140	41,441	33,562	41,441	-19.0
WSCC (U.S.).....	23,613	23,515	32,339	23,613	32,339	-27.0
Contiguous U.S.	131,807	127,537	153,626	131,807	153,626	-14.2
ASCC.....	1,385	1,334	1,397	1,385	1,397	-.8
Hawaii.....	—	—	—	—	—	—
U.S. Total.....	133,193	128,870	155,022	133,193	155,022	-14.1

¹ Data for 1997 are preliminary. Data for 1996 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.

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	January 1997 ¹	December 1996 ¹	January 1996 ¹	Year to Date		
				1997 ¹	1996 ¹	Difference (percent)
ECAR.....	310.9	340.6	306.0	310.9	306.0	1.6
ERCOT.....	376.6	357.9	250.7	376.6	250.7	50.2
MAAC.....	465.7	415.8	375.6	465.7	375.6	24.0
MAIN.....	354.7	388.4	309.8	354.7	309.8	14.5
MAPP (U.S.).....	324.6	312.0	248.7	324.6	248.7	30.5
NPCC (U.S.).....	402.9	393.8	378.5	402.9	378.5	6.5
SERC.....	377.7	465.8	374.4	377.7	374.4	.9
FRCC.....	514.7	—	—	514.7	—	NM
SPP.....	409.6	406.8	287.8	409.6	287.8	42.3
WSCC (U.S.).....	431.0	410.2	242.7	431.0	242.7	77.6
Contiguous U.S.	408.5	395.6	282.7	408.5	282.7	44.5
ASCC.....	153.0	146.3	93.7	153.0	93.7	63.3
Hawaii.....	—	—	—	—	—	—
U.S. Average.....	405.8	393.1	281.0	405.8	281.0	44.4

¹ Data for 1997 are preliminary. Data for 1996 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.

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,
January 1997**

Census Division and State	Anthracite		Bituminous		Subbituminous		Lignite		Total	
	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)
New England	—	—	567	14,433	—	—	—	—	567	14,433
Connecticut.....	—	—	61	1,602	—	—	—	—	61	1,602
Maine.....	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	—	—	368	9,183	—	—	—	—	368	9,183
New Hampshire.....	—	—	138	3,648	—	—	—	—	138	3,648
Rhode Island.....	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—
Middle Atlantic	18	281	4,464	111,796	—	—	—	—	4,482	112,078
New Jersey.....	—	—	186	4,882	—	—	—	—	186	4,882
New York.....	—	—	668	17,322	—	—	—	—	668	17,322
Pennsylvania.....	18	281	3,610	89,592	—	—	—	—	3,628	89,873
East North Central	—	—	10,031	233,549	5,294	92,204	—	—	15,325	325,753
Illinois.....	—	—	1,647	35,824	1,621	28,539	—	—	3,268	64,363
Indiana.....	—	—	2,725	61,198	1,473	25,512	—	—	4,199	86,710
Michigan.....	—	—	829	20,918	750	13,163	—	—	1,579	34,081
Ohio.....	—	—	4,656	111,343	24	412	—	—	4,680	111,756
Wisconsin.....	—	—	173	4,266	1,426	24,578	—	—	1,598	28,844
West North Central	—	—	616	13,565	7,559	130,084	1,894	24,994	10,069	168,643
Iowa.....	—	—	84	1,894	1,292	21,669	—	—	1,376	23,563
Kansas.....	—	—	206	4,418	1,275	21,401	—	—	1,481	25,819
Minnesota.....	—	—	5	113	1,332	23,572	—	—	1,337	23,685
Missouri.....	—	—	321	7,139	2,530	44,083	—	—	2,851	51,222
Nebraska.....	—	—	—	—	988	16,908	—	—	988	16,908
North Dakota.....	—	—	—	—	29	495	1,894	24,994	1,923	25,489
South Dakota.....	—	—	—	—	112	1,957	—	—	112	1,957
South Atlantic	—	—	11,231	280,294	500	8,685	—	—	11,731	288,979
Delaware.....	—	—	161	4,180	—	—	—	—	161	4,180
District of Columbia.....	—	—	—	—	—	—	—	—	—	—
Florida.....	—	—	2,076	50,905	14	248	—	—	2,090	51,154
Georgia.....	—	—	1,433	35,699	485	8,437	—	—	1,918	44,136
Maryland.....	—	—	770	19,903	—	—	—	—	770	19,903
North Carolina.....	—	—	2,192	54,323	—	—	—	—	2,192	54,323
South Carolina.....	—	—	893	22,874	—	—	—	—	893	22,874
Virginia.....	—	—	1,039	26,158	—	—	—	—	1,039	26,158
West Virginia.....	—	—	2,669	66,251	—	—	—	—	2,669	66,251
East South Central	—	—	7,517	179,183	729	12,984	—	—	8,247	192,167
Alabama.....	—	—	2,193	53,674	428	7,370	—	—	2,621	61,044
Kentucky.....	—	—	3,223	74,560	—	—	—	—	3,223	74,560
Mississippi.....	—	—	200	4,834	277	5,193	—	—	477	10,027
Tennessee.....	—	—	1,902	46,116	24	421	—	—	1,926	46,537
West South Central	—	—	149	3,108	7,080	121,502	4,895	63,041	12,124	187,651
Arkansas.....	—	—	—	—	1,048	18,189	—	—	1,048	18,189
Louisiana.....	—	—	—	—	804	13,717	302	4,184	1,106	17,901
Oklahoma.....	—	—	8	198	1,647	28,351	—	—	1,655	28,549
Texas.....	—	—	141	2,910	3,582	61,245	4,593	58,857	8,315	123,012
Mountain	—	—	3,257	71,247	5,532	98,808	25	323	8,814	170,377
Arizona.....	—	—	443	9,647	761	14,678	—	—	1,204	24,325
Colorado.....	—	—	658	14,326	735	13,544	—	—	1,393	27,871
Idaho.....	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	653	10,928	25	323	678	11,250
Nevada.....	—	—	675	14,849	17	335	—	—	692	15,184
New Mexico.....	—	—	—	—	1,484	26,865	—	—	1,484	26,865
Utah.....	—	—	1,230	27,473	—	—	—	—	1,230	27,473
Wyoming.....	—	—	251	4,951	1,883	32,458	—	—	2,134	37,409
Pacific Contiguous	—	—	—	—	542	9,092	—	—	542	9,092
California.....	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	135	2,366	—	—	135	2,366
Washington.....	—	—	—	—	407	6,726	—	—	407	6,726
Pacific Noncontiguous	—	—	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—	—
U.S. Total	18	281	37,832	907,175	27,237	473,360	6,813	88,357	71,900	1,469,173

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 1997 are preliminary.

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	January 1997 Receipts		January 1996 Receipts		Year to Date			
	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents/million Btu) ¹	
					1997	1996	1997	1996
New England	567	14,433	425	10,887	14,433	10,887	174.6	165.5
Connecticut.....	61	1,602	56	1,457	1,602	1,457	191.1	190.6
Maine.....	—	—	—	—	—	—	—	—
Massachusetts.....	368	9,183	300	7,591	9,183	7,591	177.3	163.3
New Hampshire.....	138	3,648	69	1,840	3,648	1,840	160.6	154.8
Rhode Island.....	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—
Middle Atlantic	4,482	112,078	3,935	98,898	112,078	98,898	139.6	139.7
New Jersey.....	186	4,882	176	4,697	4,882	4,697	177.1	178.0
New York.....	668	17,322	607	15,844	17,322	15,844	141.1	142.5
Pennsylvania.....	3,628	89,873	3,152	78,356	89,873	78,356	137.3	136.8
East North Central	15,325	325,753	14,359	302,902	325,753	302,902	133.0	133.6
Illinois.....	3,268	64,363	2,720	53,512	64,363	53,512	171.9	167.6
Indiana.....	4,199	86,710	4,286	87,134	86,710	87,134	115.5	119.4
Michigan.....	1,579	34,081	1,453	31,102	34,081	31,102	133.1	135.3
Ohio.....	4,680	111,756	4,092	98,422	111,756	98,422	131.4	137.3
Wisconsin.....	1,598	28,844	1,807	32,731	28,844	32,731	105.7	103.3
West North Central	10,069	168,643	9,995	167,090	168,643	167,090	92.1	92.0
Iowa.....	1,376	23,563	1,327	22,553	23,563	22,553	90.0	94.1
Kansas.....	1,481	25,819	1,586	27,666	25,819	27,666	108.0	100.7
Minnesota.....	1,337	23,685	1,355	24,062	23,685	24,062	109.8	108.3
Missouri.....	2,851	51,222	2,499	45,491	51,222	45,491	94.6	95.3
Nebraska.....	988	16,908	1,038	17,931	16,908	17,931	58.6	72.3
North Dakota.....	1,923	25,489	2,041	26,767	25,489	26,767	78.4	73.8
South Dakota.....	112	1,957	149	2,620	1,957	2,620	94.2	91.7
South Atlantic	11,731	288,979	10,462	256,245	288,979	256,245	149.4	151.7
Delaware.....	161	4,180	78	2,044	4,180	2,044	166.3	156.8
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	2,090	51,154	1,815	44,810	51,154	44,810	180.0	183.8
Georgia.....	1,918	44,136	2,068	46,827	44,136	46,827	161.8	157.2
Maryland.....	770	19,903	768	19,733	19,903	19,733	152.4	154.5
North Carolina.....	2,192	54,323	1,540	38,115	54,323	38,115	144.9	159.1
South Carolina.....	893	22,874	607	15,561	22,874	15,561	147.0	147.8
Virginia.....	1,039	26,158	926	23,250	26,158	23,250	139.7	143.4
West Virginia.....	2,669	66,251	2,658	65,906	66,251	65,906	123.8	124.4
East South Central	8,247	192,167	8,013	187,572	192,167	187,572	124.6	124.3
Alabama.....	2,621	61,044	2,400	56,470	61,044	56,470	152.2	155.6
Kentucky.....	3,223	74,560	3,247	74,708	74,560	74,708	105.1	105.6
Mississippi.....	477	10,027	291	6,478	10,027	6,478	147.1	149.4
Tennessee.....	1,926	46,537	2,076	49,917	46,537	49,917	114.8	113.5
West South Central	12,124	187,651	12,085	185,684	187,651	185,684	124.9	132.4
Arkansas.....	1,048	18,189	1,165	20,165	18,189	20,165	159.1	155.0
Louisiana.....	1,106	17,901	1,171	19,071	17,901	19,071	152.9	146.5
Oklahoma.....	1,655	28,549	1,284	22,052	28,549	22,052	91.6	102.6
Texas.....	8,315	123,012	8,465	124,396	123,012	124,396	123.5	131.9
Mountain	8,814	170,377	8,121	157,742	170,377	157,742	111.8	114.5
Arizona.....	1,204	24,325	1,245	25,343	24,325	25,343	143.9	153.5
Colorado.....	1,393	27,871	1,560	30,421	27,871	30,421	104.1	106.1
Idaho.....	—	—	—	—	—	—	—	—
Montana.....	678	11,250	745	12,582	11,250	12,582	66.1	71.5
Nevada.....	692	15,184	448	10,012	15,184	10,012	122.3	169.5
New Mexico.....	1,484	26,865	970	17,736	26,865	17,736	135.7	155.6
Utah.....	1,230	27,473	1,178	27,143	27,473	27,143	119.2	99.4
Wyoming.....	2,134	37,409	1,975	34,505	37,409	34,505	83.5	83.8
Pacific Contiguous	542	9,092	457	7,208	9,092	7,208	155.7	156.7
California.....	—	—	—	—	—	—	—	—
Oregon.....	135	2,366	—	—	2,366	—	114.1	—
Washington.....	407	6,726	457	7,208	6,726	7,208	170.3	156.7
Pacific Noncontiguous	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—
U.S. Total	71,900	1,469,173	67,852	1,374,227	1,469,173	1,374,227	128.0	129.1

¹ Monetary values are expressed in nominal terms.

Notes: *Data for 1997 are preliminary. Data for 1996 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.

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

Table 35. Receipts and Average Cost of Coal Delivered to Electric Utilities by Type of Purchase, Mining Method, Census Division, and State, January 1997

Census Division and State	Type of Purchase						Type of Mining					
	Contract			Spot			Strip and Auger			Underground		
	Receipts	Average Cost ¹		Receipts	Average Cost ¹		Receipts	Average Cost ¹		Receipts	Average Cost ¹	
	(1,000 short tons)	(Cents/10 ⁶ Btu)	(\$/short ton)	(1,000 short tons)	(Cents/10 ⁶ Btu)	(\$/short ton)	(1,000 short tons)	(Cents/10 ⁶ Btu)	(\$/short ton)	(1,000 short tons)	(Cents/10 ⁶ Btu)	(\$/short ton)
New England	471	174.3	44.18	96	176.1	45.87	175	178.6	43.82	391	172.9	44.75
Connecticut.....	61	191.1	50.17	—	—	—	—	—	—	61	191.1	50.17
Maine.....	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	318	175.1	43.46	50	190.7	49.37	175	178.6	43.82	192	176.1	44.65
New Hampshire.....	91	160.6	42.68	46	160.6	42.12	—	—	—	138	160.6	42.49
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—	—
Middle Atlantic	3,405	142.3	35.64	1,077	131.2	32.61	1,397	129.2	31.48	3,085	144.2	36.46
New Jersey.....	179	177.4	46.79	7	166.9	37.75	69	173.2	43.62	117	179.2	48.14
New York.....	588	137.7	35.78	80	166.5	42.36	27	156.0	37.54	641	140.5	36.53
Pennsylvania.....	2,638	140.8	34.85	990	128.0	31.79	1,300	126.2	30.70	2,328	143.3	35.86
East North Central	11,329	142.3	29.77	3,996	108.3	24.04	10,511	133.3	26.93	4,814	132.6	31.23
Illinois.....	2,812	179.7	34.73	456	129.4	28.42	2,044	199.8	36.98	1,224	132.1	28.62
Indiana.....	2,695	126.2	25.36	1,504	97.6	21.13	3,338	108.4	21.64	861	139.0	32.39
Michigan.....	1,176	134.6	28.89	403	128.7	28.21	1,217	132.7	26.98	362	133.9	34.58
Ohio.....	3,388	141.0	33.78	1,293	105.7	25.04	2,430	133.1	31.36	2,250	129.6	31.36
Wisconsin.....	1,258	103.2	18.19	341	114.0	22.34	1,481	101.0	17.65	117	146.8	37.07
West North Central	8,932	93.8	15.66	1,137	78.8	13.54	9,792	89.5	14.83	277	159.5	36.26
Iowa.....	1,127	90.9	15.65	249	85.7	14.31	1,292	87.4	14.65	84	120.0	26.96
Kansas.....	1,481	108.0	18.81	—	—	—	1,433	100.3	17.32	48	281.1	63.33
Minnesota.....	1,326	109.7	19.42	11	124.1	22.98	1,332	109.5	19.37	5	178.1	42.97
Missouri.....	2,401	95.5	17.21	450	89.7	15.83	2,722	91.6	16.24	129	143.4	33.00
Nebraska.....	631	59.0	10.01	356	57.9	10.06	977	57.9	9.88	11	108.4	23.65
North Dakota.....	1,853	78.2	10.32	70	83.4	12.31	1,923	78.4	10.40	—	—	—
South Dakota.....	112	94.2	16.46	—	—	—	112	94.2	16.46	—	—	—
South Atlantic	8,366	149.6	37.36	3,365	148.8	35.40	5,176	149.2	35.84	6,555	149.5	37.56
Delaware.....	125	168.1	43.82	36	160.1	41.48	83	167.3	42.90	77	165.3	43.72
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—	—
Florida.....	1,322	185.3	45.38	768	171.0	41.82	929	169.1	40.40	1,161	188.4	47.00
Georgia.....	1,141	168.7	42.43	777	149.0	29.60	1,231	149.4	32.64	687	181.1	45.47
Maryland.....	524	149.0	38.45	246	159.5	41.42	320	148.3	37.64	449	155.2	40.66
North Carolina.....	1,492	146.0	36.07	700	142.7	35.57	926	143.7	35.51	1,265	145.8	36.20
South Carolina.....	627	147.7	38.01	266	145.6	36.87	339	155.5	39.40	553	142.0	36.60
Virginia.....	765	139.4	35.08	274	140.4	35.43	434	141.6	35.64	605	138.3	34.84
West Virginia.....	2,370	125.9	31.24	299	107.1	26.58	912	134.9	33.31	1,757	118.0	29.37
East South Central	6,383	127.2	29.43	1,864	115.9	27.68	3,505	116.9	26.24	4,742	130.0	31.10
Alabama.....	2,158	158.2	36.61	463	125.4	30.10	1,050	132.8	28.40	1,571	163.6	40.18
Kentucky.....	2,396	104.2	23.89	826	107.7	25.56	1,827	105.7	24.62	1,396	104.3	23.92
Mississippi.....	449	147.9	31.17	28	134.7	26.93	289	134.8	25.61	188	161.9	39.05
Tennessee.....	1,380	113.0	27.26	546	119.3	28.89	340	119.2	28.84	1,586	113.8	27.49
West South Central	11,350	125.2	19.20	774	120.5	21.31	12,124	124.9	19.33	—	—	—
Arkansas.....	992	161.5	28.07	56	115.4	19.74	1,048	159.1	27.62	—	—	—
Louisiana.....	1,106	152.9	24.76	—	—	—	1,106	152.9	24.76	—	—	—
Oklahoma.....	1,655	91.6	15.79	—	—	—	1,655	91.6	15.79	—	—	—
Texas.....	7,598	123.8	17.97	718	120.9	21.43	8,315	123.5	18.27	—	—	—
Mountain	8,346	112.3	21.67	468	102.6	20.64	7,009	108.7	20.15	1,805	121.9	27.29
Arizona.....	999	148.1	30.15	205	122.3	23.87	1,204	143.9	29.08	—	—	—
Colorado.....	1,236	106.7	21.43	157	83.2	16.12	1,021	101.4	19.40	371	110.7	24.80
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	678	66.1	10.97	—	—	—	678	66.1	10.97	—	—	—
Nevada.....	647	122.5	26.91	45	118.0	25.49	489	106.4	23.00	203	158.5	36.01
New Mexico.....	1,484	135.7	24.58	—	—	—	1,484	135.7	24.58	—	—	—
Utah.....	1,174	121.2	27.01	57	78.4	18.25	—	—	—	1,230	119.2	26.61
Wyoming.....	2,129	83.6	14.65	5	69.3	13.44	2,134	83.5	14.65	—	—	—
Pacific Contiguous	407	170.3	28.15	135	114.1	20.00	542	155.7	26.12	—	—	—
California.....	—	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	135	114.1	20.00	135	114.1	20.00	—	—	—
Washington.....	407	170.3	28.15	—	—	—	407	170.3	28.15	—	—	—
Pacific Noncontiguous	—	—	—	—	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—	—	—	—
U. S. Total	58,989	129.5	25.94	12,911	121.9	27.15	50,231	121.7	22.84	21,669	139.3	33.84

¹ Monetary values are expressed in nominal terms.

Notes: *Totals may not equal sum of components because of independent rounding. *Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. *Data for 1997 are preliminary.

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, January 1997

Census Division and State	0.5% or Less			More than 0.5% up to 1.0%			More than 1.0% up to 1.5%		
	Receipts	Average Cost ¹		Receipts	Average Cost ¹		Receipts	Average Cost ¹	
	(1,000 short tons)	(Cents/ 10 ⁶ Btu)	(\$/ short ton)	(1,000 short tons)	(Cents/ 10 ⁶ Btu)	(\$/ short ton)	(1,000 short tons)	(Cents/ 10 ⁶ Btu)	(\$/ short ton)
New England	—	—	—	429	179.3	45.10	28	169.9	44.89
Connecticut.....	—	—	—	61	191.1	50.17	—	—	—
Maine.....	—	—	—	—	—	—	—	—	—
Massachusetts.....	—	—	—	368	177.3	44.26	—	—	—
New Hampshire.....	—	—	—	—	—	—	28	169.9	44.89
Rhode Island.....	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—
Middle Atlantic	—	—	—	439	169.3	42.30	243	141.3	36.61
New Jersey.....	—	—	—	117	177.0	47.48	—	—	—
New York.....	—	—	—	136	186.7	48.20	10	180.0	42.83
Pennsylvania.....	—	—	—	186	149.5	34.74	233	139.9	36.36
East North Central	5,179	138.3	24.26	3,725	145.8	34.33	1,197	132.4	30.01
Illinois.....	1,538	214.6	38.41	523	183.9	38.18	199	158.9	32.11
Indiana.....	1,524	110.4	19.28	326	157.4	37.65	642	128.2	28.49
Michigan.....	750	106.8	18.75	547	161.7	40.03	41	145.2	37.61
Ohio.....	30	112.8	19.69	2,151	133.0	32.03	282	122.5	30.37
Wisconsin.....	1,337	97.8	16.83	177	130.5	27.24	34	142.2	34.32
West North Central	6,755	89.9	15.50	2,793	91.5	13.88	266	98.6	15.52
Iowa.....	1,292	87.4	14.65	84	120.0	26.96	—	—	—
Kansas.....	1,385	107.5	18.42	31	130.4	27.12	—	—	—
Minnesota.....	797	108.0	19.24	535	111.7	19.55	3	174.3	42.71
Missouri.....	2,274	88.2	15.38	342	94.0	17.22	48	136.7	31.99
Nebraska.....	977	57.9	9.88	11	108.4	23.65	—	—	—
North Dakota.....	29	63.0	10.65	1,679	78.3	10.26	215	82.3	11.44
South Dakota.....	—	—	—	112	94.2	16.46	—	—	—
South Atlantic	575	151.3	26.66	4,895	156.9	39.14	3,687	151.4	38.26
Delaware.....	—	—	—	141	169.6	44.03	19	142.9	38.00
District of Columbia.....	—	—	—	—	—	—	—	—	—
Florida.....	90	154.0	29.23	521	186.4	46.87	643	193.0	48.44
Georgia.....	485	150.7	26.19	819	178.2	43.96	586	146.6	37.06
Maryland.....	—	—	—	356	143.7	36.57	273	162.2	42.48
North Carolina.....	—	—	—	1,388	147.7	36.51	804	140.2	34.88
South Carolina.....	—	—	—	156	160.0	41.23	546	143.4	36.70
Virginia.....	—	—	—	602	139.8	35.09	420	139.3	35.23
West Virginia.....	—	—	—	912	149.1	36.97	396	130.7	32.89
East South Central	914	120.6	23.07	2,370	155.0	37.75	908	118.9	29.16
Alabama.....	428	108.6	18.70	1,254	179.3	44.12	84	133.7	32.50
Kentucky.....	130	128.7	29.58	848	122.8	29.71	462	112.1	27.19
Mississippi.....	264	135.8	25.55	78	199.8	46.57	76	138.4	33.04
Tennessee.....	91	115.1	27.12	190	117.5	28.06	286	120.4	30.34
West South Central	8,082	138.3	23.06	1,571	102.0	13.51	2,163	82.7	10.97
Arkansas.....	1,048	159.1	27.62	—	—	—	—	—	—
Louisiana.....	804	158.9	27.12	78	118.7	16.40	224	138.6	19.22
Oklahoma.....	1,647	91.5	15.74	—	—	—	—	—	—
Texas.....	4,584	147.3	23.94	1,493	101.0	13.35	1,939	75.9	10.02
Mountain	4,239	107.6	21.10	4,575	115.8	22.09	—	—	—
Arizona.....	479	163.8	32.46	725	131.2	26.86	—	—	—
Colorado.....	1,249	106.3	20.96	143	87.5	19.74	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—
Montana.....	86	62.8	9.75	592	66.6	11.15	—	—	—
Nevada.....	163	155.4	34.56	529	111.9	24.43	—	—	—
New Mexico.....	—	—	—	1,484	135.7	24.58	—	—	—
Utah.....	1,116	118.6	26.38	115	124.7	28.77	—	—	—
Wyoming.....	1,147	61.5	10.29	987	106.7	19.71	—	—	—
Pacific Contiguous	225	122.5	22.13	317	182.5	28.94	—	—	—
California.....	—	—	—	—	—	—	—	—	—
Oregon.....	135	114.1	20.00	—	—	—	—	—	—
Washington.....	90	134.2	25.33	317	182.5	28.94	—	—	—
Pacific Noncontiguous	—	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—
U. S. Total	25,970	119.9	21.09	21,113	138.7	29.23	8,492	132.3	28.44

¹ Monetary values are expressed in nominal terms.

Notes: *Totals may not equal sum of components because of independent rounding. *Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. *Data for 1997 are preliminary.

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, January 1997 (Continued)

Census Division and State	More than 1.5% up to 2.0%			More than 2.0% up to 3.0%			More than 3.0%			All Purchases	
	Receipts	Average Cost ¹		Receipts	Average Cost ¹		Receipts	Average Cost ¹			
	(1,000 short tons)	(Cents/10 ⁶ Btu)	(\$/short ton)	(1,000 short tons)	(Cents/10 ⁶ Btu)	(\$/short ton)	(1,000 short tons)	(Cents/10 ⁶ Btu)	(\$/short ton)	(Cents/10 ⁶ Btu)	(\$/short ton)
New England.....	74	162.0	42.64	36	150.6	40.33	—	—	—	174.6	44.46
Connecticut.....	—	—	—	—	—	—	—	—	—	191.1	50.17
Maine.....	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	—	—	—	—	—	—	—	—	—	177.3	44.26
New Hampshire.....	74	162.0	42.64	36	150.6	40.33	—	—	—	160.6	42.49
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—
Middle Atlantic.....	2,023	135.8	34.17	1,152	127.1	32.15	626	154.7	36.53	139.6	34.91
New Jersey.....	—	—	—	69	177.2	44.72	—	—	—	177.1	46.46
New York.....	379	128.7	33.16	144	128.5	34.17	—	—	—	141.1	36.57
Pennsylvania.....	1,643	137.5	34.41	939	123.2	30.92	626	154.7	36.53	137.3	34.01
East North Central.....	744	123.6	29.54	2,091	114.3	26.23	2,389	123.7	28.09	133.0	28.28
Illinois.....	24	113.7	23.98	480	112.1	24.49	504	117.3	25.49	171.9	33.85
Indiana.....	360	119.0	25.98	824	101.6	22.94	522	103.0	22.77	115.5	23.84
Michigan.....	225	122.5	32.25	—	—	—	16	153.7	36.63	133.1	28.72
Ohio.....	84	129.3	33.15	786	128.1	30.73	1,347	133.1	31.03	131.4	31.36
Wisconsin.....	50	150.4	39.52	1	130.7	30.32	—	—	—	105.7	19.08
West North Central.....	2	186.5	43.53	63	169.9	38.22	190	123.1	27.26	92.1	15.42
Iowa.....	—	—	—	—	—	—	—	—	—	90.0	15.41
Kansas.....	—	—	—	5	144.0	33.98	60	102.4	22.22	108.0	18.81
Minnesota.....	2	186.5	43.53	—	—	—	—	—	—	109.8	19.45
Missouri.....	—	—	—	57	172.4	38.61	130	132.4	29.59	94.6	16.99
Nebraska.....	—	—	—	—	—	—	—	—	—	58.6	10.03
North Dakota.....	—	—	—	—	—	—	—	—	—	78.4	10.40
South Dakota.....	—	—	—	—	—	—	—	—	—	94.2	16.46
South Atlantic.....	860	132.8	33.35	648	168.1	40.58	1,066	109.0	26.91	149.4	36.80
Delaware.....	—	—	—	—	—	—	—	—	—	166.3	43.30
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—
Florida.....	120	159.9	40.57	548	177.0	42.22	169	144.3	35.20	180.0	44.07
Georgia.....	28	145.2	35.56	—	—	—	—	—	—	161.8	37.23
Maryland.....	109	162.1	42.17	32	130.3	35.14	—	—	—	152.4	39.40
North Carolina.....	—	—	—	—	—	—	—	—	—	144.9	35.91
South Carolina.....	170	146.5	37.51	20	150.0	37.82	—	—	—	147.0	37.67
Virginia.....	17	146.4	36.61	—	—	—	—	—	—	139.7	35.17
West Virginia.....	415	109.4	26.97	49	107.3	26.96	897	102.4	25.34	123.8	30.72
East South Central.....	918	133.6	32.87	1,539	108.2	25.56	1,598	92.1	20.60	124.6	29.04
Alabama.....	432	147.8	35.95	213	115.4	28.35	210	105.4	25.33	152.2	35.46
Kentucky.....	10	134.3	34.47	429	100.3	23.20	1,343	89.2	19.69	105.1	24.32
Mississippi.....	40	136.1	31.96	19	120.2	30.70	—	—	—	147.1	30.92
Tennessee.....	435	119.7	29.85	879	109.9	25.92	45	108.9	25.68	114.8	27.73
West South Central.....	300	88.6	9.39	—	—	—	8	103.2	26.68	124.9	19.33
Arkansas.....	—	—	—	—	—	—	—	—	—	159.1	27.62
Louisiana.....	—	—	—	—	—	—	—	—	—	152.9	24.76
Oklahoma.....	—	—	—	—	—	—	8	103.2	26.68	91.6	15.79
Texas.....	300	88.6	9.39	—	—	—	—	—	—	123.5	18.27
Mountain.....	—	—	—	—	—	—	—	—	—	111.8	21.61
Arizona.....	—	—	—	—	—	—	—	—	—	143.9	29.08
Colorado.....	—	—	—	—	—	—	—	—	—	104.1	20.84
Idaho.....	—	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—	—	66.1	10.97
Nevada.....	—	—	—	—	—	—	—	—	—	122.3	26.82
New Mexico.....	—	—	—	—	—	—	—	—	—	135.7	24.58
Utah.....	—	—	—	—	—	—	—	—	—	119.2	26.61
Wyoming.....	—	—	—	—	—	—	—	—	—	83.5	14.65
Pacific Contiguous.....	—	—	—	—	—	—	—	—	—	155.7	26.12
California.....	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—	114.1	20.00
Washington.....	—	—	—	—	—	—	—	—	—	170.3	28.15
Pacific Noncontiguous.....	—	—	—	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—	—	—
U. S. Total.....	4,919	132.2	31.71	5,530	122.7	29.19	5,876	115.8	26.71	128.0	26.15

¹ Monetary values are expressed in nominal terms.

Notes: *Totals may not equal sum of components because of independent rounding. *Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. *Data for 1997 are preliminary.

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

**Table 37. Electric Utility Receipts of Petroleum by Type, Census Division, and State,
January 1997**

Census Division and State	No. 2 Fuel Oil		No. 4 Fuel Oil ¹		No. 5 Fuel Oil ¹		No. 6 Fuel Oil		Total	
	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)
New England	9	54	—	—	—	—	1,962	12,530	1,971	12,583
Connecticut.....	2	14	—	—	—	—	1,135	7,248	1,138	7,262
Maine.....	1	5	—	—	—	—	99	636	100	641
Massachusetts.....	4	22	—	—	—	—	606	3,860	610	3,882
New Hampshire.....	2	12	—	—	—	—	121	785	123	797
Rhode Island.....	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—
Middle Atlantic	152	930	—	—	—	—	2,586	16,327	2,758	17,372
New Jersey.....	2	9	—	—	—	—	8	50	30	174
New York.....	111	694	—	—	—	—	2,400	15,139	2,511	15,833
Pennsylvania.....	39	227	—	—	—	—	178	1,138	217	1,365
East North Central	187	1,084	—	—	—	—	204	1,287	391	2,371
Illinois.....	46	267	—	—	—	—	77	487	123	753
Indiana.....	54	314	—	—	—	—	—	—	54	314
Michigan.....	27	159	—	—	—	—	127	800	154	959
Ohio.....	24	138	—	—	—	—	—	—	24	138
Wisconsin.....	35	207	—	—	—	—	—	—	35	207
West North Central	36	208	—	—	—	—	21	138	57	346
Iowa.....	8	45	—	—	—	—	—	—	8	45
Kansas.....	—	—	—	—	—	—	8	55	8	55
Minnesota.....	3	13	—	—	—	—	—	—	3	13
Missouri.....	5	29	—	—	—	—	13	83	18	112
Nebraska.....	3	15	—	—	—	—	—	—	3	15
North Dakota.....	18	106	—	—	—	—	—	—	18	106
South Dakota.....	—	—	—	—	—	—	—	—	—	—
South Atlantic	180	1,047	—	—	—	—	2,635	16,821	2,815	17,868
Delaware.....	12	69	—	—	—	—	135	856	147	924
District of Columbia.....	3	17	—	—	—	—	—	—	3	17
Florida.....	30	172	—	—	—	—	2,240	14,347	2,270	14,520
Georgia.....	15	89	—	—	—	—	—	—	15	89
Maryland.....	25	148	—	—	—	—	—	—	25	148
North Carolina.....	31	178	—	—	—	—	—	—	31	178
South Carolina.....	24	137	—	—	—	—	—	—	24	137
Virginia.....	13	78	—	—	—	—	260	1,618	274	1,696
West Virginia.....	27	159	—	—	—	—	—	—	27	159
East South Central	95	555	—	—	—	—	634	4,175	729	4,730
Alabama.....	16	93	—	—	—	—	—	—	16	93
Kentucky.....	14	83	—	—	—	—	—	—	14	83
Mississippi.....	3	17	—	—	—	—	634	4,175	637	4,192
Tennessee.....	62	362	—	—	—	—	—	—	62	362
West South Central	139	815	—	—	—	—	286	1,849	426	2,664
Arkansas.....	6	35	—	—	—	—	—	—	6	35
Louisiana.....	28	169	—	—	—	—	286	1,849	315	2,018
Oklahoma.....	—	—	—	—	—	—	—	—	—	—
Texas.....	105	611	—	—	—	—	—	—	105	611
Mountain	21	125	—	—	—	—	—	—	21	125
Arizona.....	9	53	—	—	—	—	—	—	9	53
Colorado.....	—	—	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—	—	—
Nevada.....	2	12	—	—	—	—	—	—	2	12
New Mexico.....	4	23	—	—	—	—	—	—	4	23
Utah.....	1	6	—	—	—	—	—	—	1	6
Wyoming.....	5	31	—	—	—	—	—	—	5	31
Pacific Contiguous	1	6	—	—	—	—	—	—	1	6
California.....	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—	—
Washington.....	1	6	—	—	—	—	—	—	1	6
Pacific Noncontiguous	—	—	—	—	—	—	481	3,013	481	3,013
Alaska.....	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	481	3,013	481	3,013
U.S. Total	820	4,825	—	—	—	—	8,811	56,140	9,651	61,079

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

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 1997 are preliminary.

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	January 1997 Receipts		January 1996 Receipts		Year to Date			
	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents/million Btu) ¹	
					1997	1996	1997	1996
New England	1,972	12,586	2,719	17,367	12,586	17,367	310.1	329.4
Connecticut.....	1,138	7,262	545	3,506	7,262	3,506	324.7	360.2
Maine.....	100	641	213	1,341	641	1,341	317.0	311.8
Massachusetts.....	610	3,885	1,861	11,864	3,885	11,864	289.9	328.7
New Hampshire.....	123	797	91	607	797	607	270.3	198.9
Rhode Island.....	—	—	7	39	—	39	—	355.6
Vermont.....	—	—	2	12	—	12	—	513.0
Middle Atlantic	2,758	17,372	6,368	39,957	17,372	39,957	304.2	357.3
New Jersey.....	30	174	500	3,099	174	3,099	501.2	377.7
New York.....	2,512	15,833	4,705	29,503	15,833	29,503	299.2	352.9
Pennsylvania.....	217	1,365	1,163	7,355	1,365	7,355	337.0	366.2
East North Central	391	2,371	175	1,034	2,371	1,034	449.0	359.8
Illinois.....	123	753	34	197	753	197	421.4	418.8
Indiana.....	54	314	37	216	314	216	521.7	436.1
Michigan.....	154	959	72	441	959	441	441.9	274.1
Ohio.....	24	138	29	165	138	165	448.1	414.9
Wisconsin.....	35	207	2	14	207	14	472.6	403.4
West North Central	57	346	59	352	346	352	424.1	382.4
Iowa.....	8	45	3	17	45	17	478.6	418.4
Kansas.....	8	55	13	78	55	78	296.4	374.1
Minnesota.....	3	13	3	17	13	17	539.0	467.0
Missouri.....	18	112	15	94	112	94	351.8	295.0
Nebraska.....	3	15	*	2	15	2	513.1	469.1
North Dakota.....	18	106	25	144	106	144	516.3	428.5
South Dakota.....	—	—	—	—	—	—	—	—
South Atlantic	2,815	17,868	4,096	25,911	17,868	25,911	301.6	318.5
Delaware.....	147	924	360	2,297	924	2,297	313.7	350.3
District of Columbia.....	3	17	43	259	17	259	504.7	408.8
Florida.....	2,270	14,520	2,591	16,454	14,520	16,454	291.0	297.0
Georgia.....	15	89	40	234	89	234	537.6	447.9
Maryland.....	25	148	906	5,718	148	5,718	527.0	347.5
North Carolina.....	31	178	13	77	178	77	509.3	427.0
South Carolina.....	24	137	7	40	137	40	545.7	446.9
Virginia.....	274	1,696	117	720	1,696	720	283.8	353.6
West Virginia.....	27	159	19	113	159	113	586.0	513.6
East South Central	729	4,730	313	1,983	4,730	1,983	312.5	226.9
Alabama.....	16	93	17	99	93	99	515.5	393.0
Kentucky.....	14	83	16	94	83	94	583.5	449.2
Mississippi.....	637	4,192	266	1,709	4,192	1,709	288.0	197.4
Tennessee.....	62	362	14	81	362	81	482.1	390.9
West South Central	426	2,664	51	300	2,664	300	363.0	395.8
Arkansas.....	6	35	15	86	35	86	481.1	459.2
Louisiana.....	315	2,018	15	92	2,018	92	312.5	302.0
Oklahoma.....	—	—	—	—	—	—	—	—
Texas.....	105	611	21	122	611	122	522.7	421.7
Mountain	21	125	21	124	125	124	588.6	500.7
Arizona.....	9	53	—	—	53	—	590.8	—
Colorado.....	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—
Montana.....	—	—	2	12	—	12	—	441.2
Nevada.....	2	12	2	13	12	13	605.7	473.3
New Mexico.....	4	23	4	23	23	23	611.2	517.9
Utah.....	1	6	3	18	6	18	873.3	543.2
Wyoming.....	5	31	10	58	31	58	508.5	499.4
Pacific Contiguous	1	6	*	*	6	*	563.8	460.0
California.....	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—
Washington.....	1	6	*	*	6	*	563.8	460.0
Pacific Noncontiguous	481	3,013	738	4,621	3,013	4,621	430.3	326.9
Alaska.....	—	—	—	—	—	—	—	—
Hawaii.....	481	3,013	738	4,621	3,013	4,621	430.3	326.9
U.S. Total	9,652	61,082	14,540	91,648	61,082	91,648	321.0	337.1

¹ Monetary values are expressed in nominal terms.

* Less than 0.5.

Notes: •Data for 1997 are preliminary. Data for 1996 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 January 1997 petroleum coke receipts were 137,552 short tons and the cost was 75.3 cents per million Btu.

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, January 1997

Census Division and State	Fuel Oil No. 6 by Type of Purchase						Averaged Cost of Fuel Oils ¹					
	Contract			Spot			No. 2		No. 4-No. 5		No. 6	
	Receipts	Average Cost ¹		Receipts	Average Cost ¹		(Cents/ 10 ⁶ Btu)	(\$/ bbl)	(Cents/ 10 ⁶ Btu)	(\$/ bbl)	(Cents/ 10 ⁶ Btu)	(\$/ bbl)
	(1,000 bbls)	(Cents/ 10 ⁶ Btu)	(\$/ bbl)	(1,000 bbls)	(Cents/ 10 ⁶ Btu)	(\$/ bbl)	(Cents/ 10 ⁶ Btu)	(\$/ bbl)	(Cents/ 10 ⁶ Btu)	(\$/ bbl)	(Cents/ 10 ⁶ Btu)	(\$/ bbl)
New England.....	1,076	314.2	20.13	886	302.7	19.26	542.5	31.52	—	—	309.0	19.74
Connecticut.....	923	318.0	20.39	212	352.1	22.03	560.5	32.46	—	—	324.2	20.70
Maine.....	—	—	—	99	315.1	20.15	542.1	31.61	—	—	315.1	20.15
Massachusetts.....	153	291.7	18.58	453	287.1	18.29	531.9	31.01	—	—	288.3	18.36
New Hampshire.....	—	—	—	121	266.0	17.27	541.1	31.32	—	—	266.0	17.27
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—	—
Middle Atlantic.....	2,408	297.2	18.74	178	295.6	18.90	395.2	24.26	—	—	297.1	18.75
New Jersey.....	8	294.8	18.77	—	—	—	551.9	32.22	—	—	294.8	18.77
New York.....	2,400	297.2	18.74	—	—	—	344.3	21.53	—	—	297.2	18.74
Pennsylvania.....	—	—	—	178	295.6	18.90	544.8	31.71	—	—	295.6	18.90
East North Central.....	82	469.6	29.89	122	359.6	22.53	502.1	29.13	—	—	404.2	25.49
Illinois.....	—	—	—	77	369.0	23.32	516.9	30.09	—	—	369.0	23.32
Indiana.....	—	—	—	—	—	—	521.7	30.05	—	—	—	—
Michigan.....	82	469.6	29.89	45	343.0	21.18	524.0	30.37	—	—	425.6	26.80
Ohio.....	—	—	—	—	—	—	448.1	25.92	—	—	—	—
Wisconsin.....	—	—	—	—	—	—	472.6	27.66	—	—	—	—
West North Central.....	—	—	—	21	300.0	19.88	506.4	29.23	—	—	300.0	19.88
Iowa.....	—	—	—	—	—	—	478.6	28.12	—	—	—	—
Kansas.....	—	—	—	8	296.4	20.17	—	—	—	—	296.4	20.17
Minnesota.....	—	—	—	—	—	—	539.0	27.33	—	—	—	—
Missouri.....	—	—	—	13	302.3	19.71	495.2	28.49	—	—	302.3	19.71
Nebraska.....	—	—	—	—	—	—	513.1	29.64	—	—	—	—
North Dakota.....	—	—	—	—	—	—	516.3	30.11	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—	—
South Atlantic.....	1,199	285.4	18.44	1,436	288.6	18.24	534.5	31.10	—	—	287.1	18.33
Delaware.....	135	297.0	18.84	—	—	—	523.1	30.43	—	—	297.0	18.84
District of Columbia.....	—	—	—	—	—	—	504.7	29.40	—	—	—	—
Florida.....	1,065	283.9	18.38	1,176	292.0	18.52	528.3	30.74	—	—	288.1	18.45
Georgia.....	—	—	—	—	—	—	537.6	31.27	—	—	—	—
Maryland.....	—	—	—	—	—	—	527.0	30.65	—	—	—	—
North Carolina.....	—	—	—	—	—	—	509.3	29.57	—	—	—	—
South Carolina.....	—	—	—	—	—	—	545.7	31.64	—	—	—	—
Virginia.....	—	—	—	260	273.0	16.97	508.5	29.70	—	—	273.0	16.97
West Virginia.....	—	—	—	—	—	—	586.0	34.25	—	—	—	—
East South Central.....	—	—	—	634	287.2	18.90	502.8	29.50	—	—	287.2	18.90
Alabama.....	—	—	—	—	—	—	515.5	30.19	—	—	—	—
Kentucky.....	—	—	—	—	—	—	583.5	34.11	—	—	—	—
Mississippi.....	—	—	—	634	287.2	18.90	482.7	28.12	—	—	287.2	18.90
Tennessee.....	—	—	—	—	—	—	482.1	28.33	—	—	—	—
West South Central.....	—	—	—	286	297.8	19.21	510.8	29.91	—	—	297.8	19.21
Arkansas.....	—	—	—	—	—	—	481.1	28.24	—	—	—	—
Louisiana.....	—	—	—	286	297.8	19.21	473.9	28.43	—	—	297.8	19.21
Oklahoma.....	—	—	—	—	—	—	—	—	—	—	—	—
Texas.....	—	—	—	—	—	—	522.7	30.40	—	—	—	—
Mountain.....	—	—	—	—	—	—	588.6	34.23	—	—	—	—
Arizona.....	—	—	—	—	—	—	590.8	34.61	—	—	—	—
Colorado.....	—	—	—	—	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—	—	—	—	—
Nevada.....	—	—	—	—	—	—	605.7	35.11	—	—	—	—
New Mexico.....	—	—	—	—	—	—	611.2	34.91	—	—	—	—
Utah.....	—	—	—	—	—	—	873.3	51.35	—	—	—	—
Wyoming.....	—	—	—	—	—	—	508.5	29.57	—	—	—	—
Pacific Contiguous.....	—	—	—	—	—	—	563.8	33.13	—	—	—	—
California.....	—	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—	—	—	—
Washington.....	—	—	—	—	—	—	563.8	33.13	—	—	—	—
Pacific Noncontiguous.....	481	430.3	26.96	—	—	—	—	—	—	—	430.3	26.96
Alaska.....	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	481	430.3	26.96	—	—	—	—	—	—	—	430.3	26.96
U. S. Total.....	5,247	312.7	19.88	3,563	295.4	18.88	493.0	29.01	—	—	305.7	19.48

¹ Monetary values are expressed in nominal terms.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Data for 1997 are preliminary.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of 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, January 1997

Census Division and State	0.3% or Less			More than 0.3% up to 0.5%			More than 0.5% up to 1.0%		
	Receipts	Average Cost ¹		Receipts	Average Cost ¹		Receipts	Average Cost ¹	
	(1,000 bbls)	(Cents/ 10 ⁶ Btu)	(\$/ bbl)	(1,000 bbls)	(Cents/ 10 ⁶ Btu)	(\$/ bbl)	(1,000 bbls)	(Cents/ 10 ⁶ Btu)	(\$/ bbl)
New England.....	134	348.6	21.71	314	328.8	20.65	1,183	311.5	20.05
Connecticut.....	129	347.1	21.61	308	327.1	20.54	698	318.9	20.59
Maine.....	—	—	—	—	—	—	99	315.1	20.15
Massachusetts.....	5	387.2	24.18	6	416.2	25.89	385	297.0	19.03
New Hampshire.....	—	—	—	—	—	—	—	—	—
Rhode Island.....	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—
Middle Atlantic.....	1,503	302.9	18.94	128	293.4	18.75	735	289.0	18.50
New Jersey.....	—	—	—	—	—	—	8	294.8	18.77
New York.....	1,503	302.9	18.94	—	—	—	677	288.1	18.44
Pennsylvania.....	—	—	—	128	293.4	18.75	50	301.3	19.30
East North Central.....	—	—	—	—	—	—	204	404.2	25.49
Illinois.....	—	—	—	—	—	—	77	369.0	23.32
Indiana.....	—	—	—	—	—	—	—	—	—
Michigan.....	—	—	—	—	—	—	127	425.6	26.80
Ohio.....	—	—	—	—	—	—	—	—	—
Wisconsin.....	—	—	—	—	—	—	—	—	—
West North Central.....	—	—	—	—	—	—	—	—	—
Iowa.....	—	—	—	—	—	—	—	—	—
Kansas.....	—	—	—	—	—	—	—	—	—
Minnesota.....	—	—	—	—	—	—	—	—	—
Missouri.....	—	—	—	—	—	—	—	—	—
Nebraska.....	—	—	—	—	—	—	—	—	—
North Dakota.....	—	—	—	—	—	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—	—
South Atlantic.....	—	—	—	—	—	—	1,004	303.3	19.46
Delaware.....	—	—	—	—	—	—	135	297.0	18.84
District of Columbia.....	—	—	—	—	—	—	—	—	—
Florida.....	—	—	—	—	—	—	869	304.3	19.56
Georgia.....	—	—	—	—	—	—	—	—	—
Maryland.....	—	—	—	—	—	—	—	—	—
North Carolina.....	—	—	—	—	—	—	—	—	—
South Carolina.....	—	—	—	—	—	—	—	—	—
Virginia.....	—	—	—	—	—	—	—	—	—
West Virginia.....	—	—	—	—	—	—	—	—	—
East South Central.....	—	—	—	—	—	—	—	—	—
Alabama.....	—	—	—	—	—	—	—	—	—
Kentucky.....	—	—	—	—	—	—	—	—	—
Mississippi.....	—	—	—	—	—	—	—	—	—
Tennessee.....	—	—	—	—	—	—	—	—	—
West South Central.....	—	—	—	—	—	—	216	298.7	19.18
Arkansas.....	—	—	—	—	—	—	—	—	—
Louisiana.....	—	—	—	—	—	—	216	298.7	19.18
Oklahoma.....	—	—	—	—	—	—	—	—	—
Texas.....	—	—	—	—	—	—	—	—	—
Mountain.....	—	—	—	—	—	—	—	—	—
Arizona.....	—	—	—	—	—	—	—	—	—
Colorado.....	—	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—	—
Nevada.....	—	—	—	—	—	—	—	—	—
New Mexico.....	—	—	—	—	—	—	—	—	—
Utah.....	—	—	—	—	—	—	—	—	—
Wyoming.....	—	—	—	—	—	—	—	—	—
Pacific Contiguous.....	—	—	—	—	—	—	—	—	—
California.....	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—
Washington.....	—	—	—	—	—	—	—	—	—
Pacific Noncontiguous.....	481	430.3	26.96	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—
Hawaii.....	481	430.3	26.96	—	—	—	—	—	—
U. S. Total.....	2,119	334.7	20.93	442	318.4	20.10	3,342	308.8	19.81

¹ Monetary values are expressed in nominal terms.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Fuel Oil No. 2 has been omitted from this table. •Oil and petroleum are used interchangeably in this report. •Data for 1997 are preliminary.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of 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, January 1997 (Continued)

Census Division and State	More than 1.0% up to 2.0%			More than 2.0% up to 3.0%			More than 3.0%			All Purchases	
	Receipts	Average Cost ¹		Receipts	Average Cost ¹		Receipts	Average Cost ¹			
	(1,000 bbls)	(Cents/ 10 ⁶ Btu)	(\$/ bbl)	(1,000 bbls)	(Cents/ 10 ⁶ Btu)	(\$/ bbl)	(1,000 bbls)	(Cents/ 10 ⁶ Btu)	(\$/ bbl)	(Cents/ 10 ⁶ Btu)	(\$/ bbl)
New England.....	121	266.0	17.27	210	266.0	16.79	—	—	—	309.0	19.74
Connecticut.....	—	—	—	—	—	—	—	—	—	324.2	20.70
Maine.....	—	—	—	—	—	—	—	—	—	315.1	20.15
Massachusetts.....	—	—	—	210	266.0	16.79	—	—	—	288.3	18.36
New Hampshire.....	121	266.0	17.27	—	—	—	—	—	—	266.0	17.27
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—
Middle Atlantic.....	220	287.3	18.32	—	—	—	—	—	—	297.1	18.75
New Jersey.....	—	—	—	—	—	—	—	—	—	294.8	18.77
New York.....	220	287.3	18.32	—	—	—	—	—	—	297.2	18.74
Pennsylvania.....	—	—	—	—	—	—	—	—	—	295.6	18.90
East North Central.....	—	—	—	—	—	—	—	—	—	404.2	25.49
Illinois.....	—	—	—	—	—	—	—	—	—	369.0	23.32
Indiana.....	—	—	—	—	—	—	—	—	—	—	—
Michigan.....	—	—	—	—	—	—	—	—	—	425.6	26.80
Ohio.....	—	—	—	—	—	—	—	—	—	—	—
Wisconsin.....	—	—	—	—	—	—	—	—	—	—	—
West North Central.....	21	300.0	19.88	—	—	—	—	—	—	300.0	19.88
Iowa.....	—	—	—	—	—	—	—	—	—	—	—
Kansas.....	8	296.4	20.17	—	—	—	—	—	—	296.4	20.17
Minnesota.....	—	—	—	—	—	—	—	—	—	—	—
Missouri.....	13	302.3	19.71	—	—	—	—	—	—	302.3	19.71
Nebraska.....	—	—	—	—	—	—	—	—	—	—	—
North Dakota.....	—	—	—	—	—	—	—	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—
South Atlantic.....	1,044	285.1	17.97	587	263.1	17.01	—	—	—	287.1	18.33
Delaware.....	—	—	—	—	—	—	—	—	—	297.0	18.84
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—
Florida.....	784	289.1	18.31	587	263.1	17.01	—	—	—	288.1	18.45
Georgia.....	—	—	—	—	—	—	—	—	—	—	—
Maryland.....	—	—	—	—	—	—	—	—	—	—	—
North Carolina.....	—	—	—	—	—	—	—	—	—	—	—
South Carolina.....	—	—	—	—	—	—	—	—	—	—	—
Virginia.....	260	273.0	16.97	—	—	—	—	—	—	273.0	16.97
West Virginia.....	—	—	—	—	—	—	—	—	—	—	—
East South Central.....	465	287.7	18.92	170	285.8	18.84	—	—	—	287.2	18.90
Alabama.....	—	—	—	—	—	—	—	—	—	—	—
Kentucky.....	—	—	—	—	—	—	—	—	—	—	—
Mississippi.....	465	287.7	18.92	170	285.8	18.84	—	—	—	287.2	18.90
Tennessee.....	—	—	—	—	—	—	—	—	—	—	—
West South Central.....	71	295.0	19.32	—	—	—	—	—	—	297.8	19.21
Arkansas.....	—	—	—	—	—	—	—	—	—	—	—
Louisiana.....	71	295.0	19.32	—	—	—	—	—	—	297.8	19.21
Oklahoma.....	—	—	—	—	—	—	—	—	—	—	—
Texas.....	—	—	—	—	—	—	—	—	—	—	—
Mountain.....	—	—	—	—	—	—	—	—	—	—	—
Arizona.....	—	—	—	—	—	—	—	—	—	—	—
Colorado.....	—	—	—	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—	—	—	—
Nevada.....	—	—	—	—	—	—	—	—	—	—	—
New Mexico.....	—	—	—	—	—	—	—	—	—	—	—
Utah.....	—	—	—	—	—	—	—	—	—	—	—
Wyoming.....	—	—	—	—	—	—	—	—	—	—	—
Pacific Contiguous.....	—	—	—	—	—	—	—	—	—	—	—
California.....	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—	—	—
Washington.....	—	—	—	—	—	—	—	—	—	—	—
Pacific Noncontiguous.....	—	—	—	—	—	—	—	—	—	430.3	26.96
Alaska.....	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—	430.3	26.96
U. S. Total.....	1,941	285.3	18.27	966	267.8	17.28	—	—	—	305.7	19.48

¹ Monetary values are expressed in nominal terms.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. •Fuel Oil No. 2 has been omitted from this table. •Oil and petroleum are used interchangeably in this report. •Data for 1997 are preliminary.

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

**Table 41. Electric Utility Receipts of Gas by Type, Census Division, and State,
January 1997**

Census Division and State	Natural		Blast-Furnace ¹		Refinery		Total	
	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)
New England	4,752	4,893	—	—	—	—	4,752	4,893
Connecticut.....	44	45	—	—	—	—	44	45
Maine.....	—	—	—	—	—	—	—	—
Massachusetts.....	1,586	1,640	—	—	—	—	1,586	1,640
New Hampshire.....	—	—	—	—	—	—	—	—
Rhode Island.....	3,122	3,209	—	—	—	—	3,122	3,209
Vermont.....	*	*	—	—	—	—	*	*
Middle Atlantic	5,633	5,781	—	—	—	—	5,633	5,781
New Jersey.....	672	690	—	—	—	—	672	690
New York.....	4,716	4,838	—	—	—	—	4,716	4,838
Pennsylvania.....	245	253	—	—	—	—	245	253
East North Central	2,055	2,090	1,617	162	—	—	3,672	2,252
Illinois.....	1,393	1,417	—	—	—	—	1,393	1,417
Indiana.....	101	103	—	—	—	—	101	103
Michigan.....	243	249	1,617	162	—	—	1,860	411
Ohio.....	12	13	—	—	—	—	12	13
Wisconsin.....	305	308	—	—	—	—	305	308
West North Central	1,371	1,378	—	—	—	—	1,371	1,378
Iowa.....	246	247	—	—	—	—	246	247
Kansas.....	427	432	—	—	—	—	427	432
Minnesota.....	584	584	—	—	—	—	584	584
Missouri.....	87	87	—	—	—	—	87	87
Nebraska.....	26	26	—	—	—	—	26	26
North Dakota.....	1	1	—	—	—	—	1	1
South Dakota.....	—	—	—	—	—	—	—	—
South Atlantic	12,360	12,509	—	—	27	31	12,387	12,539
Delaware.....	1,753	1,813	—	—	—	—	1,753	1,813
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	10,260	10,339	—	—	—	—	10,260	10,339
Georgia.....	20	21	—	—	—	—	20	21
Maryland.....	135	140	—	—	—	—	135	140
North Carolina.....	*	*	—	—	—	—	*	*
South Carolina.....	11	11	—	—	—	—	11	11
Virginia.....	129	134	—	—	27	31	156	164
West Virginia.....	51	51	—	—	—	—	51	51
East South Central	1,162	1,205	—	—	—	—	1,162	1,205
Alabama.....	84	86	—	—	—	—	84	86
Kentucky.....	55	57	—	—	—	—	55	57
Mississippi.....	1,023	1,062	—	—	—	—	1,023	1,062
Tennessee.....	—	—	—	—	—	—	—	—
West South Central	79,750	81,691	—	—	—	—	79,750	81,691
Arkansas.....	1,010	1,048	—	—	—	—	1,010	1,048
Louisiana.....	13,554	13,960	—	—	—	—	13,554	13,960
Oklahoma.....	6,924	7,134	—	—	—	—	6,924	7,134
Texas.....	58,263	59,549	—	—	—	—	58,263	59,549
Mountain	4,683	4,761	—	—	—	—	4,683	4,761
Arizona.....	326	329	—	—	—	—	326	329
Colorado.....	243	240	—	—	—	—	243	240
Idaho.....	—	—	—	—	—	—	—	—
Montana.....	15	16	—	—	—	—	15	16
Nevada.....	2,122	2,179	—	—	—	—	2,122	2,179
New Mexico.....	1,968	1,988	—	—	—	—	1,968	1,988
Utah.....	—	—	—	—	—	—	—	—
Wyoming.....	9	9	—	—	—	—	9	9
Pacific Contiguous	17,763	17,625	—	—	—	—	17,763	17,625
California.....	17,439	17,297	—	—	—	—	17,439	17,297
Oregon.....	324	328	—	—	—	—	324	328
Washington.....	*	*	—	—	—	—	*	*
Pacific Noncontiguous	2,020	2,020	—	—	—	—	2,020	2,020
Alaska.....	2,020	2,020	—	—	—	—	2,020	2,020
Hawaii.....	—	—	—	—	—	—	—	—
U.S. Total	131,549	133,954	1,617	162	27	31	133,193	134,147

¹ Includes coke oven gas.

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

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 1997 are preliminary. •Mcf=thousand cubic feet.

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	January 1997 Receipts		January 1996 Receipts		Year to Date			
	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents/million Btu) ¹	
					1997	1996	1997	1996
New England	4,752	4,893	4,073	4,193	4,893	4,193	380.6	327.9
Connecticut.....	44	45	—	—	45	—	392.2	—
Maine.....	—	—	—	—	—	—	—	—
Massachusetts.....	1,586	1,640	991	1,022	1,640	1,022	519.6	627.5
New Hampshire.....	—	—	—	—	—	—	—	—
Rhode Island.....	3,122	3,209	3,081	3,170	3,209	3,170	309.4	231.3
Vermont.....	*	*	1	1	*	1	498.2	301.4
Middle Atlantic	5,633	5,781	6,117	6,002	5,781	6,002	429.9	392.6
New Jersey.....	672	690	2,285	2,061	690	2,061	453.2	306.3
New York.....	4,716	4,838	3,519	3,618	4,838	3,618	425.5	437.1
Pennsylvania.....	245	253	314	323	253	323	450.8	444.3
East North Central	3,672	2,252	2,990	1,552	2,252	1,552	341.9	296.3
Illinois.....	1,393	1,417	402	410	1,417	410	328.8	312.6
Indiana.....	101	103	313	320	103	320	493.5	331.1
Michigan.....	1,860	411	1,952	492	411	492	252.1	257.6
Ohio.....	12	13	104	107	13	107	374.2	383.7
Wisconsin.....	305	308	220	224	308	224	469.7	260.2
West North Central	1,371	1,378	1,783	1,766	1,378	1,766	369.1	242.7
Iowa.....	246	247	152	152	247	152	509.7	334.9
Kansas.....	427	432	1,258	1,240	432	1,240	451.0	231.6
Minnesota.....	584	584	155	155	584	155	226.3	209.7
Missouri.....	87	87	132	133	87	133	535.9	309.1
Nebraska.....	26	26	86	86	26	86	322.8	196.1
North Dakota.....	1	1	*	*	1	*	282.9	334.8
South Dakota.....	—	—	—	—	—	—	—	—
South Atlantic	12,387	12,539	17,912	18,108	12,539	18,108	503.8	381.4
Delaware.....	1,753	1,813	1,331	1,372	1,813	1,372	470.6	449.5
District of Columbia.....	—	—	—	—	—	—	—	—
Florida.....	10,260	10,339	15,483	15,598	10,339	15,598	514.5	383.9
Georgia.....	20	21	10	10	21	10	202.8	708.4
Maryland.....	135	140	82	85	140	85	485.3	579.4
North Carolina.....	*	*	5	5	*	5	666.3	294.9
South Carolina.....	11	11	4	4	11	4	679.2	409.9
Virginia.....	156	164	993	1,029	164	1,029	297.8	232.5
West Virginia.....	51	51	4	4	51	4	314.9	500.0
East South Central	1,162	1,205	1,742	1,799	1,205	1,799	404.4	392.8
Alabama.....	84	86	92	95	86	95	423.3	360.2
Kentucky.....	55	57	74	76	57	76	473.4	387.3
Mississippi.....	1,023	1,062	1,576	1,628	1,062	1,628	399.2	395.0
Tennessee.....	—	—	—	—	—	—	—	—
West South Central	79,750	81,691	87,940	90,237	81,691	90,237	390.6	265.4
Arkansas.....	1,010	1,048	275	306	1,048	306	403.0	181.8
Louisiana.....	13,554	13,960	12,914	13,346	13,960	13,346	422.1	360.1
Oklahoma.....	6,924	7,134	8,068	8,327	7,134	8,327	408.3	302.8
Texas.....	58,263	59,549	66,683	68,258	59,549	68,258	380.8	242.7
Mountain	4,683	4,761	5,387	5,509	4,761	5,509	325.5	209.8
Arizona.....	326	329	1,005	1,025	329	1,025	565.2	265.3
Colorado.....	243	240	66	67	240	67	381.6	177.9
Idaho.....	—	—	—	—	—	—	—	—
Montana.....	15	16	15	16	16	16	336.3	174.3
Nevada.....	2,122	2,179	3,068	3,144	2,179	3,144	208.4	194.1
New Mexico.....	1,968	1,988	1,224	1,249	1,988	1,249	402.6	202.9
Utah.....	—	—	—	—	—	—	—	—
Wyoming.....	9	9	8	8	9	8	1,346.7	646.2
Pacific Contiguous	17,763	17,625	24,870	25,623	17,625	25,623	466.0	253.4
California.....	17,439	17,297	23,610	24,349	17,297	24,349	471.2	259.7
Oregon.....	324	328	1,260	1,274	328	1,274	193.6	131.5
Washington.....	*	*	*	*	*	*	487.0	474.0
Pacific Noncontiguous	2,020	2,020	2,210	2,211	2,020	2,211	167.8	132.4
Alaska.....	2,020	2,020	2,210	2,211	2,020	2,211	167.8	132.4
Hawaii.....	—	—	—	—	—	—	—	—
U.S. Total	133,193	134,147	155,022	157,001	134,147	157,001	405.8	281.0

¹ Monetary values are expressed in nominal terms.

* Less than 0.5.

Notes: •Data for 1997 are preliminary. Data for 1996 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.

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, January 1997

Census Division and State	Firm Gas			Interruptible Gas			Spot Gas			Total Gas		
	Receipts	Average Cost ¹		Receipts	Average Cost ¹		Receipts	Average Cost ¹		Receipts	Average Cost ¹	
	(1,000 Mcf)	(Cents/10 ⁶ Btu)	(\$/Mcf)	(1,000 Mcf)	(Cents/10 ⁶ Btu)	(\$/Mcf)	(1,000 Mcf)	(Cents/10 ⁶ Btu)	(\$/Mcf)	(1,000 Mcf)	(Cents/10 ⁶ Btu)	(\$/Mcf)
New England	3,961	374.6	3.86	213	498.6	5.12	578	378.5	3.89	4,752	380.6	3.92
Connecticut.....	—	—	—	44	392.2	3.97	—	—	—	44	392.2	3.97
Maine.....	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	1,380	521.8	5.40	168	526.1	5.42	38	410.9	4.22	1,586	519.6	5.37
New Hampshire.....	—	—	—	—	—	—	—	—	—	—	—	—
Rhode Island.....	2,582	295.4	3.04	—	—	—	540	376.2	3.87	3,122	309.4	3.18
Vermont.....	—	—	—	—	—	—	*	498.2	5.05	*	498.2	5.05
Middle Atlantic	803	570.0	5.79	2,589	483.6	4.98	2,240	318.2	3.27	5,633	429.9	4.41
New Jersey.....	—	—	—	664	451.7	4.64	8	582.8	6.04	672	453.2	4.66
New York.....	803	570.0	5.79	1,725	506.6	5.22	2,188	309.0	3.17	4,716	425.5	4.37
Pennsylvania.....	—	—	—	201	390.7	4.03	45	721.1	7.43	245	450.8	4.65
East North Central	295	373.9	3.83	2,055	370.7	1.09	1,322	321.7	3.27	3,672	341.9	2.10
Illinois.....	83	459.3	4.69	4	478.9	4.92	1,306	320.1	3.25	1,393	328.8	3.34
Indiana.....	—	—	—	101	493.5	5.04	—	—	—	101	493.5	5.04
Michigan.....	206	338.5	3.48	1,654	160.2	.19	—	—	—	1,860	252.1	.56
Ohio.....	6	425.1	4.38	*	600.0	6.00	7	327.4	3.39	12	374.2	3.87
Wisconsin.....	—	—	—	296	467.3	4.72	9	550.0	5.48	305	469.7	4.74
West North Central	41	494.4	4.95	1,319	363.9	3.66	11	537.0	5.21	1,371	369.1	3.71
Iowa.....	26	524.0	5.28	220	508.0	5.09	—	—	—	246	509.7	5.11
Kansas.....	7	389.0	3.81	420	452.0	4.58	*	475.0	4.75	427	451.0	4.56
Minnesota.....	3	614.4	6.26	581	224.6	2.25	—	—	—	584	226.3	2.27
Missouri.....	—	—	—	76	535.7	5.43	11	537.0	5.21	87	535.9	5.41
Nebraska.....	5	428.0	4.28	21	296.5	2.96	—	—	—	26	322.8	3.22
North Dakota.....	—	—	—	1	282.9	3.04	—	—	—	1	282.9	3.04
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—	—
South Atlantic	11,758	511.6	5.17	473	384.2	4.01	156	297.8	3.13	12,387	503.8	5.10
Delaware.....	1,753	470.6	4.87	—	—	—	—	—	—	1,753	470.6	4.87
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—	—
Florida.....	9,914	519.6	5.23	346	374.2	3.94	—	—	—	10,260	514.5	5.18
Georgia.....	—	—	—	20	202.8	2.08	—	—	—	20	202.8	2.08
Maryland.....	90	454.9	4.73	44	547.4	5.67	—	—	—	135	485.3	5.04
North Carolina.....	—	—	—	*	666.3	6.89	—	—	—	*	666.3	6.89
South Carolina.....	—	—	—	11	679.2	6.95	—	—	—	11	679.2	6.95
Virginia.....	—	—	—	—	—	—	156	297.8	3.13	156	297.8	3.13
West Virginia.....	—	—	—	51	314.9	3.15	—	—	—	51	314.9	3.15
East South Central	—	—	—	1,109	401.1	4.16	53	476.6	4.89	1,162	404.4	4.20
Alabama.....	—	—	—	84	423.3	4.37	—	—	—	84	423.3	4.37
Kentucky.....	—	—	—	3	408.7	4.09	53	476.6	4.89	55	473.4	4.85
Mississippi.....	—	—	—	1,023	399.2	4.15	—	—	—	1,023	399.2	4.15
Tennessee.....	—	—	—	—	—	—	—	—	—	—	—	—
West South Central	54,642	397.9	4.07	14,362	381.0	3.91	10,745	366.2	3.76	79,750	390.6	4.00
Arkansas.....	211	281.5	3.12	799	437.9	4.46	—	—	—	1,010	403.0	4.18
Louisiana.....	8,257	449.9	4.61	3,537	389.6	4.05	1,760	358.7	3.70	13,554	422.1	4.35
Oklahoma.....	3,412	452.5	4.67	3,512	365.2	3.76	—	—	—	6,924	408.3	4.21
Texas.....	42,763	384.1	3.92	6,514	377.9	3.85	8,986	367.7	3.77	58,263	380.8	3.89
Mountain	1,386	462.9	4.65	3,212	263.1	2.69	85	485.0	4.93	4,683	325.5	3.31
Arizona.....	300	584.8	5.89	—	—	—	26	344.0	3.50	326	565.2	5.70
Colorado.....	241	383.4	3.78	2	142.7	1.53	—	—	—	243	381.6	3.76
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	14	329.4	3.47	1	476.0	5.09	—	—	—	15	336.3	3.54
Nevada.....	—	—	—	2,064	198.9	2.04	58	548.9	5.58	2,122	208.4	2.14
New Mexico.....	822	433.8	4.37	1,146	380.4	3.85	—	—	—	1,968	402.6	4.07
Utah.....	—	—	—	—	—	—	—	—	—	—	—	—
Wyoming.....	9	1,346.7	13.99	—	—	—	—	—	—	9	1,346.7	13.99
Pacific Contiguous	485	231.3	2.33	3,900	495.4	5.01	13,378	465.9	4.59	17,763	466.0	4.62
California.....	160	308.5	3.08	3,900	495.4	5.01	13,378	465.9	4.59	17,439	471.2	4.67
Oregon.....	324	193.6	1.96	—	—	—	—	—	—	324	193.6	1.96
Washington.....	—	—	—	*	487.0	5.11	—	—	—	*	487.0	5.11
Pacific Noncontiguous	2,020	167.8	1.68	—	—	—	—	—	—	2,020	167.8	1.68
Alaska.....	2,020	167.8	1.68	—	—	—	—	—	—	2,020	167.8	1.68
Hawaii.....	—	—	—	—	—	—	—	—	—	—	—	—
U. S. Total	75,393	410.1	4.19	29,232	393.6	3.83	28,569	406.5	4.09	133,193	405.8	4.09

¹ Monetary values are expressed in nominal terms.

* = Less than 0.05.

Notes: *Totals may not equal sum of components because of independent rounding. *Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. *Data for 1997 are preliminary. *Mcf=thousand cubic feet.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of 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, 1987 Through February 1997
(Million Kilowatthours)

Period	Residential		Commercial		Industrial		Other ¹		All Sectors	
	Monthly Series ²	Annual Series ³	Monthly Series ²	Annual Series ³	Monthly Series ²	Annual Series ³	Monthly Series ²	Annual Series ³	Monthly Series ²	Annual Series ³
1987	849,613	850,410	673,707	660,433	845,266	858,233	86,854	88,196	2,455,440	2,457,272
1988	892,125	892,866	697,711	699,100	895,751	896,498	82,362	89,598	2,567,949	2,578,062
1989	903,979	905,525	725,229	725,861	926,376	925,659	91,066	89,765	2,646,651	2,646,809
1990	921,473	924,019	750,835	751,027	936,428	945,522	95,936	91,988	2,704,672	2,712,555
1991	957,801	955,417	765,476	765,664	944,684	946,583	96,513	94,339	2,764,474	2,762,003
1992	934,044	935,939	763,664	761,271	965,356	972,714	94,003	93,442	2,757,067	2,763,365
1993	994,380	994,781	790,225	794,573	984,111	977,164	96,065	94,944	2,864,782	2,861,462
1994	1,005,804	1,008,482	827,309	820,269	992,422	1,007,961	95,326	97,830	2,920,860	2,934,563
1995 ⁴										
January.....	96,647	—	68,346	—	81,819	—	8,114	—	254,926	—
February.....	86,778	—	64,861	—	79,337	—	7,827	—	238,802	—
March.....	79,536	—	65,753	—	82,976	—	7,852	—	236,117	—
April.....	68,627	—	63,474	—	81,899	—	7,515	—	221,515	—
May.....	70,136	—	66,351	—	85,122	—	7,614	—	229,223	—
June.....	84,283	—	74,492	—	87,639	—	8,179	—	254,593	—
July.....	104,101	—	81,772	—	86,711	—	8,499	—	281,083	—
August.....	114,992	—	84,413	—	90,357	—	8,766	—	298,527	—
September.....	93,972	—	76,663	—	86,061	—	8,875	—	265,570	—
October.....	74,762	—	71,705	—	85,936	—	8,252	—	240,655	—
November.....	76,986	—	67,394	—	82,735	—	8,002	—	235,116	—
December.....	92,485	—	69,460	—	82,516	—	8,053	—	252,513	—
Total.....	1,043,304	1,042,501	854,682	862,685	1,013,107	1,012,693	97,547	95,407	3,008,641	3,013,287
1996 ⁴										
January.....	108,219	—	72,839	—	81,327	—	8,397	—	270,783	—
February.....	95,763	—	69,851	—	80,967	—	8,174	—	254,755	—
March.....	86,718	—	69,653	—	83,295	—	7,990	—	247,656	—
April.....	74,339	—	66,270	—	80,629	—	7,798	—	229,037	—
May.....	74,263	—	70,950	—	85,034	—	8,070	—	238,317	—
June.....	90,611	—	78,611	—	86,874	—	8,420	—	264,516	—
July.....	105,734	—	83,271	—	86,945	—	8,596	—	284,546	—
August.....	105,168	—	85,326	—	89,106	—	8,833	—	288,432	—
September.....	91,247	—	79,464	—	86,744	—	9,200	—	266,656	—
October.....	75,100	—	73,418	—	86,985	—	8,363	—	243,867	—
November.....	77,966	—	69,852	—	83,543	—	8,096	—	239,456	—
December.....	93,385	—	72,083	—	82,896	—	8,279	—	256,643	—
Total.....	1,078,512	—	891,588	—	1,014,347	—	100,217	—	3,084,664	—
1997 ⁴										
January.....	105,774	—	75,282	—	83,643	—	8,106	—	272,805	—
February.....	89,970	—	69,439	—	81,339	—	7,803	—	248,552	—
Year to Date										
1997 ⁴	195,744	—	144,721	—	164,982	—	15,909	—	521,357	—
1996 ⁴	203,982	—	142,690	—	162,294	—	16,572	—	525,537	—
1995 ⁴	183,425	—	133,207	—	161,156	—	15,941	—	493,729	—

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

² Data are estimates. See technical notes for an explanation of the modification to the sample design as of January 1993 estimates.

³ As of 1984, national retail sales values are based on data reported on the Form EIA-861, "Annual Electric Utility Report."

⁴ Estimates for 1997 are preliminary and for 1996 and prior years are final.

Notes: •Data in the commercial and industrial sectors for sales, revenue, and average revenue per kilowatthour for Maryland, the South Atlantic Census Division, and the U.S. total for 1996 reflect an electric utility's reclassification for this information by Standard Industrial Classification Code (SIC). •Totals may not equal sum of components because of independent rounding. •Estimates for retail sales and net generation may not correspond exactly for a particular month. Net generation data are for the calendar month. Retail sales and associated retail revenue data accumulated from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class, represent consumption occurring in and outside of the calendar month. This, among other reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity), is why the monthly retail sales and generation data are not directly comparable.

Sources: •Monthly Estimates: Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions," formerly the "Electric Utility Company Monthly Statement," and predecessor forms. •Annual Series: Energy Information Administration, Form EIA-861, "Annual Electric Utility Report."

Table 45. Estimated Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, February 1997 and 1996
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other ¹		All Sectors	
	1997	1996	1997	1996	1997	1996	1997	1996	1997	1996
New England	3,435	3,689	3,387	3,491	2,013	2,095	124	127	8,959	9,400
Connecticut.....	940	1,062	816	860	462	484	35	34	2,254	2,441
Maine.....	349	369	279	302	391	364	5	5	1,024	1,040
Massachusetts.....	1,451	1,510	1,680	1,696	732	819	53	60	3,916	4,085
New Hampshire.....	290	320	258	272	178	194	13	11	739	797
Rhode Island.....	224	228	218	219	116	110	15	14	573	571
Vermont.....	181	199	136	141	133	124	3	3	453	467
Middle Atlantic	9,145	9,972	9,731	9,993	6,748	6,691	1,175	1,260	26,799	27,916
New Jersey.....	1,783	1,978	2,310	2,409	1,078	1,125	49	44	5,220	5,556
New York.....	3,422	3,631	4,384	4,517	1,968	1,880	1,036	1,095	10,810	11,123
Pennsylvania.....	3,940	4,362	3,037	3,067	3,702	3,686	90	121	10,769	11,237
East North Central	13,107	14,039	11,156	11,373	18,028	17,567	1,361	1,336	43,651	44,315
Illinois.....	3,330	3,390	3,367	3,162	3,962	3,513	827	798	11,486	10,862
Indiana.....	2,356	2,512	1,428	1,503	3,423	3,456	46	45	7,253	7,516
Michigan.....	2,186	2,454	2,459	2,556	2,825	2,792	74	76	7,543	7,878
Ohio.....	3,682	4,088	2,747	2,907	5,863	5,882	353	364	12,646	13,241
Wisconsin.....	1,554	1,595	1,154	1,245	1,955	1,925	60	53	4,723	4,818
West North Central	6,571	6,886	4,665	4,723	6,020	6,024	430	441	17,686	18,074
Iowa.....	916	968	589	601	1,184	1,162	105	108	2,795	2,838
Kansas.....	762	769	794	818	731	741	34	33	2,320	2,361
Minnesota.....	1,373	1,494	761	771	2,152	2,158	57	56	4,342	4,478
Missouri.....	2,112	2,200	1,653	1,672	1,116	1,162	78	69	4,959	5,102
Nebraska.....	693	705	509	494	495	474	91	95	1,789	1,769
North Dakota.....	386	403	181	186	198	184	39	50	804	824
South Dakota.....	329	349	177	181	144	142	26	30	677	702
South Atlantic	21,013	23,696	14,967	15,492	12,218	12,222	1,662	1,605	49,859	53,015
Delaware.....	317	353	249	247	281	284	5	5	851	889
District of Columbia.....	125	147	569	611	23	20	27	28	744	806
Florida.....	6,350	6,789	4,643	4,379	1,416	1,366	423	418	12,831	12,951
Georgia.....	2,568	2,893	2,030	2,229	2,494	2,486	100	99	7,193	7,707
Maryland.....	1,933	2,407	1,759	1,822	767	801	62	73	4,521	5,103
North Carolina.....	3,758	4,290	2,405	2,459	2,681	2,655	167	160	9,012	9,564
South Carolina.....	1,950	2,206	1,143	1,244	2,368	2,246	67	66	5,529	5,762
Virginia.....	3,207	3,641	1,704	2,013	1,333	1,458	803	748	7,047	7,861
West Virginia.....	805	972	464	488	856	904	8	8	2,133	2,372
East South Central	8,022	9,251	3,289	3,277	10,492	10,063	418	476	22,221	23,067
Alabama.....	1,863	2,156	969	954	2,733	2,581	46	54	5,610	5,745
Kentucky.....	1,740	2,058	776	823	3,456	3,222	229	239	6,201	6,342
Mississippi.....	1,165	1,279	593	588	1,219	1,218	54	53	3,032	3,138
Tennessee.....	3,253	3,757	951	912	3,084	3,043	90	129	7,378	7,842
West South Central	11,729	11,735	7,905	7,781	12,557	11,995	1,332	1,331	33,522	32,841
Arkansas.....	1,118	1,150	561	552	1,221	1,149	47	46	2,947	2,897
Louisiana.....	1,732	1,782	1,207	1,185	2,730	2,638	193	181	5,863	5,786
Oklahoma.....	1,218	1,340	800	846	1,008	874	174	171	3,201	3,231
Texas.....	7,661	7,463	5,337	5,198	7,597	7,334	917	932	21,513	20,928
Mountain	5,075	4,941	4,526	4,373	4,998	5,175	547	547	15,146	15,035
Arizona.....	1,454	1,326	1,245	1,203	948	988	168	159	3,816	3,677
Colorado.....	1,101	1,112	1,183	1,169	823	770	76	93	3,184	3,144
Idaho.....	620	659	350	341	619	623	19	26	1,609	1,649
Montana.....	370	380	264	270	407	470	18	25	1,060	1,145
Nevada.....	487	461	360	365	685	663	57	66	1,589	1,554
New Mexico.....	387	358	414	368	481	451	110	98	1,392	1,275
Utah.....	450	429	487	433	623	591	61	66	1,622	1,518
Wyoming.....	205	215	222	224	412	619	38	15	876	1,073
Pacific Contiguous	11,508	11,166	9,416	8,948	7,928	8,796	734	1,032	29,586	29,942
California.....	5,930	5,704	6,332	5,883	4,575	4,508	352	617	17,189	16,711
Oregon.....	1,741	1,828	1,128	1,093	1,203	1,262	56	58	4,128	4,241
Washington.....	3,837	3,634	1,957	1,972	2,149	3,026	326	357	8,269	8,989
Pacific Noncontiguous	365	387	397	400	339	339	19	22	1,120	1,148
Alaska.....	165	182	190	200	62	48	15	17	432	447
Hawaii.....	200	205	207	201	277	291	5	5	689	701
U.S. Total	89,970	95,763	69,439	69,851	81,339	80,967	7,803	8,174	248,552	254,755

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

² Data in the commercial and industrial sectors for sales, revenue, and average revenue per kilowatthour for Maryland, the South Atlantic Census Division, and the U.S. total for 1996 reflect an electric utility's reclassification for this information by Standard Industrial Classification Code (SIC).

Notes: •Estimates for 1997 are preliminary and for 1996 are final. •Totals may not equal sum of components because of independent rounding. •Estimated retail sales are based on the retail sales by utilities in the sample. •See technical notes for an explanation of the modification to the sample design as of January 1993 estimates. •Estimates for sales and net generation may not correspond exactly for a particular month. Net generation data are for the calendar month. Retail sales and associated retail revenue data accumulated from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class, represent consumption occurring in and outside of the calendar month. This, among other reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity), is why the monthly retail sales and generation data are not directly comparable.

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

Table 46. Estimated Coefficients of Variation for Electric Utility Retail Sales of Electricity by Sector, Census Division and State, February 1997
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	1.1	1.4	2.1	0.9	1.1
Connecticut.....	.5	.1	.1	1.1	.3
Maine.....	.3	3.6	3.4	14.3	.1
Massachusetts.....	2.5	2.8	5.5	1.3	2.5
New Hampshire.....	2.8	.4	2.5	3.6	2.3
Rhode Island.....	.1	.1	.3	.5	.1
Vermont.....	1.9	1.5	1.4	2.5	1.4
Middle Atlantic	2.7	.8	2.1	.6	1.6
New Jersey.....	1.5	.7	1.4	1.2	1.1
New York.....	2.7	1.1	.8	.4	1.2
Pennsylvania.....	5.9	1.8	3.7	6.6	3.7
East North Central	.9	1.2	1.7	.9	.8
Illinois.....	1.4	2.5	3.5	.6	2.5
Indiana.....	3.0	1.5	1.4	1.2	1.5
Michigan.....	.7	3.9	9.2	4.8	1.3
Ohio.....	1.9	.9	1.5	1.9	.9
Wisconsin.....	1.8	2.8	1.0	12.5	1.8
West North Central	1.2	.5	.8	3.7	.6
Iowa.....	1.3	1.5	2.1	.6	.6
Kansas.....	2.2	.6	1.3	8.8	1.2
Minnesota.....	4.7	2.3	1.6	3.2	2.0
Missouri.....	1.5	.2	.8	2.7	.6
Nebraska.....	3.3	1.4	3.3	16.7	2.3
North Dakota.....	3.9	4.9	8.5	4.5	2.9
South Dakota.....	3.5	1.9	3.5	6.1	2.7
South Atlantic	.7	.8	.5	.4	.5
Delaware.....	.5	.1	1.8	2.9	.9
District of Columbia.....	.0	.0	.0	.0	.0
Florida.....	.8	1.8	2.0	1.2	.8
Georgia.....	2.7	1.2	1.1	2.4	1.3
Maryland.....	1.5	1.0	.7	1.2	.8
North Carolina.....	3.2	3.1	.9	2.4	2.1
South Carolina.....	1.7	1.1	1.0	.7	.7
Virginia.....	.8	1.1	2.7	.2	.4
West Virginia.....	.7	.5	.3	.2	.5
East South Central	3.0	2.0	1.0	4.6	1.4
Alabama.....	9.8	5.8	1.0	2.2	4.0
Kentucky.....	4.6	1.4	1.3	.5	1.5
Mississippi.....	2.3	2.8	1.6	1.7	1.9
Tennessee.....	4.0	2.7	2.7	21.4	2.4
West South Central	2.5	.6	.5	.8	.7
Arkansas.....	1.5	.9	.1	3.8	.8
Louisiana.....	2.1	1.2	.6	2.3	1.3
Oklahoma.....	4.6	4.0	1.2	.2	2.8
Texas.....	3.7	.7	.7	1.0	1.0
Mountain	.7	.6	.5	3.3	.6
Arizona.....	.7	.8	.9	2.4	.9
Colorado.....	.8	.3	.9	11.6	.6
Idaho.....	2.6	5.5	1.0	16.3	2.0
Montana.....	6.0	3.3	2.3	2.2	3.7
Nevada.....	3.1	1.0	.8	1.4	1.6
New Mexico.....	.9	2.0	2.3	1.3	1.5
Utah.....	1.3	.3	.4	1.1	.1
Wyoming.....	5.8	5.4	4.4	38.7	6.5
Pacific Contiguous	1.3	.6	3.9	6.3	2.4
California.....	2.1	.6	2.0	12.7	.2
Oregon.....	3.6	2.0	4.4	10.7	3.4
Washington.....	1.6	1.6	13.6	2.9	8.4
Pacific Noncontiguous	.3	.3	2.3	6.3	.7
Alaska.....	.5	.6	12.0	8.2	1.8
Hawaii.....	.3	.1	.7	.7	.4
U.S. Average	.6	.3	.6	.8	.4

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

Notes: •For an explanation of coefficients of variation, see the technical notes. •It should be noted such things as large changes in retail sales, re-classification of retail sales, or changes in billing procedures can contribute to unusually high coefficient of variations. •Estimates for 1997 are preliminary.

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

Table 47. Estimated Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, Year-to-Date 1997 and 1996
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other ¹		All Sectors	
	1997	1996	1997	1996	1997	1996	1997	1996	1997	1996
New England	7,487	7,885	7,189	7,312	4,059	4,078	258	267	18,993	19,542
Connecticut.....	2,092	2,254	1,802	1,838	914	929	72	70	4,879	5,091
Maine.....	720	745	575	589	802	701	11	10	2,108	2,045
Massachusetts.....	3,142	3,263	3,539	3,574	1,486	1,602	113	131	8,279	8,570
New Hampshire.....	659	707	542	573	358	368	25	23	1,585	1,670
Rhode Island.....	476	493	447	448	228	222	31	28	1,181	1,192
Vermont.....	398	422	284	289	272	257	7	6	961	974
Middle Atlantic	19,747	21,031	20,012	20,324	13,865	13,528	2,430	2,541	56,055	57,424
New Jersey.....	3,937	4,177	4,860	5,016	2,132	2,190	99	94	11,028	11,477
New York.....	7,272	7,542	8,984	9,122	4,060	3,944	2,067	2,196	22,384	22,804
Pennsylvania.....	8,537	9,311	6,169	6,187	7,673	7,394	264	251	22,643	23,142
East North Central	29,951	30,509	23,591	23,188	35,872	34,812	2,740	2,695	92,153	91,204
Illinois.....	7,341	7,289	6,786	6,371	7,417	6,986	1,626	1,574	23,170	22,219
Indiana.....	5,386	5,511	3,072	3,082	6,948	6,969	100	99	15,506	15,661
Michigan.....	5,184	5,298	5,174	5,203	5,466	5,330	151	162	15,975	15,993
Ohio.....	8,635	8,969	5,953	5,963	12,065	11,726	725	747	27,378	27,404
Wisconsin.....	3,406	3,442	2,606	2,570	3,975	3,802	138	113	10,125	9,927
West North Central	14,793	14,918	10,014	9,818	12,407	12,194	909	917	38,122	37,847
Iowa.....	2,091	2,102	1,248	1,235	2,395	2,316	226	229	5,959	5,882
Kansas.....	1,697	1,703	1,704	1,669	1,496	1,527	66	66	4,963	4,965
Minnesota.....	3,052	3,214	1,605	1,550	4,480	4,371	120	119	9,257	9,255
Missouri.....	4,852	4,886	3,627	3,587	2,309	2,368	164	152	10,952	10,994
Nebraska.....	1,526	1,474	1,066	1,024	1,020	968	193	192	3,805	3,658
North Dakota.....	858	840	391	392	406	358	85	100	1,740	1,690
South Dakota.....	716	699	373	360	301	285	56	60	1,446	1,403
South Atlantic	45,157	50,926	31,663	2 31,585	25,122	2 24,087	3,297	3,258	105,239	109,856
Delaware.....	647	716	506	504	571	550	9	10	1,733	1,780
District of Columbia.....	278	318	1,255	1,218	45	42	59	59	1,637	1,636
Florida.....	13,132	14,715	9,463	8,882	2,824	2,750	860	791	26,279	27,137
Georgia.....	5,804	6,288	4,446	4,579	5,136	4,914	206	204	15,592	15,984
Maryland.....	4,350	5,089	3,847	2 3,877	1,660	2 1,657	134	142	9,990	10,765
North Carolina.....	8,046	9,170	4,897	5,004	5,341	5,053	333	334	18,617	19,560
South Carolina.....	4,108	4,699	2,354	2,447	4,723	4,406	137	136	11,322	11,688
Virginia.....	6,909	7,849	3,874	4,028	3,009	2,866	1,542	1,566	15,334	16,309
West Virginia.....	1,884	2,084	1,021	1,046	1,813	1,849	17	17	4,735	4,995
East South Central	17,587	19,583	6,955	6,867	21,259	20,457	867	982	46,668	47,889
Alabama.....	4,223	4,805	2,073	2,040	5,347	5,181	92	109	11,736	12,135
Kentucky.....	4,093	4,503	1,747	1,758	7,195	6,540	491	492	13,527	13,293
Mississippi.....	2,426	2,630	1,230	1,191	2,494	2,455	109	105	6,259	6,382
Tennessee.....	6,845	7,645	1,904	1,878	6,222	6,280	175	275	15,147	16,078
West South Central	25,003	24,797	16,486	15,947	25,143	23,897	2,727	2,652	69,358	67,293
Arkansas.....	2,341	2,406	1,159	1,134	2,462	2,312	97	93	6,060	5,945
Louisiana.....	3,699	3,795	2,487	2,408	5,529	5,259	389	374	12,105	11,836
Oklahoma.....	2,753	2,910	1,745	1,755	1,963	1,817	363	340	6,824	6,822
Texas.....	16,210	15,686	11,095	10,650	15,188	14,509	1,877	1,845	44,370	42,690
Mountain	11,156	10,670	9,254	8,939	10,362	10,484	1,151	1,103	31,923	31,196
Arizona.....	3,123	2,896	2,519	2,443	1,964	1,956	364	332	7,971	7,626
Colorado.....	2,333	2,294	2,356	2,354	1,657	1,587	156	177	6,502	6,412
Idaho.....	1,433	1,426	762	733	1,313	1,310	46	53	3,555	3,522
Montana.....	832	812	567	552	845	989	38	52	2,283	2,405
Nevada.....	1,126	1,056	762	715	1,394	1,334	126	122	3,408	3,227
New Mexico.....	833	794	818	783	931	931	209	202	2,791	2,710
Utah.....	1,018	959	1,020	920	1,256	1,210	137	136	3,431	3,225
Wyoming.....	457	434	450	438	1,002	1,167	75	30	1,984	2,069
Pacific Contiguous	24,062	22,853	18,742	17,895	16,178	18,060	1,491	2,113	60,474	60,921
California.....	12,503	11,924	12,567	11,870	9,291	9,329	709	1,276	35,070	34,399
Oregon.....	3,770	3,754	2,261	2,176	2,477	2,553	111	122	8,619	8,605
Washington.....	7,789	7,176	3,913	3,849	4,410	6,178	671	715	16,784	17,917
Pacific Noncontiguous	801	810	815	816	716	697	40	43	2,372	2,365
Alaska.....	367	375	401	400	129	97	31	34	927	906
Hawaii.....	434	435	414	415	588	600	9	10	1,445	1,460
U.S. Total	195,744	203,982	144,721	2 142,690	164,982	2 162,294	15,909	16,572	521,357	525,537

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

² Data in the commercial and industrial sectors for sales, revenue, and average revenue per kilowatthour for Maryland, the South Atlantic Census Division, and the U.S. total for 1996 reflect an electric utility's reclassification for this information by Standard Industrial Classification Code (SIC).

Notes: *Estimates for 1997 are preliminary and for 1996 are final. *Totals may not equal sum of components because of independent rounding. *Estimated retail sales and associated retail revenue are based on retail sales by the utilities in the sample. *See technical notes for an explanation of the modification to the sample design as of January 1993 estimates.

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, 1987 Through February 1997
(Million Dollars)

Period	Residential		Commercial		Industrial		Other ¹		All Sectors	
	Monthly Series ²	Annual Series	Monthly Series ²	Annual Series	Monthly Series ²	Annual Series	Monthly Series ²	Annual Series	Monthly Series ²	Annual Series
1987	NA	63,318	NA	46,787	NA	40,949	NA	5,479	NA	156,532
1988	NA	66,790	NA	49,224	NA	42,145	NA	5,551	NA	163,710
1989	NA	69,240	NA	52,228	NA	43,719	NA	5,609	NA	170,797
1990	NA	72,378	NA	55,117	NA	44,857	NA	5,891	NA	178,243
1991	NA	76,828	NA	57,655	NA	45,737	NA	6,138	NA	186,359
1992	76,907	76,848	58,273	58,343	46,770	46,993	6,260	6,296	188,209	188,480
1993	82,900	82,814	61,030	61,521	47,828	47,357	6,587	6,528	198,345	198,220
1994	84,538	84,552	64,142	63,396	46,825	48,069	6,472	6,689	201,978	202,706
1995 ³										
January.....	7,599	—	5,019	—	3,694	—	525	—	16,838	—
February.....	6,960	—	4,867	—	3,639	—	515	—	15,981	—
March.....	6,483	—	4,959	—	3,783	—	519	—	15,744	—
April.....	5,782	—	4,765	—	3,720	—	487	—	14,754	—
May.....	5,992	—	5,078	—	3,890	—	516	—	15,475	—
June.....	7,362	—	5,928	—	4,250	—	569	—	18,109	—
July.....	9,175	—	6,602	—	4,323	—	590	—	20,689	—
August.....	10,110	—	6,719	—	4,527	—	598	—	21,954	—
September.....	8,066	—	6,019	—	4,149	—	594	—	18,827	—
October.....	6,477	—	5,636	—	4,074	—	565	—	16,752	—
November.....	6,370	—	5,126	—	3,759	—	532	—	15,787	—
December.....	7,424	—	5,119	—	3,720	—	524	—	16,787	—
Total.....	87,800	87,610	65,837	66,365	47,528	47,175	6,532	6,567	207,698	207,717
1996 ³										
January.....	8,423	—	5,321	—	3,637	—	545	—	17,926	—
February.....	7,504	—	5,157	—	3,643	—	537	—	16,842	—
March.....	7,037	—	5,188	—	3,738	—	532	—	16,495	—
April.....	6,149	—	4,954	—	3,598	—	513	—	15,214	—
May.....	6,363	—	5,400	—	3,856	—	550	—	16,169	—
June.....	7,865	—	6,062	—	4,111	—	595	—	18,634	—
July.....	9,268	—	6,614	—	4,241	—	594	—	20,718	—
August.....	9,355	—	6,808	—	4,310	—	609	—	21,083	—
September.....	8,051	—	6,320	—	4,147	—	614	—	19,132	—
October.....	6,537	—	5,753	—	4,011	—	577	—	16,878	—
November.....	6,454	—	5,245	—	3,721	—	537	—	15,958	—
December.....	7,490	—	5,250	—	3,633	—	534	—	16,908	—
Total.....	90,498	—	68,073	—	46,646	—	6,738	—	211,955	—
1997 ³										
January.....	8,346	—	5,505	—	3,712	—	552	—	18,115	—
February.....	7,202	—	5,156	—	3,613	—	524	—	16,496	—
Year to Date										
1997 ³	15,549	—	10,662	—	7,325	—	1,076	—	34,611	—
1996 ³	15,927	—	10,478	—	7,280	—	1,082	—	34,767	—
1995 ³	14,560	—	9,886	—	7,333	—	1,040	—	32,819	—

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

² Data are estimates. See technical notes for an explanation of the modification to the sample design as of January 1993 estimates.

³ Estimates for 1997 are preliminary and for 1996 and prior years are final. For further information, see the technical notes.

NA=Data not available.

Notes: •Data in the commercial and industrial sectors for sales, revenue, and average revenue per kilowatthour for Maryland, the South Atlantic Census Division, and the U.S. total for 1996 reflect an electric utility's reclassification for this information by Standard Industrial Classification Code (SIC).

•Totals may not equal sum of components because of independent rounding. •Monetary values are expressed in nominal terms. Retail revenue does not include taxes, such as sales and excise taxes, that are assessed on the consumer and collected through the utility. •Estimated retail sales and associated retail revenue are based on retail sales by the utilities in the sample.

Sources: •Monthly Estimates: Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions," formerly the "Electric Utility Company Monthly Statement," and predecessor forms. •Annual Series: Energy Information Administration, Form EIA-861, "Annual Electric Utility Report."

Table 49. Estimated Revenue from Electric Utility Retail Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, February 1997 and 1996
(Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Other ¹		All Sectors	
	1997	1996	1997	1996	1997	1996	1997	1996	1997	1996
New England	403	434	345	360	165	172	17	17	930	984
Connecticut.....	111	127	81	94	34	38	5	5	231	265
Maine.....	44	47	33	36	31	29	1	1	110	113
Massachusetts.....	162	167	163	159	62	66	7	8	394	400
New Hampshire.....	37	43	28	31	16	18	1	2	82	92
Rhode Island.....	25	26	24	23	11	10	2	2	61	60
Vermont.....	23	24	17	17	11	11	1	*	52	53
Middle Atlantic	1,037	1,106	981	981	408	409	108	114	2,535	2,610
New Jersey.....	207	227	234	240	86	92	8	8	535	566
New York.....	470	491	500	496	105	97	90	93	1,166	1,178
Pennsylvania.....	360	388	246	245	217	219	10	13	834	866
East North Central	1,051	1,111	786	817	769	777	90	90	2,696	2,795
Illinois.....	310	318	238	233	178	176	51	51	778	778
Indiana.....	154	159	85	89	134	135	4	4	378	387
Michigan.....	189	207	193	207	144	148	8	8	534	569
Ohio.....	291	318	205	218	241	247	22	23	759	807
Wisconsin.....	106	109	65	71	72	72	4	3	247	255
West North Central	430	443	265	271	243	245	26	28	964	988
Iowa.....	69	71	34	34	43	42	6	7	153	155
Kansas.....	55	56	50	53	33	35	3	3	141	148
Minnesota.....	100	104	46	47	90	91	4	4	241	247
Missouri.....	124	129	85	89	43	45	5	5	257	269
Nebraska.....	38	37	26	25	18	17	5	5	87	84
North Dakota.....	23	22	11	11	9	8	2	2	44	44
South Dakota.....	22	23	12	12	6	6	1	1	41	42
South Atlantic	1,603	1,765	978	2 999	507	2 524	98	101	3,185	3,390
Delaware.....	27	28	17	16	13	13	1	1	58	58
District of Columbia.....	9	10	34	37	1	1	2	2	45	49
Florida.....	526	545	323	301	75	70	30	29	954	946
Georgia.....	183	204	153	163	96	108	8	8	441	483
Maryland.....	145	175	107	2 108	29	2 31	5	6	287	321
North Carolina.....	291	327	151	152	121	119	12	11	575	609
South Carolina.....	141	161	69	75	84	86	4	4	298	326
Virginia.....	233	254	99	119	55	59	35	40	421	472
West Virginia.....	49	60	26	28	32	36	1	1	107	125
East South Central	485	547	204	204	381	375	26	28	1,096	1,154
Alabama.....	122	135	63	62	98	96	3	3	287	296
Kentucky.....	95	113	40	44	96	92	10	11	242	261
Mississippi.....	79	83	43	42	54	53	5	5	180	182
Tennessee.....	189	216	57	56	133	135	7	9	387	415
West South Central	837	763	545	489	530	464	86	78	1,997	1,794
Arkansas.....	82	78	36	34	50	45	3	3	172	160
Louisiana.....	135	133	91	86	127	114	14	15	366	347
Oklahoma.....	72	76	39	39	35	29	7	7	154	151
Texas.....	548	477	379	329	319	277	61	53	1,306	1,135
Mountain	362	357	286	285	196	214	29	30	873	887
Arizona.....	115	112	91	91	46	50	8	8	259	262
Colorado.....	81	81	67	70	36	35	6	7	190	193
Idaho.....	31	33	16	16	16	17	1	1	63	67
Montana.....	24	24	17	17	15	19	1	2	57	62
Nevada.....	34	34	23	25	28	28	2	3	87	89
New Mexico.....	34	32	33	30	21	19	7	6	95	88
Utah.....	31	30	28	25	20	25	3	3	81	82
Wyoming.....	12	12	11	11	16	21	1	1	40	45
Pacific Contiguous	945	929	720	707	378	430	42	48	2,085	2,114
California.....	650	636	560	546	272	290	27	31	1,508	1,502
Oregon.....	96	106	57	57	41	46	3	3	197	212
Washington.....	200	188	103	103	65	95	13	14	380	400
Pacific Noncontiguous	49	47	47	43	36	32	3	3	134	125
Alaska.....	18	19	18	18	5	4	2	2	44	43
Hawaii.....	30	28	29	26	31	28	1	1	91	82
U.S. Total	7,202	7,504	5,156	2 5,157	3,613	2 3,643	524	537	16,496	16,842

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

² Data in the commercial and industrial sectors for sales, revenue, and average revenue per kilowatt-hour for Maryland, the South Atlantic Census Division, and the U.S. total for 1996 reflect an electric utility's reclassification for this information by Standard Industrial Classification Code (SIC).

* Less than 0.5.

Notes: *Estimates for 1997 are preliminary and for 1996 are final. *Totals may not equal sum of components because of independent rounding.

*Monetary values are expressed in nominal terms. Retail revenue does not include taxes, such as sales and excise taxes, that are assessed on the consumer and collected through the utility. *Estimated retail sales and associated retail revenue are based on retail sales by the utilities in the sample. *See technical notes for an explanation of the modification to the sample design as of January 1993 estimates.

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 Electric Utility Retail Sales of Electricity by Sector, Census Division, and State, February 1997
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.8	1.4	2.6	1.4	1.0
Connecticut.....	.7	.2	.5	.3	.5
Maine.....	.1	2.3	4.9	6.7	.8
Massachusetts.....	2.0	2.9	6.4	2.3	2.2
New Hampshire.....	1.8	.7	3.9	11.6	2.0
Rhode Island.....	.6	.1	.1	.2	.1
Vermont.....	.8	.7	5.1	1.9	1.4
Middle Atlantic	2.5	.9	1.6	1.1	1.5
New Jersey.....	1.3	.8	1.3	.1	1.0
New York.....	2.3	1.4	1.7	.9	1.5
Pennsylvania.....	6.5	2.0	2.9	8.9	4.1
East North Central	1.0	1.1	1.6	.9	.8
Illinois.....	1.9	2.0	1.6	1.0	1.9
Indiana.....	3.7	1.5	1.5	2.2	2.2
Michigan.....	.5	3.5	8.2	2.1	1.1
Ohio.....	2.3	1.2	.6	2.8	1.1
Wisconsin.....	2.0	3.3	1.6	3.4	2.3
West North Central	2.1	.7	.9	3.8	1.0
Iowa.....	2.3	2.7	1.5	.0	1.3
Kansas.....	2.5	1.3	2.2	2.6	1.9
Minnesota.....	7.8	1.9	1.7	3.1	3.1
Missouri.....	3.1	1.3	1.6	3.8	2.1
Nebraska.....	2.1	1.6	1.4	19.8	1.6
North Dakota.....	3.3	3.3	9.5	4.0	2.9
South Dakota.....	3.9	2.6	4.2	3.8	2.9
South Atlantic	1.1	1.1	.8	.6	.9
Delaware.....	.2	1.0	.4	1.0	.3
District of Columbia.....	.0	.0	.0	.0	.0
Florida.....	1.9	2.8	3.1	1.1	2.0
Georgia.....	3.0	.6	.9	1.8	1.3
Maryland.....	2.4	2.3	1.3	.3	1.7
North Carolina.....	4.4	3.6	1.5	2.9	3.2
South Carolina.....	1.3	.9	2.4	2.2	1.3
Virginia.....	.1	1.9	2.9	.6	.9
West Virginia.....	.8	.4	.4	1.2	.6
East South Central	3.0	2.1	1.0	4.6	1.7
Alabama.....	9.5	5.9	1.4	2.0	5.3
Kentucky.....	4.1	1.7	1.5	.7	1.9
Mississippi.....	2.3	2.6	2.5	5.5	2.2
Tennessee.....	3.9	3.2	2.3	15.8	2.1
West South Central	2.0	1.0	1.6	1.4	.7
Arkansas.....	1.3	1.8	2.4	4.1	1.5
Louisiana.....	2.2	1.4	.3	4.7	1.5
Oklahoma.....	6.0	7.5	5.6	.5	5.9
Texas.....	2.8	1.1	2.5	1.6	.6
Mountain	.6	.7	1.0	2.5	.8
Arizona.....	1.0	1.4	2.0	2.6	1.3
Colorado.....	1.3	1.2	1.7	2.6	1.5
Idaho.....	2.5	6.0	3.0	9.7	2.3
Montana.....	2.4	.6	3.0	5.2	3.3
Nevada.....	3.5	2.1	4.3	4.7	3.8
New Mexico.....	1.4	.6	2.9	9.3	1.1
Utah.....	1.5	.2	.2	1.7	.7
Wyoming.....	4.4	5.3	4.2	19.4	5.8
Pacific Contiguous	1.8	2.0	2.7	5.5	1.4
California.....	2.5	2.6	1.1	8.3	1.1
Oregon.....	1.7	.6	4.8	5.4	2.0
Washington.....	1.8	1.5	14.6	5.5	6.2
Pacific Noncontiguous	.7	.5	2.1	8.9	.9
Alaska.....	1.4	.8	11.6	11.2	1.9
Hawaii.....	.8	.6	1.6	1.4	.9
U.S. Average	.6	.5	.6	.7	.4

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

Notes: *Estimates for 1997 are preliminary. *It should be noted 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. *For an explanation of coefficient of variation, see the technical notes.

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

Table 51. Estimated Revenue from Electric Utility Retail Sales to Ultimate Consumers by Sector, Census Division, and State, Year-to-Date 1997 and 1996
(Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Other ¹		All Sectors	
	1997	1996	1997	1996	1997	1996	1997	1996	1997	1996
New England	881	908	729	738	336	340	34	36	1,979	2,021
Connecticut.....	246	269	182	195	71	75	9	9	508	548
Maine.....	92	95	68	70	63	57	2	2	226	224
Massachusetts.....	351	346	336	328	125	131	15	17	828	822
New Hampshire.....	86	93	59	64	32	34	2	3	179	194
Rhode Island.....	54	53	48	46	21	20	4	3	126	123
Vermont.....	51	51	36	35	24	23	1	1	112	109
Middle Atlantic	2,232	2,320	2,009	1,998	836	823	230	229	5,307	5,369
New Jersey.....	456	477	491	501	171	178	15	15	1,135	1,171
New York.....	1,002	1,018	1,025	1,006	216	206	188	187	2,431	2,417
Pennsylvania.....	774	825	493	490	449	439	26	26	1,741	1,781
East North Central	2,379	2,389	1,648	1,642	1,540	1,532	179	179	5,747	5,742
Illinois.....	677	678	475	465	351	350	103	100	1,606	1,594
Indiana.....	351	347	183	181	274	273	9	8	817	809
Michigan.....	449	444	407	413	280	281	15	16	1,152	1,155
Ohio.....	672	686	439	436	490	486	44	46	1,645	1,655
Wisconsin.....	230	233	145	146	144	141	9	8	528	528
West North Central	946	952	563	560	497	491	53	56	2,059	2,059
Iowa.....	154	153	74	71	87	82	13	14	328	320
Kansas.....	121	123	109	109	69	72	6	7	305	311
Minnesota.....	215	220	95	94	185	182	8	8	504	504
Missouri.....	280	285	185	189	89	94	11	11	565	578
Nebraska.....	80	77	53	51	36	34	10	10	179	172
North Dakota.....	48	46	23	23	18	15	3	3	92	88
South Dakota.....	47	46	24	23	13	13	2	3	87	85
South Atlantic	3,415	3,763	2,058	2,015	1,042	1,033	200	204	6,715	7,015
Delaware.....	54	57	34	33	27	26	1	1	116	117
District of Columbia.....	19	21	74	71	2	1	4	3	98	97
Florida.....	1,084	1,178	653	606	149	141	61	56	1,947	1,980
Georgia.....	405	431	322	327	196	210	17	17	940	984
Maryland.....	323	369	233	228	64	65	11	11	631	673
North Carolina.....	622	695	312	308	244	231	23	22	1,201	1,256
South Carolina.....	300	339	147	150	170	169	8	8	625	666
Virginia.....	495	543	227	234	122	118	74	84	918	979
West Virginia.....	113	128	56	60	68	73	1	1	238	263
East South Central	1,047	1,153	427	424	774	755	52	56	2,300	2,389
Alabama.....	268	300	134	134	191	194	7	7	600	634
Kentucky.....	217	245	89	92	201	184	22	23	529	543
Mississippi.....	164	169	89	85	110	104	10	9	373	367
Tennessee.....	398	440	115	114	271	272	14	18	798	844
West South Central	1,756	1,643	1,116	1,017	1,056	937	172	159	4,101	3,756
Arkansas.....	172	169	76	72	101	92	7	6	356	340
Louisiana.....	278	276	182	171	245	220	27	29	733	696
Oklahoma.....	157	159	84	82	67	62	15	14	323	317
Texas.....	1,150	1,039	774	691	643	562	123	110	2,689	2,402
Mountain	792	765	585	579	404	427	61	60	1,843	1,831
Arizona.....	246	237	185	184	94	98	17	17	542	535
Colorado.....	170	167	136	140	71	72	13	13	390	392
Idaho.....	72	74	33	34	32	35	2	3	140	145
Montana.....	55	51	36	35	31	40	3	3	125	129
Nevada.....	79	75	50	48	57	57	5	5	191	185
New Mexico.....	74	70	66	62	42	39	13	12	194	183
Utah.....	70	66	57	53	40	48	6	6	173	173
Wyoming.....	27	25	23	22	35	39	3	2	88	88
Pacific Contiguous	1,994	1,937	1,430	1,417	764	876	88	99	4,276	4,328
California.....	1,385	1,346	1,112	1,099	548	595	55	63	3,100	3,104
Oregon.....	205	216	113	115	82	91	6	7	406	429
Washington.....	404	374	205	202	134	191	26	28	770	795
Pacific Noncontiguous	106	99	96	89	75	65	6	6	283	259
Alaska.....	41	40	38	37	11	8	5	5	94	89
Hawaii.....	65	59	58	52	64	57	1	1	189	170
U.S. Total	15,549	15,927	10,662	10,478	7,325	7,280	1,076	1,082	34,611	34,767

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

² Data in the commercial and industrial sectors for sales, revenue, and average revenue per kilowatt-hour for Maryland, the South Atlantic Census Division, and the U.S. total for 1996 reflect an electric utility's reclassification for this information by Standard Industrial Classification Code (SIC).

Notes: •Estimates for 1997 are preliminary and for 1996 are final. •Totals may not equal sum of components because of independent rounding.

•Monetary values are expressed in nominal terms. Retail revenue does not include taxes, such as sales and excise taxes, that are assessed on the consumer and collected through the utility. •Estimated retail sales and associated retail revenue are based on retail sales by the utilities in the sample. •See technical notes for an explanation of the modification to the sample design as of January 1993 estimates.

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, 1987
Through February 1997
(Cents)**

Period	Residential		Commercial		Industrial		Other ¹		All Sectors	
	Monthly Series ²	Annual Series	Monthly Series ²	Annual Series	Monthly Series ²	Annual Series	Monthly Series ²	Annual Series	Monthly Series ²	Annual Series
1987	7.4	7.45	7.0	7.08	4.7	4.77	6.6	6.21	6.3	6.37
1988	7.5	7.48	7.1	7.04	4.6	4.70	6.0	6.20	6.3	6.35
1989	7.6	7.65	7.2	7.20	4.7	4.72	6.2	6.25	6.4	6.45
1990	7.8	7.83	7.3	7.34	4.8	4.74	6.2	6.40	6.6	6.57
1991	8.0	8.04	7.5	7.53	4.8	4.83	6.4	6.51	6.8	6.75
1992	8.2	8.21	7.6	7.66	4.8	4.83	6.7	6.74	6.8	6.82
1993	8.34	8.32	7.72	7.74	4.86	4.85	6.86	6.88	6.92	6.93
1994	8.41	8.38	7.75	7.73	4.72	4.77	6.79	6.84	6.92	6.91
1995 3										
January	7.86	—	7.34	—	4.52	—	6.47	—	6.60	—
February	8.02	—	7.50	—	4.59	—	6.58	—	6.69	—
March	8.15	—	7.54	—	4.56	—	6.60	—	6.67	—
April	8.43	—	7.51	—	4.54	—	6.47	—	6.66	—
May	8.54	—	7.65	—	4.57	—	6.77	—	6.75	—
June	8.73	—	7.96	—	4.85	—	6.96	—	7.11	—
July	8.81	—	8.07	—	4.98	—	6.94	—	7.36	—
August	8.79	—	7.96	—	5.01	—	6.82	—	7.35	—
September	8.58	—	7.85	—	4.82	—	6.69	—	7.09	—
October	8.66	—	7.86	—	4.74	—	6.84	—	6.96	—
November	8.27	—	7.61	—	4.54	—	6.65	—	6.71	—
December	8.03	—	7.37	—	4.51	—	6.51	—	6.65	—
Average ³	8.42	8.40	7.70	7.69	4.69	4.66	6.70	6.88	6.90	6.89
1996 3										
January	7.78	—	7.30	—	4.47	—	6.50	—	6.62	—
February	7.84	—	7.38	—	4.50	—	6.57	—	6.61	—
March	8.11	—	7.45	—	4.49	—	6.66	—	6.66	—
April	8.27	—	7.48	—	4.46	—	6.58	—	6.64	—
May	8.57	—	7.61	—	4.53	—	6.81	—	6.78	—
June	8.68	—	7.71	—	4.73	—	7.07	—	7.04	—
July	8.77	—	7.94	—	4.88	—	6.92	—	7.28	—
August	8.90	—	7.98	—	4.84	—	6.90	—	7.31	—
September	8.82	—	7.95	—	4.78	—	6.67	—	7.17	—
October	8.70	—	7.84	—	4.61	—	6.90	—	6.92	—
November	8.28	—	7.51	—	4.45	—	6.63	—	6.66	—
December	8.02	—	7.28	—	4.38	—	6.45	—	6.59	—
Average ³	8.39	—	7.63	—	4.60	—	6.72	—	6.87	—
1997 3										
January	7.89	—	7.31	—	4.44	—	6.80	—	6.64	—
February	8.01	—	7.43	—	4.44	—	6.72	—	6.64	—
Year-to-Date Average										
1997 Average ³	7.94	—	7.37	—	4.44	—	6.76	—	6.64	—
1996 Average ³	7.81	—	7.34	—	4.49	—	6.53	—	6.62	—
1995 Average ³	7.94	—	7.42	—	4.55	—	6.52	—	6.65	—

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

² Data are estimates. See the technical notes for an explanation of the modification to the sample design as of January 1993 estimates.

³ Estimates for 1997 are preliminary and for 1996 and prior years are final.

Notes: •Data in the commercial and industrial sectors for sales, revenue, and average revenue per kilowatthour for Maryland, the South Atlantic Census Division, and the U.S. total for 1996 reflect an electric utility's reclassification for this information by Standard Industrial Classification Code (SIC).

•Monetary values are expressed in nominal terms. Retail revenue and 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. •These estimates are calculated by dividing retail revenue by retail sales.

Revenue may not correspond to retail sales for a particular month because of utility billing and accounting procedures. This could result in uncharacteristic increases or decreases in the monthly average revenue per kilowatthour. •For an explanation of the modifications reflecting data precision, see the technical notes.

Sources: •Monthly Estimates: Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions," formerly the "Electric Utility Company Monthly Statement," and predecessor forms. •Annual Series: Energy Information Administration, Form EIA-861, "Annual Electric Utility Report."

Table 53. Estimated Electric Utility Average Revenue per Kilowatthour by Sector, Census Division, and State, February 1997 and 1996
(Cents)

Census Division and State	Residential		Commercial		Industrial		Other ¹		All Sectors	
	1997	1996	1997	1996	1997	1996	1997	1996	1997	1996
New England	11.7	11.8	10.2	10.3	8.2	8.2	13.4	13.8	10.4	10.5
Connecticut.....	11.8	12.0	9.9	11.0	7.5	7.9	13.0	13.5	10.2	10.8
Maine.....	12.7	12.7	11.9	11.8	7.9	8.1	23.8	23.3	10.7	10.9
Massachusetts.....	11.2	11.0	9.7	9.4	8.5	8.1	14.1	13.4	10.1	9.8
New Hampshire.....	12.8	13.3	10.8	11.2	8.8	9.1	8.7	15.7	11.1	11.6
Rhode Island.....	11.1	11.5	10.8	10.4	9.1	8.9	12.0	10.7	10.6	10.5
Vermont.....	12.8	12.1	12.7	12.1	8.5	9.0	15.6	16.1	11.6	11.3
Middle Atlantic	11.3	11.1	10.1	9.8	6.0	6.1	9.2	9.1	9.5	9.3
New Jersey.....	11.6	11.5	10.1	9.9	8.0	8.2	15.7	17.1	10.3	10.2
New York.....	13.7	13.5	11.4	11.0	5.3	5.2	8.7	8.5	10.8	10.6
Pennsylvania.....	9.1	8.9	8.1	8.0	5.9	6.0	11.3	10.9	7.7	7.7
East North Central	8.0	7.9	7.0	7.2	4.3	4.4	6.6	6.7	6.2	6.3
Illinois.....	9.3	9.4	7.1	7.4	4.5	5.0	6.2	6.4	6.8	7.2
Indiana.....	6.5	6.3	6.0	5.9	3.9	3.9	9.3	9.0	5.2	5.1
Michigan.....	8.6	8.4	7.8	8.1	5.1	5.3	10.9	10.5	7.1	7.2
Ohio.....	7.9	7.8	7.5	7.5	4.1	4.2	6.1	6.4	6.0	6.1
Wisconsin.....	6.8	6.8	5.6	5.7	3.7	3.7	7.1	5.8	5.2	5.3
West North Central	6.5	6.4	5.7	5.8	4.0	4.1	6.0	6.4	5.4	5.5
Iowa.....	7.5	7.4	5.8	5.7	3.7	3.6	5.9	6.9	5.5	5.5
Kansas.....	7.2	7.3	6.4	6.5	4.6	4.7	8.5	10.5	6.1	6.3
Minnesota.....	7.3	7.0	6.1	6.1	4.2	4.2	7.3	7.3	5.6	5.5
Missouri.....	5.9	5.9	5.1	5.3	3.8	3.9	6.7	7.5	5.2	5.3
Nebraska.....	5.5	5.3	5.2	5.0	3.6	3.5	5.2	5.3	4.9	4.7
North Dakota.....	5.8	5.6	5.8	6.0	4.4	4.5	4.1	3.4	5.4	5.3
South Dakota.....	6.7	6.6	6.6	6.5	4.5	4.5	4.6	4.5	6.1	6.0
South Atlantic	7.6	7.4	6.5	2 6.4	4.1	2 4.3	5.9	6.3	6.4	6.4
Delaware.....	8.4	8.0	6.9	6.6	4.8	4.6	12.7	12.3	6.8	6.5
District of Columbia.....	6.8	6.9	6.0	6.0	3.6	3.5	6.4	6.1	6.1	6.1
Florida.....	8.3	8.0	7.0	6.9	5.3	5.2	7.1	7.0	7.4	7.3
Georgia.....	7.1	7.0	7.5	7.3	3.9	4.3	8.4	8.5	6.1	6.3
Maryland.....	7.5	7.3	6.1	2 5.9	3.8	2 3.9	8.6	7.8	6.3	6.3
North Carolina.....	7.8	7.6	6.3	6.2	4.5	4.5	6.9	6.7	6.4	6.4
South Carolina.....	7.2	7.3	6.0	6.0	3.6	3.8	5.7	6.1	5.4	5.7
Virginia.....	7.3	7.0	5.8	5.9	4.1	4.1	4.4	5.4	6.0	6.0
West Virginia.....	6.0	6.2	5.5	5.8	3.7	4.0	8.7	8.7	5.0	5.3
East South Central	6.0	5.9	6.2	6.2	3.6	3.7	6.2	5.8	4.9	5.0
Alabama.....	6.6	6.3	6.5	6.5	3.6	3.7	7.4	5.9	5.1	5.2
Kentucky.....	5.4	5.5	5.1	5.3	2.8	2.9	4.5	4.6	3.9	4.1
Mississippi.....	6.8	6.5	7.2	7.2	4.4	4.3	8.7	8.8	5.9	5.8
Tennessee.....	5.8	5.8	6.0	6.1	4.3	4.4	8.1	6.7	5.2	5.3
West South Central	7.1	6.5	6.9	6.3	4.2	3.9	6.4	5.8	6.0	5.5
Arkansas.....	7.3	6.8	6.5	6.2	4.1	3.9	6.9	6.9	5.8	5.5
Louisiana.....	7.8	7.4	7.5	7.2	4.6	4.3	7.0	8.1	6.2	6.0
Oklahoma.....	5.9	5.7	4.9	4.7	3.5	3.3	4.3	3.9	4.8	4.7
Texas.....	7.2	6.4	7.1	6.3	4.2	3.8	6.7	5.7	6.1	5.4
Mountain	7.1	8.2	6.3	6.5	3.9	4.1	5.3	5.5	5.8	5.9
Arizona.....	7.9	8.4	7.3	7.6	4.8	5.1	4.7	5.1	6.8	7.1
Colorado.....	7.3	7.3	5.7	6.0	4.3	4.5	8.2	7.2	6.0	6.1
Idaho.....	5.0	5.1	4.4	4.7	2.5	2.7	5.4	4.9	3.9	4.1
Montana.....	6.5	6.3	6.3	6.3	3.7	4.1	7.5	6.5	5.4	5.4
Nevada.....	6.9	7.3	6.5	6.7	4.0	4.3	3.8	4.0	5.5	5.7
New Mexico.....	8.8	8.9	8.0	8.3	4.4	4.3	6.0	6.1	6.8	6.9
Utah.....	6.8	6.9	5.7	5.8	3.2	4.2	4.6	4.4	5.0	5.4
Wyoming.....	5.8	5.7	5.1	5.0	3.8	3.4	3.3	5.8	4.6	4.2
Pacific Contiguous	8.2	8.3	7.6	7.9	4.8	4.9	5.8	4.6	7.0	7.1
California.....	11.0	11.1	8.8	9.3	5.9	6.4	7.6	5.0	8.8	9.0
Oregon.....	5.5	5.8	5.0	5.3	3.4	3.6	5.4	5.7	4.8	5.0
Washington.....	5.2	5.2	5.2	5.2	3.0	3.1	3.9	3.9	4.6	4.4
Pacific Noncontiguous	13.4	12.2	11.8	10.9	10.5	9.4	15.6	13.6	12.0	10.9
Alaska.....	11.1	10.4	9.4	8.9	8.0	7.8	16.1	14.0	10.1	9.6
Hawaii.....	15.2	13.7	14.0	12.8	11.0	9.6	13.7	12.4	13.1	11.7
U.S. Average	8.01	7.84	7.43	2 7.4	4.44	2 4.5	6.72	6.57	6.64	6.61

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

² Data in the commercial and industrial sectors for sales, revenue, and average revenue per kilowatthour for Maryland, the South Atlantic Census Division, and the U.S. total for 1996 reflect an electric utility's reclassification for this information by Standard Industrial Classification Code (SIC).

Notes: *Estimates for 1997 are preliminary and for 1996 are final. *Monetary values are expressed in nominal terms. 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.

*These estimates are calculated by dividing retail revenue by retail sales. Revenue may not correspond to retail sales for a particular month because of utility billing and accounting procedures. This could result in uncharacteristic increases or decreases in the monthly average revenue per kilowatthour. *See technical notes for an explanation of modifications to 1) the sample design as of January 1993 estimates and 2) reflecting data precision.

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

Table 54. Estimated Coefficients of Variation for Electric Utility Average Revenue per Kilowatthour by Sector, Census Division, and State, February 1997
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.9	0.3	0.6	1.6	0.4
Connecticut.....	.2	.2	.6	.8	.3
Maine.....	.3	1.4	1.6	7.4	.7
Massachusetts.....	2.2	.7	1.2	2.5	.9
New Hampshire.....	1.0	1.1	1.4	15.2	.3
Rhode Island.....	.5	.0	.2	.6	.2
Vermont.....	1.4	.9	3.7	1.0	1.6
Middle Atlantic	.5	.3	.6	.5	.3
New Jersey.....	.3	.1	.1	1.1	.1
New York.....	1.0	.3	1.1	.5	.5
Pennsylvania.....	.8	.7	.8	2.2	.0
East North Central	.4	.3	.6	.5	.5
Illinois.....	.7	.5	1.9	.3	.6
Indiana.....	1.1	1.3	.8	1.7	1.1
Michigan.....	1.2	.5	1.6	3.5	2.3
Ohio.....	.9	.5	1.3	1.0	1.0
Wisconsin.....	.2	.5	.7	9.2	.5
West North Central	1.2	.5	.4	2.1	.7
Iowa.....	1.0	1.2	.7	.5	1.5
Kansas.....	.6	.8	1.0	6.4	.7
Minnesota.....	4.0	.7	.2	.9	1.3
Missouri.....	2.1	1.3	1.5	1.2	1.8
Nebraska.....	1.9	2.1	3.1	10.7	2.8
North Dakota.....	1.5	2.3	1.9	1.8	.6
South Dakota.....	.8	1.5	1.2	3.8	1.1
South Atlantic	.5	.4	.4	.4	.5
Delaware.....	.5	1.0	1.8	1.8	1.1
District of Columbia.....	.0	.0	.0	.0	.0
Florida.....	1.1	1.1	1.8	1.0	1.3
Georgia.....	.8	.7	.2	1.0	.2
Maryland.....	1.0	1.4	.8	1.2	1.1
North Carolina.....	1.2	.5	.6	1.0	1.1
South Carolina.....	1.4	1.0	1.6	2.8	1.2
Virginia.....	.7	.7	.9	.7	.5
West Virginia.....	.1	.2	.2	1.1	.2
East South Central	.4	.3	.7	1.2	.5
Alabama.....	.3	.2	1.7	.8	1.4
Kentucky.....	1.2	.7	.8	.4	.7
Mississippi.....	.5	.3	2.2	4.8	.7
Tennessee.....	.2	.5	1.1	6.3	1.0
West South Central	.6	1.0	1.3	1.7	.7
Arkansas.....	.9	1.2	2.5	1.8	1.3
Louisiana.....	.7	.5	.4	5.6	.4
Oklahoma.....	1.4	3.5	4.4	.6	3.1
Texas.....	.9	1.4	2.0	2.0	1.0
Mountain	.5	.6	.8	3.3	.6
Arizona.....	1.0	1.5	2.3	3.5	1.5
Colorado.....	.7	1.4	.9	11.3	1.0
Idaho.....	.4	.3	2.0	7.3	.5
Montana.....	3.8	3.3	1.4	4.0	1.9
Nevada.....	.6	1.1	3.5	5.9	2.1
New Mexico.....	1.0	1.6	.9	8.2	1.0
Utah.....	.2	.3	.6	.8	.6
Wyoming.....	1.6	.8	.4	20.1	.9
Pacific Contiguous	.9	1.6	1.9	4.5	1.5
California.....	.5	2.0	2.3	8.8	.9
Oregon.....	1.9	1.9	.6	6.8	1.6
Washington.....	1.8	1.8	2.0	4.0	2.6
Pacific Noncontiguous	.5	.6	1.0	5.6	.6
Alaska.....	1.2	1.2	1.9	7.0	1.3
Hawaii.....	.4	.4	.9	.7	.5
U.S. Average	.3	.3	.3	.6	.3

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

Notes: •Estimates for 1997 are preliminary. •It should be noted 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. •For an explanation of coefficient of variation, see the technical notes.

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

Table 55. Estimated Electric Utility Average Revenue per Kilowatthour by Sector, Census Division, and State, Year-to-Date 1997 and 1996 (Cents)

Census Division and State	Residential		Commercial		Industrial		Other ¹		All Sectors	
	1997	1996	1997	1996	1997	1996	1997	1996	1997	1996
New England.....	11.8	11.5	10.1	10.1	8.3	8.3	13.1	13.3	10.4	10.3
Connecticut.....	11.8	11.9	10.1	10.6	7.8	8.1	12.9	13.4	10.4	10.8
Maine.....	12.8	12.7	11.8	11.9	7.9	8.2	23.6	23.6	10.7	11.0
Massachusetts.....	11.2	10.6	9.5	9.2	8.4	8.2	13.5	12.7	10.0	9.6
New Hampshire.....	13.1	13.2	10.9	11.1	8.9	9.3	8.3	14.0	11.3	11.6
Rhode Island.....	11.3	10.8	10.7	10.3	9.1	8.9	11.9	10.9	10.7	10.3
Vermont.....	12.9	12.0	12.8	12.1	8.7	8.8	15.5	16.0	11.7	11.2
Middle Atlantic.....	11.3	11.0	10.0	9.8	6.0	6.1	9.5	9.0	9.5	9.3
New Jersey.....	11.6	11.4	10.1	10.0	8.0	8.1	15.5	16.0	10.3	10.2
New York.....	13.8	13.5	11.4	11.0	5.3	5.2	9.1	8.5	10.9	10.6
Pennsylvania.....	9.1	8.9	8.0	7.9	5.8	5.9	10.0	10.6	7.7	7.7
East North Central.....	7.9	7.8	7.0	7.1	4.3	4.4	6.5	6.6	6.2	6.3
Illinois.....	9.2	9.3	7.0	7.3	4.7	5.0	6.3	6.4	6.9	7.2
Indiana.....	6.5	6.3	6.0	5.9	3.9	3.9	8.7	8.5	5.3	5.2
Michigan.....	8.7	8.4	7.9	7.9	5.1	5.3	9.9	9.8	7.2	7.2
Ohio.....	7.8	7.7	7.4	7.3	4.1	4.1	6.1	6.2	6.0	6.0
Wisconsin.....	6.7	6.8	5.6	5.7	3.6	3.7	6.4	6.7	5.2	5.3
West North Central.....	6.4	6.4	5.6	5.7	4.0	4.0	5.9	6.1	5.4	5.4
Iowa.....	7.4	7.3	5.9	5.7	3.6	3.6	5.6	6.0	5.5	5.4
Kansas.....	7.2	7.2	6.4	6.5	4.6	4.7	8.8	10.8	6.2	6.3
Minnesota.....	7.0	6.9	5.9	6.0	4.1	4.2	7.0	6.9	5.4	5.4
Missouri.....	5.8	5.8	5.1	5.3	3.8	3.9	6.5	7.0	5.2	5.3
Nebraska.....	5.3	5.2	5.0	5.0	3.5	3.5	5.1	5.3	4.7	4.7
North Dakota.....	5.6	5.5	5.8	5.8	4.4	4.3	4.0	3.4	5.3	5.2
South Dakota.....	6.6	6.6	6.5	6.5	4.4	4.5	4.4	4.4	6.0	6.0
South Atlantic.....	7.6	7.4	6.5	2 6.4	4.1	2 4.3	6.1	6.3	6.4	6.4
Delaware.....	8.4	8.0	6.7	6.6	4.7	4.7	12.7	12.5	6.7	6.6
District of Columbia.....	6.7	6.8	5.9	5.8	3.5	3.4	6.1	5.9	6.0	5.9
Florida.....	8.3	8.0	6.9	6.8	5.3	5.1	7.1	7.1	7.4	7.3
Georgia.....	7.0	6.9	7.2	7.1	3.8	4.3	8.3	8.3	6.0	6.2
Maryland.....	7.4	7.3	6.1	2 5.9	3.9	2 3.9	8.2	8.0	6.3	6.2
North Carolina.....	7.7	7.6	6.4	6.1	4.6	4.6	7.0	6.6	6.5	6.4
South Carolina.....	7.3	7.2	6.2	6.1	3.6	3.8	5.9	5.9	5.5	5.7
Virginia.....	7.2	6.9	5.9	5.8	4.1	4.1	4.8	5.3	6.0	6.0
West Virginia.....	6.0	6.2	5.5	5.7	3.7	4.0	8.2	8.2	5.0	5.3
East South Central.....	6.0	5.9	6.1	6.2	3.6	3.7	6.0	5.7	4.9	5.0
Alabama.....	6.3	6.2	6.5	6.5	3.6	3.8	7.3	6.1	5.1	5.2
Kentucky.....	5.3	5.4	5.1	5.2	2.8	2.8	4.5	4.6	3.9	4.1
Mississippi.....	6.8	6.4	7.2	7.2	4.4	4.2	8.8	8.8	6.0	5.8
Tennessee.....	5.8	5.8	6.0	6.1	4.4	4.3	8.0	6.4	5.3	5.3
West South Central.....	7.0	6.6	6.8	6.4	4.2	3.9	6.3	6.0	5.9	5.6
Arkansas.....	7.3	7.0	6.5	6.4	4.1	4.0	7.2	6.6	5.9	5.7
Louisiana.....	7.5	7.3	7.3	7.1	4.4	4.2	7.1	7.7	6.1	5.9
Oklahoma.....	5.7	5.5	4.8	4.7	3.4	3.4	4.0	4.1	4.7	4.7
Texas.....	7.1	6.6	7.0	6.5	4.2	3.9	6.5	6.0	6.1	5.6
Mountain.....	7.1	7.2	6.3	6.5	3.9	4.1	5.3	5.5	5.8	5.9
Arizona.....	7.9	8.2	7.3	7.5	4.8	5.0	4.6	5.0	6.8	7.0
Colorado.....	7.3	7.3	5.8	5.9	4.3	4.6	8.0	7.3	6.0	6.1
Idaho.....	5.0	5.2	4.4	4.6	2.5	2.6	5.0	4.8	3.9	4.1
Montana.....	6.6	6.3	6.4	6.3	3.7	4.1	7.4	6.5	5.5	5.4
Nevada.....	7.0	7.1	6.6	6.7	4.1	4.2	4.0	4.0	5.6	5.7
New Mexico.....	8.9	8.8	8.0	7.9	4.5	4.2	6.2	6.0	7.0	6.7
Utah.....	6.9	6.9	5.6	5.8	3.2	3.9	4.3	4.5	5.1	5.4
Wyoming.....	5.8	5.7	5.2	5.1	3.5	3.4	3.6	5.7	4.4	4.3
Pacific Contiguous.....	8.3	8.5	7.6	7.9	4.7	4.9	5.9	4.7	7.1	7.1
California.....	11.1	11.3	8.8	9.3	5.9	6.4	7.8	5.0	8.8	9.0
Oregon.....	5.4	5.8	5.0	5.3	3.3	3.6	5.4	5.7	4.7	5.0
Washington.....	5.2	5.2	5.2	5.3	3.0	3.1	3.9	3.9	4.6	4.4
Pacific Noncontiguous.....	13.3	12.2	11.7	10.9	10.5	9.3	15.5	13.7	11.9	10.9
Alaska.....	11.1	10.7	9.4	9.1	8.5	8.1	16.1	14.1	10.2	9.8
Hawaii.....	15.1	13.6	14.0	12.6	10.9	9.5	13.7	12.4	13.1	11.6
U.S. Average.....	7.94	7.81	7.37	2 7.3	4.44	2 4.5	6.76	6.53	6.64	6.62

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

² Data in the commercial and industrial sectors for sales, revenue, and average revenue per kilowatthour for Maryland, the South Atlantic Census Division, and the U.S. total for 1996 reflect an electric utility's reclassification for this information by Standard Industrial Classification Code (SIC).

Notes: *For an explanation of coefficients of variation, see the technical notes. *It should be noted 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. *Estimates for 1997 are preliminary and for 1996 are final.

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

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

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Alabama Elec Coop Inc.	317,650	-5	3,564	4,251	—	—	137	*	36	309	1
Gantt (AL).....	—	—	—	1,068	—	—	—	—	—	—	—
Lowman (AL).....	317,650	—	—	—	—	—	137	—	—	309	—
McIntosh-CAES (AL).....	—	—	1,434	—	—	—	—	—	9	—	*
McWilliams (AL).....	—	—	2,130	—	—	—	—	—	27	—	—
Point A (AL).....	—	—	—	3,183	—	—	—	—	—	—	—
Portland (FL).....	—	-5	—	—	—	—	—	*	—	—	1
Alabama Power Co.	4,098,482	14,225	8,924	699,353	1,198,262	—	1,934	31	90	1,525	113
Bankhead Dam (AL).....	—	—	—	32,663	—	—	—	—	—	—	—
Barry (AL).....	930,149	15	2,133	—	—	—	372	*	19	372	5
Chickasaw (AL).....	—	—	-103	—	—	—	—	—	*	—	*
Farley (AL).....	—	—	—	—	1,198,262	—	—	—	—	—	—
Gadsden New (AL).....	32,600	24	61	—	—	—	19	*	1	17	1
Gaston, E C (AL).....	346,123	1,173	—	—	—	—	287	4	—	233	13
Gorgas (AL).....	842,583	270	—	—	—	—	340	*	—	263	6
Greene County (AL).....	259,073	315	—	—	—	—	104	1	—	121	1
Greene County (AL).....	—	10,872	516	—	—	—	—	24	6	—	69
H Neely Henry Dam (AL).....	—	—	—	30,864	—	—	—	—	—	—	—
Harris (AL).....	—	—	—	25,604	—	—	—	—	—	—	—
Holt Dam (AL).....	—	—	—	30,440	—	—	—	—	—	—	—
Jordan (AL).....	—	—	—	41,788	—	—	—	—	—	—	—
Lay Dam (AL).....	—	—	—	99,933	—	—	—	—	—	—	—
Lewis Smith Dam (AL).....	—	—	—	32,663	—	—	—	—	—	—	—
Logan Martin Dam (AL).....	—	—	—	61,425	—	—	—	—	—	—	—
Martin Dam (AL).....	—	—	—	58,115	—	—	—	—	—	—	—
Miller (AL).....	1,687,954	1,556	6,317	—	—	—	812	3	63	520	17
Mitchell Dam (AL).....	—	—	—	84,690	—	—	—	—	—	—	—
Thurlow Dam (AL).....	—	—	—	26,079	—	—	—	—	—	—	—
Walter Bouldin Dam (AL).....	—	—	—	129,822	—	—	—	—	—	—	—
Weiss Dam (AL).....	—	—	—	29,065	—	—	—	—	—	—	—
Yates Dam (AL).....	—	—	—	16,202	—	—	—	—	—	—	—
Alaska Elec Lgt & Pwr Co.	—	3,709	—	3,620	—	—	—	6	—	—	6
Annex Creek (AK).....	—	—	—	2,070	—	—	—	—	—	—	—
Auke Bay (AK).....	—	—	—	—	—	—	—	—	—	—	3
Gold Creek (AK).....	—	—	—	—	—	—	—	—	—	—	*
Lemon Creek (AK).....	—	3,709	—	—	—	—	—	6	—	—	4
Salmon Creek (AK).....	—	—	—	—	—	—	—	—	—	—	—
Salmon Creek 2 (AK).....	—	—	—	1,550	—	—	—	—	—	—	—
Alaska Power Admn.	—	—	—	35,637	—	—	—	—	—	—	—
Eklutna (AK).....	—	—	—	9,186	—	—	—	—	—	—	—
Snettisham (AK).....	—	—	—	26,451	—	—	—	—	—	—	—
Alexandria (City of)	—	—	—	—	—	—	—	—	—	—	11
Hunter, D G (LA).....	—	—	—	—	—	—	—	—	—	—	11
Amer Mun Power-Ohio Inc.	121,816	—	398	—	—	—	74	—	5	75	—
Richard Gorsuch (OH).....	121,816	—	398	—	—	—	74	—	5	75	—
Ames (City of)	30,533	89	—	—	—	—	19	*	—	21	3
Ames (IA).....	30,533	89	—	—	—	—	19	*	—	21	2
Ames Gt (IA).....	—	—	—	—	—	—	—	—	—	—	2
Anchorage (City of)	—	22	86,561	—	—	—	—	*	868	—	38
Anchorage (AK).....	—	22	73	—	—	—	—	*	2	—	4
GMS 2 (AK).....	—	—	86,488	—	—	—	—	—	866	—	35
Appalachian Power Co.	3,081,470	7,094	—	79,583	—	—	1,173	11	—	1,319	70
Amos, John E (WV).....	1,577,528	2,883	—	—	—	—	598	5	—	881	45
Buck (VA).....	—	—	—	4,711	—	—	—	—	—	—	—
Byllesby 2 (VA).....	—	—	—	6,805	—	—	—	—	—	—	—
Claytor (VA).....	—	—	—	25,575	—	—	—	—	—	—	—
Clinch River (VA).....	480,585	347	—	—	—	—	179	1	—	110	1
Glen Lyn (VA).....	129,223	1,182	—	—	—	—	51	2	—	65	6
Kanawha River (WV).....	219,282	109	—	—	—	—	87	*	—	63	1
Leesville (VA).....	—	—	—	6,981	—	—	—	—	—	—	—
London (WV).....	—	—	—	6,679	—	—	—	—	—	—	—
Marmet (WV).....	—	—	—	8,042	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Appalachian Power Co											
Mountaineer (WV).....	674,852	2,573	—	—	—	—	257	4	—	200	16
Niagara (VA).....	—	—	—	982	—	—	—	—	—	—	—
Reusens (VA).....	—	—	—	3,943	—	—	—	—	—	—	—
Smith Mountain (VA).....	—	—	—	4,909	—	—	—	—	—	—	—
Winfield (WV).....	—	—	—	10,956	—	—	—	—	—	—	—
Arizona Elec Pwr Coop Inc.	196,853	—	2,525	—	—	—	104	—	28	110	—
Apache Station (AZ).....	196,853	—	2,525	—	—	—	104	—	28	110	—
Arizona Public Service Co.	1,839,014	600	27,272	2,843	2,807,248	—	1,042	1	317	451	138
Childs (AZ).....	—	—	—	1,818	—	—	—	—	—	—	—
Cholla (AZ).....	490,780	598	127	—	—	—	270	1	2	373	3
Fairview (AZ).....	—	2	—	—	—	—	—	*	—	—	5
Four Corners (NM).....	1,348,234	—	3,082	—	—	—	773	—	31	77	—
Irving (AZ).....	—	—	—	1,025	—	—	—	—	—	—	—
Ocotillo (AZ).....	—	—	—	—	—	—	—	—	—	—	36
Palo Verde (AZ).....	—	—	—	—	2,807,248	—	—	—	—	—	—
Phoenix (AZ).....	—	—	1,586	—	—	—	—	—	17	—	28
Saguaro (AZ).....	—	—	—	—	—	—	—	—	—	—	34
Yucca (AZ).....	—	—	22,477	—	—	—	—	—	267	—	32
Arkansas Elec Coop Corp.	—	13,315	89	30,171	—	—	—	24	1	—	34
Bailey (AR).....	—	5,438	89	—	—	—	—	10	1	—	9
Clyde Ellis (AR).....	—	—	—	14,034	—	—	—	—	—	—	—
Dam 9 (AR).....	—	—	—	16,137	—	—	—	—	—	—	—
Fitzhugh (AR).....	—	—	—	—	—	—	—	—	—	—	16
Mc Clellan (AR).....	—	7,877	—	—	—	—	—	14	—	—	10
Arkansas Power & Light Co.	1,915,368	3,445	60,616	13,934	1,296,768	—	1,107	6	652	2,007	146
Arkansas Nuclear One(AR).....	—	—	—	—	1,296,768	—	—	*	—	—	6
Blytheville (AR).....	—	—	—	—	—	—	—	—	—	—	—
Carpenter (AR).....	—	—	—	8,970	—	—	—	—	—	—	—
Couch, Harvey (AR).....	—	—	—	—	—	—	—	—	—	—	—
Independence (AR).....	998,202	2,351	—	—	—	—	594	4	—	757	18
L Catherine (AR).....	—	—	60,616	—	—	—	—	—	652	—	—
Lynch, Cecil (AR).....	—	—	—	—	—	—	—	—	—	—	*
Mablevale (AR).....	—	—	—	—	—	—	—	—	—	—	—
Moses, Ham (AR).....	—	—	—	—	—	—	—	—	—	—	—
Rommel (AR).....	—	—	—	4,964	—	—	—	—	—	—	—
Ritchie, R E (AR).....	—	—	—	—	—	—	—	—	—	—	99
White Bluff (AR).....	917,166	1,094	—	—	—	—	513	2	—	1,250	22
Associated Elec Coop.	1,499,256	496	—	—	—	—	882	1	—	1,037	14
New Madrid (MO).....	784,428	135	—	—	—	—	449	*	—	557	1
Thomas Hill (MO).....	714,828	359	—	—	—	—	433	1	—	480	5
Unionville (MO).....	—	2	—	—	—	—	—	*	—	—	8
Atlantic City Elec Co.	224,762	6,512	3,193	—	—	—	97	12	42	220	400
Carlls Corner (NJ).....	—	—48	—7	—	—	—	—	*	1	—	12
Cedar (NJ).....	—	36	—	—	—	—	—	*	—	—	21
Cumberland St (NJ).....	—	10	345	—	—	—	—	*	6	—	17
Deepwater (NJ).....	47,195	23	1,060	—	—	—	19	*	11	54	50
England, B L (NJ).....	177,567	6,325	—	—	—	—	78	11	—	166	112
Mantu Depot (NJ).....	—	—	—	—	—	—	—	—	—	—	52
Mantu Depot (NJ).....	—	—	—	—	—	—	—	—	—	—	93
Mickleton Street (NJ).....	—	—	—77	—	—	—	—	—	*	—	—
Middle (NJ).....	—	154	—	—	—	—	—	*	—	—	15
Missouri Avenue (NJ).....	—	12	—	—	—	—	—	*	—	—	10
Sherman Avenue (NJ).....	—	—	1,872	—	—	—	—	—	24	—	17
Austin (City of)	10,705	—	501	—	—	—	6	—	6	14	—
Northeast Station (MN).....	10,705	—	501	—	—	—	6	—	6	14	—
Austin (City of)	—	—	68,567	—	—	13	—	—	787	—	191
Decker Creek (TX).....	—	—	53,051	—	—	13	—	—	601	—	125
Holly Street (TX).....	—	—	15,516	—	—	—	—	—	187	—	66
Baltimore Gas & Elec Co.	1,203,588	63,277	4,576	—	1,280,806	—	477	107	53	696	413
Brandon (MD).....	807,781	1,651	—	—	—	—	324	3	—	437	3

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Baltimore Gas & Elec Co											
Calvert Cliffs (MD).....	—	—	—	—	1,280,806	—	—	—	—	—	—
Crane, C P (MD).....	93,400	1,054	—	—	—	—	37	2	—	117	4
Gould Street (MD).....	—	12,788	1,363	—	—	—	—	24	16	—	28
Notch Cliff (MD).....	—	—	—	—	—	—	—	—	*	—	—
Perryman (MD).....	—	4,412	515	—	—	—	—	9	6	—	100
Philadelphia Road (MD).....	—	112	—	—	—	—	—	*	—	—	13
Riverside (MD).....	—	114	69	—	—	—	—	1	4	—	30
Wagner, H A (MD).....	302,407	43,146	2,454	—	—	—	116	67	24	142	236
Westport (MD).....	—	—	175	—	—	—	—	—	3	—	—
Basin Elec Power Coop	1,833,605	3,878	—	—	—	—	1,336	7	—	1,171	30
Antelope Valley (ND).....	591,916	707	—	—	—	—	493	1	—	83	2
Laramie River (WY).....	975,281	2,202	—	—	—	—	619	4	—	969	4
Leland Olds (ND).....	266,408	473	—	—	—	—	224	1	—	119	5
Spirit Mound (SD).....	—	496	—	—	—	—	—	1	—	—	19
Big Rivers Electric Corp	979,910	779	250	—	—	—	455	1	3	396	19
Coleman (KY).....	191,844	—	250	—	—	—	89	—	3	161	1
Green (KY).....	278,915	399	—	—	—	—	134	1	—	141	1
Henderson II (KY).....	190,619	239	—	—	—	—	87	*	—	—	1
Reid, Robert (KY).....	37,596	93	—	—	—	—	17	*	—	50	10
Wilson (KY).....	280,936	48	—	—	—	—	128	*	—	44	5
Black Hills Pwr and Lt Co	106,524	-31	19	—	—	—	88	*	*	15	17
French, Ben (SD).....	12,613	-152	19	—	—	—	11	*	*	6	16
Kirk (SD).....	—	—	—	—	—	—	—	—	—	—	—
Neil Simpson 2 (WY).....	59,769	95	—	—	—	—	45	*	—	—	*
Osage (WY).....	19,908	—	—	—	—	—	21	—	—	9	—
Simpson, Neil (WY).....	14,234	26	—	—	—	—	12	*	—	—	*
Boston Edison Co	—	350,337	143,593	—	461,015	—	—	581	1,440	—	436
Edgar (MA).....	—	64	—	—	—	—	—	*	—	—	1
Framingham (MA).....	—	149	—	—	—	—	—	*	—	—	2
L Street (MA).....	—	146	—	—	—	—	—	*	—	—	1
Mystic (MA).....	—	349,237	3,753	—	—	—	—	578	37	—	344
New Boston (MA).....	—	—	139,840	—	—	—	—	—	1,403	—	82
Pilgrim (MA).....	—	—	—	—	461,015	—	—	—	—	—	—
West Medway (MA).....	—	741	—	—	—	—	—	2	—	—	7
Braintree (City of)	—	2,331	139	—	—	—	—	5	2	—	—
Potter Station (MA).....	—	2,331	139	—	—	—	—	5	2	—	—
Brazos Elec Pwr Coop Inc	—	—	112,229	—	—	—	—	—	1,205	—	130
Miller, R W (TX).....	—	—	109,731	—	—	—	—	—	1,172	—	122
North Texas (TX).....	—	—	2,498	—	—	—	—	—	34	—	8
Brazos River Authority	—	—	—	1,143	—	—	—	—	—	—	—
M Sheppard (TX).....	—	—	—	1,143	—	—	—	—	—	—	—
Brownsville (City of)	—	—	27,261	—	—	—	—	—	346	—	15
Brownsville (TX).....	—	—	27,261	—	—	—	—	—	346	—	15
Bryan (City of)	—	—	467	—	—	—	—	—	9	—	6
Bryan (OH).....	—	—	467	—	—	—	—	—	9	—	6
Bryan (City of)	—	1,332	32,739	—	—	—	—	3	349	—	56
Bryan (TX).....	—	74	2,533	—	—	—	—	*	32	—	32
Dansby (TX).....	—	1,258	30,206	—	—	—	—	3	317	—	24
Burbank (City of)	—	—	4,852	—	—	—	—	—	79	—	23
Magnolia (CA).....	—	—	5,196	—	—	—	—	—	76	—	21
Olive (CA).....	—	—	-344	—	—	—	—	—	2	—	2
Burlington (City of)	—	21	—	—	—	15,336	—	1	2	—	5
Burlington (VT).....	—	21	—	—	—	—	—	*	—	—	1
J C McNeil (VT).....	—	—	—	—	—	15,336	—	1	2	—	4
Cajun Elec Power Coop Inc	891,282	2,676	—	—	—	—	546	5	—	1,147	24
Big Cajun 1 (LA).....	—	—	—	—	—	—	—	—	—	—	12
Big Cajun 2 (LA).....	891,282	2,676	—	—	—	—	546	5	—	1,147	12

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
California (State of)	—	—	—	432,322	—	-33	—	—	—	—	—
Alamo (CA)	—	—	—	-129	—	—	—	—	—	—	—
Bottle Rock (CA)	—	—	—	—	—	-33	—	—	—	—	—
Devil Canyon (CA)	—	—	—	4,422	—	—	—	—	—	—	—
Edw Hyatt (CA)	—	—	—	385,378	—	—	—	—	—	—	—
Mojave Siphon (CA)	—	—	—	-570	—	—	—	—	—	—	—
Thermal Div (CA)	—	—	—	1,555	—	—	—	—	—	—	—
Thermalito (CA)	—	—	—	72,875	—	—	—	—	—	—	—
W E Warne (CA)	—	—	—	18,025	—	—	—	—	—	—	—
William R Gianelli (CA)	—	—	—	-49,234	—	—	—	—	—	—	—
Cardinal Operating Co.	873,007	3,598	—	—	—	—	351	6	—	322	4
Cardinal (OH)	873,007	3,598	—	—	—	—	351	6	—	322	4
Carolina Power & Light Co.	2,266,784	10,097	-122	89,740	2,346,044	—	920	33	—	1,224	159
Asheville (NC)	224,550	156	—	—	—	—	88	*	—	62	1
Blewett (NC)	—	-23	—	15,093	—	—	—	*	—	—	6
Brunswick (NC)	—	—	—	—	1,164,957	—	—	—	—	—	—
Cape Fear (NC)	171,160	786	—	—	—	—	67	2	—	74	10
Darlington County (SC)	—	2,185	—	—	—	—	—	9	—	—	92
Harris (NC)	—	—	—	—	637,260	—	—	—	—	—	—
Lee (NC)	151,290	1,151	—	—	—	—	61	2	—	88	11
Marshall (NC)	—	—	—	3,281	—	—	—	—	—	—	—
Mayo (NC)	370,125	1,336	—	—	—	—	157	2	—	166	7
Morehead (NC)	—	-28	—	—	—	—	—	—	—	—	1
Robinson, H B (SC)	85,463	114	—	—	543,827	—	34	*	—	80	3
Roxboro (NC)	968,716	2,420	—	—	—	—	384	13	—	621	7
Sutton (NC)	230,742	1,850	—	—	—	—	99	3	—	112	10
Tillery (NC)	—	—	—	20,234	—	—	—	—	—	—	—
Walters (NC)	—	—	—	51,132	—	—	—	—	—	—	—
Weatherspoon (NC)	64,738	150	-122	—	—	—	31	*	—	22	10
Carthage (City of)	—	2	-41	—	—	—	—	*	*	—	1
Carthage (MO)	—	2	-41	—	—	—	—	*	*	—	1
Cedar Falls (City of)	—	—	-16	—	—	—	—	—	*	13	3
Cedar Falls Gt (IA)	—	—	36	—	—	—	—	—	*	13	—
Streeter (IA)	—	—	-52	—	—	—	—	—	—	—	3
Cent NE Pub Pwr & Ir Dist	—	—	—	41,867	—	—	—	—	—	—	—
Jeffrey Canyon (NE)	—	—	—	7,705	—	—	—	—	—	—	—
Johnson No 1 (NE)	—	—	—	6,579	—	—	—	—	—	—	—
Johnson No 2 (NE)	—	—	—	9,078	—	—	—	—	—	—	—
Kingsley (NE)	—	—	—	18,505	—	—	—	—	—	—	—
Central Elec Pwr Coop	31,451	85	—	—	—	—	17	*	—	31	*
Chamais (MO)	31,451	85	—	—	—	—	17	*	—	31	*
Central Hudson Gas & Elec	206,929	189,265	2,211	19,440	—	—	79	296	28	121	438
Coxsackie (NY)	—	—	111	—	—	—	—	—	2	—	3
Danskammer (NY)	206,929	10	846	—	—	—	79	*	14	121	12
Dashville (NY)	—	—	—	962	—	—	—	—	—	—	—
High Falls (NY)	—	—	—	719	—	—	—	—	—	—	—
Neversink (NY)	—	—	—	11,739	—	—	—	—	—	—	—
Roseton (NY)	—	189,255	1,254	—	—	—	—	296	12	—	422
South Cairo (NY)	—	—	—	—	—	—	—	—	—	—	2
Sturgeon Pool (NY)	—	—	—	6,020	—	—	—	—	—	—	—
Central Ill Public Ser Co	1,322,414	860	—	—	—	—	646	3	—	419	61
Coffeen (IL)	463,327	277	—	—	—	—	230	1	—	110	4
Grand Tower (IL)	90,155	280	—	—	—	—	44	1	—	27	1
Hutsonville (IL)	81,512	197	—	—	—	—	38	*	—	39	1
Meredosia (IL)	138,362	-435	—	—	—	—	68	1	—	27	51
Newton (IL)	549,058	541	—	—	—	—	266	1	—	217	4
Central Iowa Power Coop	27,727	121	—	—	—	—	16	*	—	65	3
Fair Station (IA)	27,727	—	—	—	—	—	16	—	—	65	—
Summit Lake (IA)	—	121	—	—	—	—	—	*	—	—	3
Central Illinois Light Co.	551,704	457	68	—	—	—	255	1	1	161	1

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Central Illinois Light Co											
Duck Creek (IL).....	211,174	30	—	—	—	—	100	*	—	62	1
E D Edwards (IL).....	340,530	427	—	—	—	—	156	1	—	99	1
Midwest Grain (IL).....	—	—	—	—	—	—	—	—	—	—	—
Sterling Avenue (IL).....	—	—	68	—	—	—	—	—	1	—	—
Central Louisiana Elec Co	743,832	—	124,021	—	—	—	553	—	1,148	810	148
Coughlin (LA).....	—	—	2,300	—	—	—	—	—	36	—	37
Dolet Hills (LA).....	455,388	—	704	—	—	—	367	—	7	358	—
Franklin (LA).....	—	—	3	—	—	—	—	—	*	—	—
Rodemacher (LA).....	288,444	—	25,919	—	—	—	186	—	148	452	76
Teche (LA).....	—	—	95,095	—	—	—	—	—	957	—	35
Central Maine Power Co	—	107,049	—	157,809	—	—	—	191	—	—	395
Andro Lower (ME).....	—	—	—	-16	—	—	—	—	—	—	—
Androscoggin 3 (ME).....	—	—	—	2,996	—	—	—	—	—	—	—
Aroostook Valley (AK).....	—	—	—	—	—	—	—	—	—	—	—
Bar Mills (ME).....	—	—	—	1,802	—	—	—	—	—	—	—
Bates Lower (ME).....	—	—	—	—	—	—	—	—	—	—	—
Bates Upper (ME).....	—	—	—	-42	—	—	—	—	—	—	—
Bonny Eagle (ME).....	—	—	—	3,184	—	—	—	—	—	—	—
Brunswick (ME).....	—	—	—	9,102	—	—	—	—	—	—	—
C. E. Monty (ME).....	—	—	—	12,333	—	—	—	—	—	—	—
Cape (ME).....	—	-84	—	—	—	—	—	—	—	—	3
Cataract (ME).....	—	—	—	5,057	—	—	—	—	—	—	—
Continental Mills (ME).....	—	—	—	-20	—	—	—	—	—	—	—
Deer Rips (ME).....	—	—	—	2,744	—	—	—	—	—	—	—
Fort Halifax (ME).....	—	—	—	1,027	—	—	—	—	—	—	—
Gulf Island (ME).....	—	—	—	12,092	—	—	—	—	—	—	—
Harris (ME).....	—	—	—	22,127	—	—	—	—	—	—	—
Hill Mill (ME).....	—	—	—	-11	—	—	—	—	—	—	—
Hiram (ME).....	—	—	—	4,759	—	—	—	—	—	—	—
Islesboro (ME).....	—	—	—	—	—	—	—	—	—	—	—
North Gorham (ME).....	—	—	—	1,224	—	—	—	—	—	—	—
Oakland (ME).....	—	—	—	987	—	—	—	—	—	—	—
Peaks Island (ME).....	—	—	—	—	—	—	—	—	—	—	—
Rice Rips (ME).....	—	—	—	347	—	—	—	—	—	—	—
Shawmut (ME).....	—	—	—	5,975	—	—	—	—	—	—	—
Skelton (ME).....	—	—	—	12,173	—	—	—	—	—	—	—
Smelt Hill (AK).....	—	—	—	—	—	—	—	—	—	—	—
Union Gas (ME).....	—	—	—	322	—	—	—	—	—	—	—
West Buxton (ME).....	—	—	—	3,874	—	—	—	—	—	—	—
West Channel (MA).....	—	—	—	-20	—	—	—	—	—	—	—
Weston (ME).....	—	—	—	9,334	—	—	—	—	—	—	—
Williams (ME).....	—	—	—	10,558	—	—	—	—	—	—	—
Wyman Hydro (ME).....	—	—	—	35,901	—	—	—	—	—	—	—
Wyman, W F (ME).....	—	107,133	—	—	—	—	—	191	—	—	392
Central Operating Co	604,501	1,294	—	—	—	—	230	2	—	196	14
Sporn, Phil (WV).....	604,501	1,294	—	—	—	—	230	2	—	196	14
Central Power & Light Co	421,043	734	753,607	4,384	—	—	197	1	7,605	99	459
Bates, J L (TX).....	—	—	32,011	—	—	—	—	—	350	—	39
Coletto Creek (TX).....	421,043	27	—	—	—	—	197	*	—	99	5
Davis, Barney M (TX).....	—	707	243,942	—	—	—	—	1	2,347	—	129
Eagle Pass (TX).....	—	—	—	4,384	—	—	—	—	—	—	—
Hill, Lon C (TX).....	—	—	125,931	—	—	—	—	—	1,283	—	60
Joslin, E S (TX).....	—	—	22,712	—	—	—	—	—	229	—	50
La Palma (TX).....	—	—	61,563	—	—	—	—	—	644	—	47
Laredo (TX).....	—	—	50,748	—	—	—	—	—	598	—	20
Nueces Bay (TX).....	—	—	195,631	—	—	—	—	—	1,912	—	59
Victoria (TX).....	—	—	21,069	—	—	—	—	—	242	—	50
Chanute (City of)	—	-136	—	—	—	—	—	*	*	—	1
Chanute (KS).....	—	-41	—	—	—	—	—	—	—	—	*
Chanute 2 (KS).....	—	-35	—	—	—	—	—	—	—	—	*
Chanute 3 (KS).....	—	-60	—	—	—	—	—	*	*	—	1
Chelan Pub Util Dist #1	—	—	—	987,721	—	—	—	—	—	—	—
Chelan (WA).....	—	—	—	39,078	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Chelan Pub Util Dist #1											
Rock Island (WA).....	—	—	—	286,164	—	—	—	—	—	—	—
Rocky Reach (WA).....	—	—	—	662,479	—	—	—	—	—	—	—
Chillicothe (City of)	2,941	9	1	—	—	—	3	*	*	4	7
Beardmore (MO).....	2,941	9	1	—	—	—	3	*	*	4	7
Chugach Elec Assn Inc.	—	—	220,042	19,316	—	—	—	—	2,285	—	10
Beluga (AK).....	—	—	192,768	—	—	—	—	—	1,902	—	—
Bernice Lake (AK).....	—	—	13,028	—	—	—	—	—	194	—	3
Bradley Lake (AK).....	—	—	—	16,639	—	—	—	—	—	—	—
Cooper Lake (AK).....	—	—	—	2,677	—	—	—	—	—	—	—
International (AK).....	—	—	12	—	—	—	—	—	*	—	7
Soldotna (AK).....	—	—	14,234	—	—	—	—	—	189	—	—
Cincinnati Gas Elec Co	2,517,545	14,941	-1,052	—	—	—	1,046	29	4	747	158
Beckjord, Walter C (OH).....	638,527	3,973	—	—	—	—	266	7	—	156	41
Dicks Creek (OH).....	—	—	-81	—	—	—	—	1	1	—	4
East Bend (KY).....	415,409	558	—	—	—	—	166	1	—	139	8
Miami Fort (OH).....	708,655	2,232	—	—	—	—	314	4	—	155	28
W. H. Zimmer ().....	754,954	8,178	—	—	—	—	300	14	—	297	38
Woodsdale (OH).....	—	—	-971	—	—	—	—	2	3	—	39
Citizens Utilities Co	—	—	—	—	—	—	—	—	—	—	1
Valencia (AZ).....	—	—	—	—	—	—	—	—	—	—	1
Clarksdale (City of)	—	—	—	—	—	—	—	—	—	—	11
South (MS).....	—	—	—	—	—	—	—	—	—	—	9
Third St (MS).....	—	—	—	—	—	—	—	—	—	—	1
Cleveland (City of)	—	28	163	—	—	—	—	*	4	—	1
Collinwood (OH).....	—	28	163	—	—	—	—	*	4	—	1
Lake Road (OH).....	—	—	—	—	—	—	—	—	—	—	—
West 41st Street (OH).....	—	—	—	—	—	—	—	—	*	—	*
Cleveland Elec Illum Co	1,025,056	377	—	—	723,131	—	413	4	—	248	24
Ashtabula (OH).....	141,907	153	—	—	—	—	63	*	—	25	1
Avon Lake (OH).....	331,106	423	—	—	—	—	131	1	—	89	4
Eastlake (OH).....	552,722	1,107	—	—	—	—	218	3	—	134	16
Lake Shore (OH).....	-679	-1,306	—	—	—	—	—	—	—	—	2
Perry (OH).....	—	—	—	—	723,131	—	—	—	—	—	—
Coffeyville (City of)	—	—	—	—	—	—	—	—	—	—	—
Coffeyville (KS).....	—	—	—	—	—	—	—	—	—	—	—
Colorado Springs(City of)	276,591	33	2,635	1,515	—	—	139	*	31	192	5
Drake, Martin (CO).....	130,124	—	2,635	—	—	—	70	—	31	59	—
George Birdsal (CO).....	—	—	—	—	—	—	—	—	—	—	*
Manitou (CO).....	—	—	—	1,515	—	—	—	—	—	—	—
Ray D. Nixon (CO).....	146,467	33	—	—	—	—	69	*	—	133	5
Ruxton (CO).....	—	—	—	—	—	—	—	—	—	—	—
Columbia (City of)	10,332	—	—	—	—	—	6	—	—	6	2
Columbia (MO).....	10,332	—	—	—	—	—	6	—	—	6	2
Columbus Southern Pwr Co	819,077	1,564	—	—	—	—	376	3	—	386	2
Conesville (OH).....	788,125	1,440	—	—	—	—	359	3	—	360	2
Picway (OH).....	30,952	124	—	—	—	—	17	*	—	26	*
Commonwealth Ed Co Ind	108,818	—	4,874	—	—	—	62	—	50	85	—
State Line (IN).....	108,818	—	4,874	—	—	—	62	—	50	85	—
Commonwealth Edison Co	2,791,403	74,946	75,411	—	5,675,989	—	1,631	212	1,152	2,564	719
Bloom (IL).....	—	—	—	—	—	—	—	—	—	—	15
Braidwood (IL).....	—	—	—	—	1,681,524	—	—	—	—	—	—
Byron (IL).....	—	—	—	—	1,605,734	—	—	—	—	—	—
Calumet (IL).....	—	—	—	—	—	—	—	—	—	—	15
Collins (IL).....	—	69,950	51,915	—	—	—	—	196	910	—	587
Crawford (IL).....	217,738	11	4,190	—	—	—	140	*	43	188	13
Dixon (IL).....	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Commonwealth Edison Co											
Dresden (IL).....	—	—	—	—	521,532	—	—	—	—	—	—
Electric Junction (IL).....	—	—	17	—	—	—	—	—	1	—	16
Fisk Street (IL).....	158,146	103	483	—	—	—	84	*	5	—	19
Joliet (IL).....	187,816	—	738	—	—	—	104	—	12	42	11
Joliet 7 & 8 (IL).....	347,419	—	8,172	—	—	—	213	—	87	319	—
Kincaid (IL).....	343,459	—	109	—	—	—	170	—	1	272	—
Lasalle (IL).....	—	—	—	—	-9,025	—	—	—	—	—	—
Lombard (IL).....	—	—	38	—	—	—	—	—	1	—	15
Powerton (IL).....	728,686	—	1,799	—	—	—	465	—	20	911	—
Quad-cities (IL).....	—	—	—	—	1,146,967	—	—	—	—	—	—
Sabrooke (IL).....	—	114	—	—	—	—	—	1	—	—	11
Waukegan (IL).....	408,930	1,297	7,950	—	—	—	222	2	73	328	12
Will County (IL).....	399,209	3,471	—	—	—	—	233	13	—	504	4
Zion (IL).....	—	—	—	—	729,257	—	—	—	—	—	—
Commonwealth Energy Sys											
Blackstone Street (MA).....	—	554,941	7,248	—	—	—	—	664	65	—	97
Canal (MA).....	—	391	—	—	—	—	—	1	—	—	2
Kendall Square (MA).....	—	550,487	—	—	—	—	—	656	—	—	50
Oak Bluffs (MA).....	—	4,020	7,248	—	—	—	—	7	65	—	42
West Tisbury (MA).....	—	27	—	—	—	—	—	*	—	—	1
West Tisbury (MA).....	—	16	—	—	—	—	—	*	—	—	2
Conn Yankee Atomic Pwr Co											
Haddam Neck (CT).....	—	—	—	—	-1,737	—	—	—	—	—	—
Haddam Neck (CT).....	—	—	—	—	-1,737	—	—	—	—	—	—
Connecticut Lgt & Pwr Co											
Bantam (CT).....	—	637,517	17,410	50,989	—	35,006	—	1,116	192	—	998
Branford (CT).....	—	—	—	214	—	—	—	—	—	—	—
Bulls Bridge (CT).....	—	53	—	—	—	—	—	*	—	—	1
Cos Cob (CT).....	—	—	—	5,542	—	—	—	—	—	—	—
Devon (CT).....	—	517	—	—	—	—	—	1	—	—	6
Falls Village (CT).....	—	84,407	13,604	—	—	—	—	154	148	—	121
Franklin (CT).....	—	—	—	5,211	—	—	—	—	—	—	—
Middletown (CT).....	—	62	—	—	—	—	—	*	—	—	1
Montville (CT).....	—	261,575	—	—	—	—	—	459	—	—	372
Norwalk Harbor (CT).....	—	127,976	3,806	—	—	—	—	233	44	—	187
Robertsville (CT).....	—	160,612	—	—	—	—	—	260	—	—	247
Rocky River (CT).....	—	—	—	33	—	—	—	—	—	—	—
Scotland (CT).....	—	—	—	5,644	—	—	—	—	—	—	—
Shepaug (CT).....	—	—	—	1,323	—	—	—	—	—	—	—
South Meadow (CT).....	—	—	—	17,283	—	—	—	—	—	—	—
Stevenson (CT).....	—	2,064	—	—	—	35,006	—	5	—	—	61
Taftville (CT).....	—	—	—	13,379	—	—	—	—	—	—	—
Torrington (CT).....	—	—	—	1,024	—	—	—	—	—	—	—
Tunnel (CT).....	—	148	—	—	—	—	—	1	—	—	1
Tunnel (CT).....	—	103	—	1,336	—	—	—	1	—	—	1
Consol Edison Co N Y Inc											
Arthur Kill (NY).....	—	403,210	150,923	—	584,474	—	—	710	1,575	—	3,262
Astoria (NY).....	—	-2,504	—	—	—	—	—	—	—	—	18
Buchanan (NY).....	—	139,605	49,309	—	—	—	—	233	525	—	190
East River (NY).....	—	38	—	—	—	—	—	*	—	—	4
Gowanus (NY).....	—	29,471	784	—	—	—	—	62	10	—	183
Hudson Avenue (NY).....	—	4,708	—	—	—	—	—	13	—	—	39
Indian Point (NY).....	—	4,164	—	—	—	—	—	6	—	—	125
Narrows (NY).....	—	20	—	—	584,474	—	—	*	—	—	14
Oil Storage (NY).....	—	2,100	75	—	—	—	—	6	1	—	58
Oil Storage (NY).....	—	—	—	—	—	—	—	—	—	—	2,299
Ravenswood (NY).....	—	—	—	—	—	—	—	—	—	—	242
Waterside (NY).....	—	226,276	27,755	—	—	—	—	386	302	—	87
59Th Street (NY).....	—	—	73,000	—	—	—	—	—	736	—	—
74Th Street (NY).....	—	—	—	—	—	—	—	—	—	—	—
74Th Street (NY).....	—	-668	—	—	—	—	—	3	—	—	3
Consumers Power Co											
Alcona (MI).....	1,509,639	18,737	1,300	-42,628	222,563	—	645	48	20	455	158
Allegan Dam (MI).....	—	—	—	2,569	—	—	—	—	—	—	—
Big Rock Point (MI).....	—	—	—	1,232	—	—	—	—	—	—	—
Campbell, J H (MI).....	—	—	—	—	-925	—	—	—	—	—	—
Cobb, B C (MI).....	818,700	750	—	—	—	—	344	1	—	25	7
Cooke (MI).....	121,840	114	629	—	—	—	60	*	6	212	—
Cooke (MI).....	—	—	—	2,513	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Consumers Power Co											
Croton (MI).....	—	—	—	5,215	—	—	—	—	—	—	—
Five Channels (MI).....	—	—	—	2,217	—	—	—	—	—	—	—
Footo (MI).....	—	—	—	2,747	—	—	—	—	—	—	—
Gaylord (MI).....	—	—	491	—	—	—	—	—	8	—	—
Hardy (MI).....	—	—	—	12,193	—	—	—	—	—	—	—
Hodanpyl (MI).....	—	—	—	3,753	—	—	—	—	—	—	—
Karn, D E (MI).....	269,583	17,522	13	—	—	—	112	46	*	133	149
Loud (MI).....	—	—	—	1,644	—	—	—	—	—	—	—
Ludington (MI).....	—	—	—	-87,143	—	—	—	—	—	—	—
Mio (MI).....	—	—	—	1,454	—	—	—	—	—	—	—
Morrow, B E (MI).....	—	—	17	—	—	—	—	—	*	—	—
Palisades (MI).....	—	—	—	—	223,488	—	—	—	—	—	—
Rogers (MI).....	—	—	—	2,122	—	—	—	—	—	—	—
Straits (MI).....	—	—	192	—	—	—	—	—	3	—	—
Thetford (MI).....	—	—	-42	—	—	—	—	—	2	—	—
Tippy, C W (MI).....	—	—	—	5,306	—	—	—	—	—	—	—
Weadock, J C (MI).....	100,502	14	—	—	—	—	46	*	—	35	—
Webber (MI).....	—	—	—	1,550	—	—	—	—	—	—	—
Whiting, J R (MI).....	199,014	337	—	—	—	—	82	1	—	50	3
Cooperative Power Asso	730,834	55	—	—	—	—	669	*	—	565	13
Bonifacius (MN).....	—	—	—	—	—	—	—	*	—	—	2
Coal Creek (ND).....	730,834	55	—	—	—	—	669	*	—	565	11
Corn belt Power Coop	6,475	—	24	—	—	—	4	—	*	7	—
Humboldt (IA).....	-78	—	—	—	—	—	—	—	—	—	—
Wisdom, Earl F (IA).....	6,553	—	24	—	—	—	4	—	*	7	—
Crawfordsville (City of)	3,089	—	—	—	—	—	3	*	—	2	*
Crawfordsville (IN).....	3,089	—	—	—	—	—	3	*	—	2	*
Dairyland Power Coop	415,487	804	—	6,679	—	—	235	1	—	938	5
Alma (WI).....	50,108	74	—	—	—	—	29	*	—	121	*
Flambeau (WI).....	—	—	—	6,679	—	—	—	—	—	—	—
Genoa (WI).....	192,061	619	—	—	—	—	90	1	—	644	3
J P Madgett (WI).....	173,318	111	—	—	—	—	115	*	—	173	2
Dayton Pwr & Lgt Co (The)	1,828,241	8,975	7,474	—	—	—	759	18	86	1,036	55
Frank M Tait (OH).....	—	4,461	2,838	—	—	—	—	10	35	—	24
Hutchings (OH).....	100,254	—	4,624	—	—	—	47	—	51	57	1
Killen Station (OH).....	356,665	2,347	—	—	—	—	147	4	—	238	20
Monument (OH).....	—	75	—	—	—	—	—	*	—	—	1
Sidney (OH).....	—	65	—	—	—	—	—	*	—	—	1
Stuart, J M (OH).....	1,371,322	1,817	—	—	—	—	566	3	—	741	2
Yankee Street (OH).....	—	210	12	—	—	—	—	1	*	—	6
Delmarva Power & Light Co	316,933	161,517	225,541	—	—	—	140	274	1,746	342	370
Bayview (VA).....	—	312	—	—	—	—	—	1	—	—	2
Christiana (DE).....	—	48	—	—	—	—	—	*	—	—	6
Crisfield (MD).....	—	257	—	—	—	—	—	*	—	—	2
Delaware City (DE).....	—	13	—	—	—	—	—	*	—	—	5
Edge Moor (DE).....	113,315	115,932	12,991	—	—	—	50	183	148	55	209
Hay Road (DE).....	—	9,804	212,550	—	—	—	—	20	1,598	—	72
Indian River (DE).....	203,618	5,575	—	—	—	—	90	11	—	288	8
Madison Street (DE).....	—	-15	—	—	—	—	—	—	—	—	1
Tasley (VA).....	—	289	—	—	—	—	—	1	—	—	10
Vienna (MD).....	—	29,287	—	—	—	—	—	58	—	—	54
West Substation (DE).....	—	15	—	—	—	—	—	*	—	—	2
Denton (City of)	—	—	5,314	707	—	—	—	—	63	—	25
Lewisdale (TX).....	—	—	—	707	—	—	—	—	—	—	—
Roberts (TX).....	—	—	—	—	—	—	—	—	—	—	—
Spencer (TX).....	—	—	5,314	—	—	—	—	—	63	—	25
Deseret Gen & Trans Coop	212,648	265	—	—	—	—	113	1	—	134	5
Bonanza (UT).....	212,648	265	—	—	—	—	113	1	—	134	5
Detroit (City of)	—	9,542	18,074	—	—	—	—	26	210	—	168
Mistersky (MI).....	—	9,542	18,074	—	—	—	—	26	210	—	168

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Detroit Edison Co (The).....	3,881,120	11,380	18,857	—	11,894	—	1,928	33	1,661	3,556	324
Beacon Heating (MI).....	—	—	-1,036	—	—	—	—	—	—	—	6
Belle River (MI).....	546,790	578	—	—	—	—	303	1	—	—	11
Central Storage (MI).....	—	—	—	—	—	—	—	—	—	871	—
Colfax (MI).....	—	-51	—	—	—	—	—	—	—	—	1
Connors Creek (MI).....	—	-29	—	—	—	—	—	*	—	—	*
Dayton (MI).....	—	2	—	—	—	—	—	*	—	—	*
Enrico Fermi (MI).....	—	-27	—	—	11,894	—	—	*	—	—	12
Greenwood (MI).....	—	6,036	—	—	—	—	—	21	—	—	199
Hancock (MI).....	—	—	430	—	—	—	—	—	7	—	—
Harbor Beach (MI).....	19,325	396	—	—	—	—	10	1	—	23	*
Marysville (MI).....	8,853	—	264	—	—	—	6	—	4	27	—
Monroe (MI).....	2,024,123	1,378	—	—	—	—	934	2	—	516	9
Northeast (MI).....	—	215	-554	—	—	—	—	1	—	—	3
Oliver (MI).....	—	72	—	—	—	—	—	*	—	—	1
Placid (MI).....	—	62	—	—	—	—	—	*	—	—	1
Putnam (MI).....	—	41	—	—	—	—	—	*	—	—	1
River Rouge (MI).....	217,432	44	19,000	—	—	—	105	*	1,641	39	1
Slocum (MI).....	—	82	—	—	—	—	—	*	—	—	*
St. Clair (MI).....	721,406	1,724	753	—	—	—	396	3	8	1,992	65
Superior (MI).....	—	168	—	—	—	—	—	1	—	—	2
Trenton Channel (MI).....	343,191	739	—	—	—	—	176	1	—	88	12
Wilmott (MI).....	—	-50	—	—	—	—	—	—	—	—	*
Douglas Pub Util Dist # 1.....	—	—	—	483,522	—	—	—	—	—	—	—
Wells (WA).....	—	—	—	483,522	—	—	—	—	—	—	—
Dover (City of).....	—	—	—	—	—	—	—	—	—	—	*
Mckee Run (DE).....	—	—	—	—	—	—	—	—	—	—	*
Van Sant (DE).....	—	—	—	—	—	—	—	—	—	—	*
Dover (City of).....	7,150	—	464	—	—	—	5	—	7	1	*
Dover (OH).....	7,150	—	464	—	—	—	5	—	7	1	*
Duke Power Co.....	4,423,072	11,127	—	174,611	3,378,109	—	1,681	29	—	1,212	330
Allen (NC).....	666,035	1,197	—	—	—	—	263	2	—	143	2
Bad Creek (SC).....	—	—	-23,578	—	—	—	—	—	—	—	—
Belews Creek (NC).....	1,384,029	1,287	—	—	—	—	496	2	—	324	5
Bridgewater (NC).....	—	—	5,050	—	—	—	—	—	—	—	—
Buck (NC).....	157,552	-40	—	—	—	—	80	1	—	74	22
Buzzard Roost (SC).....	—	139	6,404	—	—	—	—	1	—	—	37
Catawba (NC).....	—	—	—	1,733,127	—	—	—	—	—	—	—
Cedar Creek (SC).....	—	—	17,543	—	—	—	—	—	—	—	—
Cliffside (NC).....	385,218	700	—	—	—	—	152	1	—	184	2
Cowans Ford (NC).....	—	—	21,208	—	—	—	—	—	—	—	—
Dan River (NC).....	119,720	64	—	—	—	—	53	1	—	54	9
Dearborn (SC).....	—	—	18,108	—	—	—	—	—	—	—	—
Fishing Creek (SC).....	—	—	19,296	—	—	—	—	—	—	—	—
Gaston Shoals (SC).....	—	—	3,708	—	—	—	—	—	—	—	—
Great Falls (SC).....	—	—	5,617	—	—	—	—	—	—	—	—
Jocassee (SC).....	—	—	-4,687	—	—	—	—	—	—	—	—
Keowee (SC).....	—	—	7,214	—	—	—	—	—	—	—	—
Lee (SC).....	147,045	-113	—	—	—	—	63	2	—	81	15
Lincoln (NC).....	—	6,377	—	—	—	—	—	15	—	—	217
Lookout Shoals (NC).....	—	—	8,828	—	—	—	—	—	—	—	—
Marshall (NC).....	1,358,399	1,449	—	—	—	—	490	2	—	253	10
Mc Guire (NC).....	—	—	—	1,662,373	—	—	—	—	—	—	—
Mountain Island (NC).....	—	—	14,989	—	—	—	—	—	—	—	—
Oconee (SC).....	—	—	-17,391	—	—	—	—	—	—	—	—
Oxford (NC).....	—	—	9,559	—	—	—	—	—	—	—	—
Rhodhiss (NC).....	—	—	5,477	—	—	—	—	—	—	—	—
Riverbend (NC).....	205,074	67	—	—	—	—	84	2	—	99	10
Rocky Creek (SC).....	—	—	2,388	—	—	—	—	—	—	—	—
Tuxedo (NC).....	—	—	2,967	—	—	—	—	—	—	—	—
Waterree (SC).....	—	—	27,223	—	—	—	—	—	—	—	—
Wylie (SC).....	—	—	19,705	—	—	—	—	—	—	—	—
99 Islands (SC).....	—	—	7,592	—	—	—	—	—	—	—	—
Duquesne Lgt Co.....	528,128	1,337	2,736	—	991,073	—	216	6	26	375	25
Beaver Valley (PA).....	—	—	—	—	991,073	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Duquesne Lgt Co											
Brunot Island (PA).....	—	-954	—	—	—	—	—	1	—	—	23
Cheswick (PA).....	301,317	—	2,736	—	—	—	120	—	26	245	—
Elrama (PA).....	226,811	2,291	—	—	—	—	96	4	—	130	2
Phillips, F (PA).....	—	—	—	—	—	—	—	—	—	—	—
East Kentucky Power Coop.....	827,455	2,369	3,038	—	—	—	339	5	37	487	63
Cooper (KY).....	173,342	301	—	—	—	—	69	1	—	121	*
Dale (KY).....	83,376	497	—	—	—	—	40	1	—	45	*
Smith (KY).....	—	1,467	3,038	—	—	—	—	3	37	—	59
Spurlock, H L (KY).....	570,737	104	—	—	—	—	230	*	—	321	3
Easton (City of).....	—	3,135	124	—	—	—	—	5	1	—	13
Easton (MD).....	—	1,438	88	—	—	—	—	3	1	—	5
Easton No. 2 (MD).....	—	1,697	36	—	—	—	—	3	*	—	8
Edison Sault Electric Co.....	—	2	—	19,456	—	—	—	*	—	—	*
Edison Sault (MI).....	—	—	—	19,456	—	—	—	—	—	—	—
Manistique (MI).....	—	2	—	—	—	—	—	*	—	—	*
El Paso Electric Co.....	—	—	227,287	—	—	—	—	—	2,470	—	70
Copper (TX).....	—	—	3,580	—	—	—	—	—	52	—	6
Newman (TX).....	—	—	160,826	—	—	—	—	—	1,711	—	33
Rio Grande (NM).....	—	—	62,881	—	—	—	—	—	707	—	31
Electric Energy Inc.....	725,772	53	3	—	—	—	455	*	*	336	*
Joppa Steam (IL).....	725,772	53	3	—	—	—	455	*	*	336	*
Empire District Elec Co.....	166,735	999	148	10,149	—	—	107	4	3	158	49
Asbury (MO).....	128,795	45	—	—	—	—	81	*	—	113	1
Energy Center (MO).....	—	954	—	—	—	—	—	4	—	—	28
Ozark Beach (MO).....	—	—	—	10,149	—	—	—	—	—	—	—
Riverton (KS).....	37,940	—	197	—	—	—	26	—	3	45	9
State Line (MO).....	—	—	-49	—	—	—	—	—	1	—	12
Entergy Services Inc.....	—	—	—	—	941,525	—	—	—	—	—	—
Grand Gulf (MS).....	—	—	—	—	941,525	—	—	—	—	—	—
Eugene (City of).....	—	—	—	47,410	—	—	—	—	—	—	—
Carmen (OR).....	—	—	—	31,646	—	—	—	—	—	—	—
Leaburg (OR).....	—	—	—	9,211	—	—	—	—	—	—	—
Walterville (OR).....	—	—	—	6,553	—	—	—	—	—	—	—
Willamette (OR).....	—	—	—	—	—	—	—	—	—	—	—
Fairbanks (City of).....	13,088	—	—	—	—	—	14	—	—	1	1
Chena (AK).....	13,088	—	—	—	—	—	14	—	—	1	1
Fairmont (City of).....	—	-29	—	—	—	—	—	*	1	—	1
Fairmont (MN).....	—	-29	—	—	—	—	—	*	1	—	1
Farmington (City of).....	—	—	26,374	4,140	—	—	—	—	136	—	—
Animas (NM).....	—	—	26,374	—	—	—	—	—	136	—	—
Navajo (NM).....	—	—	—	4,140	—	—	—	—	—	—	—
Fayetteville (City of).....	—	6,704	938	—	—	—	—	16	*	—	51
Pod #2 (NC).....	—	6,704	938	—	—	—	—	16	*	—	51
Fitchburg Gas & Elec Lgt.....	—	151	—	—	—	—	—	*	—	—	2
Fitchburg (MA).....	—	151	—	—	—	—	—	*	—	—	2
Florida Power & Light Co.....	—	1,042,370	1,060,312	—	2,288,547	—	—	1,674	8,270	—	4,267
Cape Canaveral (FL).....	—	160,497	48,796	—	—	—	—	246	357	—	591
Cutler (FL).....	—	—	888	—	—	—	—	—	22	—	—
Fort Meyers (FL).....	—	166,751	—	—	—	—	—	259	—	—	381
Lauderdale (FL).....	—	217	401,682	—	—	—	—	1	3,074	—	70
Manatee (FL).....	—	117,942	—	—	—	—	—	200	—	—	882
Martin (FL).....	—	46,246	443,726	—	—	—	—	78	3,313	—	768
Port Everglades (FL).....	—	114,360	7,412	—	—	—	—	193	135	—	524
Putnam (FL).....	—	81	82,361	—	—	—	—	*	649	—	39
Riviera (FL).....	—	139,106	2,859	—	—	—	—	225	50	—	227

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Florida Power & Light Co											
Sanford (FL).....	—	172,379	27,146	—	—	—	—	287	238	—	422
St. Lucie (FL).....	—	—	—	—	1,248,737	—	—	—	—	—	—
Turkey Point (FL).....	—	124,791	45,442	—	1,039,810	—	—	186	431	—	364
Florida Power Corporation	1,331,349	415,889	54,174	—	—	—	504	681	631	563	1,136
Anclote (FL).....	—	174,458	—	—	—	—	—	266	—	—	314
Avon Park (FL).....	—	334	643	—	—	—	—	1	10	—	5
Bartow Nth (FL).....	—	—	—	—	—	—	—	—	—	—	35
Bartow Sth (FL).....	—	—	—	—	—	—	—	—	—	—	60
Bartow Sth (FL).....	—	—	—	—	—	—	—	—	—	—	*
Bartow, P L (FL).....	—	185,138	—	—	—	—	—	293	—	—	225
Bayboro (FL).....	—	5,074	—	—	—	—	—	11	—	—	36
Crystal River (FL).....	1,331,349	4,136	—	—	—	—	504	7	—	563	15
Debary (FL).....	—	17,300	—	—	—	—	—	41	—	—	196
Higgins (FL).....	—	648	3,232	—	—	—	—	2	51	—	9
Intercession City (FL).....	—	11,872	20,928	—	—	—	—	26	280	—	112
Port St. Joe (FL).....	—	57	—	—	—	—	—	*	—	—	2
Rio Pinar (FL).....	—	114	—	—	—	—	—	*	—	—	2
Suwannee River (FL).....	—	14,767	—	—	—	—	—	30	—	—	78
Turner, G E (FL).....	—	1,991	—	—	—	—	—	5	—	—	46
Univ Proj (FL).....	—	—	29,371	—	—	—	—	—	290	—	1
Fort Pierce (City of)	—	50	12,192	—	—	—	—	*	165	—	18
King (FL).....	—	50	12,192	—	—	—	—	*	165	—	18
Freeport (Village of)	—	240	—	—	—	—	—	1	—	—	10
Plant No 1 (NY).....	—	106	—	—	—	—	—	*	—	—	1
Plant No 2 (NY).....	—	134	—	—	—	—	—	1	—	—	9
Fremont (City of)	28,689	178	410	—	—	—	20	*	5	25	1
Lon Wright (NE).....	28,689	178	410	—	—	—	20	*	5	25	1
Fulton (City of)	—	—	—	—	—	—	—	—	—	—	2
Fulton (MO).....	—	—	—	—	—	—	—	—	—	—	2
Gainesville (City of)	134,345	8,068	1,047	—	—	—	51	15	16	43	43
Deerhaven (FL).....	134,345	7,099	1,226	—	—	—	51	13	15	43	15
Kelly, J R (FL).....	—	969	-179	—	—	—	—	2	1	—	28
Gardner (City of)	—	—	—	—	—	—	—	—	—	—	—
Gardner (KS).....	—	—	—	—	—	—	—	—	—	—	—
Garland Mun Utils (City)	—	160	57,046	—	—	—	—	*	665	—	96
Newman, C E (TX).....	—	—	1,125	—	—	—	—	—	18	—	19
Olinger, Ray (TX).....	—	160	55,921	—	—	—	—	*	648	—	77
Georgia Power Co	5,076,245	12,249	2	218,668	2,912,861	—	2,376	25	*	3,490	431
Arkwright (GA).....	4,738	122	2	—	—	—	4	*	*	58	7
Atkinson (GA).....	—	606	—	—	—	—	—	3	—	—	37
Barnett Shoals (GA).....	—	—	—	333	—	—	—	—	—	—	—
Bartlett Ferry (GA).....	—	—	—	45,164	—	—	—	—	—	—	—
Bowen (GA).....	1,874,506	431	—	—	—	—	741	1	—	522	11
Burton (GA).....	—	—	—	3,031	—	—	—	—	—	—	—
Estatoah (GA).....	—	—	—	—	—	—	—	—	—	—	—
Flint River (GA).....	—	—	—	4,057	—	—	—	—	—	—	—
Goat Rock (GA).....	—	—	—	18,656	—	—	—	—	—	—	—
Hammond (GA).....	219,347	1,552	—	—	—	—	92	3	—	167	1
Harlee Branch (GA).....	561,524	743	—	—	—	—	219	1	—	396	3
Hatch, Edwin I. (GA).....	—	—	—	—	1,146,148	—	—	—	—	—	—
Langdale (GA).....	—	—	—	192	—	—	—	—	—	—	—
Lloyd Shoals (GA).....	—	—	—	9,306	—	—	—	—	—	—	—
Mcdonough, J (GA).....	296,906	1,356	—	—	—	—	115	2	—	48	—
Mcmanus (GA).....	—	1,746	—	—	—	—	—	4	—	—	127
Mitchell, W (GA).....	25,878	533	—	—	—	—	12	1	—	34	36
Morgan Falls (GA).....	—	—	—	3,580	—	—	—	—	—	—	—
Nacoochee (GA).....	—	—	—	1,765	—	—	—	—	—	—	—
North Highlands (GA).....	—	—	—	14,177	—	—	—	—	—	—	—
Oliver Dam (GA).....	—	—	—	23,346	—	—	—	—	—	—	—
Riverview (GA).....	—	—	—	121	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Georgia Power Co											
Robins (GA).....	—	1,211	—	—	—	—	—	3	—	—	28
Scherer (GA).....	1,369,955	589	—	—	—	—	909	1	—	1,492	11
Sinclair Dam (GA).....	—	—	—	17,221	—	—	—	—	—	—	—
Tallulah Falls (GA).....	—	—	—	20,504	—	—	—	—	—	—	—
Terrora (GA).....	—	—	—	5,916	—	—	—	—	—	—	—
Tugalo (GA).....	—	—	—	12,791	—	—	—	—	—	—	—
Vogtle (GA).....	—	—	—	—	1,766,713	—	—	—	—	—	—
Wallace Dam (GA).....	—	—	—	32,169	—	—	—	—	—	—	—
Wansley (GA).....	508,501	1,822	—	—	—	—	191	3	—	462	26
Wilson (GA).....	—	18	—	—	—	—	—	1	—	—	141
Yates (GA).....	214,890	1,520	—	—	—	—	94	3	—	311	3
Yonah (GA).....	—	—	—	6,339	—	—	—	—	—	—	—
Glencoe (City of).....	—	139	—	—	—	—	—	*	—	—	1
Glencoe (MN).....	—	139	—	—	—	—	—	*	—	—	1
Glendale (City of).....	—	—	4,528	—	—	—	—	—	76	—	50
Grayson (CA).....	—	—	4,528	—	—	—	—	—	76	—	50
Golden Valley Elec Assn.....	9,954	39,852	—	—	—	—	9	70	—	—	5
Fairbanks (AK).....	—	679	—	—	—	—	—	2	—	—	3
Healy (AK).....	9,954	1,103	—	—	—	—	9	4	—	—	1
North Pole (AK).....	—	38,070	—	—	—	—	—	64	—	—	2
Grand Haven (City of).....	32,197	—	—	—	—	—	17	*	—	45	10
Harbor Avenue (MI).....	—	—	—	—	—	—	—	*	—	—	10
J B Simms (MI).....	32,197	—	—	—	—	—	17	—	—	45	—
Grand Island (City of).....	54,736	—	-228	—	—	—	35	—	*	74	56
Burdick, C W (NE).....	—	—	-228	—	—	—	—	—	*	—	56
Platte (NE).....	54,736	—	—	—	—	—	35	—	—	74	—
Grand River Dam Authority.....	612,874	—	1,337	15,479	—	—	408	—	15	631	2
GRDA No 1 (OK).....	612,874	—	1,337	—	—	—	408	—	15	631	2
Markham (OK).....	—	—	—	7,278	—	—	—	—	—	—	—
Pensacola (OK).....	—	—	—	15,542	—	—	—	—	—	—	—
Salina (OK).....	—	—	—	-7,341	—	—	—	—	—	—	—
Grant Pub Util Dist #2.....	—	—	—	1,132,570	—	—	—	—	—	—	—
Pec Hdws (WA).....	—	—	—	—	—	—	—	—	—	—	—
Priest Rapids (WA).....	—	—	—	543,425	—	—	—	—	—	—	—
Quincy Chut (WA).....	—	—	—	—	—	—	—	—	—	—	—
Wanapum (WA).....	—	—	—	589,145	—	—	—	—	—	—	—
Green Mountain Power Corp.....	—	367	—	13,477	—	—	—	1	—	—	15
Berlin (VT).....	—	281	—	—	—	—	—	1	—	—	13
Bolton Falls (VT).....	—	—	—	3,245	—	—	—	—	—	—	—
Carthusians (VT).....	—	—	—	—	—	—	—	—	—	—	—
Colchester (VT).....	—	62	—	—	—	—	—	*	—	—	1
Essex Junction 19 (VT).....	—	—	—	4,376	—	—	—	*	—	—	*
Gorge 18 (VT).....	—	—	—	1,395	—	—	—	—	—	—	—
Marshfield 6 (VT).....	—	—	—	686	—	—	—	—	—	—	—
Middlesex 2 (VT).....	—	—	—	1,293	—	—	—	—	—	—	—
Vergennes 9 (VT).....	—	24	—	70	—	—	—	*	—	—	*
Waterbury 22 (VT).....	—	—	—	2,144	—	—	—	—	—	—	—
West Danville 15 (VT).....	—	—	—	268	—	—	—	—	—	—	—
Greenville (City of).....	—	—	—	—	—	—	—	—	—	—	—
Steam (TX).....	—	—	—	—	—	—	—	—	—	—	—
Steam (TX).....	—	—	—	—	—	—	—	—	—	—	—
Greenwood Utils (City of).....	—	—	—	—	—	—	—	—	—	9	6
Henderson (MS).....	—	—	—	—	—	—	—	—	—	9	4
Wright (MS).....	—	—	—	—	—	—	—	—	—	*	2
Gulf Power Company.....	531,815	447	3,769	—	—	—	237	1	41	220	4
Crist (FL).....	332,433	164	3,769	—	—	—	149	*	41	143	1
Scholz (FL).....	13,692	26	—	—	—	—	7	*	—	16	*
Smith (FL).....	185,690	257	—	—	—	—	80	*	—	61	3

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Gulf States Utilities Co.	30,417	27,401	1,639,686	7,831	680,225	—	25	64	8,419	506	218
Lewis Creek (TX).....	—	—	124,007	—	—	—	—	*	1,398	—	34
Louisiana 1 (LA).....	—	—	708,816	—	—	—	—	—	1,216	—	—
Louisiana 2 (LA).....	—	—	—	—	—	—	—	—	—	—	—
Neches (TX).....	—	—	—	—	—	—	—	—	—	—	—
Nelson, R S (LA).....	30,417	—	161,500	—	—	—	25	—	1,824	506	2
River Bend (LA).....	—	—	—	—	680,225	—	—	—	—	—	—
Sabine (TX).....	—	65	515,927	—	—	—	—	*	2,122	—	*
Toledo Bend (TX).....	—	—	—	7,831	—	—	—	—	—	—	—
Willow Glen (LA).....	—	27,336	129,436	—	—	—	—	64	1,859	—	182
GPU Nuclear Corp.	—	—	—	—	1,082,119	—	—	—	—	—	—
Oyster Creek (NJ).....	—	—	—	—	470,349	—	—	—	—	—	—
Three Mile Island (PA).....	—	—	—	—	611,770	—	—	—	—	—	—
Hamilton (City of)	27,857	6	455	26,526	—	—	15	*	6	5	3
Hamilton (OH).....	27,857	6	455	—	—	—	15	*	6	5	3
Hamilton Hydro (OH).....	—	—	—	—	—	—	—	—	—	—	—
Vanceburg Hydro (KY).....	—	—	—	26,526	—	—	—	—	—	—	—
Hastings (City of)	44,728	—	—	—	—	—	29	—	—	72	9
Don Henry (NE).....	—	—	—	—	—	—	—	—	—	—	1
Hastings (NE).....	44,728	—	—	—	—	—	29	—	—	72	3
North Denver (NE).....	—	—	—	—	—	—	—	—	—	—	4
Hawaii Electric Light Co.	—	49,801	—	152	—	—	—	114	—	—	69
Kanoelehua (HI).....	—	2,179	—	—	—	—	—	5	—	—	4
Keahole (HI).....	—	9,862	—	—	—	—	—	21	—	—	3
Puna (HI).....	—	18,995	—	—	—	—	—	44	—	—	19
Puueo (HI).....	—	—	—	46	—	—	—	—	—	—	—
Shipman (HI).....	—	3,983	—	—	—	—	—	11	—	—	6
W. H. Hill (HI).....	—	13,798	—	—	—	—	—	30	—	—	35
Waiau (HI).....	—	—	—	106	—	—	—	—	—	—	—
Waimea (HI).....	—	984	—	—	—	—	—	2	—	—	2
Hawaiian Elec Co Inc.	—	349,603	—	—	—	—	—	584	—	—	782
Honolulu (HI).....	—	3,147	—	—	—	—	—	8	—	—	82
Kahe (HI).....	—	258,184	—	—	—	—	—	422	—	—	194
Oil Storage (CA).....	—	—	—	—	—	—	—	—	—	—	305
Waiau (HI).....	—	88,272	—	—	—	—	—	154	—	—	201
Henderson (City of)	5,523	1	—	—	—	—	3	*	—	1	*
Henderson (KY).....	5,523	1	—	—	—	—	3	*	—	1	*
Hetch Hetchy Water & Pwr	—	—	—	199,295	—	—	—	—	—	—	—
Holm, Dion R (CA).....	—	—	—	82,565	—	—	—	—	—	—	—
Kirkwood, Robert C (CA).....	—	—	—	74,213	—	—	—	—	—	—	—
Moccasin (CA).....	—	—	—	41,538	—	—	—	—	—	—	—
Moccasin Low (CA).....	—	—	—	979	—	—	—	—	—	—	—
Hibbing (City of)	5,074	—	—	—	—	—	5	—	—	*	—
Hibbing (MN).....	5,074	—	—	—	—	—	5	—	—	*	—
Holland (City of)	30,170	11	6	—	—	—	16	*	*	44	6
James De Young (MI).....	30,170	11	6	—	—	—	16	*	*	44	*
48 Street (MI).....	—	—	—	—	—	—	—	*	—	—	5
6Th Street (MI).....	—	—	—	—	—	—	—	*	—	—	1
Holyoke (City of)	—	-45	-49	769	—	—	—	1	3	—	14
Cabot-Holyoke (MA).....	—	-45	-49	769	—	—	—	1	3	—	14
Holyoke Wtr Pwr Co.	97,991	46	—	37,137	—	—	79	*	—	91	*
Boatlock (MA).....	—	—	—	15,661	—	—	—	—	—	—	—
Chemical (MA).....	—	—	—	271	—	—	—	—	—	—	—
Hadley Falls (MA).....	—	—	—	17,687	—	—	—	—	—	—	—
Holbrook, Beebe (MA).....	—	—	—	279	—	—	—	—	—	—	—
Mt Tom (MA).....	97,991	46	—	—	—	—	79	*	—	91	*
Riverside (MA).....	—	—	—	3,085	—	—	—	—	—	—	—
Skinner (MA).....	—	—	—	154	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Homestead (City of).....	—	203	1,827	—	—	—	—	1	18	—	4
G W Ivey (FL).....	—	203	1,827	—	—	—	—	1	18	—	4
Hoosier Energy Rural.....	820,790	574	—	—	—	—	384	1	—	359	8
Merom (IN).....	691,851	440	—	—	—	—	330	1	—	319	7
Ratts (IN).....	128,939	134	—	—	—	—	54	*	—	40	*
Houma (City of).....	—	-26	3,762	—	—	—	—	—	56	—	*
Houma (LA).....	—	-26	3,762	—	—	—	—	—	56	—	*
Houston Lighting & Pwr Co.....	2,566,045	2,015	950,413	—	1,789,290	—	1,797	4	10,123	1,743	189
Bertron, Sam (TX).....	—	—	39,335	—	—	—	—	—	438	—	—
Cedar Bayou (TX).....	—	1,454	263,473	—	—	—	—	2	2,752	—	111
Clarke, Hiram (TX).....	—	—	148	—	—	—	—	—	4	—	—
Deepwater (TX).....	—	—	525	—	—	—	—	—	18	—	—
Greens Bayou (TX).....	—	561	69,086	—	—	—	—	1	800	—	78
Limestone (TX).....	1,067,818	—	6,413	—	—	—	875	—	67	672	—
Oil Storage (TX).....	—	—	—	—	—	—	—	—	—	—	—
Parish, W A (TX).....	1,498,227	—	93,010	—	—	—	922	—	1,017	1,071	—
Robinson, P H (TX).....	—	—	151,939	—	—	—	—	—	1,596	—	—
San Jacinto (TX).....	—	—	125,121	—	—	—	—	—	1,492	—	—
South Texas (TX).....	—	—	—	—	1,789,290	—	—	—	—	—	—
Webster (TX).....	—	—	44,199	—	—	—	—	—	498	—	—
Wharton, T H (TX).....	—	—	157,164	—	—	—	—	—	1,441	—	—
Hutchinson (City of).....	—	97	923	—	—	—	—	*	8	—	1
Plant No. 1 (MN).....	—	89	1	—	—	—	—	*	*	—	*
Plant No. 2 (MN).....	—	8	922	—	—	—	—	*	8	—	1
I E S Utilities Co.....	499,935	2,799	11,176	637	307,837	1,643	328	7	193	866	33
Ames (IA).....	—	—	—	—	—	—	—	—	—	—	1
Anamosa (IA).....	—	—	—	118	—	—	—	—	—	—	—
Arnold, Duane (IA).....	—	—	—	—	307,837	—	—	—	—	—	—
Burlington (IA).....	85,923	30	—	—	—	—	53	*	—	72	1
Centerville (IA).....	—	-98	—	—	—	—	—	*	—	—	6
Grinnell (IA).....	—	—	-83	—	—	—	—	—	—	—	1
Iowa Falls (IA).....	—	—	—	28	—	—	—	—	—	—	—
Maquoketa (IA).....	—	—	—	491	—	—	—	—	—	—	—
Marshalltown (IA).....	—	1,394	—	—	—	—	—	3	—	—	14
Ottumwa (IA).....	268,638	1,469	—	—	—	—	176	4	—	549	7
Prairie Creek (IA).....	64,408	4	207	—	—	—	46	*	2	144	1
Sutherland (IA).....	77,323	—	4,356	—	—	—	50	—	53	100	—
6Th Street (IA).....	3,643	—	6,696	—	—	1,643	4	—	137	2	2
Idaho Power Co.....	—	4	—	1,228,411	—	—	—	*	—	—	*
American Falls (ID).....	—	—	—	48,298	—	—	—	—	—	—	—
Bliss (ID).....	—	—	—	51,141	—	—	—	—	—	—	—
Brownlee (ID).....	—	—	—	445,355	—	—	—	—	—	—	—
Cascade (ID).....	—	—	—	7,299	—	—	—	—	—	—	—
Clear Lake (ID).....	—	—	—	1,334	—	—	—	—	—	—	—
Hells Canyon (OR).....	—	—	—	277,939	—	—	—	—	—	—	—
Lower Malad (ID).....	—	—	—	9,582	—	—	—	—	—	—	—
Lower Salmon (ID).....	—	—	—	35,858	—	—	—	—	—	—	—
Milner (ID).....	—	—	—	41,731	—	—	—	—	—	—	—
Oxbow (OR).....	—	—	—	146,010	—	—	—	—	—	—	—
Salmon (ID).....	—	4	—	—	—	—	—	*	—	—	*
Shoshone Falls (ID).....	—	—	—	9,702	—	—	—	—	—	—	—
Strike, C J (ID).....	—	—	—	64,202	—	—	—	—	—	—	—
Swan Falls (ID).....	—	—	—	16,092	—	—	—	—	—	—	—
Thousand Springs (ID).....	—	—	—	5,248	—	—	—	—	—	—	—
Twin Falls (ID).....	—	—	—	37,203	—	—	—	—	—	—	—
Upper Malad (ID).....	—	—	—	5,667	—	—	—	—	—	—	—
Upper Salmon (ID).....	—	—	—	13,350	—	—	—	—	—	—	—
Upper Salmon (ID).....	—	—	—	12,400	—	—	—	—	—	—	—
Illinois Power Co.....	1,371,715	910	3,002	—	-7,836	8,194	657	2	34	222	10
Baldwin (IL).....	994,191	510	—	—	—	8,194	471	1	—	—	2
Clinton (IL).....	—	—	—	—	-7,836	—	—	—	—	—	—
Havana (IL).....	190,206	400	551	—	—	—	97	1	6	79	2
Hennepin (IL).....	142,044	—	581	—	—	—	65	—	6	47	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Illinois Power Co											
Oglesby (IL).....	—	—	—	—	—	—	—	—	—	—	7
Stallings (IL).....	—	—	-230	—	—	—	—	—	—	—	*
Vermilion (IL).....	46,630	—	2,100	—	—	—	24	—	22	1	*
Wood River (IL).....	-1,356	—	—	—	—	—	—	—	—	95	—
Imperial Irrigation Dist											
Brawley (CA).....	—	—	799	18,747	—	—	—	—	9	—	135
Coachella (CA).....	—	—	582	—	—	—	—	—	2	—	1
Double Weir (CA).....	—	—	—	—	—	—	—	—	—	—	12
Drop No 1 (CA).....	—	—	—	1,275	—	—	—	—	—	—	—
Drop No. 5 (CA).....	—	—	—	626	—	—	—	—	—	—	—
Drop 2 (CA).....	—	—	—	2,886	—	—	—	—	—	—	—
Drop 3 (CA).....	—	—	—	2,762	—	—	—	—	—	—	—
Drop 4 (CA).....	—	—	—	5,798	—	—	—	—	—	—	—
E Highline (CA).....	—	—	—	399	—	—	—	—	—	—	—
El Centro (CA).....	—	—	217	—	—	—	—	—	7	—	104
Pilot Knob (CA).....	—	—	—	4,939	—	—	—	—	—	—	—
Rockwood (CA).....	—	—	—	—	—	—	—	—	—	—	18
Turnip (CA).....	—	—	—	62	—	—	—	—	—	—	—
Independence (City of)	10,254	-331	432	—	—	—	7	*	6	91	17
Blue Valley (MO).....	10,254	-73	432	—	—	—	7	*	6	66	12
Jackson Square (MO).....	—	—	—	—	—	—	—	—	—	—	1
Missouri City (MO).....	—	-258	—	—	—	—	—	*	—	26	1
Station H (MO).....	—	—	—	—	—	—	—	—	—	—	1
Station I (MO).....	—	—	—	—	—	—	—	—	—	—	1
Indiana Michigan Power Co	2,027,717	3,968	—	11,855	1,517,085	—	1,096	7	—	1,702	25
Berrien Springs (MI).....	—	—	—	3,886	—	—	—	—	—	—	—
Buchanan (MI).....	—	—	—	1,769	—	—	—	—	—	—	—
Constantine (MI).....	—	—	—	624	—	—	—	—	—	—	—
Cook, Donald C. (MI).....	—	—	—	—	1,517,085	—	—	—	—	—	—
Elkhart (IN).....	—	—	—	1,702	—	—	—	—	—	—	—
Fourth Street (IN).....	—	—	—	—	—	—	—	—	—	—	*
Mottville (MI).....	—	—	—	847	—	—	—	—	—	—	—
Rockport (IN).....	1,582,640	2,734	—	—	—	—	924	5	—	1,525	20
Tanners Creek (IN).....	445,077	1,234	—	—	—	—	172	2	—	178	5
Twin Branch (IN).....	—	—	—	3,027	—	—	—	—	—	—	—
Indiana Mun Power Agency	—	3	36	—	—	—	—	*	1	—	4
Anderson (IN).....	—	3	36	—	—	—	—	*	1	—	4
Indiana-Kentucky El Corp	795,629	253	—	—	—	—	393	*	—	823	4
Clifty Creek (IN).....	795,629	253	—	—	—	—	393	*	—	823	4
Indianapolis Pwr & Lgt Co	1,420,994	2,007	—	—	—	—	677	6	—	1,090	31
Perry K (IN).....	-1,566	—	—	—	—	—	—	—	—	56	3
Perry W (IN).....	—	-58	—	—	—	—	—	—	—	—	1
Petersburg (IN).....	1,055,639	419	—	—	—	—	500	1	—	767	5
Pritchard, H T (IN).....	76,889	261	—	—	—	—	39	*	—	91	5
Stout, Elmer W (IN).....	290,032	1,385	—	—	—	—	138	5	—	176	17
Indianola (City of)	—	-48	49	—	—	—	—	*	*	—	8
Indianola (IA).....	—	-48	49	—	—	—	—	*	*	—	8
International Bound & Water											
Comm.....	—	—	—	7,892	—	—	—	—	—	—	—
Amistad (TX).....	—	—	—	5,427	—	—	—	—	—	—	—
Falcon (TX).....	—	—	—	2,465	—	—	—	—	—	—	—
Interstate Power Co	172,709	1,536	24,777	—	—	—	103	6	561	285	23
Dubuque (IA).....	10,048	-3	40	—	—	—	6	*	1	58	3
Fox Lake (MN).....	—	1,495	24,652	—	—	—	—	6	559	—	14
Hills (MN).....	—	-23	—	—	—	—	—	—	—	—	*
Kapp, M L (IA).....	85,241	—	85	—	—	—	41	—	1	83	—
Lansing (IA).....	77,420	233	—	—	—	—	57	*	—	143	2
Lime Creek (IA).....	—	-136	—	—	—	—	—	—	—	—	4
Montgomery (MN).....	—	-23	—	—	—	—	—	—	—	—	1
New Albin (IA).....	—	-7	—	—	—	—	—	—	—	—	*
Rushford (MN).....	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Iola (City of).....	—	—	—	—	—	—	—	—	—	—	2
Iola (KS).....	—	—	—	—	—	—	—	—	—	—	2
Jacksonville (City of).....	900,910	91,177	26,316	—	—	—	343	171	284	363	711
Kennedy, J D (FL).....	—	-2,811	—	—	—	—	—	5	6	—	100
Northside (FL).....	—	87,415	25,683	—	—	—	—	153	270	—	501
Southside (FL).....	—	4,831	633	—	—	—	—	10	8	—	99
St. Johns River.....	900,910	1,742	—	—	—	—	343	3	—	363	10
Jamestown (City of).....	16,072	32	—	—	—	—	10	*	—	4	*
Carlson, S A (NY).....	16,072	32	—	—	—	—	10	*	—	4	*
Jersey Central Power&Light											
Co.....	—	31,995	20,467	-6,216	—	—	—	20	268	—	459
Forked River (NJ).....	—	167	126	—	—	—	—	*	2	—	19
Gardner, Glen (NJ).....	—	133	288	—	—	—	—	1	6	—	17
Gilbert (NJ).....	—	32,642	20,218	—	—	—	—	16	251	—	295
Sayreville (NJ).....	—	-505	-165	—	—	—	—	2	9	—	95
Werner (NJ).....	—	-442	—	—	—	—	—	*	—	—	32
Yards Creek (NJ).....	—	—	—	-6,216	—	—	—	—	—	—	—
Kansas City (City of).....	249,278	127	426	—	—	—	153	*	9	280	12
Kaw (KS).....	14,981	8	118	—	—	—	9	*	2	31	*
Nearman Creek (KS).....	143,019	119	—	—	—	—	96	*	—	162	3
Quindaro (KS).....	91,278	—	308	—	—	—	48	—	7	87	8
Kansas City Pwr & Lgt Co.....	1,560,738	902	2,294	—	—	—	987	2	25	1,528	74
Grand Ave (MO).....	—	—	—	—	—	—	—	—	—	—	—
Hawthorn (MO).....	190,483	—	2,294	—	—	—	119	—	25	210	—
Iatan (MO).....	437,681	117	—	—	—	—	252	*	—	342	9
La Cygne (KS).....	702,978	392	—	—	—	—	469	1	—	745	17
Montrose (MO).....	229,596	736	—	—	—	—	147	1	—	231	7
Northeast (MO).....	—	-343	—	—	—	—	—	*	—	—	40
Kauai Electric Company.....	—	29,268	—	—	—	—	—	53	—	—	—
Port Allen (HI).....	—	29,268	—	—	—	—	—	53	—	—	—
Kennett (City of).....	—	21	75	—	—	—	—	*	*	—	4
Kennett (MO).....	—	21	75	—	—	—	—	*	*	—	4
Kentucky Power Co.....	735,038	414	—	—	—	—	293	1	—	291	7
Big Sandy (KY).....	735,038	414	—	—	—	—	293	1	—	291	7
Kentucky Utilities Co.....	1,534,038	899	1,037	8,105	—	—	657	4	19	894	75
Brown, E W (KY).....	314,400	258	1,070	—	—	—	136	2	19	216	51
Dix Dam (KY).....	—	—	—	8,108	—	—	—	—	—	—	—
Ghent (KY).....	1,122,303	562	—	—	—	—	472	2	—	632	11
Green River (KY).....	86,609	238	—	—	—	—	43	1	—	25	2
Haefling (KY).....	—	—	-33	—	—	—	—	—	*	—	4
Lock 7 (KY).....	—	—	—	-3	—	—	—	—	—	—	—
Pineville (KY).....	5,873	2	—	—	—	—	3	*	—	6	*
Tyrone (KY).....	4,853	-161	—	—	—	—	2	*	—	16	7
Key West (City of).....	—	1,001	—	—	—	—	—	3	—	—	16
Big Pine (FL).....	—	288	—	—	—	—	—	1	—	—	1
Cudjoe (FL).....	—	212	—	—	—	—	—	1	—	—	2
Key West (FL).....	—	-14	—	—	—	—	—	—	—	—	—
Stock Island (FL).....	—	352	—	—	—	—	—	1	—	—	14
Stock Island D 1 (FL).....	—	163	—	—	—	—	—	1	—	—	—
Kings River Conserv Dist.....	—	—	—	83,710	—	—	—	—	—	—	—
Pine Flat (CA).....	—	—	—	83,710	—	—	—	—	—	—	—
Kissimmee (City of).....	—	19	711	—	—	—	—	*	14	—	21
Cane Island (FL).....	—	17	815	—	—	—	—	*	13	—	10
Kissimmee (FL).....	—	2	-104	—	—	—	—	*	1	—	11
Kodiak Electric Assn Inc.....	—	3,380	—	7,779	—	—	—	6	—	—	2
Kodiak A (AK).....	—	3,389	—	—	—	—	—	6	—	—	1
Port Lions (AK).....	—	-9	—	—	—	—	—	—	—	—	*
Terror Lake AK).....	—	—	—	7,779	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
KG&E - Western Resources	—	23,336	3,392	—	—	—	—	43	44	—	199
Evans, Gordon (KS).....	—	14,596	1,236	—	—	—	—	23	13	—	93
Gill, Murray (KS).....	—	8,740	2,156	—	—	—	—	20	31	—	106
Neosho (KS).....	—	—	—	—	—	—	—	—	—	—	—
KPL - Western Resources	1,560,197	11,449	3,894	—	—	—	986	24	50	1,434	105
Abilene (KS).....	—	—	-71	—	—	—	—	—	—	—	15
Hutchinson (KS).....	—	11,388	2,520	—	—	—	—	24	34	—	65
Jeffrey (KS).....	1,260,848	61	—	—	—	—	836	*	—	1,130	23
Lawrence (KS).....	219,538	—	1,072	—	—	—	109	—	11	233	2
Tecumseh (KS).....	79,811	—	373	—	—	—	40	—	5	71	*
Lafayette Util Sys (City)	—	—	4,880	—	—	—	—	—	65	—	121
Doc Bonin (LA).....	—	—	4,910	—	—	—	—	—	65	—	121
Rodemacher (LA).....	—	—	-30	—	—	—	—	—	—	—	—
Lake Worth (City of)	—	546	1,548	—	—	—	—	1	19	—	8
Smith, Tom G (FL).....	—	546	1,548	—	—	—	—	1	19	—	8
Lakeland (City of)	196,779	24,656	4,692	—	—	—	76	21	53	146	128
Larsen Memorial (FL).....	—	5,871	3,699	—	—	—	—	12	40	—	22
Mcintosh, C D (FL).....	196,779	18,785	993	—	—	—	76	8	12	146	106
Lamar (City of)	—	—	6,562	—	—	—	—	—	85	—	6
Lamar (CO).....	—	—	6,562	—	—	—	—	—	85	—	6
Lansing (City of)	152,124	583	—	311	—	—	75	1	—	116	1
Eckert Station (MI).....	60,429	485	—	—	—	—	37	1	—	17	1
Erickson (MI).....	91,695	98	—	—	—	—	38	*	—	99	*
Moore's Park (MI).....	—	—	—	311	—	—	—	—	—	—	—
Lea County Elec Coop	—	—	—	—	—	—	—	—	—	—	—
North Lovington (NM).....	—	—	—	—	—	—	—	—	—	—	—
Lebanon (City of)	—	161	—	—	—	—	—	*	—	—	1
Lebanon (OH).....	—	161	—	—	—	—	—	*	—	—	1
Lincoln (City of)	—	33	1	—	—	—	—	*	*	—	18
Lincoln J Street (NE).....	—	—	—	—	—	—	—	—	—	—	2
Rokeby (NE).....	—	33	1	—	—	—	—	*	*	—	15
Logansport (City of)	19,198	—	8	—	—	—	12	—	*	4	19
Logansport (IN).....	19,198	—	8	—	—	—	12	—	*	4	19
Long Island Lighting Co	—	614,222	209,622	—	—	—	—	1,011	2,269	—	1,764
Barrett, E F (NY).....	—	42,280	132,426	—	—	—	—	73	1,409	—	192
Brookhaven (NY).....	—	12,108	—	—	—	—	—	19	—	—	34
East Hampton (NY).....	—	-26	—	—	—	—	—	—	—	—	4
Far Rockway (NY).....	—	—	-341	—	—	—	—	—	*	—	1
Glenwood (NY).....	—	21	25,673	—	—	—	—	*	326	—	33
Holbrook (NY).....	—	8,317	—	—	—	—	—	20	—	—	91
Montauk (NY).....	—	24	—	—	—	—	—	*	—	—	1
Northport (NY).....	—	369,826	51,864	—	—	—	—	608	533	—	1,121
Port Jefferson (NY).....	—	181,663	—	—	—	—	—	292	—	—	260
Shoreham (NY).....	—	11	—	—	—	—	—	*	—	—	13
Southampton (NY).....	—	-12	—	—	—	—	—	*	—	—	2
Southold (NY).....	—	-16	—	—	—	—	—	*	—	—	3
West Babylon (NY).....	—	26	—	—	—	—	—	*	—	—	9
Los Angeles (City of)	1,165,708	768	46,963	64,710	—	8,314	478	1	565	649	520
Big Pine Creek (CA).....	—	—	—	997	—	—	—	—	—	—	—
Castaic (CA).....	—	—	—	-11,302	—	—	—	—	—	—	—
Control Gorge (CA).....	—	—	—	6,991	—	—	—	—	—	—	—
Cottonwood (CA).....	—	—	—	794	—	—	—	—	—	—	—
Division Creek (CA).....	—	—	—	275	—	—	—	—	—	—	—
Foothill (CA).....	—	—	—	6,122	—	—	—	—	—	—	—
Franklin Canyon (CA).....	—	—	—	301	—	—	—	—	—	—	—
Haiwee (CA).....	—	—	—	2,448	—	—	—	—	—	—	—
Harbor (CA).....	—	—	5,321	—	—	—	—	—	68	—	13
Haynes (CA).....	—	—	20,137	—	—	—	—	—	245	—	413

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Los Angeles (City of)											
Intermountain (UT).....	1,165,708	768	—	—	—	—	478	1	—	649	3
Middle Gorge (CA).....	—	—	—	6,993	—	—	—	—	—	—	—
Pleasant Valley (CA).....	—	—	—	864	—	—	—	—	—	—	—
San Fernando (CA).....	—	—	—	4,117	—	—	—	—	—	—	—
San Francisquito 1 (CA).....	—	—	—	28,573	—	—	—	—	—	—	—
San Francisquito 2 (CA).....	—	—	—	10,652	—	—	—	—	—	—	—
Sawtelle (CA).....	—	—	—	—	—	—	—	—	—	—	—
Scattergood (CA).....	—	—	21,900	—	—	8,314	—	—	252	—	79
Upper Gorge (CA).....	—	—	—	6,885	—	—	—	—	—	—	—
Valley (CA).....	—	—	-395	—	—	—	—	—	—	—	12
Louisiana Pwr & Light Co											
Buras (LA).....	—	150,141	672,725	—	824,905	—	—	229	7,088	—	549
Little Gypsy (LA).....	—	3,745	177,954	—	—	—	—	7	1,833	—	176
Monroe (LA).....	—	—	—	—	—	—	—	—	—	—	—
Nine Mile Point (LA).....	—	4,544	420,092	—	—	—	—	6	4,299	—	236
Sterlington (LA).....	—	—	3,251	—	—	—	—	—	38	—	23
Thibodaux (LA).....	—	—	—	—	—	—	—	—	—	—	—
Waterford (LA).....	—	—	—	—	824,905	—	—	—	—	—	—
Waterford (LA).....	—	141,852	71,286	—	—	—	—	216	914	—	111
Louisville Gas & Elec Co											
Cane Run (KY).....	1,089,699	2,480	5,369	29,957	—	—	518	5	53	625	15
Mill Creek (KY).....	270,160	—	4,779	—	—	—	122	—	46	94	1
Ohio Falls (KY).....	512,755	1,587	590	—	—	—	253	3	6	421	11
Paddys Run (KY).....	—	—	—	29,957	—	—	—	—	—	—	—
Trimble County (KY).....	—	—	—	—	—	—	—	—	—	—	—
Waterside (KY).....	306,784	893	—	—	—	—	143	2	—	111	3
Zorn (KY).....	—	—	—	—	—	—	—	—	—	—	—
Lower Colorado River Auth											
Austin (TX).....	1,017,548	914	262,709	29,672	—	—	599	2	2,685	1,040	163
Buchanan (TX).....	—	—	—	674	—	—	—	—	—	—	—
Granite Shoals (TX).....	—	—	—	22,352	—	—	—	—	—	—	—
Inks (TX).....	—	—	—	3,406	—	—	—	—	—	—	—
Mansfield (TX).....	—	—	—	—	—	—	—	—	—	—	—
Marble Falls (TX).....	—	—	—	1,111	—	—	—	—	—	—	—
Sam K Seymour, jr (TX).....	1,017,548	914	—	2,129	—	—	599	2	—	1,040	5
Sim Gideon (TX).....	—	—	165,893	—	—	—	—	—	1,680	—	77
T. C. Ferguson (TX).....	—	—	96,816	—	—	—	—	—	1,004	—	81
Lubbock (City of)											
Holly Ave (TX).....	—	—	28,000	—	—	—	—	—	578	—	—
LP&L Co GEN.....	—	—	15,586	—	—	—	—	—	303	—	—
Plant 2 (TX).....	—	—	12,414	—	—	—	—	—	275	—	—
Madison Gas & Elec Co											
Blount Street (WI).....	31,149	48	10,651	—	—	1,430	19	*	153	10	6
Fitchburg (WI).....	31,149	—	8,810	—	—	1,430	19	—	123	10	1
Nine Springs (WI).....	—	48	1,014	—	—	—	—	*	15	—	2
Sycamore (WI).....	—	—	-20	—	—	—	—	—	—	—	*
Sycamore (WI).....	—	—	847	—	—	—	—	—	15	—	2
Maine Public Service Co											
Caribou (ME).....	—	-60	—	658	—	—	—	*	—	—	1
Flos Inn (ME).....	—	-55	—	435	—	—	—	*	—	—	1
Houlton (ME).....	—	-5	—	—	—	—	—	*	—	—	*
Squa Pan (ME).....	—	—	—	—	—	—	—	—	—	—	—
Maine Yankee Atomic Pwr C											
Maine Yankee (ME).....	—	—	—	223	—	—	—	—	—	—	—
Manitowoc (City of)											
Manitowoc (WI).....	17,891	6,640	98	—	—	—	11	*	1	26	1
Manitowoc (WI).....	17,891	6,640	98	—	—	—	11	*	1	26	1
Marquette (City of)											
Plant Four (MI).....	21,153	144	—	1,911	—	—	15	*	—	80	2
Plant Two (MI).....	—	140	—	—	—	—	—	*	—	—	1
Russell, Frank J (MI).....	—	—	—	1,476	—	—	—	—	—	—	—
Shiras (MI).....	—	—	—	435	—	—	—	—	—	—	—
Shiras (MI).....	21,153	4	—	—	—	—	15	*	—	80	1

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Marshall (City of).....	2,580	97	-39	—	—	—	2	*	3	6	1
Marshall (MO).....	2,580	97	-39	—	—	—	2	*	3	6	1
Mass Mun Wholesale Elec.....	—	20,104	—	—	—	—	—	33	—	—	161
Stonybrook (MA).....	—	20,104	—	—	—	—	—	33	—	—	161
Maui Electric Co Ltd.....	—	80,370	—	—	—	—	—	138	—	—	173
Cook (HI).....	—	3,020	—	—	—	—	—	5	—	—	8
Kahului (HI).....	—	17,947	—	—	—	—	—	40	—	—	60
Lanai City (HI).....	—	—	—	—	—	—	—	—	—	—	*
Maalaea (HI).....	—	57,274	—	—	—	—	—	89	—	—	103
Miki Basin (HI).....	—	2,129	—	—	—	—	—	4	—	—	2
Mepherston (City of).....	—	68	165	—	—	—	—	*	3	—	15
Plant No. 2 (KS).....	—	68	165	—	—	—	—	*	3	—	15
Medina Electric Coop Inc.....	—	—	3,391	—	—	—	—	—	42	—	18
Pearsall (TX).....	—	—	3,391	—	—	—	—	—	42	—	18
Merced Irrigation Dist.....	—	—	—	73,097	—	—	—	—	—	—	—
Canal Creek (CA).....	—	—	—	—	—	—	—	—	—	—	—
Exchequer (CA).....	—	—	—	66,185	—	—	—	—	—	—	—
Fairfield (CA).....	—	—	—	—	—	—	—	—	—	—	—
Mcswain (CA).....	—	—	—	6,912	—	—	—	—	—	—	—
Parker (CA).....	—	—	—	—	—	—	—	—	—	—	—
Metropolitan Edison Co.....	254,824	4,692	752	10,715	—	—	103	10	10	142	96
Hamilton (PA).....	—	—	—	—	—	—	—	*	—	—	5
Hunterstown (PA).....	—	263	386	—	—	—	—	1	5	—	8
Mountain (PA).....	—	452	126	—	—	—	—	1	2	—	6
Orrtanna (PA).....	—	143	—	—	—	—	—	*	—	—	4
Portland (PA).....	150,175	3,388	196	—	—	—	60	6	2	57	57
Shawnee (PA).....	—	68	—	—	—	—	—	*	—	—	5
Titus (PA).....	104,649	354	44	—	—	—	44	1	*	84	5
Tolna (PA).....	—	24	—	—	—	—	—	1	—	—	6
Yorkhaven (PA).....	—	—	—	10,715	—	—	—	—	—	—	—
Michigan So Cent Pwr Agen.....	24,732	132	—	—	—	—	15	*	—	12	*
Project I (MI).....	24,732	132	—	—	—	—	15	*	—	12	*
MidAmerican Energy.....	1,783,035	2,690	3,825	606	—	—	1,109	8	54	1,252	50
Coralville (IA).....	—	-54	-54	—	—	—	—	—	—	—	*
Council Bluffs (IA).....	422,987	990	309	—	—	—	276	2	3	601	8
Electrifarm (IA).....	—	986	17	—	—	—	—	3	*	—	4
Louisa (IA).....	388,159	97	1,223	—	—	—	239	*	12	465	8
Moline (IL).....	—	—	-101	606	—	—	—	—	*	—	2
Neal, George (IA).....	924,357	708	1,232	—	—	—	544	1	13	103	3
Parr (IA).....	—	-30	-30	—	—	—	—	—	—	—	2
Pleasant Hill (IA).....	—	97	—	—	—	—	—	1	—	—	13
River Hills (IA).....	—	—	-140	—	—	—	—	—	1	—	4
Riverside (IA).....	47,532	—	1,472	—	—	—	50	—	25	83	—
Sycamore (IA).....	—	-104	-103	—	—	—	—	—	—	—	6
Minden (City of).....	—	3	1	—	—	—	—	*	1	—	*
Minden (LA).....	—	3	1	—	—	—	—	*	1	—	*
Minnesota Power & Lgt Co.....	649,526	1,397	—	55,466	—	—	404	3	—	303	7
Blanchard (MN).....	—	—	—	10,512	—	—	—	—	—	—	—
Boswell (MN).....	602,971	1,306	—	—	—	—	368	3	—	268	7
Fond Du Lac (MN).....	—	—	—	5,915	—	—	—	—	—	—	—
Hibbard, M L (MN).....	—	—	—	—	—	—	—	—	—	—	—
Knife Falls (MN).....	—	—	—	880	—	—	—	—	—	—	—
Laskin (MN).....	46,555	91	—	—	—	—	36	*	—	35	*
Little Falls (MN).....	—	—	—	2,403	—	—	—	—	—	—	—
Pillager (MN).....	—	—	—	575	—	—	—	—	—	—	—
Prairie River (MN).....	—	—	—	251	—	—	—	—	—	—	—
Scanlon (MN).....	—	—	—	818	—	—	—	—	—	—	—
Sylvan (MN).....	—	—	—	748	—	—	—	—	—	—	—
Thompson (MN).....	—	—	—	30,557	—	—	—	—	—	—	—
Winton (MN).....	—	—	—	2,807	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Minnkota Power Coop Inc.	386,524	6,679	—	—	—	—	336	11	—	453	12
Grand Forks (ND)	—	—	—	—	—	—	—	—	—	—	—
Harwood (ND)	—	—	—	—	—	—	—	—	—	—	—
Young, Milton R (ND)	386,524	6,679	—	—	—	—	336	11	—	453	12
Minnkota Power Coop Inc.	—	—	—	—	—	—	—	—	—	—	—
Hawley (MN)	—	—	—	—	—	—	—	—	—	—	—
Mississippi Power Co.	714,524	33	103,415	—	—	—	328	*	2,477	461	49
Daniel, Victor J Jr. (MS)	278,739	33	—	—	—	—	151	*	—	347	5
Eaton (MS)	—	—	2,686	—	—	—	—	—	39	—	1
Standard Oil (MS)	—	—	89,944	—	—	—	—	—	2,249	—	—
Sweatt (MS)	—	—	2,669	—	—	—	—	—	36	—	14
Watson (MS)	435,785	—	8,116	—	—	—	177	—	154	114	29
Mississippi Pwr & Lgt Co.	—	421,362	42,418	—	—	—	—	636	405	—	777
Andrus (MS)	—	311,208	—	—	—	—	—	466	—	—	356
Brown, Rex (MS)	—	—	1,590	—	—	—	—	—	19	—	1
Delta (MS)	—	—	—	—	—	—	—	—	—	—	28
Natchez (MS)	—	—	—	—	—	—	—	—	—	—	—
Wilson, B (MS)	—	110,154	40,828	—	—	—	—	170	386	—	392
Mo Basin Mun Pwr Agency	—	—	—	—	—	—	—	—	—	—	4
Watertown (SD)	—	—	—	—	—	—	—	—	—	—	4
Modesto Irrigation Dist.	—	-14	-79	1,644	—	—	—	*	1	—	8
McClure (CA)	—	-14	—	—	—	—	—	*	—	—	6
New Hogan (CA)	—	—	—	1,646	—	—	—	—	—	—	—
Stone Drop (CA)	—	—	—	-2	—	—	—	—	—	—	—
Woodland (CA)	—	—	-79	—	—	—	—	—	1	—	2
Monongahela Power Co.	2,819,685	1,571	1,136	—	—	—	1,126	3	12	1,408	18
Albright (WV)	81,755	542	—	—	—	—	35	1	—	95	1
Fort Martin (WV)	695,419	915	—	—	—	—	264	1	—	320	4
Harrison (WV)	1,148,330	—	—	—	—	—	451	—	—	634	*
Pleasants (WV)	798,609	—	831	—	—	—	333	—	9	285	11
Rivesville (WV)	11,104	114	—	—	—	—	3	*	—	25	1
Willow Island (WV)	84,468	—	305	—	—	—	40	—	4	49	*
Montana Dakota Utils Co.	314,712	1,882	3,880	—	—	—	275	4	51	240	5
Coyote (ND)	250,639	1,833	—	—	—	—	211	4	—	206	3
Glendive (MT)	—	49	2,285	—	—	—	—	*	28	—	1
Heskett (ND)	38,791	—	—	—	—	—	39	—	—	22	—
Lewis & Clark (MT)	25,282	—	9	—	—	—	25	—	1	12	—
Miles City (MT)	—	—	1,594	—	—	—	—	—	22	—	1
Williston (ND)	—	—	-8	—	—	—	—	—	—	—	—
Montana Power Co (The)	950,071	2,117	1,264	367,336	—	—	659	5	12	489	9
Black Eagle (MT)	—	—	—	13,614	—	—	—	—	—	—	—
Cochrane (MT)	—	—	—	33,013	—	—	—	—	—	—	—
Colstrip (MT)	873,563	2,117	—	—	—	—	608	5	—	470	8
Corette, J E (MT)	76,508	—	1,264	—	—	—	51	—	12	19	—
Frank Bird (MT)	—	—	—	—	—	—	—	—	—	—	—
Hauser Lake (MT)	—	—	—	12,275	—	—	—	—	—	—	—
Holter (MT)	—	—	—	32,428	—	—	—	—	—	—	—
Kerr (MT)	—	—	—	116,347	—	—	—	—	—	—	—
Lake Diesel (MT)	—	—	—	—	—	—	—	—	—	—	—
Madison (MT)	—	—	—	4,406	—	—	—	—	—	—	—
Milltown (MT)	—	—	—	1,446	—	—	—	—	—	—	—
Morony (MT)	—	—	—	33,504	—	—	—	—	—	—	—
Mystic Lake (MT)	—	—	—	2,903	—	—	—	—	—	—	—
Rainbow (MT)	—	—	—	23,434	—	—	—	—	—	—	—
Ryan (MT)	—	—	—	43,765	—	—	—	—	—	—	—
Thompson Falls (MT)	—	—	—	50,201	—	—	—	—	—	—	—
Yellowstone (MT)	—	—	—	—	—	—	—	—	—	—	1
Montaup Electric Company	73,244	8,199	—	—	—	—	25	13	—	78	74
Somerset (MA)	73,244	8,199	—	—	—	—	25	13	—	78	74
Moorhead (City of)	—	—	—	—	—	—	—	—	—	2	*
Moorhead (MN)	—	—	—	—	—	—	—	—	—	2	*

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Morgan (City of)	—	—	7,607	—	—	—	—	—	107	—	—
Morgan City (LA)	—	—	7,607	—	—	—	—	—	107	—	—
Muscatine (City of)	129,061	20	70	—	—	—	80	*	1	147	2
Muscatine (IA)	129,061	20	70	—	—	—	80	*	1	147	2
N Y State Elec & Gas Corp	772,150	821	—	25,879	—	5,407	329	2	—	295	8
Cadyville (NY)	—	—	—	2,578	—	—	—	—	—	—	—
Goudey (NY)	70,555	115	—	—	—	—	29	*	—	46	1
Greenidge (NY)	61,026	34	—	—	—	—	23	*	—	52	1
Harris Lake (NY)	—	-2	—	—	—	—	—	*	—	—	*
Hickling (NY)	26,152	—	—	—	—	—	20	—	—	13	—
High Falls (NY)	—	—	—	9,590	—	—	—	—	—	—	—
Jennison (NY)	26,959	—	—	—	—	5,407	19	—	—	11	—
Kents Falls (NY)	—	—	—	3,785	—	—	—	—	—	—	—
Keuka (NY)	—	—	—	—	—	—	—	—	—	—	—
Mechanicville (NY)	—	—	—	4,977	—	—	—	—	—	—	—
Mill C (NY)	—	—	—	2,556	—	—	—	—	—	—	—
Milliken (NY)	194,657	20	—	—	—	—	83	*	—	79	2
Rainbow Falls (NY)	—	—	—	60	—	—	—	—	—	—	—
Seneca Falls (NY)	—	—	—	1,900	—	—	—	—	—	—	—
Somerset (NY)	392,801	654	—	—	—	—	155	1	—	95	4
Waterloo (NY)	—	—	—	433	—	—	—	—	—	—	—
Nantahala Pwr & Lgt Co	—	—	—	61,545	—	—	—	—	—	—	—
Bear Creek (NC)	—	—	—	3,729	—	—	—	—	—	—	—
Bryson (NC)	—	—	—	325	—	—	—	—	—	—	—
Cedar Cliff (NC)	—	—	—	2,811	—	—	—	—	—	—	—
Dillsboro (NC)	—	—	—	113	—	—	—	—	—	—	—
Franklin (NC)	—	—	—	638	—	—	—	—	—	—	—
Mission (NC)	—	—	—	—	—	—	—	—	—	—	—
Nantahala (NC)	—	—	—	33,621	—	—	—	—	—	—	—
Queens Creek (NC)	—	—	—	1,012	—	—	—	—	—	—	—
Tennessee Creek (NC)	—	—	—	4,771	—	—	—	—	—	—	—
Thorpe (NC)	—	—	—	12,850	—	—	—	—	—	—	—
Tuckasegee (NC)	—	—	—	1,675	—	—	—	—	—	—	—
Nantucket Elec Co	—	737	—	—	—	—	—	1	—	—	5
Nantucket (MA)	—	737	—	—	—	—	—	1	—	—	5
Natchitoches (City of)	—	—	—	—	—	—	—	—	—	—	—
Natchitoches (LA)	—	—	—	—	—	—	—	—	—	—	—
Nebraska City (City of)	—	-4	-67	—	—	—	—	*	*	—	—
Nebraska City (NE)	—	-2	-33	—	—	—	—	*	*	—	—
Syracuse No 2 (NE)	—	-2	-34	—	—	—	—	—	—	—	—
Nebraska Pub Power Dist	955,451	528	1,781	20,744	565,268	624	597	1	19	872	16
Canaday (NE)	—	—	—	—	—	—	—	—	—	—	—
Columbus (NE)	—	—	—	8,241	—	—	—	—	—	—	—
Cooper (NE)	—	—	—	—	565,268	—	—	—	—	—	—
David City (NE)	—	36	30	—	—	—	—	*	*	—	*
Gentleman (NE)	820,858	—	1,612	—	—	—	510	—	17	740	6
Hallam (NE)	—	69	—	—	—	—	—	*	—	—	3
Hebron (NE)	—	133	—	—	—	—	—	*	—	—	3
Kearney (NE)	—	—	—	—	—	—	—	—	—	—	—
Lodgepole (NE)	—	2	—	—	—	—	—	*	—	—	*
Lyons (NE)	—	9	—	—	—	—	—	*	—	—	*
Madison (NE)	—	23	8	—	—	—	—	*	*	—	*
Mc Cook (NE)	—	177	—	—	—	—	—	*	—	—	3
Minnechadua (NE)	—	—	—	—	—	—	—	—	—	—	—
Mobile (NE)	—	—	—	—	—	—	—	—	—	—	—
Monroe (NE)	—	—	—	1,854	—	—	—	—	—	—	—
North Platte (NE)	—	—	—	9,134	—	—	—	—	—	—	—
Ord (NE)	—	56	7	—	—	—	—	*	*	—	*
Schuyler (NE)	—	—	—	—	—	—	—	—	—	—	—
Sheldon (NE)	134,593	—	103	—	—	624	87	—	1	132	—
Spencer (NE)	—	—	—	1,515	—	—	—	—	—	—	—
Sutherland (NE)	—	17	—	—	—	—	—	*	—	—	*
Wakefield (NE)	—	6	21	—	—	—	—	*	*	—	*

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Nevada Irrigation Dist	—	—	—	13,272	—	—	—	—	—	—	—
Bowman (CA).....	—	—	—	1,369	—	—	—	—	—	—	—
Chicago Park (CA).....	—	—	—	2,026	—	—	—	—	—	—	—
Combie No (CA).....	—	—	—	—	—	—	—	—	—	—	—
Combie So (CA).....	—	—	—	—	—	—	—	—	—	—	—
Dutch Flat No.2 (CA).....	—	—	—	761	—	—	—	—	—	—	—
Rollins (CA).....	—	—	—	9,116	—	—	—	—	—	—	—
Scott Flat (CA).....	—	—	—	—	—	—	—	—	—	—	—
Nevada Power Co	225,990	701	1,865	—	—	—	163	2	31	387	67
Clark (NV).....	—	—	490	—	—	—	—	—	10	—	30
Gardner, Reid (NV).....	225,990	701	—	—	—	—	163	2	—	387	7
Sun Peak (NV).....	—	—	1,375	—	—	—	—	—	21	—	—
Sunrise (NV).....	—	—	—	—	—	—	—	—	—	—	30
New England Power Co	895,333	322,429	272,595	151,720	—	—	347	546	2,117	504	331
Bear Swamp (MA).....	—	—	—	-15,227	—	—	—	—	—	—	—
Bellows Falls (VT).....	—	—	—	26,643	—	—	—	—	—	—	—
Brayton Point (MA).....	692,913	98,927	1,659	—	—	—	260	177	30	413	189
Comerford (NH).....	—	—	—	31,080	—	—	—	—	—	—	—
Deerfield No. 2 (MA).....	—	—	—	3,866	—	—	—	—	—	—	—
Deerfield No. 3 (MA).....	—	—	—	3,956	—	—	—	—	—	—	—
Deerfield No. 4 (MA).....	—	—	—	3,648	—	—	—	—	—	—	—
Deerfield No. 5 (MA).....	—	—	—	8,750	—	—	—	—	—	—	—
Fife Brook (MA).....	—	—	—	4,457	—	—	—	—	—	—	—
Gloucester (MA).....	—	959	—	—	—	—	—	2	—	—	2
Harriman (VT).....	—	—	—	16,245	—	—	—	—	—	—	—
Manchester Street (RD).....	—	47	270,936	—	—	—	—	*	2,088	—	21
McIndoes (NH).....	—	—	—	5,363	—	—	—	—	—	—	—
Moore (NH).....	—	—	—	25,690	—	—	—	—	—	—	—
Newburyport (MA).....	—	128	—	—	—	—	—	*	—	—	1
Salem Harbor (MA).....	202,420	222,368	—	—	—	—	87	367	—	91	119
Searsburg (VT).....	—	—	—	3,192	—	—	—	—	—	—	—
Sherman (MA).....	—	—	—	4,201	—	—	—	—	—	—	—
Vernon (NH).....	—	—	—	9,943	—	—	—	—	—	—	—
Vernon (VT).....	—	—	—	5,208	—	—	—	—	—	—	—
Wilder (NH).....	—	—	—	9,082	—	—	—	—	—	—	—
Wilder (VT).....	—	—	—	5,623	—	—	—	—	—	—	—
New Orleans Pub Serv Inc	—	48,811	86,201	—	—	—	—	71	1,047	—	171
Michoud (LA).....	—	48,806	86,201	—	—	—	—	71	1,047	—	169
Paterson, A B (LA).....	—	5	—	—	—	—	—	*	—	—	2
New Ulm (City of)	1,085	7	1,175	—	—	—	1	*	34	2	3
New Ulm (MN).....	1,085	7	1,175	—	—	—	1	*	34	2	3
Niagara Mohawk Power Corp	648,935	46,243	10	351,813	1,279,077	—	254	85	*	207	416
Albany (NY).....	—	31,703	10	—	—	—	—	57	*	—	220
Allens Falls (NY).....	—	—	—	2,296	—	—	—	—	—	—	—
Baldwinsville (NY).....	—	—	—	106	—	—	—	—	—	—	—
Beardslee (NY).....	—	—	—	1,946	—	—	—	—	—	—	—
Beebee Island (NY).....	—	—	—	3,661	—	—	—	—	—	—	—
Belfort (NY).....	—	—	—	606	—	—	—	—	—	—	—
Bennetts Bridge (NY).....	—	—	—	12,122	—	—	—	—	—	—	—
Black River (NY).....	—	—	—	2,954	—	—	—	—	—	—	—
Blake (NY).....	—	—	—	8,934	—	—	—	—	—	—	—
Browns Falls (NY).....	—	—	—	6,824	—	—	—	—	—	—	—
Chasm (NY).....	—	—	—	1,793	—	—	—	—	—	—	—
Colton (NY).....	—	—	—	20,107	—	—	—	—	—	—	—
Deferiet (NY).....	—	—	—	5,423	—	—	—	—	—	—	—
Dunkirk (NY).....	314,199	744	—	—	—	—	121	1	—	78	1
Eagle (NY).....	—	—	—	4,242	—	—	—	—	—	—	—
East Norfolk (NY).....	—	—	—	2,275	—	—	—	—	—	—	—
Eel Weir (NY).....	—	—	—	1,448	—	—	—	—	—	—	—
Effley (NY).....	—	—	—	1,625	—	—	—	—	—	—	—
Elmer (NY).....	—	—	—	1,220	—	—	—	—	—	—	—
Ephratah (NY).....	—	—	—	1,854	—	—	—	—	—	—	—
Feeder Dam (NY).....	—	—	—	2,270	—	—	—	—	—	—	—
Five Falls (NY).....	—	—	—	14,129	—	—	—	—	—	—	—
Flat Rock (NY).....	—	—	—	1,844	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Niagara Mohawk Power Corp											
Franklin (NY).....	—	—	—	1,058	—	—	—	—	—	—	—
Fulton (NY).....	—	—	—	528	—	—	—	—	—	—	—
Glenwood (NY).....	—	—	—	518	—	—	—	—	—	—	—
Granby (NY).....	—	—	—	6,295	—	—	—	—	—	—	—
Green Island (NY).....	—	—	—	2,312	—	—	—	—	—	—	—
Hannawa (NY).....	—	—	—	5,171	—	—	—	—	—	—	—
Herrings (NY).....	—	—	—	3,147	—	—	—	—	—	—	—
Heuvelton (NY).....	—	—	—	535	—	—	—	—	—	—	—
High Dam (NY).....	—	—	—	5,180	—	—	—	—	—	—	—
High Falls (NY).....	—	—	—	3,988	—	—	—	—	—	—	—
Higley (NY).....	—	—	—	3,537	—	—	—	—	—	—	—
Hogansburg (NY).....	—	—	—	163	—	—	—	—	—	—	—
Huntley, C R (NY).....	334,736	551	—	—	—	—	133	1	—	129	2
Hydraulic Race (NY).....	—	—	—	—	—	—	—	—	—	—	—
Inghams (NY).....	—	—	—	-59	—	—	—	—	—	—	—
Johnsonville (NY).....	—	—	—	1,171	—	—	—	—	—	—	—
Kamargo (NY).....	—	—	—	2,533	—	—	—	—	—	—	—
Lighthouse Hill (NY).....	—	—	—	2,734	—	—	—	—	—	—	—
Macomb (NY).....	—	—	—	631	—	—	—	—	—	—	—
Mechanicville (NY).....	—	—	—	-179	—	—	—	—	—	—	—
Minetto (NY).....	—	—	—	4,403	—	—	—	—	—	—	—
Moshier (NY).....	—	—	—	5,807	—	—	—	—	—	—	—
Nine Mile Point (NY).....	—	6	—	—	1,279,077	—	—	*	—	—	1
Norfolk (NY).....	—	—	—	2,681	—	—	—	—	—	—	—
Norwood (NY).....	—	—	—	1,440	—	—	—	—	—	—	—
Oak Orchard (NY).....	—	—	—	—	—	—	—	—	—	—	—
Oswegatchie (NY).....	—	—	—	—	—	—	—	—	—	—	—
Oswego (NY).....	—	13,239	—	—	—	—	—	25	—	—	192
Oswego Falls Es (NY).....	—	—	—	2,803	—	—	—	—	—	—	—
Oswego Falls Ws (NY).....	—	—	—	906	—	—	—	—	—	—	—
Parishville (NY).....	—	—	—	1,468	—	—	—	—	—	—	—
Piercefield (NY).....	—	—	—	-10	—	—	—	—	—	—	—
Prospect (NY).....	—	—	—	8,491	—	—	—	—	—	—	—
Rainbow (NY).....	—	—	—	14,235	—	—	—	—	—	—	—
Raymondville (NY).....	—	—	—	844	—	—	—	—	—	—	—
Schaghticoke (NY).....	—	—	—	7,610	—	—	—	—	—	—	—
School Street (NY).....	—	—	—	21,810	—	—	—	—	—	—	—
Schuylerville (NY).....	—	—	—	937	—	—	—	—	—	—	—
Sewalls (NY).....	—	—	—	1,210	—	—	—	—	—	—	—
Sherman Island (NY).....	—	—	—	13,749	—	—	—	—	—	—	—
So Glens Falls (NY).....	—	—	—	—	—	—	—	—	—	—	—
Soft Maple (NY).....	—	—	—	5,489	—	—	—	—	—	—	—
South Colton (NY).....	—	—	—	11,869	—	—	—	—	—	—	—
South Edwards (NY).....	—	—	—	2,435	—	—	—	—	—	—	—
Spier Falls (NY).....	—	—	—	31,626	—	—	—	—	—	—	—
Stark (NY).....	—	—	—	14,027	—	—	—	—	—	—	—
Stewarts Bridge (NY).....	—	—	—	22,288	—	—	—	—	—	—	—
Stuyvesant Falls (NY).....	—	—	—	—	—	—	—	—	—	—	—
Sugar Island (NY).....	—	—	—	2,797	—	—	—	—	—	—	—
Talcville (NY).....	—	—	—	431	—	—	—	—	—	—	—
Taylorville (NY).....	—	—	—	3,031	—	—	—	—	—	—	—
Trenton (NY).....	—	—	—	15,512	—	—	—	—	—	—	—
Varick (NY).....	—	—	—	3,739	—	—	—	—	—	—	—
Waterport (NY).....	—	—	—	1,105	—	—	—	—	—	—	—
West, E J (NY).....	—	—	—	11,962	—	—	—	—	—	—	—
Yaleville (NY).....	—	—	—	176	—	—	—	—	—	—	—
North Atlantic Engy Serv											
Corp.....	—	—	—	—	864,360	—	—	—	—	—	—
Seabrook (NH).....	—	—	—	—	864,360	—	—	—	—	—	—
North Little Rk (City of)											
Murray (AR).....	—	—	—	17,406	—	—	—	—	—	—	—
Northeast Nucl Energy Co											
Millstone (CT).....	—	—	—	—	-9,710	—	—	—	—	—	—
Northern Ind Pub Serv Co											
Bailly (IN).....	1,257,113	1,520	4,589	7,563	—	—	724	—	55	716	—
	298,272	—	322	—	—	—	142	—	3	38	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Northern Ind Pub Serv Co											
Michigan City (IN).....	227,141	—	420	—	—	—	132	—	5	60	—
Mitchell, Dean H (IN).....	170,891	—	756	—	—	—	106	—	9	123	—
Norway (IN).....	—	—	—	3,162	—	—	—	—	—	—	—
Oakdale (IN).....	—	—	—	4,401	—	—	—	—	—	—	—
Schahfer, R. M. (IN).....	560,809	1,520	3,091	—	—	—	344	—	39	495	—
Northern States Power Co	1,925,097	73,569	8,640	81,905	1,090,438	31,169	1,275	23	144	736	138
Angus Anson (SD).....	—	759	1,659	—	—	—	—	2	26	—	31
Apple River (WI).....	—	—	—	1,359	—	—	—	—	—	—	—
Bay Front (WI).....	14,694	—	4,196	—	—	7,671	10	—	69	9	—
Big Falls (WI).....	—	—	—	4,496	—	—	—	—	—	—	—
Black Dog (MN).....	83,698	—	494	—	—	—	53	—	5	64	*
Blue Lake (MN).....	—	1,046	—	—	—	—	—	5	—	—	19
Cedar Falls (WI).....	—	—	—	2,997	—	—	—	—	—	—	—
Chippewa Falls (WI).....	—	—	—	6,974	—	—	—	—	—	—	—
Cornell (WI).....	—	—	—	8,041	—	—	—	—	—	—	—
Dells (WI).....	—	—	—	5,320	—	—	—	—	—	—	—
Flambeau (WI).....	—	—	1,410	—	—	—	—	—	27	—	4
French Island (WI).....	—	-134	8	—	—	5,837	—	—	*	—	2
Granite City (MN).....	—	—	-52	—	—	—	—	—	1	—	1
Hayward (WI).....	—	—	—	124	—	—	—	—	—	—	—
Hennepin Island (MN).....	—	—	—	664	—	—	—	—	—	—	—
High Bridge (MN).....	135,240	—	740	—	—	—	85	—	8	17	3
Holcombe (WI).....	—	—	—	8,998	—	—	—	—	—	—	—
Inver Hills (MN).....	—	3,036	—	—	—	—	—	8	—	—	36
Jim Falls (WI).....	—	—	—	12,049	—	—	—	—	—	—	—
Key City (MN).....	—	—	-105	—	—	—	—	—	—	—	3
King (MN).....	266,793	46,429	174	—	—	691	149	—	2	87	—
Ladysmith (WI).....	—	—	—	1,324	—	—	—	—	—	—	—
Menomonie (WI).....	—	—	—	1,989	—	—	—	—	—	—	—
Minnesota Valley (MN).....	—	—	-53	—	—	—	—	—	2	*	*
Monticello (MN).....	—	—	—	—	414,859	—	—	—	—	—	—
Pathfinder (SD).....	—	—	-159	—	—	—	—	—	—	—	—
Prairie Island (MN).....	—	—	—	—	675,579	—	—	—	—	—	—
Redwing (MN).....	—	—	96	—	—	6,318	—	—	2	—	—
Riverdale (WI).....	—	—	—	215	—	—	—	—	—	—	—
Riverside (MN).....	196,605	19,481	180	—	—	—	118	*	2	39	*
Saxon Falls (MI).....	—	—	—	1,135	—	—	—	—	—	—	—
Sherburne County (MN).....	1,228,067	286	—	—	—	—	862	1	—	521	4
St Croix Falls (WI).....	—	—	—	9,683	—	—	—	—	—	—	—
Superior Falls (MI).....	—	—	—	1,356	—	—	—	—	—	—	—
Thornapple (WI).....	—	—	—	898	—	—	—	—	—	—	—
Trego (WI).....	—	—	—	680	—	—	—	—	—	—	—
West Faribault (MN).....	—	—	-29	—	—	—	—	—	—	—	—
Wheaton (WI).....	—	2,666	—	—	—	—	—	8	—	—	33
White River (WI).....	—	—	—	397	—	—	—	—	—	—	—
Wilmarth (MN).....	—	—	81	—	—	10,652	—	—	1	—	—
Wissota (WI).....	—	—	—	13,206	—	—	—	—	—	—	—
Northwestern Pub Serv Co											
Aberdeen (SD).....	—	-96	-105	—	—	—	—	*	1	—	13
Clark (SD).....	—	-10	—	—	—	—	—	*	—	—	5
Faulkton (SD).....	—	-10	—	—	—	—	—	*	—	—	*
Highmore (SD).....	—	-17	—	—	—	—	—	*	—	—	*
Huron (SD).....	—	-21	—	—	—	—	—	—	—	—	*
Mobile (SD).....	—	—	-101	—	—	—	—	*	—	—	6
Redfield (SD).....	—	-7	—	—	—	—	—	*	—	—	*
Webster (SD).....	—	3	—	—	—	—	—	*	—	—	*
Yankton New (SD).....	—	-32	—	—	—	—	—	*	—	—	*
Oakdale South San Joaquin											
Beardsley (CA).....	—	—	—	60,375	—	—	—	—	—	—	—
Donnels (CA).....	—	—	—	7,028	—	—	—	—	—	—	—
Sand Bar (CA).....	—	—	—	34,299	—	—	—	—	—	—	—
Tulloch (CA).....	—	—	—	7,548	—	—	—	—	—	—	—
Oglethorpe Power Corp											
Rocky Mountain (GA).....	—	—	—	-18,042	—	—	—	—	—	—	—
Tallassee (GA).....	—	—	—	-18,137	—	—	—	—	—	—	—
				95	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Ohio Edison Co	1,419,484	1,305	—	—	—	—	614	3	—	791	34
Burger, R E (OH).....	186,537	156	—	—	—	—	81	*	—	142	2
Edgewater (OH).....	—	80	—	—	—	—	—	*	—	—	7
Gorge Steam (OH).....	—	—	—	—	—	—	—	—	—	—	—
Mad River (OH).....	—	149	—	—	—	—	—	1	—	—	15
Niles (OH).....	113,406	108	—	—	—	—	53	*	—	47	8
Sammis (OH).....	1,119,541	812	—	—	—	—	480	2	—	602	3
West Lorain (OH).....	—	—	—	—	—	—	—	—	—	—	—
Ohio Power Co	3,612,361	5,073	—	22,917	—	—	1,477	9	—	1,703	83
Gavin, Gen J M (OH).....	1,397,953	1,822	—	—	—	—	616	3	—	848	38
Kammer (WV).....	462,737	198	—	—	—	—	179	*	—	145	1
Mitchell (WV).....	928,772	1,285	—	—	—	—	355	2	—	365	32
Muskingum River (OH).....	822,899	1,768	—	—	—	—	327	3	—	346	13
Racine (OH).....	—	—	—	22,917	—	—	—	—	—	—	—
Tidd (OH).....	—	—	—	—	—	—	—	—	—	—	—
Ohio Valley Elec Corp.	625,994	291	—	—	—	—	234	*	—	450	1
Kyger Creek (OH).....	625,994	291	—	—	—	—	234	*	—	450	1
Oklahoma Gas & Elec Co.	1,545,678	88	159,827	—	—	—	911	*	1,727	2,582	221
Arbuckle (OK).....	—	—	—	—	—	—	—	—	—	—	—
Conoco (OK).....	—	—	40,661	—	—	—	—	—	362	—	—
Enid (OK).....	—	—	—	—	—	—	—	—	—	—	—
Horseshoe Lake (OK).....	—	—	—	—	—	—	—	—	—	—	41
Muskogee (OK).....	943,011	—	1,071	—	—	—	559	—	16	1,651	7
Mustang (OK).....	—	2	10	—	—	—	—	*	*	—	2
Seminole (OK).....	—	—	118,085	—	—	—	—	—	1,349	—	154
Sooner (OK).....	602,667	86	—	—	—	—	352	*	—	931	17
Woodward (OK).....	—	—	—	—	—	—	—	—	—	—	—
Oklahoma Mun Power											
Authority.....	—	—	—	8,001	—	—	—	—	*	—	1
Kaw Hydro (OK).....	—	—	—	8,001	—	—	—	—	—	—	—
Ponca Steam (OK).....	—	—	—	—	—	—	—	—	—	—	—
Ponca Steam (OK).....	—	—	—	—	—	—	—	—	*	—	1
Omaha Public Power Dist.	574,935	1,316	322	—	351,391	—	371	4	4	643	31
Fort Calhoun (NE).....	—	—	—	—	351,391	—	—	*	—	—	16
Jones Street (NE).....	—	-38	—	—	—	—	—	—	—	—	4
Nebraska City (NE).....	334,684	522	—	—	—	—	210	1	—	382	—
North Omaha (NE).....	240,251	—	251	—	—	—	161	—	3	261	—
Sarpy (NE).....	—	832	71	—	—	—	—	3	2	—	11
Orange & Rockland Util Inc.	163,873	11,901	18,195	19,013	—	—	70	23	201	54	356
Bowline Point (NY).....	—	2,195	1,245	—	—	—	—	6	22	—	284
Grahamsville (NY).....	—	—	—	12,163	—	—	—	—	—	—	—
Hillburn (NY).....	—	—	—	—	—	—	—	—	—	—	2
Lovett (NY).....	163,873	9,706	16,758	—	—	—	70	17	174	54	66
Mongaup (NY).....	—	—	—	1,376	—	—	—	—	—	—	—
Rio (NY).....	—	—	—	3,830	—	—	—	—	—	—	—
Shoemaker (NY).....	—	—	192	—	—	—	—	—	4	—	4
Swinging Bridge 1 (NY).....	—	—	—	-2	—	—	—	—	—	—	—
Swinging Bridge 2 (NY).....	—	—	—	1,646	—	—	—	—	—	—	—
Orlando (City of)	534,581	31,416	6,450	—	—	—	203	56	81	95	208
Indian River (FL).....	—	30,338	6,450	—	—	—	—	54	81	—	204
Stanton (FL).....	534,581	1,078	—	—	—	—	203	2	—	95	4
Oroville Wyandotte I Dist.	—	—	—	62,905	—	—	—	—	—	—	—
Forbestown (CA).....	—	—	—	14,221	—	—	—	—	—	—	—
Kelly Ridge (CA).....	—	—	—	7,516	—	—	—	—	—	—	—
Sly Creek (CA).....	—	—	—	8,513	—	—	—	—	—	—	—
Woodleaf (CA).....	—	—	—	32,655	—	—	—	—	—	—	—
Orrville (City of)	26,460	—	58	—	—	—	17	—	1	3	—
Orrville (OH).....	26,460	—	58	—	—	—	17	—	1	3	—
Ottawa (City of)	—	-1	-18	—	—	—	—	*	2	—	1
Ottawa (KS).....	—	-1	-18	—	—	—	—	*	2	—	1

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Otter Tail Power Co.....	278,628	230	—	2,125	—	—	169	1	—	125	16
Bemidji (MN).....	—	—	—	103	—	—	—	—	—	—	—
Big Stone (SD).....	230,726	133	—	—	—	—	138	*	—	111	4
Dayton Hollow (MN).....	—	—	—	656	—	—	—	—	—	—	—
Hoot Lake (MN).....	47,902	146	—	479	—	—	30	*	—	14	*
Jamestown (ND).....	—	-23	—	—	—	—	—	*	—	—	8
Lake Preston (SD).....	—	-26	—	—	—	—	—	*	—	—	4
Pisgah (MN).....	—	—	—	398	—	—	—	—	—	—	—
Port 148 (MN).....	—	—	—	—	—	—	—	—	—	—	—
Taplin Gorge (MN).....	—	—	—	208	—	—	—	—	—	—	—
Wright (MN).....	—	—	—	281	—	—	—	—	—	—	—
Owatonna (City of).....	—	—	20	—	—	—	—	—	*	—	—
Owatonna (MN).....	—	—	20	—	—	—	—	—	*	—	—
Owensboro (City of).....	212,640	384	—	—	—	—	99	1	—	46	1
Elmer Smith (KY).....	212,640	384	—	—	—	—	99	1	—	46	1
Pacific Gas & Electric Co.....	—	1,006	547,299	1,207,405	1,615,897	354,102	—	3	5,982	—	1,505
Alta (CA).....	—	—	—	13	—	—	—	—	—	—	—
Angels (CA).....	—	—	—	739	—	—	—	—	—	—	—
Balch 1 (CA).....	—	—	—	24,696	—	—	—	—	—	—	—
Balch 2 (CA).....	—	—	—	79,212	—	—	—	—	—	—	—
Belden (CA).....	—	—	—	82,911	—	—	—	—	—	—	—
Black, James B (CA).....	—	—	—	66,014	—	—	—	—	—	—	—
Bucks Creek (CA).....	—	—	—	-2	—	—	—	—	—	—	—
Butt Valley (CA).....	—	—	—	13,927	—	—	—	—	—	—	—
Caribou 1 (CA).....	—	—	—	54,798	—	—	—	—	—	—	—
Caribou 2 (CA).....	—	—	—	16,166	—	—	—	—	—	—	—
Centerville (CA).....	—	—	—	—	—	—	—	—	—	—	—
Chili Bar (CA).....	—	—	—	5,408	—	—	—	—	—	—	—
Coal Canyon (CA).....	—	—	—	—	—	—	—	—	—	—	—
Coleman (CA).....	—	—	—	7,864	—	—	—	—	—	—	—
Contra Costa (CA).....	—	—	95,906	—	—	—	—	—	990	—	459
Cow Creek (CA).....	—	—	—	1,335	—	—	—	—	—	—	—
Crane Valley (CA).....	—	—	—	563	—	—	—	—	—	—	—
Cresta (CA).....	—	—	—	-22	—	—	—	—	—	—	—
De Sabla (CA).....	—	—	—	489	—	—	—	—	—	—	—
Deer Creek (CA).....	—	—	—	56	—	—	—	—	—	—	—
Diablo Canyon (CA).....	—	—	—	—	1,615,897	—	—	—	—	—	—
Downieville (CA).....	—	-5	—	—	—	—	—	—	—	—	*
Drum 1 (CA).....	—	—	—	358	—	—	—	—	—	—	—
Drum 2 (CA).....	—	—	—	419	—	—	—	—	—	—	—
Dutch Flat (CA).....	—	—	—	1,102	—	—	—	—	—	—	—
El Dorado (CA).....	—	—	—	182	—	—	—	—	—	—	—
Electra (CA).....	—	—	—	35,775	—	—	—	—	—	—	—
Haas (CA).....	—	—	—	81,802	—	—	—	—	—	—	—
Halsey (CA).....	—	—	—	3,237	—	—	—	—	—	—	—
Hamilton Branch (CA).....	—	—	—	30	—	—	—	—	—	—	—
Hat Creek 1 (CA).....	—	—	—	4,692	—	—	—	—	—	—	—
Hat Creek 2 (CA).....	—	—	—	5,098	—	—	—	—	—	—	—
Helms (CA).....	—	—	—	-67,541	—	—	—	—	—	—	—
Hercules St (CA).....	—	—	—	—	—	—	—	—	—	—	—
Humbolt Bay (CA).....	—	—	10,958	—	—	—	—	—	198	—	22
Hunters Point (CA).....	—	81	76,135	—	—	—	—	*	992	—	16
Inskip (CA).....	—	—	—	53	—	—	—	—	—	—	—
Kerckhoff (CA).....	—	—	—	12,222	—	—	—	—	—	—	—
Kerckhoff 2 (CA).....	—	—	—	92,960	—	—	—	—	—	—	—
Kern Canyon (CA).....	—	—	—	—	—	—	—	—	—	—	—
Kilarc (CA).....	—	—	—	1,878	—	—	—	—	—	—	—
Kings River (CA).....	—	—	—	35,582	—	—	—	—	—	—	—
Lime Saddle (CA).....	—	—	—	179	—	—	—	—	—	—	—
Merced Falls (CA).....	—	—	—	83	—	—	—	—	—	—	—
Mobile Turbine (CA).....	—	—	—	—	—	—	—	—	—	—	*
Morro Bay (CA).....	—	—	50,272	—	—	—	—	—	553	—	—
Moss Landing (CA).....	—	—	185,303	—	—	—	—	—	1,838	—	72
Murphys (CA).....	—	—	—	2,306	—	—	—	—	—	—	—
Narrows (CA).....	—	—	—	6,072	—	—	—	—	—	—	—
Newcastle (CA).....	—	—	—	4,950	—	—	—	—	—	—	—
Oak Flat (CA).....	—	—	—	461	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Pacific Gas & Electric Co											
Oakland (CA).....	—	402	—	—	—	—	—	1	—	—	11
Phoenix (CA).....	—	—	—	292	—	—	—	—	—	—	—
Pit 1 (CA).....	—	—	—	31,140	—	—	—	—	—	—	—
Pit 3 (CA).....	—	—	—	53,257	—	—	—	—	—	—	—
Pit 4 (CA).....	—	—	—	70,471	—	—	—	—	—	—	—
Pit 5 (CA).....	—	—	—	102,122	—	—	—	—	—	—	—
Pit 6 (CA).....	—	—	—	52,350	—	—	—	—	—	—	—
Pit 7 (CA).....	—	—	—	74,924	—	—	—	—	—	—	—
Pittsburg (CA).....	—	—	70,177	—	—	—	—	—	805	—	769
Poe (CA).....	—	—	—	74,396	—	—	—	—	—	—	—
Potrero (CA).....	—	528	58,548	—	—	—	—	1	606	—	155
Potter Valley (CA).....	—	—	—	42,653	—	—	—	—	—	—	—
PVUSA 1 (CA).....	—	—	—	—	—	—	—	—	—	—	—
Rock Creek (CA).....	—	—	—	1,744	—	—	—	—	—	—	—
Salt Springs (CA).....	—	—	—	17,614	—	—	—	—	—	—	—
San Joaquin No. 1a (CA).....	—	—	—	172	—	—	—	—	—	—	—
San Joaquin No. 2 (CA).....	—	—	—	1,744	—	—	—	—	—	—	—
San Joaquin 3 (CA).....	—	—	—	2,281	—	—	—	—	—	—	—
South (CA).....	—	—	—	4,980	—	—	—	—	—	—	—
Spaulding No. 1 (CA).....	—	—	—	77	—	—	—	—	—	—	—
Spaulding No. 2 (CA).....	—	—	—	2,226	—	—	—	—	—	—	—
Spaulding No. 3 (CA).....	—	—	—	3,140	—	—	—	—	—	—	—
Spring Gap (CA).....	—	—	—	1,509	—	—	—	—	—	—	—
Stanislaus (CA).....	—	—	—	39,507	—	—	—	—	—	—	—
The Geysers (CA).....	—	—	—	—	—	354,102	—	—	—	—	—
Tiger Creek (CA).....	—	—	—	28,906	—	—	—	—	—	—	—
Toadtown (CA).....	—	—	—	—	—	—	—	—	—	—	—
Tule River (CA).....	—	—	—	4,391	—	—	—	—	—	—	—
Volta (CA).....	—	—	—	6,567	—	—	—	—	—	—	—
Volta 2 (CA).....	—	—	—	758	—	—	—	—	—	—	—
West Point (CA).....	—	—	—	7,901	—	—	—	—	—	—	—
Wise (CA).....	—	—	—	5,935	—	—	—	—	—	—	—
Wishon, A G (CA).....	—	—	—	281	—	—	—	—	—	—	—
Pacificorp.	4,526,104	1,769	11,633	689,298	—	16,891	2,560	3	199	2,697	27
American Fork (UT).....	—	—	—	—	—	—	—	—	—	—	—
Ashton (ID).....	—	—	—	3,782	—	—	—	—	—	—	—
Beaver Upper (UT).....	—	—	—	557	—	—	—	—	—	—	—
Bend (OR).....	—	—	—	485	—	—	—	—	—	—	—
Big Fork (MT).....	—	—	—	2,582	—	—	—	—	—	—	—
Blundell (UT).....	—	—	—	—	—	16,891	—	—	—	—	—
Bridger, Jim (WY).....	1,241,478	681	—	—	—	—	698	1	—	512	12
Carbon (UT).....	112,529	160	—	—	—	—	51	*	—	45	1
Centralia (WA).....	571,056	—	—	—	—	—	399	—	—	851	2
Clearwater 1 (OR).....	—	—	—	7,698	—	—	—	—	—	—	—
Clearwater 2 (OR).....	—	—	—	11,763	—	—	—	—	—	—	—
Cline Falls (OR).....	—	—	—	563	—	—	—	—	—	—	—
Condit (WA).....	—	—	—	9,308	—	—	—	—	—	—	—
Copco 1 (CA).....	—	—	—	8,213	—	—	—	—	—	—	—
Copco 2 (CA).....	—	—	—	20,097	—	—	—	—	—	—	—
Cove (ID).....	—	—	—	1,782	—	—	—	—	—	—	—
Cutler (UT).....	—	—	—	14,170	—	—	—	—	—	—	—
Eagle Point (OR).....	—	—	—	288	—	—	—	—	—	—	—
East Side (OR).....	—	—	—	1,744	—	—	—	—	—	—	—
Fall Creek (CA).....	—	—	—	1,341	—	—	—	—	—	—	—
Fish Creek (OR).....	—	—	—	7,156	—	—	—	—	—	—	—
Ftn Green (UT).....	—	—	—	—	—	—	—	—	—	—	—
Gadsby (UT).....	—	—	—	—	—	—	—	—	—	—	—
Grace (ID).....	—	—	—	8,606	—	—	—	—	—	—	—
Granite (UT).....	—	—	—	476	—	—	—	—	—	—	—
Hunter (emery) (UT).....	859,128	308	—	—	—	—	408	1	—	409	4
Huntington Canyon (UT).....	546,020	211	—	—	—	—	250	*	—	217	2
Hydro No. 1 (UT).....	—	—	—	170	—	—	—	—	—	—	—
Hydro No. 2 (UT).....	—	—	—	116	—	—	—	—	—	—	—
Hydro No. 3 (UT).....	—	—	—	151	—	—	—	—	—	—	—
Iron Gate (CA).....	—	—	—	13,709	—	—	—	—	—	—	—
John C Boyle (OR).....	—	—	—	63,519	—	—	—	—	—	—	—
Johnston, Dave (WY).....	541,891	400	—	—	—	—	373	1	—	331	2
Last Chance (UT).....	—	—	—	467	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Pacificorp											
Lemolo 1 (OR).....	—	—	—	18,867	—	—	—	—	—	—	—
Lemolo 2 (OR).....	—	—	—	5,445	—	—	—	—	—	—	—
Little Mountain (UT).....	—	—	10,686	—	—	—	—	—	190	—	1
Merwin (WA).....	—	—	—	97,726	—	—	—	—	—	—	—
Naches (WA).....	—	—	—	2,560	—	—	—	—	—	—	—
Naches Drop (WA).....	—	—	—	569	—	—	—	—	—	—	—
Naughton (WY).....	403,191	—	992	—	—	—	191	—	9	332	1
Olmstead (UT).....	—	—	—	5,825	—	—	—	—	—	—	—
Oneida (ID).....	—	—	—	3,869	—	—	—	—	—	—	—
Paris (ID).....	—	—	—	120	—	—	—	—	—	—	—
Pioneer (UT).....	—	—	—	3,010	—	—	—	—	—	—	—
Powerdale (OR).....	—	—	—	4,332	—	—	—	—	—	—	—
Prospect 1 (OR).....	—	—	—	401	—	—	—	—	—	—	—
Prospect 2 (OR).....	—	—	—	25,127	—	—	—	—	—	—	—
Prospect 3 (OR).....	—	—	—	4,627	—	—	—	—	—	—	—
Prospect 4 (OR).....	—	—	—	78	—	—	—	—	—	—	—
Skookumchuck (WA).....	—	—	—	392	—	—	—	—	—	—	—
Slide Creek (OR).....	—	—	—	7,754	—	—	—	—	—	—	—
Snake Creek (UT).....	—	—	—	202	—	—	—	—	—	—	—
Soda (ID).....	—	—	—	915	—	—	—	—	—	—	—
Soda Springs (OR).....	—	—	—	8,274	—	—	—	—	—	—	—
St Anthony (ID).....	—	—	—	380	—	—	—	—	—	—	—
Stairs (UT).....	—	—	—	385	—	—	—	—	—	—	—
Swift No. 2 (WA).....	—	—	—	41,135	—	—	—	—	—	—	—
Swift 1 (WA).....	—	—	—	133,068	—	—	—	—	—	—	—
Toketee (OR).....	—	—	—	31,197	—	—	—	—	—	—	—
Viva (WY).....	—	—	—	203	—	—	—	—	—	—	—
Wallowa Falls (OR).....	—	—	—	-6	—	—	—	—	—	—	—
Weber (UT).....	—	—	—	2,386	—	—	—	—	—	—	—
West Side (OR).....	—	—	—	387	—	—	—	—	—	—	—
Wyodak (WY).....	250,811	9	—	—	—	—	190	*	—	—	2
Yale (WA).....	—	—	—	111,327	—	—	—	—	—	—	—
Painesville (City of).....	17,483	2	7	—	—	—	10	*	*	10	2
Painesville (OH).....	17,483	2	7	—	—	—	10	*	*	10	2
Pasadena (City of).....	—	—	6,252	575	—	—	—	—	94	—	5
Azusa (CA).....	—	—	—	575	—	—	—	—	—	—	—
Broadway (CA).....	—	—	6,224	—	—	—	—	—	94	—	5
Glenarm (CA).....	—	—	28	—	—	—	—	—	1	—	—
Peabody (City of).....	—	10	82	—	—	—	—	*	1	—	5
Waters River (MA).....	—	10	82	—	—	—	—	*	1	—	5
Pella (City of).....	6,446	—	—	—	—	—	6	—	—	2	—
Pella (IA).....	6,446	—	—	—	—	—	6	—	—	2	—
Pend Oreille Pub Util D #1.....	—	—	—	42,022	—	—	—	—	—	—	—
Box Canyon (WA).....	—	—	—	42,022	—	—	—	—	—	—	—
Calispel Creek (WA).....	—	—	—	—	—	—	—	—	—	—	—
Pennsylvania Electric Co.....	4,186,322	4,644	1,247	-16,951	—	—	1,622	8	12	1,173	54
Blossburg (PA).....	—	—	42	—	—	—	—	—	1	—	—
Conemaugh (PA).....	1,158,750	220	1,205	—	—	—	438	*	11	445	8
Deep Creek (MD).....	—	—	—	1,080	—	—	—	—	—	—	—
Homer City (PA).....	1,288,828	1,630	—	—	—	—	497	2	—	154	2
Keystone (PA).....	1,232,137	718	—	—	—	—	468	1	—	378	9
Piney (PA).....	—	—	—	6,182	—	—	—	—	—	—	—
Seneca (PA).....	—	—	—	-24,213	—	—	—	—	—	—	—
Seward (PA).....	92,187	565	—	—	—	—	43	1	—	47	1
Shawville (PA).....	393,733	751	—	—	—	—	163	1	—	110	11
Warren (PA).....	20,687	568	—	—	—	—	12	1	—	38	7
Wayne (PA).....	—	192	—	—	—	—	—	1	—	—	16
Pennsylvania Power Co.....	1,560,943	1,199	—	—	—	—	641	2	—	428	23
Mansfield, Bruce (PA).....	1,413,225	1,074	—	—	—	—	574	2	—	407	22
New Castle (PA).....	147,718	125	—	—	—	—	67	*	—	20	1
Pennsylvania Pwr & Lgt Co.....	1,914,562	177,003	79	64,722	1,637,630	—	802	255	4	4,597	940

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Pennsylvania Pwr & Lgt Co											
Allentown (PA).....	—	137	—	—	—	—	—	*	—	—	4
Brunner Island (PA).....	790,362	2,339	—	—	—	—	301	4	—	519	4
Coal Storage (PA).....	—	—	—	—	—	—	—	—	—	2,987	—
Fishbach (PA).....	—	—	—	—	—	—	—	—	—	—	2
Harrisburg (PA).....	—	7	—	—	—	—	—	*	—	—	4
Harwood (PA).....	—	31	—	—	—	—	—	*	—	—	2
Holtwood (PA).....	28,340	16,411	—	50,447	—	—	25	1	—	73	*
Jenkins (PA).....	—	—	—	—	—	—	—	—	—	—	2
Loch Haven (PA).....	—	—	—	—	—	—	—	—	—	—	2
Martins Creek (PA).....	144,613	127,596	79	—	—	—	56	240	4	75	899
Montour (PA).....	767,197	2,555	—	—	—	—	307	9	—	343	10
Sunbury (PA).....	184,050	27,927	—	—	—	—	114	1	—	600	5
Susquehanna (PA).....	—	—	—	—	1,637,630	—	—	—	—	—	—
Wallenpaupack (PA).....	—	—	—	14,275	—	—	—	—	—	—	—
West Shore (PA).....	—	—	—	—	—	—	—	—	—	—	2
Williamsport (PA).....	—	—	—	—	—	—	—	—	—	—	2
Peru (City of)											
Peru (IL).....	—	-16	—	—	—	—	—	—	—	—	1
Peru Utilities											
Peru (IN).....	—	—	—	—	—	—	—	—	—	1	*
Piqua (City of)											
Piqua (OH).....	990	16	—	—	—	—	2	*	—	1	3
Piqua (OH).....	990	16	—	—	—	—	2	*	—	1	3
Placer County Wtr Agency											
French Meadows (CA).....	—	—	—	43,213	—	—	—	—	—	—	—
Hell Hole (WA).....	—	—	—	9,699	—	—	—	—	—	—	—
Middle Fork (CA).....	—	—	—	523	—	—	—	—	—	—	—
Oxbow (CA).....	—	—	—	30,324	—	—	—	—	—	—	—
Ralston (CA).....	—	—	—	2,388	—	—	—	—	—	—	—
Ralston (CA).....	—	—	—	279	—	—	—	—	—	—	—
Plains El Gen Trans Coop											
Algodones (NM).....	159,074	—	—	—	—	—	96	—	—	73	39
Escalante (NM).....	159,074	—	—	—	—	—	96	—	—	73	39
Plaquemine (City of)											
Plaquemine (LA).....	—	—	—	—	—	—	—	—	—	—	—
Platte River Power Auth											
Rawhide (CO).....	146,222	268	—	—	—	—	88	*	—	122	3
Rawhide (CO).....	146,222	268	—	—	—	—	88	*	—	122	3
Portland General Elec Co											
Beaver (OR).....	72,179	509	40,228	405,665	—	—	50	1	295	297	220
Bethel (OR).....	—	415	—	—	—	—	—	1	—	—	197
Boardman (OR).....	—	—	—	—	—	—	—	—	—	—	14
Boardman (OR).....	72,179	94	—	—	—	—	50	*	—	297	8
Bull Run (OR).....	—	—	—	15,378	—	—	—	—	—	—	—
Coyote Springs (OR).....	—	—	40,228	—	—	—	—	—	295	—	—
Faraday (OR).....	—	—	—	26,344	—	—	—	—	—	—	—
North Fork (OR).....	—	—	—	33,762	—	—	—	—	—	—	—
Oak Grove (OR).....	—	—	—	28,008	—	—	—	—	—	—	—
Pelton (OR).....	—	—	—	75,500	—	—	—	—	—	—	—
Pelton Re Regulation (OR).....	—	—	—	9,754	—	—	—	—	—	—	—
Portland Hydro Proj 1 (OR).....	—	—	—	15,474	—	—	—	—	—	—	—
Portland Hydro Proj 2 (OR).....	—	—	—	—	—	—	—	—	—	—	—
River Mill (OR).....	—	—	—	15,433	—	—	—	—	—	—	—
Round Butte (OR).....	—	—	—	179,338	—	—	—	—	—	—	—
Sullivan (OR).....	—	—	—	6,674	—	—	—	—	—	—	—
Potomac Edison Co (The)											
Dam 4 (WV).....	23,968	185	—	4,390	—	—	11	*	—	17	*
Dam 5 (WV).....	—	—	—	958	—	—	—	—	—	—	—
Luray (VA).....	—	—	—	796	—	—	—	—	—	—	—
Millville (WV).....	—	—	—	824	—	—	—	—	—	—	—
Newport (VA).....	—	—	—	614	—	—	—	—	—	—	—
Shenandoah (VA).....	—	—	—	933	—	—	—	—	—	—	—
Smith, R P (MD).....	23,968	185	—	224	—	—	—	—	—	—	—
Warren (VA).....	—	—	—	41	—	—	11	*	—	17	*

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)		
	Plant (State)	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Potomac Electric Pwr Co.....		1,426,241	200,901	11,746	—	—	—	527	419	131	587	785
Benning (DC).....		—	-457	—	—	—	—	—	4	—	—	96
Buzzard Point (DC).....		—	-109	—	—	—	—	—	1	—	—	19
Chalk Point (MD).....		268,505	178,578	9,874	—	—	—	100	350	107	126	415
Dickerson (MD).....		313,296	14,934	1,872	—	—	—	112	34	24	147	114
Morgantown (MD).....		686,935	6,917	—	—	—	—	248	29	—	218	141
Potomac River (VA).....		157,505	1,038	—	—	—	—	66	2	—	97	*
Power Authy of St of N Y.....		—	18,536	88,735	1,910,356	866,161	—	—	26	743	—	83
Ashokan (NY).....		—	—	—	458	—	—	—	—	—	—	—
Blenheim (NY).....		—	—	—	-72,683	—	—	—	—	—	—	—
Crescent (NY).....		—	—	—	6,169	—	—	—	—	—	—	—
Fitzpatrick (NY).....		—	—	—	—	474,810	—	—	—	—	—	—
Flynn (NY).....		—	18,536	75,884	—	—	—	—	26	614	—	83
Hinckley (NY).....		—	—	—	3,776	—	—	—	—	—	—	—
Indian Point (NY).....		—	—	—	—	391,351	—	—	—	—	—	—
Kensico (NY).....		—	—	—	1,370	—	—	—	—	—	—	—
Lewiston (NY).....		—	—	—	-18,694	—	—	—	—	—	—	—
Moses Niagara (NY).....		—	—	—	1,423,087	—	—	—	—	—	—	—
Moses Power Dam (NY).....		—	—	—	560,777	—	—	—	—	—	—	—
Poletti (NY).....		—	—	12,851	—	—	—	—	—	129	—	—
Vischer Ferry (NY).....		—	—	—	6,096	—	—	—	—	—	—	—
Princeton (City of).....		—	9	27	—	—	—	—	*	*	—	*
Princeton (IL).....		—	9	27	—	—	—	—	*	*	—	*
Pub Serv Co of New Hamp.....		379,154	154,612	31	35,843	—	—	155	264	*	339	450
Amoskeag (NH).....		—	—	—	10,829	—	—	—	—	—	—	—
Ayers Island (NH).....		—	—	—	4,062	—	—	—	—	—	—	—
Canaan (VT).....		—	—	—	800	—	—	—	—	—	—	—
Eastman Falls (NH).....		—	—	—	1,147	—	—	—	—	—	—	—
Garvins Falls (NH).....		—	—	—	4,855	—	—	—	—	—	—	—
Gorham (NH).....		—	—	—	1,199	—	—	—	—	—	—	—
Hooksett (NH).....		—	—	—	835	—	—	—	—	—	—	—
Jackman (NH).....		—	—	—	1,743	—	—	—	—	—	—	—
Lost Nation (NH).....		—	31	—	—	—	—	—	*	—	—	1
Merrimack (NH).....		306,997	189	—	—	—	—	118	*	—	252	2
Newington (NH).....		—	148,071	—	—	—	—	—	251	—	—	444
Schiller (NH).....		72,157	6,267	31	—	—	—	36	12	*	87	2
Smith (NH).....		—	—	—	10,373	—	—	—	—	—	—	—
White Lake (NH).....		—	54	—	—	—	—	—	*	—	—	1
Pub Serv Co of New Mexico.....		1,040,636	1,642	608	—	—	—	616	3	11	658	39
Las Vegas (NM).....		—	104	—	—	—	—	—	*	—	—	4
Reeves (NM).....		—	—	608	—	—	—	—	—	11	—	—
San Juan (NM).....		1,040,636	1,538	—	—	—	—	616	3	—	658	35
Public Serv Elec & Gas Co.....		514,644	31,172	43,411	—	779,846	—	201	63	435	511	826
Bayonne (NJ).....		—	-36	—	—	—	—	—	—	—	—	3
Bergen (NJ).....		—	28,758	37,980	—	—	—	—	42	306	—	74
Burlington (NJ).....		—	-78	61	—	—	—	—	3	2	—	68
Edison (NJ).....		—	—	408	—	—	—	—	—	5	—	96
Essex (NJ).....		—	37	462	—	—	—	—	*	10	—	95
Hope Creek (NJ).....		—	—	—	—	789,173	—	—	—	—	—	—
Hudson (NJ).....		276,988	3,169	3,441	—	—	—	114	5	34	224	149
Kearny (NJ).....		—	-864	-167	—	—	—	—	1	*	—	56
Linden (NJ).....		—	-1,211	515	—	—	—	—	1	9	—	146
Mercer (NJ).....		237,656	-42	504	—	—	—	87	—	61	287	3
National Park (NJ).....		—	27	—	—	—	—	—	*	—	—	3
Salem (NJ).....		—	-10	—	—	-9,327	—	—	*	—	—	16
Sewaren (NJ).....		—	1,422	207	—	—	—	—	10	8	—	115
Public Service Co of Colo.....		1,556,956	75	14,342	3,683	—	—	834	*	184	1,297	86
Alamosa (CO).....		—	73	92	—	—	—	—	*	2	—	5
Ames (CO).....		—	—	—	962	—	—	—	—	—	—	—
Arapahoe (CO).....		115,114	—	3,618	—	—	—	58	—	46	57	—
Boulder Hydro (CO).....		—	—	—	1,626	—	—	—	—	—	—	—
Cabin Creek (CO).....		—	—	—	-9,820	—	—	—	—	—	—	—
Cameo (CO).....		31,995	—	289	—	—	—	18	—	4	35	*
Cherokee (CO).....		416,240	—	3,788	—	—	—	192	—	40	247	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)		
	Plant (State)	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Public Service Co of Colo												
Comanche (CO).....	245,713	—	942	—	—	—	—	149	—	10	390	1
Fort Lupton (CO).....	—	—	476	—	—	—	—	—	—	10	—	14
Fort St. Vrain (CO).....	—	—	2,930	—	—	—	—	—	—	39	—	—
Fruita (CO).....	—	—	100	—	—	—	—	—	—	2	—	*
Georgetown Hydro (CO).....	—	—	—	145	—	—	—	—	—	—	—	—
Hayden (CO).....	305,740	2	168	—	—	—	—	154	*	2	186	3
Palisade Hydro (CO).....	—	—	—	2,029	—	—	—	—	—	—	—	—
Pawnee (CO).....	331,254	—	571	—	—	—	—	210	—	6	322	8
Salida No. 1 Hydro (CO).....	—	—	—	138	—	—	—	—	—	—	—	—
Salida No. 2 Hydro (CO).....	—	—	—	—	—	—	—	—	—	—	—	—
Shoshone Hydro (CO).....	—	—	—	6,286	—	—	—	—	—	—	—	—
Tacoma (CO).....	—	—	—	2,317	—	—	—	—	—	—	—	—
Valmont (CO).....	110,900	—	403	—	—	—	—	52	—	6	61	9
Zuni (CO).....	—	—	965	—	—	—	—	—	—	18	—	46
Public Service Co of Okla.....												
Comanche (OK).....	653,150	9	315,452	—	—	—	—	374	*	3,238	387	104
Northeastern (OK).....	—	9	126,598	—	—	—	—	—	*	1,166	—	*
Riverside (OK).....	653,150	—	9,168	—	—	—	—	374	—	108	387	*
Southwestern (OK).....	—	—	114,635	—	—	—	—	—	—	1,216	—	53
Tulsa (OK).....	—	—	63,839	—	—	—	—	—	—	726	—	49
Weleetka (OK).....	—	—	1,212	—	—	—	—	—	*	—	—	*
Weleetka (OK).....												
—	—	—	1,212	—	—	—	—	—	—	23	—	*
Puget Sound Pwr & Lgt Co												
Crystal Mountain (WA).....	—	1,799	—	148,539	—	—	—	—	4	—	—	190
Electron (WA).....	—	163	—	—	—	—	—	—	*	—	—	1
Frederickson (WA).....	—	—	—	14,015	—	—	—	—	—	—	—	—
Fredonia (WA).....	—	242	—	—	—	—	—	—	1	—	—	91
Lower Baker (WA).....	—	862	—	—	—	—	—	—	2	—	—	74
Nooksack (WA).....	—	—	—	38,747	—	—	—	—	—	—	—	—
Snoqualmie (WA).....	—	—	—	12	—	—	—	—	—	—	—	—
South Whidbey (WA).....	—	166	—	31,831	—	—	—	—	1	—	—	3
Upper Baker (WA).....	—	—	—	—	—	—	—	—	—	—	—	—
White River (WA).....	—	—	—	39,060	—	—	—	—	—	—	—	—
Whitehorn (WA).....	—	366	—	24,874	—	—	—	—	—	—	—	—
PECO Energy Co												
Chester (PA).....	344,050	120,480	19,937	120,385	3,107,469	—	—	149	245	226	222	512
Conowingo (MD).....	—	1	—	—	—	—	—	—	*	—	—	5
Cromby (PA).....	85,425	30,247	1,229	159,695	—	—	—	35	52	13	60	39
Croydon (PA).....	—	13,841	—	—	—	—	—	—	44	—	—	47
Delaware (PA).....	—	12,128	—	—	—	—	—	—	27	—	—	76
Eddystone (PA).....	258,625	58,836	18,708	—	—	—	—	115	109	213	162	293
Falls (PA).....	—	1	—	—	—	—	—	—	*	—	—	10
Limerick (PA).....	—	—	—	—	1,446,078	—	—	—	—	—	—	—
Moser (PA).....	—	—	—	—	—	—	—	—	—	—	—	—
Muddy Run (PA).....	—	—	—	—	—	—	—	—	—	—	—	10
Oil Storage (PA).....	—	—	—	—	—	—	—	—	—	—	—	—
Peach Bottom (PA).....	—	—	—	—	—	1,661,391	—	—	—	—	—	—
Richmond (PA).....	—	1,389	—	—	—	—	—	—	4	—	—	23
Schuylkill (PA).....	—	4,012	—	—	—	—	—	—	8	—	—	5
Southwark (PA).....	—	25	—	—	—	—	—	—	*	—	—	6
PSI Energy, Inc												
Cayuga (IN).....	2,908,971	7,195	783	40,867	—	—	—	1,357	14	8	1,299	37
Connersville (IN).....	584,607	1,123	783	—	—	—	—	280	2	8	187	12
Edwardsport (IN).....	—	126	—	—	—	—	—	—	*	—	—	7
Gallagher, R (IN).....	38,052	145	—	—	—	—	—	22	*	—	36	3
Gibson (IN).....	261,545	2,117	—	—	—	—	—	109	4	—	86	2
Markland (IN).....	1,692,704	1,693	—	—	—	—	—	779	3	—	827	6
Miami Wabash (IN).....	—	—	—	40,867	—	—	—	—	—	—	—	—
Noblesville (IN).....	—	-76	—	—	—	—	—	—	1	—	—	6
Wabash River (IN).....	30,913	62	—	—	—	—	—	18	*	—	26	*
Whiskeytown (CA).....	301,150	2,005	—	—	—	—	—	150	4	—	138	2
Redding (City of).....												
Redding Power (CA).....	—	—	426	2,038	—	—	—	—	—	8	—	—
Whiskeytown (CA).....	—	—	426	—	—	—	—	—	—	8	—	—
Richmond (City of).....												
Whitewater Valley (IN).....	44,643	43	—	—	—	—	—	24	*	—	22	*
Whitewater Valley (IN).....	44,643	43	—	—	—	—	—	24	*	—	22	*

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Rochester (City of).....	21,057	-31	651	544	—	—	10	*	8	6	2
Cascade Creek (MN).....	—	-31	—	—	—	—	—	*	—	—	2
Rochester (MN).....	—	—	—	544	—	—	—	—	—	—	—
Silver Lake (MN).....	21,057	—	651	—	—	—	10	—	8	6	—
Rochester Gas & Elec Corp.....	125,168	256	3	20,829	368,576	—	51	1	*	113	4
Ginna (NY).....	—	—	—	—	368,576	—	—	—	—	—	—
Station 160 (NY).....	—	—	—	62	—	—	—	—	—	—	—
Station 170 (NY).....	—	—	—	371	—	—	—	—	—	—	—
Station 172 (NY).....	—	—	—	—	—	—	—	—	—	—	—
Station 2 (NY).....	—	—	—	3,964	—	—	—	—	—	—	—
Station 26 (NY).....	—	—	—	1,439	—	—	—	—	—	—	—
Station 3 (NY).....	39,667	21	—	—	—	—	16	*	—	*	3
Station 5 (NY).....	—	—	—	14,993	—	—	—	—	—	—	—
Station 7 (NY).....	85,501	235	—	—	—	—	35	*	—	113	1
Station 9 (NY).....	—	—	3	—	—	—	—	*	—	—	—
Rockville Ctr(Village of).....	—	267	646	—	—	—	—	1	8	—	1
Rockville (NY).....	—	267	646	—	—	—	—	1	8	—	1
Russell (City of).....	—	222	2,251	—	—	—	—	1	35	—	2
Russell (KS).....	—	222	2,251	—	—	—	—	1	35	—	2
Ruston (City of).....	—	—	19,627	—	—	—	—	—	207	—	—
Ruston (LA).....	—	—	19,627	—	—	—	—	—	207	—	—
Sacramento Mun Util Dist.....	—	—	21,228	355,251	—	43,741	—	—	246	—	3
Camino (CA).....	—	—	—	50,302	—	—	—	—	—	—	—
Camp Far W (CA).....	—	—	—	4,814	—	—	—	—	—	—	—
Carson (CA).....	—	—	21,326	—	—	—	—	—	246	—	—
Coldwater Creek (CA).....	—	—	—	—	—	—	—	—	—	—	—
Hedge PV (CA).....	—	—	—	—	—	9	—	—	—	—	—
Jaybird (CA).....	—	—	—	105,207	—	—	—	—	—	—	—
Jones Fork (CA).....	—	—	—	7,017	—	—	—	—	—	—	—
Loon Lake (CA).....	—	—	—	10,568	—	—	—	—	—	—	—
McClellan (CA).....	—	—	-98	—	—	—	—	—	—	—	3
Robbs Peak (CA).....	—	—	—	7,823	—	—	—	—	—	—	—
Slab Creek (CA).....	—	—	—	—	—	—	—	—	—	—	—
Smudgeo (CA).....	—	—	—	—	—	43,470	—	—	—	—	—
Solano (CA).....	—	—	—	—	—	204	—	—	—	—	—
Solar (CA).....	—	—	—	—	—	58	—	—	—	—	—
Union Valley (CA).....	—	—	—	32,741	—	—	—	—	—	—	—
White Rock (CA).....	—	—	—	136,779	—	—	—	—	—	—	—
Safe Harbor Waterpower Co.....	—	—	—	88,084	—	—	—	—	—	—	—
Safe Harbor (PA).....	—	—	—	88,084	—	—	—	—	—	—	—
Saint Cloud (City of).....	—	13	19	—	—	—	—	*	*	—	2
St Cloud (FL).....	—	13	19	—	—	—	—	*	*	—	2
Saint Marys (City of).....	4,319	22	—	—	—	—	3	*	—	1	*
Saint Marys (OH).....	4,319	22	—	—	—	—	3	*	—	1	*
Salt River Project.....	1,499,223	5,404	-1,688	16,980	—	—	735	10	3	1,092	268
Agua Fria (AZ).....	—	—	-524	—	—	—	—	*	3	—	58
Coronado (AZ).....	307,621	2,294	—	—	—	—	166	4	—	298	15
Crosscut (AZ).....	—	—	—	—	—	—	—	—	—	—	—
Horse Mesa (AZ).....	—	—	—	9,791	—	—	—	—	—	—	—
Kyrene (AZ).....	—	—	-344	—	—	—	—	*	1	—	52
Mormon Flat (AZ).....	—	—	—	4,799	—	—	—	—	—	—	—
Navajo (AZ).....	1,191,602	3,110	—	—	—	—	569	6	—	794	28
Roosevelt (AZ).....	—	—	—	2,150	—	—	—	—	—	—	—
San Tan (AZ).....	—	—	-820	—	—	—	—	—	—	—	93
South Con (AZ).....	—	—	—	—	—	—	—	—	—	—	—
Stewart Mtn (AZ).....	—	—	—	240	—	—	—	—	—	—	—
Tnk Frm Stg (AZ).....	—	—	—	—	—	—	—	—	—	—	23
San Antonio Pub Serv Brd.....	927,853	2,381	38,010	—	—	—	568	5	465	1,378	317
Braunig, V H (TX).....	—	465	21,869	—	—	—	—	1	263	—	194
Deely, J T (TX).....	537,065	444	—	—	—	—	339	1	—	1,378	123

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
San Antonio Pub Serv Brd											
J K Spruce (TX)	390,788	—	32	—	—	—	230	—	*	—	—
Leon Creek (TX)	—	—	-156	—	—	—	—	—	—	—	—
Mission Road (TX)	—	—	-160	—	—	—	—	—	—	—	—
Sommers, O W (TX)	—	1,472	16,139	—	—	—	—	3	193	—	—
Tuttle, W B (TX)	—	—	286	—	—	—	—	—	8	—	—
San Diego Gas & Elec Co	—	836	285,421	—	—	—	—	1	3,091	—	610
Division (CA)	—	—	—	—	—	—	—	—	—	—	—
El Cajon (CA)	—	—	—	—	—	—	—	—	—	—	1
Encina (CA)	—	—	138,174	—	—	—	—	—	1,575	—	322
Kearny (CA)	—	—	200	—	—	—	—	—	2	—	36
Leased Strg (CA)	—	—	—	—	—	—	—	—	—	—	1
Miramar (CA)	—	33	143	—	—	—	—	*	2	—	4
Naval Station (CA)	—	14	61	—	—	—	—	*	1	—	12
Naval Training Cntr (CA)	—	—	—	—	—	—	—	—	—	—	1
North Island (CA)	—	33	—	—	—	—	—	*	—	—	2
Silver Gate (CA)	—	—	—	—	—	—	—	—	—	—	—
South Bay (CA)	—	756	146,843	—	—	—	—	1	1,511	—	232
San Miguel Elec Coop Inc	287,065	25	—	—	—	—	319	*	—	139	7
San Miguel (TX)	287,065	25	—	—	—	—	319	*	—	139	7
Santa Clara (City of)	—	—	4,996	12,283	—	—	—	—	71	—	2
Black Butte (CA)	—	—	—	—	—	—	—	—	—	—	—
Cogen Plant (CA)	—	—	4,850	—	—	—	—	—	69	—	—
Gianera (CA)	—	—	146	—	—	—	—	—	2	—	2
Grizzly (CA)	—	—	—	9,144	—	—	—	—	—	—	—
Highline (CA)	—	—	—	—	—	—	—	—	—	—	—
Stony Gorge (CA)	—	—	—	3,139	—	—	—	—	—	—	—
Savannah Elec & Pwr Co	104,470	334	3,372	—	—	—	47	1	41	81	173
Boulevard (GA)	—	—	—	—	—	—	—	—	—	—	9
McIntosh (GA)	59,574	334	1,489	—	—	—	26	1	21	61	131
Port Wentworth (GA)	44,896	—	1,883	—	—	—	21	—	21	20	32
Riverside (GA)	—	—	—	—	—	—	—	—	—	—	—
Seattle (City of)	—	—	—	663,049	—	—	—	—	—	—	—
Boundary (WA)	—	—	—	356,631	—	—	—	—	—	—	—
Cedar Falls (WA)	—	—	—	19,493	—	—	—	—	—	—	—
Diablo (WA)	—	—	—	88,124	—	—	—	—	—	—	—
Gorge (WA)	—	—	—	101,395	—	—	—	—	—	—	—
New Halem (WA)	—	—	—	1,181	—	—	—	—	—	—	—
Ross Dam (WA)	—	—	—	88,425	—	—	—	—	—	—	—
South Fork Tolt (WA)	—	—	—	7,800	—	—	—	—	—	—	—
Seminole Electric Coop	809,944	2,450	—	—	—	—	334	4	—	333	7
Seminole (FL)	809,944	2,450	—	—	—	—	334	4	—	333	7
Shelby (City of)	7,421	2	21	—	—	—	4	*	*	*	*
Shelby (OH)	7,421	2	21	—	—	—	4	*	*	*	*
Sierra Pacific Power Co	300,000	2,895	123,967	1,612	—	—	144	9	1,389	259	154
Battle Mt (NV)	—	-25	—	—	—	—	—	—	—	—	*
Brunswick (NV)	—	-21	—	—	—	—	—	*	—	—	*
Elko (NV)	—	—	—	—	—	—	—	—	—	—	—
Fallon (NV)	—	-1	—	—	—	—	—	—	—	—	—
Farad (CA)	—	—	—	-6	—	—	—	—	—	—	—
Fleish (NV)	—	—	—	-7	—	—	—	—	—	—	—
Fort Churchill (NV)	—	20	54,331	—	—	—	—	1	566	—	84
Gabbs (NV)	—	-2	—	—	—	—	—	*	—	—	1
Kings Beach (CA)	—	-39	—	—	—	—	—	*	—	—	1
Lahontan (NV)	—	—	—	926	—	—	—	—	—	—	—
North Valmy (NV)	300,000	232	—	—	—	—	144	*	—	259	3
Portola (CA)	—	170	—	—	—	—	—	*	—	—	*
Tracy (NV)	—	2,586	69,675	—	—	—	—	6	822	—	64
Valley Road (NV)	—	-25	—	—	—	—	—	*	—	—	*
Verdi (NV)	—	—	—	709	—	—	—	—	—	—	—
Washoe (NV)	—	—	—	-9	—	—	—	—	—	—	—
Winnemucca (NV)	—	—	-39	—	—	—	—	—	*	—	*
26 Foot Drop (NV)	—	—	—	-1	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Sikeston (City of).....	160,514	273	—	—	—	—	76	*	—	91	2
Coleman, E. P. (MO).....	—	17	—	—	—	—	—	*	—	—	*
Sikeston (MO).....	160,514	256	—	—	—	—	76	*	—	91	1
So Carolina Elec & Gas Co.....	1,140,327	8,365	1,034	14,604	704,902	—	437	15	11	775	63
Burton (SC).....	—	—	—	—	—	—	—	—	—	—	2
Canadys (SC).....	56,213	4,190	777	—	—	—	25	8	8	109	7
Coit (SC).....	—	39	—	—	—	—	—	*	—	—	4
Columbia Hydro (SC).....	—	—	—	4,954	—	—	—	—	—	—	—
Cope (SC).....	203,323	1,187	—	—	—	—	77	2	—	118	4
Faber Place (SC).....	—	—	—	—	—	—	—	—	—	—	—
Fairfield County (SC).....	—	—	—	-14,300	—	—	—	—	—	—	—
Hagood (SC).....	—	—	—	—	—	—	—	—	—	—	13
Hardeeville (SC).....	—	—	—	—	—	—	—	—	—	—	*
Mcmeekin (SC).....	107,095	67	—	—	—	—	39	*	—	100	2
Neal Shoals (SC).....	—	—	—	3,210	—	—	—	*	—	—	9
Parr (SC).....	—	53	—	—	—	—	—	*	—	—	—
Parr Hydro (SC).....	—	—	—	7,994	—	—	—	—	—	—	—
Saluda Hydro (SC).....	—	—	—	3,866	—	—	—	—	—	—	—
Stevens Creek Hydro (GA).....	—	—	—	8,880	—	—	—	—	—	—	—
Urquhart (SC).....	63,464	205	257	—	—	—	27	*	3	74	4
V. C. Sumner (SC).....	—	—	—	—	704,902	—	—	—	—	—	—
Wateree (SC).....	332,517	2,624	—	—	—	—	128	4	—	239	7
Williams (SC).....	377,715	—	—	—	—	—	140	—	—	136	11
So Carolina Pub Serv Auth.....	1,343,881	3,776	—	44,306	—	—	523	8	—	915	127
Cross (SC).....	643,757	1,076	—	—	—	—	245	2	—	350	6
Grainger, Dolphus M (SC).....	28,122	61	—	—	—	—	12	*	—	54	*
Hilton Head (SC).....	—	—	—	—	—	—	—	*	—	—	23
Jefferies (SC).....	138,522	1,706	—	16,790	—	—	55	3	—	110	65
Myrtle Beach (SC).....	—	92	—	—	—	—	—	1	—	—	23
Spillway (SC).....	—	—	—	1,347	—	—	—	—	—	—	—
St Stephens (SC).....	—	—	—	26,169	—	—	—	—	—	—	—
Winyah (SC).....	533,480	841	—	—	—	—	211	1	—	400	9
South Miss Elec Pwr Assoc.....	182,403	753	28,397	—	—	—	80	1	324	202	6
Benndale (MS).....	—	—	—	—	—	—	—	—	—	—	—
Morrow (MS).....	182,403	654	—	—	—	—	80	1	—	202	3
Moselle (MS).....	—	65	28,397	—	—	—	—	*	324	—	2
Paulding (MS).....	—	34	—	—	—	—	—	*	—	—	2
South Texas Elec Coop Inc.....	—	61	639	—	—	—	—	*	11	—	19
Sam Rayburn (TX).....	—	61	639	—	—	—	—	*	11	—	19
Southern Calif Edison Co.....	923,382	2,135	640,744	413,989	790,329	—	439	5	7,326	554	3,109
Alamitos (CA).....	—	—	177,321	—	—	—	—	—	1,837	—	652
Baker Dam (CA).....	—	—	—	—	—	—	—	—	—	—	—
Big Creek 1 (CA).....	—	—	—	50,468	—	—	—	—	—	—	—
Big Creek 2 (CA).....	—	—	—	37,047	—	—	—	—	—	—	—
Big Creek 2a (CA).....	—	—	—	31,264	—	—	—	—	—	—	—
Big Creek 3 (CA).....	—	—	—	4,085	—	—	—	—	—	—	—
Big Creek 4 (CA).....	—	—	—	71,714	—	—	—	—	—	—	—
Big Creek 8 (CA).....	—	—	—	11,588	—	—	—	—	—	—	—
Bishop Creek 2 (CA).....	—	—	—	4,266	—	—	—	—	—	—	—
Bishop Creek 3 (CA).....	—	—	—	3,758	—	—	—	—	—	—	—
Bishop Creek 4 (CA).....	—	—	—	5,307	—	—	—	—	—	—	—
Bishop Creek 5 (CA).....	—	—	—	2,045	—	—	—	—	—	—	—
Bishop Creek 6 (CA).....	—	—	—	936	—	—	—	—	—	—	—
Borel (CA).....	—	—	—	7,400	—	—	—	—	—	—	—
Cool Water (CA).....	—	—	54,883	—	—	—	—	—	1,174	—	358
Dominguez Hills (CA).....	—	—	—	—	—	—	—	—	—	—	672
Eastwood (CA).....	—	—	—	2,609	—	—	—	—	—	—	—
El Segundo (CA).....	—	—	72,835	—	—	—	—	—	822	—	30
Ellwood (CA).....	—	—	1	—	—	—	—	—	*	—	—
Etiwanda (CA).....	—	—	34,801	—	—	—	—	—	500	—	286
Fontana (CA).....	—	—	—	752	—	—	—	—	—	—	—
Highgrove (CA).....	—	—	-100	—	—	—	—	—	—	—	—
Huntington Beach (CA).....	—	—	30,153	—	—	—	—	—	367	—	199
Kaweah 1 (CA).....	—	—	—	76	—	—	—	—	—	—	—
Kaweah 2 (CA).....	—	—	—	659	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
Plant (State)	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Southern Calif Edison Co											
Kaweah 3 (CA).....	—	—	—	219	—	—	—	—	—	—	—
Kern River 1 (CA).....	—	—	—	18,983	—	—	—	—	—	—	—
Kern River 3 (CA).....	—	—	—	22,760	—	—	—	—	—	—	—
Long Beach (CA).....	—	—	-1,516	—	—	—	—	—	—	—	11
Lundy (CA).....	—	—	—	1,557	—	—	—	—	—	—	—
Lytle Creek (CA).....	—	—	—	111	—	—	—	—	—	—	—
Mammoth Pool (CA).....	—	—	—	118,204	—	—	—	—	—	—	—
Mandalay (CA).....	—	—	95,906	—	—	—	—	—	887	—	390
Mill Creek 1 (CA).....	—	—	—	240	—	—	—	—	—	—	—
Mill Creek 2&3 (CA).....	—	—	—	—	—	—	—	—	—	—	—
Mill Creek 3 (CA).....	—	—	—	902	—	—	—	—	—	—	—
Mohave (NV).....	923,382	—	4,718	—	—	—	439	—	48	554	—
Ontario 1 (CA).....	—	—	—	502	—	—	—	—	—	—	—
Ontario 2 (CA).....	—	—	—	203	—	—	—	—	—	—	—
Ormond Beach (CA).....	—	—	-1,156	—	—	—	—	—	1	—	423
Pebble Beach (CA).....	—	2,135	—	—	—	—	—	5	—	—	2
Poole (CA).....	—	—	—	5,415	—	—	—	—	—	—	—
Portal (CA).....	—	—	—	300	—	—	—	—	—	—	—
Redondo Beach (CA).....	—	—	173,032	—	—	—	—	—	1,689	—	71
Rush Creek (CA).....	—	—	—	6,806	—	—	—	—	—	—	—
San Bernardino (CA).....	—	—	-134	—	—	—	—	—	—	—	15
San Geronimo (CA).....	—	—	—	92	—	—	—	—	—	—	—
San Geronimo (CA).....	—	—	—	—	—	—	—	—	—	—	—
San Onofre (CA).....	—	—	—	—	790,329	—	—	—	—	—	—
Santa Ana 1 (CA).....	—	—	—	1,131	—	—	—	—	—	—	—
Santa Ana 2 (CA).....	—	—	—	546	—	—	—	—	—	—	—
Santa Ana 3 (CA).....	—	—	—	547	—	—	—	—	—	—	—
Sierra (CA).....	—	—	—	373	—	—	—	—	—	—	—
Tule River (CA).....	—	—	—	1,124	—	—	—	—	—	—	—
Southern Ill Pwr Coop	109,190	11,128	—	—	—	—	60	1	—	224	2
Marion (IL).....	109,190	11,128	—	—	—	—	60	1	—	224	2
Southern Indiana G & E Co	582,797	44	2,559	—	—	—	279	*	32	257	6
A. B. Brown (IN).....	277,900	—	578	—	—	—	130	—	6	121	3
Broadway (IN).....	—	44	1,766	—	—	—	—	*	24	—	3
Culley (IN).....	232,372	—	98	—	—	—	115	—	1	110	—
Northeast (IN).....	—	—	—	—	—	—	—	—	—	—	—
Warrick (IN).....	72,525	—	117	—	—	—	34	—	1	27	—
Southwestern Elec Pwr Co	1,667,828	8,382	192,718	—	—	—	1,150	20	1,954	1,893	103
Arsenal Hill (LA).....	—	—	4,424	—	—	—	—	—	48	—	—
Flint Creek (AR).....	312,263	303	—	—	—	—	201	1	—	437	9
Knox Lee (TX).....	—	4,863	69,722	—	—	—	—	8	713	—	49
Lieberman (LA).....	—	1,601	10,687	—	—	—	—	9	83	—	17
Lone Star (TX).....	—	—	1,260	—	—	—	—	—	17	—	3
Pirkey (TX).....	463,002	—	1,574	—	—	—	379	—	16	281	—
Welsh (TX).....	892,563	1,615	—	—	—	—	570	3	—	1,175	9
Wilkes (TX).....	—	—	105,051	—	—	—	—	—	1,078	—	15
Southwestern Pub Serv Co	1,315,317	72	371,691	—	—	—	731	*	3,987	1,467	87
Carlsbad (NM).....	—	—	230	—	—	—	—	—	3	—	—
Cunningham (NM).....	—	—	70,977	—	—	—	—	—	741	—	—
Harrington (TX).....	659,139	—	1,029	—	—	—	371	—	10	729	—
Jones (TX).....	—	56	156,667	—	—	—	—	*	1,672	—	56
Maddox (NM).....	—	—	43,928	—	—	—	—	—	428	—	—
Moore County (TX).....	—	—	—	—	—	—	—	—	—	—	—
Nichols (TX).....	—	—	54,959	—	—	—	—	—	608	—	—
Plant X (TX).....	—	—	43,644	—	—	—	—	—	519	—	31
Riverview (TX).....	—	—	128	—	—	—	—	—	3	—	—
Tolk Station (TX).....	656,178	—	129	—	—	—	361	—	1	738	—
Tucumcari (NM).....	—	16	—	—	—	—	—	*	—	—	1
Soyland Power Coop Inc	2,097	143	—	—	—	—	1	1	—	7	3
Pearl Station (IL).....	2,097	216	—	—	—	—	1	1	—	7	3
Pittsfield (IL).....	—	-73	—	—	—	—	—	*	—	—	*
Springfield (City of)	210,110	146	—	—	—	—	101	*	—	74	6
Dallman (IL).....	191,134	84	—	—	—	—	89	*	—	72	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Springfield (City of)											
Factory (IL).....	—	—	—	—	—	—	—	—	—	—	3
Lakeside (IL).....	18,976	62	—	—	—	—	12	*	—	2	2
Reynolds (IL).....	—	—	—	—	—	—	—	—	—	—	2
Springfield (City of)	218,839	—	558	—	—	—	131	—	6	165	7
James River (MO).....	120,184	—	301	—	—	—	66	—	3	77	4
Main Street (MO).....	—	—	—	—	—	—	—	—	—	—	*
Southwest (MO).....	98,655	—	257	—	—	—	65	—	3	88	2
St Joseph Lgt & Pwr Co.	43,526	701	-173	—	—	—	23	2	1	30	59
Lake Road (MO).....	43,526	701	-173	—	—	—	23	2	1	30	59
Sunflower Elec Coop	211,250	—	480	—	—	—	126	—	7	153	—
Garden City (KS).....	—	—	-230	—	—	—	—	—	*	—	—
Holcomb (KS).....	211,250	—	710	—	—	—	126	—	7	153	—
Superior Wtr Lt Pwr Co.	—	—	—	—	—	—	—	—	—	—	—
Winslow (WI).....	—	—	—	—	—	—	—	—	—	—	—
Tacoma (City of)	1,510	—	10	478,189	—	6,081	2	—	*	3	—
Alder (WA).....	—	—	—	30,662	—	—	—	—	—	—	—
Cushman 1 (WA).....	—	—	—	21,063	—	—	—	—	—	—	—
Cushman 2 (WA).....	—	—	—	41,619	—	—	—	—	—	—	—
La Grande (WA).....	—	—	—	36,197	—	—	—	—	—	—	—
Mayfield (WA).....	—	—	—	121,456	—	—	—	—	—	—	—
Mossyrock (WA).....	—	—	—	220,243	—	—	—	—	—	—	—
Steam Plant 2 (WA).....	1,510	—	10	—	—	6,081	2	—	*	3	—
Wynoochee (WA).....	—	—	—	6,949	—	—	—	—	—	—	—
Tallahassee (City of)	—	13,507	82,114	2,511	—	—	—	25	850	—	130
Hopkins, Arvah B (FL).....	—	6,451	76,018	—	—	—	—	11	773	—	80
Jackson Bluff (FL).....	—	—	—	2,511	—	—	—	—	—	—	—
Purdum, S O (FL).....	—	7,056	6,096	—	—	—	—	14	77	—	50
Tampa Electric Co	1,456,554	10,986	—	—	—	—	658	22	—	1,206	133
Big Bend (FL).....	957,015	5,107	—	—	—	—	417	8	—	395	52
Coal Storage (FL).....	—	—	—	—	—	—	—	—	—	647	—
Gannon, F J (FL).....	499,539	2,752	—	—	—	—	241	6	—	165	6
Hookers Point (FL).....	—	1,741	—	—	—	—	—	5	—	—	72
S Dinner Lk (FL).....	—	—	—	—	—	—	—	—	—	—	—
S Phillips (FL).....	—	1,386	—	—	—	—	—	3	—	—	3
Taunton (City of)	—	2,920	—	—	—	—	—	7	—	—	14
Cleary, B F (MA).....	—	2,920	—	—	—	—	—	7	—	—	14
Tennessee Valley Auth.	8,541,001	22,046	—	1,921,789	3,833,656	—	3,573	40	—	2,836	628
Allen (TN).....	411,979	1,213	—	—	—	—	184	2	—	99	139
Apalachia (TN).....	—	—	—	55,477	—	—	—	—	—	—	—
Blue Ridge (GA).....	—	—	—	3,913	—	—	—	—	—	—	—
Boone (TN).....	—	—	—	18,635	—	—	—	—	—	—	—
Browns Ferry (AL).....	—	—	—	—	1,481,286	—	—	—	—	—	—
Bull Run (TN).....	634,459	33	—	—	—	—	224	*	—	121	4
Chatuge (NC).....	—	—	—	3,916	—	—	—	—	—	—	—
Cherokee (TN).....	—	—	—	44,038	—	—	—	—	—	—	—
Chickamauga (TN).....	—	—	—	86,040	—	—	—	—	—	—	—
Colbert (AL).....	623,751	2,637	—	—	—	—	259	5	—	309	100
Cumberland (TN).....	1,749,130	1,153	—	—	—	—	729	2	—	427	9
Douglas (TN).....	—	—	—	33,841	—	—	—	—	—	—	—
Fontana (NC).....	—	—	—	137,516	—	—	—	—	—	—	—
Fort Loudoun (TN).....	—	—	—	109,416	—	—	—	—	—	—	—
Fort Patrick Henry (TN).....	—	—	—	14,917	—	—	—	—	—	—	—
Gallatin (TN).....	542,473	580	—	—	—	—	212	1	—	115	96
Great Falls (TN).....	—	—	—	27,223	—	—	—	—	—	—	—
Guntersville (AL).....	—	—	—	79,215	—	—	—	—	—	—	—
Hiwassee (NC).....	—	—	—	26,403	—	—	—	—	—	—	—
Johnsonville (TN).....	558,612	11,487	—	—	—	—	263	22	—	215	268
Kentucky (KY).....	—	—	—	115,472	—	—	—	—	—	—	—
Kingston (TN).....	817,994	1,238	—	—	—	—	326	2	—	78	1
Melton Hill (TN).....	—	—	—	26,139	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
Plant (State)	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Tennessee Valley Auth											
Nickajack (TN).....	—	—	—	64,124	—	—	—	—	—	—	—
Norris (TN).....	—	—	—	71,462	—	—	—	—	—	—	—
Nottely (GA).....	—	—	—	4,293	—	—	—	—	—	—	—
Ocoee 1 (TN).....	—	—	—	9,742	—	—	—	—	—	—	—
Ocoee 2 (TN).....	—	—	—	14,164	—	—	—	—	—	—	—
Ocoee 3 (TN).....	—	—	—	21,298	—	—	—	—	—	—	—
Paradise (KY).....	1,436,723	309	—	—	—	—	600	*	—	512	1
Pickwick (TN).....	—	—	—	164,451	—	—	—	—	—	—	—
Raccoon Mountain (TN).....	—	—	—	-43,052	—	—	—	—	—	—	—
Sequoyah (TN).....	—	—	—	—	1,699,466	—	—	—	—	—	—
Sevier, John (TN).....	464,567	169	—	—	—	—	177	*	—	121	1
Shawnee (KY).....	687,772	1,154	—	—	—	—	314	2	—	389	6
South Holston (TN).....	—	—	—	14,109	—	—	—	—	—	—	—
Tims Ford (TN).....	—	—	—	10,065	—	—	—	—	—	—	—
Watauga (TN).....	—	—	—	16,976	—	—	—	—	—	—	—
Watts Bar (TN).....	-200	—	—	—	652,904	—	—	—	—	—	—
Watts Bar (TN).....	—	—	—	131,737	—	—	—	—	—	—	—
Wheeler (AL).....	—	—	—	227,081	—	—	—	—	—	—	—
Widows Creek (AL).....	613,741	2,073	—	—	—	—	285	4	—	450	1
Wilbur (TN).....	—	—	—	3,228	—	—	—	—	—	—	—
Wilson (AL).....	—	—	—	429,950	—	—	—	—	—	—	—
Texas Mun Power Agency											
Gibbons Creek (TX).....	287,234	—	160	—	—	—	175	—	2	79	7
	287,234	—	160	—	—	—	175	—	2	79	7
Texas Utilities Elec Co											
Big Brown (TX).....	3,675,855	60,596	2,161,578	—	1,516,078	—	2,882	117	22,752	1,958	2,095
Collin (TX).....	588,567	—	3,355	—	—	—	478	—	35	195	—
Comanche Peak (TX).....	—	3,323	13,831	—	—	—	—	6	156	—	53
Dallas (TX).....	—	—	-427	—	1,516,078	—	—	—	—	—	4
De Cordova (TX).....	—	7,329	343,631	—	—	—	—	12	3,327	—	202
Eagle Mountain (TX).....	—	—	39,806	—	—	—	—	—	568	—	70
Graham (TX).....	—	—	136,088	—	—	—	—	—	1,422	—	87
Handley (TX).....	—	9,519	149,965	—	—	—	—	21	1,872	—	209
Lake Creek (TX).....	—	2,772	52,707	—	—	—	—	5	496	—	53
Lake Hubbard (TX).....	—	8,420	83,245	—	—	—	—	17	1,001	—	188
Martin Lake (TX).....	1,499,020	827	—	—	—	—	1,216	2	—	502	21
Monticello (TX).....	1,184,850	1,719	—	—	—	—	863	3	—	352	17
Morgan Creek (TX).....	—	—	240,713	—	—	—	—	—	2,355	—	239
Mountain Creek (TX).....	—	—	119,532	—	—	—	—	—	1,282	—	146
North Lake (TX).....	—	7,021	74,498	—	—	—	—	14	878	—	125
North Main (TX).....	—	—	-103	—	—	—	—	—	—	—	—
Parkdale (TX).....	—	—	21,314	—	—	—	—	—	289	—	50
Permian Basin (TX).....	—	441	237,637	—	—	—	—	1	2,260	—	218
River Crest (TX).....	—	—	-68	—	—	—	—	—	—	—	3
Sandow (TX).....	403,418	31	—	—	—	—	326	*	—	909	—
Stryker Creek (TX).....	—	8	111,385	—	—	—	—	*	1,135	—	84
Tradinghouse Creek (TX).....	—	8,065	359,651	—	—	—	—	15	3,714	—	154
Trinidad (TX).....	—	—	39,272	—	—	—	—	—	447	—	31
Valley (TX).....	—	11,121	135,546	—	—	—	—	22	1,515	—	140
Texas-New Mexico Power Co											
Lordsburg (NM).....	271,678	—	2,260	—	—	—	175	—	37	33	—
TNP One (TX).....	271,678	—	2,260	—	—	—	175	—	37	33	—
Toledo Edison Co (The)											
Acme (OH).....	240,237	486	—	—	658,121	—	93	1	1	110	4
Bay Shore (OH).....	240,237	486	—	—	—	—	93	1	—	110	1
Davis-Besse (OH).....	—	—	—	—	658,121	—	—	—	—	—	—
Richland (OH).....	—	—	—	—	—	—	—	—	1	—	2
Stryker (OH).....	—	—	—	—	—	—	—	—	—	—	1
Traverse (City of)											
Bayside (MI).....	—	—	—	1,309	—	—	—	—	—	14	—
Boardman (MI).....	—	—	—	630	—	—	—	—	—	14	—
Brown Bridge (MI).....	—	—	—	208	—	—	—	—	—	—	—
Elk Rapids (MI).....	—	—	—	184	—	—	—	—	—	—	—
Sabin (MI).....	—	—	—	287	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Tri-state G & T Assn Inc.....	813,113	843	527	—	—	—	421	2	5	1,320	17
Burlington (CO).....	—	416	—	—	—	—	—	1	—	—	13
Craig (CO).....	747,781	—	527	—	—	—	386	—	5	1,299	3
Nucla (CO).....	65,332	427	—	—	—	—	35	1	—	21	1
Tucson Electric Power Co.....	562,920	—	-518	—	—	—	313	—	2	199	134
De Moss Petrie (AZ).....	—	—	96	—	—	—	—	—	2	—	4
Irrington (AZ).....	45,162	—	-563	—	—	—	23	—	—	18	5
North Loop (AZ).....	—	—	-51	—	—	—	—	—	—	—	7
Springerville (AZ).....	517,758	—	—	—	—	—	289	—	—	180	119
Turlock Irrigation Dist.....	—	—	1,750	87,737	—	—	—	—	22	—	3
Almond (CA).....	—	—	1,254	—	—	—	—	—	13	—	—
Hickman (CA).....	—	—	—	-3	—	—	—	—	—	—	—
Lagrange (CA).....	—	—	—	914	—	—	—	—	—	—	—
New Don Pedro (CA).....	—	—	—	86,342	—	—	—	—	—	—	—
Turlock Lake (CA).....	—	—	—	37	—	—	—	—	—	—	—
Uppr Dawson (CA).....	—	—	—	447	—	—	—	—	—	—	—
Walnut (CA).....	—	—	496	—	—	—	—	—	9	—	3
Union Electric Co.....	2,312,267	7,887	3,934	106,592	875,300	2,023	1,312	26	43	2,330	89
Callaway (MO).....	—	—	—	—	875,300	—	—	—	—	—	—
Canton (MO).....	—	—	—	—	—	—	—	—	—	—	—
Howard Bend (MO).....	—	-16	—	—	—	—	—	*	—	—	2
Jefferson City (MO).....	—	-26	—	—	—	—	—	*	—	—	6
Keokuk (IA).....	—	—	—	83,501	—	—	—	—	—	—	—
Kirksville (MO).....	—	—	-37	—	—	—	—	—	—	—	—
Labadie (MO).....	1,207,091	282	—	—	—	—	689	*	—	869	20
Meramec (MO).....	195,603	1,160	3,834	—	—	—	96	3	39	137	6
Mexico (MO).....	—	-16	—	—	—	—	—	*	—	—	6
Moberly (MO).....	—	-17	—	—	—	—	—	*	—	—	6
Moreau (MO).....	—	40	—	—	—	—	—	*	—	—	6
Osage (MO).....	—	—	—	31,306	—	—	—	—	—	—	—
Portable (MO).....	—	—	—	—	—	—	—	—	—	—	—
Rush Island (MO).....	416,614	1,842	—	—	—	—	254	3	—	718	4
Sioux (MO).....	492,959	766	—	—	—	2,023	273	1	—	606	1
Taum Sauk (MO).....	—	—	—	-8,215	—	—	—	—	—	—	—
Venice No. 2 (IL).....	—	3,872	173	—	—	—	—	16	4	—	33
Viaduct (MO).....	—	—	-36	—	—	—	—	—	—	—	—
United Gas Imp Co (The).....	29,682	31	—	—	—	—	20	*	—	35	*
Hunlock Creek (PA).....	29,682	31	—	—	—	—	20	*	—	35	*
United Illuminating Co.....	259,634	311,194	—	—	—	—	101	475	—	133	459
Bridgeport Harbor (CT).....	259,634	59,302	—	—	—	—	101	93	—	133	131
English (CT).....	—	—	—	—	—	—	—	—	—	—	—
New Haven Harbor (CT).....	—	251,892	—	—	—	—	—	382	—	—	329
United Power Assn.....	109,183	483	176	—	—	10,302	90	1	3	65	6
Cambridge (MN).....	—	71	—	—	—	—	—	*	—	—	1
Elk River (MN).....	—	133	176	—	—	10,302	—	*	3	—	1
Maple Lake (MN).....	—	89	—	—	—	—	—	*	—	—	1
Rock Lake (MN).....	—	52	—	—	—	—	—	*	—	—	2
Stanton (ND).....	109,183	138	—	—	—	—	90	*	—	65	1
Utilicorp United Inc.....	270,414	414	32	—	—	—	135	1	2	180	36
Green, Ralph (MO).....	—	—	—	—	—	—	—	—	—	—	—
Greenwood (MO).....	—	267	94	—	—	—	—	1	2	—	31
Kci (MO).....	—	—	-62	—	—	—	—	—	—	—	—
Nevada (MO).....	—	-21	—	—	—	—	—	—	—	—	4
Sibley (MO).....	270,414	168	—	—	—	—	135	*	—	180	1
USBR-Great Plains Region.....	—	—	—	224,279	—	—	—	—	—	—	—
Alcova (WY).....	—	—	—	5,639	—	—	—	—	—	—	—
Big Thompson (CO).....	—	—	—	-20	—	—	—	—	—	—	—
Boysen (WY).....	—	—	—	5,420	—	—	—	—	—	—	—
Buffalo Bill (WY).....	—	—	—	4,327	—	—	—	—	—	—	—
Canyon Ferry (MT).....	—	—	—	40,685	—	—	—	—	—	—	—
Estes (CO).....	—	—	—	9,490	—	—	—	—	—	—	—
Flatiron (CO).....	—	—	—	14,521	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
USBR-Great Plains Region											
Fremont Canyon (WY).....	—	—	—	13,826	—	—	—	—	—	—	—
Glendo (WY).....	—	—	—	-126	—	—	—	—	—	—	—
Green Mountain (CO).....	—	—	—	4,477	—	—	—	—	—	—	—
Guernsey (WY).....	—	—	—	-49	—	—	—	—	—	—	—
Heart Mountain (WY).....	—	—	—	-37	—	—	—	—	—	—	—
Kortes (WY).....	—	—	—	12,093	—	—	—	—	—	—	—
Marys Lake (CO).....	—	—	—	3,772	—	—	—	—	—	—	—
Mount Elbert (CO).....	—	—	—	770	—	—	—	—	—	—	—
Pilot Butte (WY).....	—	—	—	-8	—	—	—	—	—	—	—
Pole Hill (CO).....	—	—	—	15,414	—	—	—	—	—	—	—
Seminole (WY).....	—	—	—	12,026	—	—	—	—	—	—	—
Shoshone (WY).....	—	—	—	1,800	—	—	—	—	—	—	—
Spirit Mountain (WY).....	—	—	—	-73	—	—	—	—	—	—	—
Yellowtail (MT).....	—	—	—	80,332	—	—	—	—	—	—	—
USBR-Lower Colorado											
Region.....	—	—	—	546,732	—	—	—	—	—	—	—
Davis (AZ).....	—	—	—	95,528	—	—	—	—	—	—	—
Hoover (AZ).....	—	—	—	289,198	—	—	—	—	—	—	—
Hoover (NV).....	—	—	—	130,545	—	—	—	—	—	—	—
Parker (CA).....	—	—	—	31,461	—	—	—	—	—	—	—
USBR-Mid Pacific Region											
Folsom (CA).....	—	—	—	858,168	—	—	—	—	—	—	—
Judge F Carr (CA).....	—	—	—	105,441	—	—	—	—	—	—	—
Keswick (CA).....	—	—	—	7,764	—	—	—	—	—	—	—
Lewiston (CA).....	—	—	—	44,275	—	—	—	—	—	—	—
New Melones (CA).....	—	—	—	247	—	—	—	—	—	—	—
Nimbus (CA).....	—	—	—	184,986	—	—	—	—	—	—	—
O'Neill (CA).....	—	—	—	2,481	—	—	—	—	—	—	—
Shasta (CA).....	—	—	—	—	—	—	—	—	—	—	—
Spring Creek (CA).....	—	—	—	357,578	—	—	—	—	—	—	—
Stampede (CA).....	—	—	—	64,904	—	—	—	—	—	—	—
Trinity (CA).....	—	—	—	112	—	—	—	—	—	—	—
USBR-Pacific NW Region											
Anderson Ranch (ID).....	—	—	—	2,214,414	—	—	—	—	—	—	—
Black Canyon (ID).....	—	—	—	3,634	—	—	—	—	—	—	—
Boise River Div (ID).....	—	—	—	6,683	—	—	—	—	—	—	—
Chandler (WA).....	—	—	—	—	—	—	—	—	—	—	—
Grand Coulee (WA).....	—	—	—	3,181	—	—	—	—	—	—	—
Green Springs (OR).....	—	—	—	1,998,988	—	—	—	—	—	—	—
Hungry Horse (MT).....	—	—	—	7,787	—	—	—	—	—	—	—
Minidoka (ID).....	—	—	—	160,542	—	—	—	—	—	—	—
Palisades (ID).....	—	—	—	3,996	—	—	—	—	—	—	—
Roza (WA).....	—	—	—	29,643	—	—	—	—	—	—	—
USBR-Upper Colorado Region											
Blue Mesa (CO).....	—	—	—	646,436	—	—	—	—	—	—	—
Crystal (CO).....	—	—	—	26,299	—	—	—	—	—	—	—
Deer Creek (UT).....	—	—	—	17,917	—	—	—	—	—	—	—
Elephant Butte (NM).....	—	—	—	3,804	—	—	—	—	—	—	—
Flaming Gorge (UT).....	—	—	—	942	—	—	—	—	—	—	—
Fontenelle (WY).....	—	—	—	42,854	—	—	—	—	—	—	—
Glen Canyon (AZ).....	—	—	—	4,247	—	—	—	—	—	—	—
Lower Molina (CO).....	—	—	—	516,956	—	—	—	—	—	—	—
McPhee (CO).....	—	—	—	766	—	—	—	—	—	—	—
Morrow Point (CO).....	—	—	—	—	—	—	—	—	—	—	—
Towaoc (CO).....	—	—	—	31,413	—	—	—	—	—	—	—
Upper Molina (CO).....	—	—	—	—	—	—	—	—	—	—	—
USCE-Blakely Mtn.											
Blakely Mountain (AR).....	—	—	—	25,011	—	—	—	—	—	—	—
Degray (AR).....	—	—	—	12,910	—	—	—	—	—	—	—
Narrows (AR).....	—	—	—	9,433	—	—	—	—	—	—	—
USCE-Fort Worth District											
R D Willis (TX).....	—	—	—	2,668	—	—	—	—	—	—	—
Rayburn, Sam (TX).....	—	—	—	9,200	—	—	—	—	—	—	—
Whitney (TX).....	—	—	—	3,547	—	—	—	—	—	—	—
	—	—	—	360	—	—	—	—	—	—	—
	—	—	—	5,293	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
USCE-Hartwell Power Plant	—	—	—	35,938	—	—	—	—	—	—	—
Hartwell (GA)	—	—	—	35,938	—	—	—	—	—	—	—
USCE-J Strom Thur Pwr Plt	—	—	—	68,908	—	—	—	—	—	—	—
J Strom Thurmond (SC)	—	—	—	68,908	—	—	—	—	—	—	—
USCE-Kansas City Dist	—	—	—	16,915	—	—	—	—	—	—	—
Harry S Truman (MO)	—	—	—	10,624	—	—	—	—	—	—	—
Stockton (MO)	—	—	—	6,291	—	—	—	—	—	—	—
USCE-Little Rock	—	—	—	336,906	—	—	—	—	—	—	—
Beaver (AR)	—	—	—	33,420	—	—	—	—	—	—	—
Bull Shoals (AR)	—	—	—	104,466	—	—	—	—	—	—	—
Dardanelle (AR)	—	—	—	42,849	—	—	—	—	—	—	—
Greers Ferry (AR)	—	—	—	44,265	—	—	—	—	—	—	—
Norfolk (AR)	—	—	—	13,188	—	—	—	—	—	—	—
Ozark (AR)	—	—	—	25,020	—	—	—	—	—	—	—
Table Rock (MO)	—	—	—	73,698	—	—	—	—	—	—	—
USCE-Mobile District	—	—	—	204,035	—	—	—	—	—	—	—
Allatoona (GA)	—	—	—	12,872	—	—	—	—	—	—	—
Buford (GA)	—	—	—	7,804	—	—	—	—	—	—	—
Carters (GA)	—	—	—	28,045	—	—	—	—	—	—	—
J Woodruff (FL)	—	—	—	14,731	—	—	—	—	—	—	—
Jones Bluff (AL)	—	—	—	38,511	—	—	—	—	—	—	—
Millers Ferry (AL)	—	—	—	29,432	—	—	—	—	—	—	—
Walter F George (GA)	—	—	—	53,057	—	—	—	—	—	—	—
West Point (GA)	—	—	—	19,583	—	—	—	—	—	—	—
USCE-Nashville	—	—	—	471,577	—	—	—	—	—	—	—
Barkley (KY)	—	—	—	91,947	—	—	—	—	—	—	—
Center Hill (TN)	—	—	—	66,200	—	—	—	—	—	—	—
Cheatham (TN)	—	—	—	21,126	—	—	—	—	—	—	—
Cordell Hull (TN)	—	—	—	49,617	—	—	—	—	—	—	—
Dale Hollow (TN)	—	—	—	19,683	—	—	—	—	—	—	—
J Percy Priest (TN)	—	—	—	12,751	—	—	—	—	—	—	—
Laurel (KY)	—	—	—	8,679	—	—	—	—	—	—	—
Old Hickory (TN)	—	—	—	76,451	—	—	—	—	—	—	—
Wolf Creek (KY)	—	—	—	125,123	—	—	—	—	—	—	—
USCE-North Pacific Div	—	—	—	6,547,544	—	—	—	—	—	—	—
Albeni Falls (ID)	—	—	—	20,290	—	—	—	—	—	—	—
Big Cliff (OR)	—	—	—	13,731	—	—	—	—	—	—	—
Bonneville (OR)	—	—	—	559,879	—	—	—	—	—	—	—
Chief Joseph (WA)	—	—	—	1,272,625	—	—	—	—	—	—	—
Cougar (OR)	—	—	—	15,718	—	—	—	—	—	—	—
Detroit (OR)	—	—	—	65,614	—	—	—	—	—	—	—
Dexter (OR)	—	—	—	11,051	—	—	—	—	—	—	—
Dworshak (ID)	—	—	—	129,260	—	—	—	—	—	—	—
Foster (OR)	—	—	—	13,095	—	—	—	—	—	—	—
Green Peter (OR)	—	—	—	48,520	—	—	—	—	—	—	—
Hills Creek (OR)	—	—	—	16,898	—	—	—	—	—	—	—
Ice Harbor (WA)	—	—	—	361,846	—	—	—	—	—	—	—
John Day (OR)	—	—	—	1,307,720	—	—	—	—	—	—	—
Libby (MT)	—	—	—	284,998	—	—	—	—	—	—	—
Little Goose (WA)	—	—	—	375,888	—	—	—	—	—	—	—
Lookout Point (OR)	—	—	—	37,862	—	—	—	—	—	—	—
Lost Creek (OR)	—	—	—	36,017	—	—	—	—	—	—	—
Lower Granite (WA)	—	—	—	347,194	—	—	—	—	—	—	—
Lower Monumental (WA)	—	—	—	313,682	—	—	—	—	—	—	—
McNary (OR)	—	—	—	547,895	—	—	—	—	—	—	—
The Dalles (WA)	—	—	—	767,761	—	—	—	—	—	—	—
USCE-Omaha District	—	—	—	851,280	—	—	—	—	—	—	—
Big Bend (SD)	—	—	—	87,666	—	—	—	—	—	—	—
Fort Peck (MT)	—	—	—	126,558	—	—	—	—	—	—	—
Fort Randall (SD)	—	—	—	134,456	—	—	—	—	—	—	—
Garrison (ND)	—	—	—	215,685	—	—	—	—	—	—	—
Gavins Point (NE)	—	—	—	55,690	—	—	—	—	—	—	—
Oahe (SD)	—	—	—	231,225	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
USCE-R B Russell.....	—	—	—	31,361	—	—	—	—	—	—	—
R B Russell (GA).....	—	—	—	31,361	—	—	—	—	—	—	—
USCE-St Louis Dist.....	—	—	—	1,000	—	—	—	—	—	—	—
Clarence Canyon (MO).....	—	—	—	1,000	—	—	—	—	—	—	—
USCE-Tulsa District.....	—	—	—	124,094	—	—	—	—	—	—	—
Broken Bow (OK).....	—	—	—	9,174	—	—	—	—	—	—	—
Denison (TX).....	—	—	—	19,947	—	—	—	—	—	—	—
Eufaula (OK).....	—	—	—	13,507	—	—	—	—	—	—	—
Fort Gibson (OK).....	—	—	—	10,200	—	—	—	—	—	—	—
Keystone (OK).....	—	—	—	20,573	—	—	—	—	—	—	—
Robert S Kerr (OK).....	—	—	—	31,361	—	—	—	—	—	—	—
Tenkiller Ferry (OK).....	—	—	—	6,231	—	—	—	—	—	—	—
Webbers Falls (OK).....	—	—	—	13,101	—	—	—	—	—	—	—
USCE-Wilmington.....	—	—	—	65,149	—	—	—	—	—	—	—
John H Kerr (VA).....	—	—	—	61,990	—	—	—	—	—	—	—
Philpott (VA).....	—	—	—	3,159	—	—	—	—	—	—	—
Vero Beach (City of).....	—	902	3,880	—	—	—	—	2	42	—	56
Municipal Plant (FL).....	—	902	3,880	—	—	—	—	2	42	—	56
Vineland (City of).....	1,615	3,104	—	—	—	—	1	9	—	12	33
Down, Howard (NJ).....	1,615	2,882	—	—	—	—	1	8	—	12	23
West (NJ).....	—	222	—	—	—	—	—	*	—	—	10
Virginia (City of).....	6,007	—	2,774	—	—	—	3	—	24	*	—
Virginia (MN).....	6,007	—	2,774	—	—	—	3	—	24	*	—
Virginia Elec & Power Co.....	2,944,598	183,100	18,917	46,024	2,416,109	—	1,152	291	178	1,300	1,329
Bath County (VA).....	—	—	—	53,789	—	—	—	—	—	—	—
Bremo Bluff (VA).....	57,616	944	—	—	—	—	25	2	—	93	3
Chesapeake (VA).....	374,863	374	—	—	—	—	141	1	—	58	18
Chesterfield (VA).....	707,425	3,906	11,330	—	—	—	284	7	111	157	80
Clover (VA).....	410,735	2,043	—	—	—	—	157	3	—	183	4
Cushaw (VA).....	—	—	—	1,696	—	—	—	—	—	—	—
Darbytown (VA).....	—	733	1,575	—	—	—	—	2	18	—	53
Gaston (NC).....	—	—	—	48,567	—	—	—	—	—	—	—
Gravel Neck (VA).....	—	1,917	—	—	—	—	—	4	—	—	54
Kitty Hawk (NC).....	—	—	—	—	—	—	—	—	—	—	10
Low Moor (VA).....	—	—	—	—	—	—	—	*	—	—	8
Mt Storm (WV).....	1,062,766	4,801	—	—	—	—	413	8	—	656	8
North Anna (VA).....	—	—	—	522	1,344,100	—	—	—	—	—	—
North Branch (WV).....	—	—	—	—	—	—	—	—	—	—	—
Northern Neck (VA).....	—	—	—	—	—	—	—	*	—	—	10
Possum Point (VA).....	160,965	54,060	—	—	—	—	64	86	—	79	280
Roanoke Rapids (NC).....	—	—	—	49,028	—	—	—	—	—	—	—
Surry (VA).....	—	—	—	—	1,072,009	—	—	—	—	—	—
Yktn Term A (VA).....	—	—	—	—	—	—	—	—	—	—	555
Yorktown (VA).....	170,228	114,322	6,012	—	—	—	68	179	49	74	196
1st Energy (VA).....	—	—	—	—	—	—	—	—	—	—	50
Vt Yankee Nuclear Pr Corp.....	—	—	—	—	392,334	—	—	—	—	—	—
Vt. Yankee (VT).....	—	—	—	—	392,334	—	—	—	—	—	—
Wash Pub Pwr Supply Systm.....	—	—	—	13,372	681,922	—	—	—	—	—	—
Packwood (WA).....	—	—	—	13,372	—	—	—	—	—	—	—
WNP-2 (WA).....	—	—	—	—	681,922	—	—	—	—	—	—
Washington Wtr Pwr Co(The.....	—	—	1,504	375,876	—	31,316	—	—	6	—	—
Cabinet Gorge (ID).....	—	—	—	100,312	—	—	—	—	—	—	—
Kettle Fls (WA).....	—	—	2	—	—	31,316	—	—	*	—	—
Little Falls (WA).....	—	—	—	23,916	—	—	—	—	—	—	—
Long Lake (WA).....	—	—	—	59,623	—	—	—	—	—	—	—
Meyers Falls (WA).....	—	—	—	298	—	—	—	—	—	—	—
Monroe Street (WA).....	—	—	—	10,943	—	—	—	—	—	—	—
Nine Mile (WA).....	—	—	—	12,403	—	—	—	—	—	—	—
Northeast (WA).....	—	—	—	—	—	—	—	—	—	—	—
Noxon Rapids (MT).....	—	—	—	151,122	—	—	—	—	—	—	—

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Washington Wtr Pwr Co(The											
Post Falls (ID).....	—	—	—	10,338	—	—	—	—	—	—	—
Rathdrum (WA).....	—	—	1,502	—	—	—	—	—	6	—	—
Upper Falls (WA).....	—	—	—	6,921	—	—	—	—	—	—	—
Waverly (City of).....	—	—	—	150	—	15	—	—	—	—	*
East Hydro (IA).....	—	—	—	150	—	—	—	—	—	—	—
East Plant (IA).....	—	—	—	—	—	—	—	—	—	—	—
North Plant (IA).....	—	—	—	—	—	—	—	—	—	—	*
Skeets 1 (IA).....	—	—	—	—	—	15	—	—	—	—	—
West Penn Power Co.....	1,198,477	814	337	10,982	—	—	457	1	4	550	5
Armstrong (PA).....	186,375	528	—	—	—	—	71	1	—	67	*
Hatfields Ferry (PA).....	899,130	286	—	—	—	—	338	*	—	399	4
Lake Lynn (WV).....	—	—	—	10,982	—	—	—	—	—	—	—
Mitchell (PA).....	112,972	—	337	—	—	—	48	—	4	84	*
Springdale (PA).....	—	—	—	—	—	—	—	—	—	—	—
West Texas Utilities Co.....	428,561	590	223,258	—	—	—	266	1	2,339	527	254
Abilene (TX).....	—	—	—	—	—	—	—	—	—	—	4
Fort Phantom (TX).....	—	—	96,814	—	—	—	—	—	978	—	99
Ft Stockton (TX).....	—	—	—	—	—	—	—	—	—	—	—
Lake Pauline (TX).....	—	—	288	—	—	—	—	—	8	—	18
Oak Creek (TX).....	—	168	20,313	—	—	—	—	*	211	—	28
Oklaunion (TX).....	428,561	422	—	—	—	—	266	1	—	527	3
Paint Creek (TX).....	—	—	12,174	—	—	—	—	—	153	—	80
Presidio (TX).....	—	—	—	—	—	—	—	—	—	—	1
Rio Pecos (TX).....	—	—	32,651	—	—	—	—	—	376	—	1
San Angelo (TX).....	—	—	61,018	—	—	—	—	—	612	—	19
Vernon (TX).....	—	—	—	—	—	—	—	—	—	—	1
Western Farmers Elec Coop.....	262,856	406	131,549	—	—	—	170	1	1,236	381	40
Anadarko (OK).....	—	361	122,549	—	—	—	—	1	1,140	—	39
Hugo (OK).....	262,856	45	—	—	—	—	170	*	—	381	1
Mooreland (OK).....	—	—	9,000	—	—	—	—	—	96	—	—
Western Mass Elec Co.....	—	7,688	1,663	13,706	—	—	—	24	31	—	123
Cabot (MA).....	—	—	—	32,983	—	—	—	—	—	—	—
Cobble Mountain (MA).....	—	—	—	4,499	—	—	—	—	—	—	—
Doreen (MA).....	—	78	—	—	—	—	—	*	—	—	1
Dwight (MA).....	—	—	—	476	—	—	—	—	—	—	—
Gardners Falls (MA).....	—	—	—	1,372	—	—	—	—	—	—	—
Indian Orchard (MA).....	—	—	—	1,824	—	—	—	—	—	—	—
Northfield Mountain (MA).....	—	—	—	-34,787	—	—	—	—	—	—	—
Putts Bridge (MA).....	—	—	—	2,787	—	—	—	—	—	—	—
Red Bridge (MA).....	—	—	—	3,077	—	—	—	—	—	—	—
Turners Falls (MA).....	—	—	—	1,475	—	—	—	—	—	—	—
West Springfield (MA).....	—	7,490	1,663	—	—	—	—	23	31	—	121
Woodland Road (MA).....	—	120	—	—	—	—	—	*	—	—	1
WestPlains Energy.....	22,333	782	26,888	—	—	—	13	2	419	9	27
Cimarron River (KS).....	—	—	-747	—	—	—	—	—	27	—	—
Clark, W N (CO).....	22,333	—	—	—	—	—	13	—	—	9	—
Clifton (KS).....	—	—	-48	—	—	—	—	—	1	—	—
Judson Large (KS).....	—	—	23,054	—	—	—	—	—	300	—	2
Mullergren, Arthur (KS).....	—	—	-219	—	—	—	—	*	1	—	20
Pueblo (CO).....	—	57	4,848	—	—	—	—	*	91	—	5
Rocky Ford (CO).....	—	725	—	—	—	—	—	1	—	—	*
Willmar (City of).....	3,019	—	—	—	—	—	4	—	—	2	—
Willmar (MN).....	3,019	—	—	—	—	—	4	—	—	2	—
Winfield (City of).....	—	—	—	—	—	—	—	—	—	—	—
Winfield (KS).....	—	—	—	—	—	—	—	—	—	—	—
Winfield (KS).....	—	—	—	—	—	—	—	—	—	—	—
Winnetka (Village of).....	—	7	4	—	—	—	—	*	*	—	2
Winnetka (IL).....	—	7	4	—	—	—	—	*	*	—	2
Wisconsin Electric Pwr Co.....	1,751,973	4,566	22,947	41,694	331,402	—	979	11	445	2,531	79

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Wisconsin Electric Pwr Co											
Appleton (WI).....	—	—	—	1,311	—	—	—	—	—	—	—
Big Quinnesec 61 (MI).....	—	—	—	-2	—	—	—	—	—	—	—
Big Quinnesec 92 (MI).....	—	—	—	10,807	—	—	—	—	—	—	—
Brule (MI).....	—	—	—	954	—	—	—	—	—	—	—
Chalk Hill (MI).....	—	—	—	3,269	—	—	—	—	—	—	—
Concord (WI).....	—	87	8,897	—	—	—	—	*	127	—	12
Germantown (WI).....	—	2,858	—	—	—	—	—	6	—	—	12
Hemlock Falls (MI).....	—	—	—	1,562	—	—	—	—	—	—	—
Kingsford (MI).....	—	—	—	2,881	—	—	—	—	—	—	—
Lower Paint (MI).....	—	—	—	55	—	—	—	—	—	—	—
Michigamme Falls (MI).....	—	—	—	4,192	—	—	—	—	—	—	—
Oconto Falls (WI).....	—	—	—	527	—	—	—	—	—	—	—
Oil Storage (WI).....	—	—	—	—	—	—	—	—	—	—	18
Paris (WI).....	—	1,106	18,666	—	—	—	—	3	268	—	15
Peavy Falls (MI).....	—	—	—	7,114	—	—	—	—	—	—	—
Pine (WI).....	—	—	—	1,154	—	—	—	—	—	—	—
Pleasant Prairie (WI).....	836,956	—	174	—	—	—	515	*	2	718	4
Point Beach (WI).....	—	31	—	—	331,402	—	—	*	—	—	4
Port Washington (WI).....	68,301	-54	—	—	—	—	38	—	—	199	3
Presque Isle (MI).....	291,410	538	—	—	—	—	171	1	—	856	8
South Oak Creek (WI).....	448,541	—	-4,952	—	—	—	185	—	46	548	3
Sturgeon (MI).....	—	—	—	338	—	—	—	—	—	—	—
Twin Falls (MI).....	—	—	—	3,423	—	—	—	—	—	—	—
Valley (WI).....	106,765	—	162	—	—	—	69	—	3	211	—
Way (MI).....	—	—	—	752	—	—	—	—	—	—	—
Weyauwega (WI).....	—	—	—	5	—	—	—	—	—	—	—
White Rapids (MI).....	—	—	—	3,352	—	—	—	—	—	—	—
Wisconsin Pub Serv Corp	495,317	57	15,436	29,877	—	—	314	*	199	190	39
Alexander (WI).....	—	—	—	2,790	—	—	—	—	—	—	—
Caldron Falls (WI).....	—	—	—	1,214	—	—	—	—	—	—	—
Eagle River (WI).....	—	1	—	—	—	—	—	*	—	—	1
Grand Rapids (MI).....	—	—	—	3,692	—	—	—	—	—	—	—
Grandfather Falls (WI).....	—	—	—	11,383	—	—	—	—	—	—	—
Hat Rapids (WI).....	—	—	—	1,003	—	—	—	—	—	—	—
High Falls (WI).....	—	—	—	1,260	—	—	—	—	—	—	—
Jersey (WI).....	—	—	—	333	—	—	—	—	—	—	—
Johnson Falls (WI).....	—	—	—	748	—	—	—	—	—	—	—
Kewaunee (WI).....	—	—	—	—	—	—	—	—	—	—	—
Merrill (WI).....	—	—	—	828	—	—	—	—	—	—	—
Oneida Casino (WI).....	—	26	—	—	—	—	—	*	—	—	*
Otter Rapids (WI).....	—	—	—	280	—	—	—	—	—	—	—
Peshigo (WI).....	—	—	—	290	—	—	—	—	—	—	—
Potato Rapids (WI).....	—	—	—	393	—	—	—	—	—	—	—
Pulliam (WI).....	202,573	—	2,929	—	—	—	131	—	34	97	*
Sandstone Rapids (WI).....	—	—	—	853	—	—	—	—	—	—	—
Tomahawk (WI).....	—	—	—	1,359	—	—	—	—	—	—	—
Wausau (WI).....	—	—	—	3,451	—	—	—	—	—	—	—
West Marinette (WI).....	—	—	5,515	—	—	—	—	—	76	—	19
Weston (WI).....	292,744	30	6,992	—	—	—	184	*	88	93	19
Wisconsin Pwr & Lgt Co	1,278,274	1,582	19,978	19,714	—	5,230	793	3	276	553	28
Blackhawk (WI).....	—	—	511	344	—	—	—	—	9	—	—
Columbia (WI).....	665,464	400	—	—	—	—	414	1	—	23	2
Dewey, Nelson (WI).....	122,408	12	—	—	—	—	71	*	—	140	*
Edgewater (WI).....	445,702	717	—	—	—	1,613	279	1	—	348	2
Janesville (WI).....	—	—	—	234	—	—	—	—	—	—	—
Kilbourn (WI).....	—	—	—	6,007	—	—	—	—	—	—	—
NA 1 (WI).....	—	395	5,248	—	—	—	—	1	74	—	11
Portable (WI).....	—	—	—	—	—	—	—	—	—	—	—
Prairie Du Sac (WI).....	—	—	—	12,700	—	—	—	—	—	—	—
Rock River (WI).....	44,700	55	12,638	—	—	3,617	29	*	170	43	9
Shawano (WI).....	—	—	—	429	—	—	—	—	—	—	—
Sheepskin (WI).....	—	3	1,581	—	—	—	—	*	22	—	4
Wolf Creek Nuclear Corp	—	—	—	—	885,674	—	—	—	—	—	—
Wolf Creek (KS).....	—	—	—	—	885,674	—	—	—	—	—	—
Wolverine Pwr supply Coop	759	300	29	840	—	—	*	1	2	77	7

See footnotes at end of table.

Table 56. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, January 1997 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Wolverine Pwr supply Coop											
Advance (MI).....	759	218	—	—	—	—	*	*	—	77	1
Beaver Island (MI).....	—	-7	—	—	—	—	—	—	—	—	2
Johnson, George (MI).....	—	2	68	—	—	—	—	*	2	—	*
Kleber (MI).....	—	—	—	606	—	—	—	—	—	—	—
Scottville (MI).....	—	—	—	—	—	—	—	—	—	—	*
Tower (MI).....	—	-25	—	—	—	—	—	*	—	—	3
Tower Hydro (MI).....	—	—	—	234	—	—	—	—	—	—	—
Vandyke, Claude (MI).....	—	-7	-39	—	—	—	—	*	1	—	*
Vestaburg (MI).....	—	119	—	—	—	—	—	*	—	—	1
Winder, C A (MI).....	—	—	—	—	—	—	—	—	—	—	—
Wyandotte (City of)	19,622	—	—	—	—	—	12	—	—	15	—
Wyandotte (MI)	19,622	—	—	—	—	—	12	—	—	15	—
Yazoo Pub Serv Comm (City)	—	—	—	—	—	—	—	—	—	—	—
Yazoo (MS).....	—	—	—	—	—	—	—	—	—	—	—
Yuba County Water Agency.....	—	—	—	58,092	—	—	—	—	—	—	—
Fish Power (CA).....	—	—	—	612	—	—	—	—	—	—	—
New Colgate (CA).....	—	—	—	19,250	—	—	—	—	—	—	—
New Narrows (CA).....	—	—	—	38,230	—	—	—	—	—	—	—

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

* Less than 0.05.

Notes: •Data for 1997 are preliminary. •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, January 1997

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
		(1,000 tons)	(Cents per 10 ⁶ Btu)			(1,000 bbls)	(Cents per 10 ⁶ Btu)			(1,000 Mcf)	(Cents per 10 ⁶ Btu)			
Alabama Electric Coop Inc.....	118	134.9	32.75	2.26	1	591.3	32.41	0.05	—	—	—	100	*	—
Lowman (AL).....	118	134.9	32.75	2.26	1	591.3	32.41	.05	—	—	—	100	*	—
Alabama Power Co.....	2,028	163.2	37.50	.87	11	514.0	30.15	—	84	423.3	4.37	100	*	*
Barry (AL).....	298	172.3	41.57	.75	—	—	—	—	19	429.1	4.72	100	—	*
Gadsden (AL).....	21	190.8	47.81	1.83	*	572.8	33.80	—	1	341.6	3.51	100	*	*
Gaston (AL).....	292	169.8	41.75	.89	4	500.1	29.39	—	—	—	—	100	*	—
Gorgas 2 and 3 (AL).....	480	161.2	39.41	1.49	1	516.3	30.37	—	—	—	—	100	*	—
Greene (AL).....	104	136.3	33.21	1.59	—	—	—	—	—	—	—	100	—	—
James Miller (AL).....	833	161.2	33.72	.43	6	522.4	30.58	—	64	422.6	4.27	99	*	*
American Municipal Power.....	74	83.5	19.38	4.87	—	—	—	—	5	302.9	3.15	100	—	*
Gorsuch (OH).....	74	83.5	19.38	4.87	—	—	—	—	5	302.9	3.15	100	—	*
Ames City of.....	15	148.3	26.17	.20	*	514.9	29.69	.20	—	—	—	99	1	—
Ames (IA).....	15	148.3	26.17	.20	*	514.9	29.69	.20	—	—	—	99	1	—
Anchorage City of.....	—	—	—	—	—	—	—	—	635	200.0	2.00	—	—	100
George Sullivan (AK).....	—	—	—	—	—	—	—	—	635	200.0	2.00	—	—	100
Appalachian Power Co.....	846	148.4	36.79	.76	22	574.1	33.47	—	—	—	—	99	1	—
Amos (WV).....	409	151.7	37.40	.79	15	579.7	33.81	—	—	—	—	99	1	—
Clinch River (VA).....	161	129.8	32.32	.75	1	516.8	30.51	—	—	—	—	100	*	—
Glen Lyn (VA).....	56	139.9	35.37	.90	5	538.7	31.31	—	—	—	—	98	2	—
Kanawha River (WV).....	88	136.6	33.50	.78	—	—	—	—	—	—	—	100	—	—
Mountaineer (WV).....	131	172.2	43.16	.63	1	727.4	42.22	—	—	—	—	100	*	—
Arizona Electric Pwr Coop Inc.....	86	112.7	22.38	.43	—	—	—	—	26	344.0	3.50	98	—	2
Apache (AZ).....	86	112.7	22.38	.43	—	—	—	—	26	344.0	3.50	98	—	2
Arizona Public Service Co.....	930	125.3	22.49	.65	1	626.6	36.35	.14	356	2 556.5	5.61	98	*	2
Cholla (AZ).....	157	140.0	27.61	.42	1	626.6	36.35	.14	1	564.4	5.76	100	*	*
Four Corners (NM).....	773	121.9	21.45	.70	—	—	—	—	72	424.8	4.29	99	—	1
Phoenix (AZ).....	—	—	—	—	—	—	—	—	17 2	2,502.0	25.52	—	—	100
Yucca (AZ).....	—	—	—	—	—	—	—	—	266	469.0	4.72	—	—	100
Arkansas Power & Light Co.....	902	166.1	28.98	.31	6	481.1	28.24	.30	1,010	403.0	4.18	94	*	6
Couch (AR).....	—	—	—	—	—	—	—	—	297	317.7	3.47	—	—	100
Independence (AR).....	492	151.7	26.59	.20	4	484.8	28.46	.30	—	—	—	100	*	—
Lake Catherine (AR).....	—	—	—	—	—	—	—	—	711	441.6	4.49	—	—	100
Ritchie (AR).....	—	—	—	—	—	—	—	—	2	287.9	2.97	—	—	100
Whitebluff (AR).....	410	183.6	31.84	.43	2	472.4	27.73	.30	—	—	—	100	*	—
Associated Electric Coop Inc.....	800	86.2	15.11	.20	—	—	—	—	—	—	—	100	—	—
Hill (MO).....	348	74.7	12.99	.18	—	—	—	—	—	—	—	100	—	—
Madrid (MO).....	452	94.9	16.74	.21	—	—	—	—	—	—	—	100	—	—
Atlantic City Electric Co.....	68	177.6	44.72	2.34	1	560.5	32.70	.10	8	582.8	6.04	99	*	*
Deepwater (NJ).....	*	196.8	49.31	.81	*	561.6	32.00	.10	8	582.8	6.04	53	5	42
England (NJ).....	67	177.5	44.69	2.34	*	560.0	33.02	.10	—	—	—	100	*	—
Austin City of.....	—	—	—	—	—	—	—	—	770	428.1	4.34	—	—	100
Decker Creek (TX).....	—	—	—	—	—	—	—	—	567	424.5	4.31	—	—	100
Holly (TX).....	—	—	—	—	—	—	—	—	203	438.1	4.43	—	—	100
Baltimore Gas & Electric Co.....	387	142.6	36.50	.87	2	531.9	30.78	.18	44	547.4	5.67	99	*	*
Brandon Shores (MD).....	221	142.1	35.57	.67	2	531.9	30.78	.18	—	—	—	100	*	—
Crane (MD).....	54	142.8	38.27	1.73	—	—	—	—	—	—	—	100	—	—
Gould St (MD).....	—	—	—	—	—	—	—	—	16	538.6	5.57	—	—	100
Riverside (MD).....	—	—	—	—	—	—	—	—	4	538.6	5.57	—	—	100
Wagner (MD).....	112	143.5	37.47	.84	—	—	—	—	24	554.8	5.74	99	—	1
Basin Electric Power Coop.....	1,390	66.1	9.85	.51	7	512.5	29.68	.34	—	—	—	100	*	—
Antelope Valley (ND).....	494	83.2	10.88	.55	1	525.8	30.45	.34	—	—	—	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, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Basin Electric Power Coop														
Laramie River (WY).....	642	50.9	8.53	0.42	4	506.1	29.31	0.34	—	—	—	100	*	—
Leland Olds (ND).....	254	81.1	11.21	.64	1	520.7	30.15	.34	—	—	—	100	*	—
Big Rivers Electric Corp.	417	99.5	22.75	2.86	3	498.4	28.89	—	3	408.7	4.09	100	*	*
Coleman (KY).....	133	109.9	25.31	1.88	—	—	—	—	3	408.7	4.09	100	—	*
R D Green (KY).....	103	84.7	19.05	3.68	—	—	—	—	—	—	—	100	—	—
Reid-Henderson (KY).....	73	103.7	24.41	2.84	3	498.4	28.89	—	—	—	—	99	1	—
Wilson (KY).....	108	97.6	22.01	3.31	—	—	—	—	—	—	—	100	—	—
Black Hills Corp.	45	53.2	8.45	.77	*	546.0	32.76	.04	—	—	—	100	*	—
Neal Simpson II (WY).....	45	53.2	8.45	.77	*	546.0	32.76	.04	—	—	—	100	*	—
Boston Edison Co.	—	—	—	—	313	300.6	19.26	.91	1,471	520.3	5.39	—	57	43
Mystic (MA).....	—	—	—	—	313	300.6	19.26	.91	35	459.6	5.02	—	98	2
New Boston (MA).....	—	—	—	—	—	—	—	—	1,436	521.9	5.40	—	—	100
Braintree City of	—	—	—	—	—	—	—	—	2	532.3	5.48	—	—	100
Potter Station (MA).....	—	—	—	—	—	—	—	—	2	532.3	5.48	—	—	100
Brazos Electric Power Coop Inc.	—	—	—	—	—	—	—	—	1,139	389.1	3.90	—	—	100
Miller (TX).....	—	—	—	—	—	—	—	—	1,105	388.8	3.89	—	—	100
North Texas (TX).....	—	—	—	—	—	—	—	—	34	399.7	4.19	—	—	100
Bryan City of	—	—	—	—	—	—	—	—	378	244.4	2.50	—	—	100
Bryan (TX).....	—	—	—	—	—	—	—	—	32	245.8	2.50	—	—	100
Dansby (TX).....	—	—	—	—	—	—	—	—	345	244.3	2.50	—	—	100
Burlington City of	—	—	—	—	—	—	—	—	*	498.2	5.05	—	—	100
J C McNeil (VT).....	—	—	—	—	—	—	—	—	*	498.2	5.05	—	—	100
Cajun Electric Power Coop Inc.	487	166.8	28.18	.47	6	491.1	28.88	—	—	—	—	100	*	—
Big Cajun No.2 (LA).....	487	166.8	28.18	.47	6	491.1	28.88	—	—	—	—	100	*	—
Cambridge Electric Light Co.	—	—	—	—	12	410.6	25.41	.39	75	561.8	5.62	—	49	51
Kendall Square (MA).....	—	—	—	—	12	410.6	25.41	.39	75	561.8	5.62	—	49	51
Cardinal Operating Co.	284	141.0	34.00	1.52	—	—	—	—	—	—	—	100	—	—
Cardinal (OH).....	284	141.0	34.00	1.52	—	—	—	—	—	—	—	100	—	—
Carolina Power & Light Co.	775	155.3	37.99	.87	21	508.6	29.48	.19	—	—	—	99	1	—
Asheville (NC).....	55	156.3	38.62	1.01	*	555.7	32.21	.20	—	—	—	100	*	—
Cape Fear (NC).....	57	148.4	36.49	1.03	1	441.4	25.58	—	—	—	—	100	*	—
Lee (NC).....	64	152.2	37.35	.84	—	—	—	—	—	—	—	100	—	—
Mayo (NC).....	129	165.2	39.49	.62	4	402.1	23.31	.20	—	—	—	99	1	—
Robinson (SC).....	37	155.0	37.07	1.37	*	579.0	33.56	.20	—	—	—	100	*	—
Roxboro (NC).....	334	152.7	37.83	.81	14	531.6	30.81	.20	—	—	—	99	1	—
Sutton (NC).....	63	156.8	37.71	.99	2	542.5	31.44	.20	—	—	—	99	1	—
Weatherspoon (NC).....	36	157.7	38.05	1.14	—	—	—	—	—	—	—	100	—	—
Cedar Falls City of	—	—	—	—	—	—	—	—	*	595.7	5.96	—	—	100
Streeter (IA).....	—	—	—	—	—	—	—	—	*	595.7	5.96	—	—	100
Central Electric Pwr Coop-MO	14	131.3	28.76	2.82	—	—	—	—	—	—	—	100	—	—
Chamois (MO).....	14	131.3	28.76	2.82	—	—	—	—	—	—	—	100	—	—
Central Hudson Gas & Elec Corp.	71	186.7	48.89	.61	220	287.3	18.32	1.12	26	499.9	5.10	56	43	1
Danskammer (NY).....	71	186.7	48.89	.61	—	—	—	—	14	508.2	5.19	99	—	1
Roseton (NY).....	—	—	—	—	220	287.3	18.32	1.12	12	490.4	5.01	—	99	1
Central Illinois Light Co.	209	143.3	31.40	2.67	1	487.8	28.56	.06	—	—	—	100	*	—
Duck Creek (IL).....	83	156.4	33.78	3.51	*	554.9	32.37	.30	—	—	—	100	*	—
Edwards (IL).....	126	134.9	29.83	2.12	1	482.6	28.26	.04	—	—	—	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, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Central Illinois Pub Serv Co.....	508	144.6	31.19	1.34	3	537.0	31.20	0.24	—	—	—	100	*	—
Coffeen (IL).....	179	165.1	34.17	1.24	1	536.4	31.12	.02	—	—	—	100	*	—
Grand Tower (IL).....	38	101.8	22.61	2.99	1	526.9	30.30	.18	—	—	—	100	*	—
Hutsonville (IL).....	43	110.3	25.16	2.67	—	—	—	—	—	—	—	100	—	—
Meredosia (IL).....	63	143.8	31.41	1.94	1	537.1	31.38	.42	—	—	—	99	1	—
Newton (IL).....	185	143.3	31.39	.59	*	557.2	32.40	.03	—	—	—	100	*	—
Central Iowa Power Coop.....	—	—	—	—	—	—	—	—	1	534.5	5.38	—	—	100
Fair Station (IA).....	—	—	—	—	—	—	—	—	1	534.5	5.38	—	—	100
Central Louisiana Elec Co Inc.....	490	140.6	21.35	.81	—	—	—	—	1,149	428.5	4.46	86	—	14
Coughlin (LA).....	—	—	—	—	—	—	—	—	36	379.6	3.96	—	—	100
Dolet Hills (LA).....	302	133.5	18.49	1.00	—	—	—	—	7	458.2	4.83	100	—	*
Rodemacher (LA).....	188	149.8	25.95	.50	—	—	—	—	148	399.5	4.15	95	—	5
Teche (LA).....	—	—	—	—	—	—	—	—	958	434.6	4.53	—	—	100
Central Maine Power Co.....	—	—	—	—	100	317.0	20.25	.69	—	—	—	—	100	—
Wyman (ME).....	—	—	—	—	100	317.0	20.25	.69	—	—	—	—	100	—
Central Operating Co.....	160	129.7	31.53	1.30	2	622.2	35.82	—	—	—	—	100	*	—
Sporn (WV).....	160	129.7	31.53	1.30	2	622.2	35.82	—	—	—	—	100	*	—
Central Power & Light Co.....	141	132.2	27.28	.40	—	—	—	—	7,733	363.8	3.74	27	—	73
Bates (TX).....	—	—	—	—	—	—	—	—	360	347.1	3.56	—	—	100
Coletto Creek (TX).....	141	132.2	27.28	.40	—	—	—	—	—	—	—	100	—	—
Davis (TX).....	—	—	—	—	—	—	—	—	2,397	362.8	3.71	—	—	100
Hill (TX).....	—	—	—	—	—	—	—	—	1,338	334.0	3.39	—	—	100
Joslin (TX).....	—	—	—	—	—	—	—	—	248	349.2	3.59	—	—	100
La Palma (TX).....	—	—	—	—	—	—	—	—	654	344.0	3.58	—	—	100
Laredo (TX).....	—	—	—	—	—	—	—	—	591	399.9	4.23	—	—	100
Nueces Bay (TX).....	—	—	—	—	—	—	—	—	1,911	384.7	3.94	—	—	100
Victoria (TX).....	—	—	—	—	—	—	—	—	234	375.9	3.89	—	—	100
Chugach Electric Assn Inc.....	—	—	—	—	—	—	—	—	1,385	153.0	1.53	—	—	100
Beluga (AK).....	—	—	—	—	—	—	—	—	1,385	153.0	1.53	—	—	100
Cincinnati Gas & Electric Co.....	957	113.0	27.45	1.99	12	412.9	23.81	.20	—	—	—	100	*	—
Beckjord (OH).....	241	119.3	28.61	1.03	2	377.1	21.99	.23	—	—	—	100	*	—
East Bend (KY).....	164	107.4	27.03	2.27	1	931.1	53.77	.13	—	—	—	100	*	—
Miami Fort (OH).....	280	124.9	30.18	.94	4	382.5	22.01	.13	—	—	—	100	*	—
Zimmer (OH).....	272	98.8	23.87	3.76	6	382.7	22.00	.25	—	—	—	99	1	—
Cleveland Electric Illum Co.....	448	136.9	35.01	2.02	3	516.8	29.91	.22	—	—	—	100	*	—
Ashtabula (OH).....	62	128.1	31.43	3.78	—	—	—	—	—	—	—	100	—	—
Avon Lake (OH).....	164	153.7	39.51	.95	2	514.2	29.86	.22	—	—	—	100	*	—
Eastlake (OH).....	222	126.8	32.68	2.33	1	521.9	30.03	.20	—	—	—	100	*	—
Colorado Springs City of.....	112	147.1	31.49	.39	—	—	—	—	31	358.3	3.56	99	—	1
Drake (CO).....	61	195.5	40.14	.32	—	—	—	—	31	358.3	3.56	98	—	2
Nixon (CO).....	52	94.9	21.30	.47	—	—	—	—	—	—	—	100	—	—
Columbia City of.....	1	213.7	55.57	.88	—	—	—	—	—	—	—	100	—	—
Columbia (MO).....	1	213.7	55.57	.88	—	—	—	—	—	—	—	100	—	—
Columbus & Southern Ohio El Co.....	424	137.7	32.75	2.81	2	501.8	29.44	—	—	—	—	100	*	—
Conesville (OH).....	402	139.8	33.30	2.76	2	497.3	29.16	—	—	—	—	100	*	—
Picway (OH).....	21	96.9	22.44	3.76	*	541.6	31.92	—	—	—	—	100	*	—
Commonwealth Edison Co.....	1,488	245.9	44.60	.41	92	387.1	24.16	.60	1,382	328.5	3.34	93	2	5
Collins (IL).....	—	—	—	—	77	369.0	23.32	.68	1,239	316.2	3.21	—	28	72
Crawford (IL).....	61	229.2	41.03	.30	—	—	—	—	—	—	—	100	—	—
Fisk (IL).....	86	245.3	45.35	.32	—	—	—	—	—	—	—	100	—	—
Fisk Storage (IL).....	—	—	—	—	—	—	—	—	67	390.2	4.00	—	—	100
Joliet (IL).....	271	236.9	42.45	.34	—	—	—	—	—	—	—	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, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu					
	Receipts		Average Cost ³		Avg. Sulfur %	Receipts		Average Cost ³		Avg. Sulfur %	Receipts		Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)	(1,000 bbls)		(Cents per 10 ⁶ Btu)	\$ per bbl	(1,000 Mcf)	(Cents per 10 ⁶ Btu)		\$ per Mcf						
Commonwealth Edison Co																	
Kincaid (IL).....	156	158.2	34.21	1.02	—	—	—	—	—	—	—	—	—	—	100	—	—
Powerton (IL).....	445	309.3	54.51	.34	—	—	—	—	—	—	20	525.0	5.25	—	100	—	*
State Line (IN).....	39	260.5	49.68	.33	—	—	—	—	—	—	—	—	—	—	100	—	—
State Line Storage (IN).....	—	—	—	—	—	—	—	—	—	—	56	456.1	4.65	—	—	—	100
Waukegan (IL).....	287	235.5	40.84	.37	2	496.3	29.01	0.21	—	—	—	—	—	—	100	*	—
Will County (IL).....	143	207.4	36.39	.25	13	486.4	28.39	.14	—	—	—	—	—	—	97	3	—
Connecticut Light & Power Co																	
Devon (CT).....	—	—	—	—	758	328.1	21.02	.61	—	—	44	392.2	3.97	—	—	99	1
Middletown (CT).....	—	—	—	—	84	336.5	21.62	.54	—	—	44	392.2	3.97	—	—	92	8
Montville (CT).....	—	—	—	—	276	331.8	20.71	.35	—	—	—	—	—	—	—	100	—
Norwalk Harbor (CT).....	—	—	—	—	228	326.7	21.52	.74	—	—	—	—	—	—	—	100	—
	—	—	—	—	170	320.1	20.55	.91	—	—	—	—	—	—	—	100	—
Consolidated Edison Co-NY Inc																	
Astoria (NY).....	—	—	—	—	1,503	302.9	18.94	.26	—	—	1,509	488.9	5.04	—	—	86	14
East River (NY).....	—	—	—	—	195	310.9	19.59	.25	—	—	458	488.8	5.04	—	—	72	28
Ravenswood (NY).....	—	—	—	—	109	316.2	19.54	.27	—	—	21	489.5	5.04	—	—	97	3
Storage Facility #3.....	—	—	—	—	—	—	—	—	—	—	287	488.9	5.04	—	—	—	100
Storage Facility #4.....	—	—	—	—	38	299.0	18.70	.24	—	—	—	—	—	—	—	100	—
Storage Facility #7.....	—	—	—	—	466	305.4	19.08	.25	—	—	—	—	—	—	—	100	—
Waterside (NY).....	—	—	—	—	694	297.0	18.58	.28	—	—	—	—	—	—	—	100	—
	—	—	—	—	—	—	—	—	—	—	743	489.0	5.04	—	—	—	100
Consumers Power Co																	
Campbell (MI).....	492	155.2	35.68	.68	53	366.5	22.42	.75	—	—	—	—	—	—	97	3	—
Karn-Weadock (MI).....	316	158.8	36.38	.65	*	500.9	29.03	.50	—	—	—	—	—	—	100	*	—
Weadock (MI).....	63	155.4	38.94	.82	45	343.0	21.18	.80	—	—	—	—	—	—	85	15	—
Whiting (MI).....	48	130.4	24.64	.34	7	510.0	29.56	.50	—	—	—	—	—	—	96	4	—
	64	152.8	37.28	.92	1	502.0	29.10	.50	—	—	—	—	—	—	100	*	—
Coop Power Assn																	
Coal Creek (ND).....	513	81.7	10.27	.74	—	—	—	—	—	—	—	—	—	—	100	—	—
	513	81.7	10.27	.74	—	—	—	—	—	—	—	—	—	—	100	—	—
Dairyland Power Coop																	
Alma-Madgett (WI).....	48	93.3	16.15	.18	—	—	—	—	—	—	—	—	—	—	100	—	—
	48	93.3	16.15	.18	—	—	—	—	—	—	—	—	—	—	100	—	—
Dayton Power & Light Co																	
Hutchings (OH).....	704	132.9	31.26	.80	—	—	—	—	—	—	1	441.9	4.51	—	100	—	*
Killen (OH).....	7	140.8	34.59	.80	—	—	—	—	—	—	1	441.9	4.51	—	99	—	1
Stuart (OH).....	160	125.7	30.06	.62	—	—	—	—	—	—	—	—	—	—	100	—	—
	537	135.0	31.58	.86	—	—	—	—	—	—	—	—	—	—	100	—	—
Delmarva Power & Light Co																	
Edgemoor (DE).....	161	166.3	43.30	.80	113	316.5	19.87	.84	—	—	1,746	470.3	4.86	—	62	11	27
Hay Road (DE).....	58	163.6	41.99	.77	102	296.2	18.74	.90	—	—	148	326.1	3.38	—	65	28	7
Indian River (DE).....	—	—	—	—	—	—	—	—	—	—	1,598	483.7	5.00	—	—	—	100
	103	167.8	44.03	.82	11	522.9	30.42	.21	—	—	—	—	—	—	98	2	—
Denton City of																	
Spencer (TX).....	—	—	—	—	—	—	—	—	—	—	77	442.7	4.55	—	—	—	100
	—	—	—	—	—	—	—	—	—	—	77	442.7	4.55	—	—	—	100
Deseret Generation & Tran Coop																	
Bonanza (UT).....	170	196.6	39.22	.42	—	—	—	—	—	—	—	—	—	—	100	—	—
	170	196.6	39.22	.42	—	—	—	—	—	—	—	—	—	—	100	—	—
Detroit City of																	
Mistersky (MI).....	—	—	—	—	91	479.5	30.22	.63	—	—	205	338.0	3.47	—	—	73	27
	—	—	—	—	91	479.5	30.22	.63	—	—	205	338.0	3.47	—	—	73	27
Detroit Edison Co																	
Harbor Beach (MI).....	1,007	118.0	24.35	.66	8	472.1	27.58	.26	—	—	1,654	160.2	.19	—	99	*	1
Marysville (MI).....	—	—	—	—	1	496.6	28.44	.30	—	—	—	—	—	—	—	100	—
Monroe (MI).....	—	—	—	—	—	—	—	—	—	—	4	593.3	5.92	—	—	—	100
River Rouge (MI).....	724	115.3	23.82	.67	2	483.8	27.96	.24	—	—	—	—	—	—	100	*	—
St Clair (MI).....	115	132.0	27.29	.53	—	—	—	—	—	—	1,641	132.0	.15	—	93	—	7
Trenton Channel (MI).....	—	—	—	—	3	447.9	26.78	.26	—	—	8	593.3	6.00	—	—	67	33
	168	120.0	24.59	.71	2	480.3	27.83	.26	—	—	—	—	—	—	100	*	—
Dover City of																	
Mckee Run (DE).....	—	—	—	—	34	304.8	19.44	.90	—	—	8	520.1	5.38	—	—	96	4
	—	—	—	—	34	304.8	19.44	.90	—	—	8	520.1	5.38	—	—	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, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts		Average Cost ³		Avg. Sulfur %	Receipts		Average Cost ³		Avg. Sulfur %	Receipts		Average Cost ³	
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)			(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl			(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf	
Duke Power Co.....	1,525	140.2	34.94	0.98		13	519.9	30.27	0.30		—	—	—	100
Allen (NC).....	196	135.2	33.24	.97		2	512.1	29.89	.30		—	—	—	100
Belews Creek (NC).....	472	141.6	35.30	.79		2	503.6	29.33	.30		—	—	—	100
Buck (NC).....	63	130.6	31.83	.98		—	—	—	—		—	—	—	100
Cliffside (NC).....	188	157.4	40.57	1.09		1	563.2	32.89	.30		—	—	—	100
Dan River (NC).....	38	128.0	31.32	1.01		—	—	—	—		—	—	—	100
Lee (SC).....	71	151.1	37.04	1.08		3	542.1	31.49	.30		—	—	—	99
Marshall (NC).....	410	132.5	32.89	1.08		5	507.6	29.53	.30		—	—	—	100
Riverbend (NC).....	87	145.8	36.41	1.15		—	—	—	—		—	—	—	100
Duquesne Light Co.....	204	109.0	28.13	2.01		4	511.5	29.69	.16		26	437.9	4.55	99
Cheswick (PA).....	97	112.8	29.46	1.77		—	—	—	—		26	437.9	4.55	99
Elrama (PA).....	107	105.5	26.92	2.23		4	511.5	29.69	.16		—	—	—	99
East Kentucky Power Coop.....	376	116.3	28.53	.83		2	520.5	30.30	.15		—	—	—	100
Cooper (KY).....	56	116.1	28.86	1.29		1	523.0	30.44	.20		—	—	—	100
Dale (KY).....	19	115.0	28.55	.87		1	518.7	30.20	.12		—	—	—	98
Spurlock (KY).....	301	116.4	28.47	.74		—	—	—	—		—	—	—	100
El Paso Electric Co.....	—	—	—	—		—	—	—	—		2,415	421.0	4.28	—
Newman (TX).....	—	—	—	—		—	—	—	—		1,709	426.0	4.33	—
Rio Grande (TX).....	—	—	—	—		—	—	—	—		707	409.0	4.16	—
Electric Energy Inc.....	321	85.1	14.75	.24	*	—	610.7	34.89	.24		31	388.6	4.00	99
Joppa (IL).....	321	85.1	14.75	.24	*	—	610.7	34.89	.24		31	388.6	4.00	99
Empire District Electric Co.....	92	111.3	20.46	.61	—	—	—	—	—	*	—	475.0	4.75	100
Asbury (MO).....	68	106.6	19.39	.54	—	—	—	—	—	*	—	—	—	100
Riverton (KS).....	25	123.6	23.41	.82	—	—	—	—	—	*	—	475.0	4.75	100
Fayetteville Public Works.....	—	—	—	—	*	—	552.8	32.13	.05	*	2	666.3	6.89	—
Butler Warner (NC).....	—	—	—	—	*	—	552.8	32.13	.05	*	2	666.3	6.89	—
Florida Power & Light Co.....	—	—	—	—	—	1,662	293.7	18.69	1.49	—	8,660	516.8	5.17	—
Cape Canaveral (FL).....	—	—	—	—	—	200	280.6	17.73	2.00	—	375	516.8	5.17	—
Cutler (FL).....	—	—	—	—	—	—	—	—	—	—	23	516.8	5.17	—
Fort Myers (FL).....	—	—	—	—	—	172	258.7	16.53	2.15	—	—	—	—	100
Lauderdale (FL).....	—	—	—	—	—	—	—	—	—	—	3,209	516.8	5.17	—
Manatee (FL).....	—	—	—	—	—	532	300.6	19.26	.97	—	—	—	—	100
Martin (FL).....	—	—	—	—	—	106	352.4	22.63	.65	—	3,482	516.8	5.17	—
Port Everglades (FL).....	—	—	—	—	—	158	311.7	19.68	1.10	—	133	516.8	5.17	—
Putnam (FL).....	—	—	—	—	—	—	—	—	—	—	683	516.8	5.17	—
Riviera (FL).....	—	—	—	—	—	118	276.9	17.74	2.30	—	53	516.8	5.17	—
Sanford (FL).....	—	—	—	—	—	303	282.2	17.76	2.00	—	250	516.8	5.17	—
Turkey Point (FL).....	—	—	—	—	—	74	310.3	19.67	1.00	—	453	516.8	5.17	—
Florida Power Corp.....	508	179.3	44.95	.83	—	561	273.4	17.83	1.72	—	—	—	—	78
Anclote (FL).....	—	—	—	—	—	3	470.2	28.03	.62	—	—	—	—	100
Bartow (FL).....	—	—	—	—	—	222	257.9	16.93	2.36	—	—	—	—	100
Crystal River (FL).....	358	180.4	45.35	.90	—	6	541.9	31.61	.21	—	—	—	—	100
IMT Transfer (LA).....	150	176.7	44.00	.67	—	—	—	—	—	—	—	—	—	100
Storage Facility #1.....	—	—	—	—	—	319	275.1	17.93	1.34	—	—	—	—	100
Suwannee (FL).....	—	—	—	—	—	11	367.9	23.23	1.03	—	—	—	—	100
Fort Pierce City of.....	—	—	—	—	—	—	—	—	—	—	165	487.9	5.11	—
H D King (FL).....	—	—	—	—	—	—	—	—	—	—	165	487.9	5.11	—
Fremont City of.....	—	—	—	—	—	—	—	—	—	—	5	428.0	4.28	—
Wright (NE).....	—	—	—	—	—	—	—	—	—	—	5	428.0	4.28	—
Gainesville City of.....	48	166.0	43.29	.59	—	—	—	—	—	—	14	2,107.5	22.17	99
Deerhaven (FL).....	48	166.0	43.29	.59	—	—	—	—	—	—	13	2,107.6	22.17	99
Jr Kelly (FL).....	—	—	—	—	—	—	—	—	—	—	1	2,106.8	22.16	—

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, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Garland City of.....	—	—	—	—	—	—	—	—	669	377.4	3.83	—	—	100
Newman (TX).....	—	—	—	—	—	—	—	—	18	388.7	3.97	—	—	100
Olinger (TX).....	—	—	—	—	—	—	—	—	651	377.1	3.82	—	—	100
Georgia Power Co.....	1,898	161.9	37.22	0.79	15	540.0	31.41	0.50	—	—	—	100	*	—
Atkinson-McDonough (GA).....	80	134.3	33.90	1.02	—	—	—	—	—	—	—	100	—	—
Bowen (GA).....	530	139.1	34.21	.93	2	523.3	30.44	.50	—	—	—	100	*	—
Hammond (GA).....	65	147.2	37.00	.84	3	542.0	31.53	.50	—	—	—	99	1	—
Harlee Branch (GA).....	219	163.0	40.10	1.09	3	540.8	31.46	.50	—	—	—	100	*	—
Mitchell (GA).....	9	176.3	43.29	1.10	—	—	—	—	—	—	—	100	—	—
Scherer (GA).....	729	176.7	35.36	.51	3	540.6	31.45	.50	—	—	—	100	*	—
Wansley (GA).....	175	201.7	51.04	.87	—	—	—	—	—	—	—	100	—	—
Yates (GA).....	91	151.9	38.56	1.08	3	546.3	31.78	.50	—	—	—	99	1	—
Glendale City of.....	—	—	—	—	—	—	—	—	76	324.0	3.31	—	—	100
Glendale (CA).....	—	—	—	—	—	—	—	—	76	324.0	3.31	—	—	100
Grand Haven City of.....	—	—	—	—	—	—	—	—	1	446.7	4.47	—	—	100
J B Simms (MI).....	—	—	—	—	—	—	—	—	1	446.7	4.47	—	—	100
Grand Island City of.....	44	67.8	11.39	.32	—	—	—	—	—	—	—	100	—	—
Platte (NE).....	44	67.8	11.39	.32	—	—	—	—	—	—	—	100	—	—
Grand River Dam Authority.....	369	91.3	15.34	.39	—	—	—	—	15	490.3	4.92	100	—	*
GRDA No 1 (OK).....	369	91.3	15.34	.39	—	—	—	—	15	490.3	4.92	100	—	*
Greenville City of.....	—	—	—	—	—	—	—	—	1	402.9	4.18	—	—	100
Power Lane (TX).....	—	—	—	—	—	—	—	—	1	402.9	4.18	—	—	100
Gulf Power Co.....	145	264.6	63.62	1.67	1	538.2	31.31	.45	34	459.8	4.60	99	*	1
Crist (FL).....	65	271.3	65.11	1.12	*	518.5	30.16	.45	34	459.8	4.60	98	*	2
Scholtz (FL).....	8	150.1	37.84	2.93	—	—	—	—	—	—	—	100	—	—
Smith (FL).....	73	271.1	64.95	2.02	1	548.1	31.88	.45	—	—	—	100	*	—
Gulf States Utilities Co.....	129	143.0	24.81	.48	5	526.2	30.50	.25	7,771	399.4	4.13	22	*	78
Lewis Creek (TX).....	—	—	—	—	—	—	—	—	1,303	395.5	4.09	—	—	100
Nelson (LA).....	129	143.0	24.81	.48	5	526.2	30.50	.25	1,158	358.0	3.68	65	1	34
Sabine (TX).....	—	—	—	—	—	—	—	—	3,686	405.7	4.24	—	—	100
Willow Glen (LA).....	—	—	—	—	—	—	—	—	1,625	417.8	4.20	—	—	100
Hamilton City of.....	16	149.4	37.24	.71	—	—	—	—	6	425.1	4.38	99	—	1
Hamilton (OH).....	16	149.4	37.24	.71	—	—	—	—	6	425.1	4.38	99	—	1
Hastings City of.....	26	73.5	13.05	.23	—	—	—	—	—	—	—	100	—	—
Hastings (NE).....	26	73.5	13.05	.23	—	—	—	—	—	—	—	100	—	—
Hawaiian Electric Co Inc.....	—	—	—	—	481	430.3	26.96	.05	—	—	—	—	100	—
Kahe (HI).....	—	—	—	—	58	428.8	26.88	.05	—	—	—	—	100	—
Storage Facility #1.....	—	—	—	—	423	430.5	26.97	.05	—	—	—	—	100	—
Holyoke Water Power Co.....	25	203.9	53.13	.60	1	577.9	33.45	.27	—	—	—	99	1	—
Mount Tom (MA).....	25	203.9	53.13	.60	1	577.9	33.45	.27	—	—	—	99	1	—
Hoosier Energy R E C Inc.....	341	119.1	25.76	3.22	1	529.5	30.69	—	—	—	—	100	*	—
Frank E Ratts (IN).....	60	140.4	30.77	1.34	*	504.0	29.21	—	—	—	—	100	*	—
Merom (IN).....	281	114.4	24.68	3.62	*	542.2	31.43	—	—	—	—	100	*	—
Houston Lighting & Power Co.....	1,654	158.0	23.85	.68	—	—	—	—	7,635	377.4	3.84	76	—	24
Bertron (TX).....	—	—	—	—	—	—	—	—	437	365.3	3.74	—	—	100
Cedar Bayou (TX).....	—	—	—	—	—	—	—	—	1,261	403.4	4.12	—	—	100
Deepwater (TX).....	—	—	—	—	—	—	—	—	22	350.0	3.43	—	—	100
Green Bayou (TX).....	—	—	—	—	—	—	—	—	731	378.1	3.87	—	—	100
Limestone (TX).....	817	110.0	14.33	.97	—	—	—	—	72	370.0	3.78	99	—	1
Parish (TX).....	837	193.7	33.14	.39	—	—	—	—	1,060	366.2	3.82	93	—	7

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, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Houston Lighting & Power Co														
Robinson (TX).....	—	—	—	—	—	—	—	—	155	541.4	5.82	—	—	100
Storage Facility # 2.....	—	—	—	—	—	—	—	—	2,081	360.0	3.60	—	—	100
Webster (TX).....	—	—	—	—	—	—	—	—	457	380.7	3.87	—	—	100
Wharton (TX).....	—	—	—	—	—	—	—	—	1,359	372.1	3.78	—	—	100
Illinois Power Co.....	638	112.2	24.54	2.64	3	536.9	31.10	0.30	32	487.5	5.01	100	*	*
Baldwin (IL).....	471	106.6	23.19	2.97	1	511.3	30.07	.30	—	—	—	100	*	—
Havana (IL).....	70	137.4	31.88	.61	2	545.5	31.44	.30	4	616.9	6.17	99	1	*
Hennepin (IL).....	68	119.2	25.78	3.02	—	—	—	—	6	534.0	5.49	100	—	*
Vermilion (IL).....	19	110.1	22.57	1.61	—	—	—	—	22	452.4	4.67	94	—	6
Wood River (IL).....	9	144.4	32.26	.65	—	—	—	—	—	—	—	100	—	—
Independence City of.....	4	126.7	26.71	2.76	—	—	—	—	6	539.2	5.34	94	—	6
Blue Valley (MO).....	4	126.7	26.71	2.76	—	—	—	—	6	539.2	5.34	94	—	6
Indiana & Michigan Electric Co.....	1,008	112.9	20.66	.43	14	520.3	29.95	—	—	—	—	100	*	—
Rockport (IN).....	863	107.4	18.44	.25	12	526.8	30.24	—	—	—	—	100	*	—
Tanners Creek (IN).....	145	135.5	33.86	1.50	3	492.2	28.69	—	—	—	—	100	*	—
Indiana-Kentucky Electric Corp.....	404	109.0	22.04	.90	*	527.6	30.14	.30	—	—	—	100	*	—
Clifty Creek (IN).....	404	109.0	22.04	.90	*	527.6	30.14	.30	—	—	—	100	*	—
Indianapolis Power & Light Co.....	468	98.5	21.78	2.22	5	493.0	28.67	.04	—	—	—	100	*	—
Petersburg (IN).....	343	94.5	21.00	2.62	5	493.0	28.67	.04	—	—	—	100	*	—
Pritchard (IN).....	11	110.2	24.86	1.22	—	—	—	—	—	—	—	100	—	—
Stout (IN).....	114	109.3	23.84	1.09	—	—	—	—	—	—	—	100	—	—
Interstate Power Co.....	42	135.2	31.26	.52	1	406.2	23.89	—	561	216.5	2.17	63	*	36
Dubuque (IA).....	—	—	—	—	*	499.2	29.35	—	1	559.3	5.59	—	66	34
Fox Lake (MN).....	—	—	—	—	—	—	—	—	559	215.9	2.16	—	—	100
Kapp (IA).....	42	135.2	31.26	.52	—	—	—	—	1	443.6	4.56	100	—	*
Lansing (IA).....	—	—	—	—	1	389.3	22.89	—	—	—	—	—	100	—
IES Utilities.....	396	93.3	15.55	.36	6	492.1	28.94	—	192	2 509.5	5.09	97	1	3
Burlington (IA).....	43	91.0	15.00	.34	—	—	—	—	—	—	—	100	—	—
Ottumwa (IA).....	253	91.9	15.26	.37	6	492.1	28.94	—	—	—	—	99	1	—
Prairie Creek (IA).....	77	100.0	16.87	.31	—	—	—	—	2 2	1,070.9	10.71	100	—	*
Sutherland (IA).....	23	90.6	15.36	.35	—	—	—	—	53	414.9	4.15	88	—	12
6th St (IA).....	—	—	—	—	—	—	—	—	137	537.9	5.38	—	—	100
Jacksonville Electric Auth.....	207	174.3	43.50	1.57	2	548.6	32.03	.35	279	270.6	2.86	94	*	5
Kennedy (FL).....	—	—	—	—	—	—	—	—	6	265.2	2.81	—	—	100
Northside (FL).....	—	—	—	—	—	—	—	—	265	270.9	2.87	—	—	100
Southside (FL).....	—	—	—	—	—	—	—	—	8	265.2	2.81	—	—	100
St Johns River (FL).....	207	174.3	43.50	1.57	2	548.6	32.03	.35	—	—	—	100	*	—
Jamestown City of.....	10	133.9	33.83	1.87	—	—	—	—	—	—	—	100	—	—
Samuel A Carlson (NY).....	10	133.9	33.83	1.87	—	—	—	—	—	—	—	100	—	—
Jersey Central Power&Light Co.....	—	—	—	—	—	—	—	—	253	454.6	4.69	—	—	100
Gilbert (NJ).....	—	—	—	—	—	—	—	—	251	454.6	4.69	—	—	100
Sayreville (NJ).....	—	—	—	—	—	—	—	—	2	454.6	4.69	—	—	100
Kansas City City of.....	31	130.4	27.12	.52	—	—	—	—	8	449.6	4.28	99	—	1
Kaw (KS).....	12	130.5	27.12	.51	—	—	—	—	1	546.9	5.20	99	—	1
Quindaro (KS).....	19	130.3	27.11	.53	—	—	—	—	7	429.1	4.08	98	—	2
Kansas City Power & Light Co.....	903	77.0	13.49	.53	—	—	—	—	25	647.9	6.48	100	—	*
Hawthorne (MO).....	124	68.4	11.95	.32	—	—	—	—	25	647.9	6.48	99	—	1
Iatan (MO).....	236	82.5	14.40	.34	—	—	—	—	—	—	—	100	—	—
La Cygne (KS).....	424	70.9	12.48	.79	—	—	—	—	—	—	—	100	—	—
Montrose (MO).....	119	97.3	16.95	.18	—	—	—	—	—	—	—	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, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Kansas Gas & Electric Co.....	—	—	—	—	8	296.4	20.17	1.38	37	445.8	4.44	—	60	40
Evans (KS).....	—	—	—	—	5	296.4	20.17	1.38	11	445.8	4.36	—	76	24
Gill (KS).....	—	—	—	—	3	296.4	20.17	1.38	26	445.9	4.47	—	44	56
Kansas Power & Light Co.....	874	124.0	21.40	0.37	—	—	—	—	50	720.9	7.11	100	—	*
Hutchinson (KS).....	—	—	—	—	—	—	—	—	34	603.5	5.87	—	—	100
Jeffrey Energy Cnt (KS).....	764	110.7	18.46	.37	—	—	—	—	—	—	—	100	—	—
Lawrence (KS).....	69	197.1	42.07	.39	—	—	—	—	11	1,025.5	10.41	99	—	1
Tecumseh (KS).....	41	194.9	41.62	.39	—	—	—	—	5	792.3	8.07	99	—	1
Kentucky Power Co.....	234	108.9	26.62	1.27	—	—	—	—	—	—	—	100	—	—
Big Sandy (KY).....	234	108.9	26.62	1.27	—	—	—	—	—	—	—	100	—	—
Kentucky Utilities Co.....	493	116.0	28.10	1.49	2	610.4	35.89	.40	—	—	—	100	*	—
Brown (KY).....	129	122.2	29.49	1.14	—	—	—	—	—	—	—	100	—	—
Ghent (KY).....	332	114.6	27.90	1.55	2	610.4	35.89	.40	—	—	—	100	*	—
Green River (KY).....	28	103.5	23.50	2.54	—	—	—	—	—	—	—	100	—	—
Tyrone (KY).....	4	119.4	30.95	.83	—	—	—	—	—	—	—	100	—	—
Lafayette City of.....	—	—	—	—	—	—	—	—	62	357.1	3.72	—	—	100
Bonin (LA).....	—	—	—	—	—	—	—	—	62	357.1	3.72	—	—	100
Lake Worth City of.....	—	—	—	—	1	373.0	21.87	.14	19	481.0	5.05	—	30	70
Tom G Smith (FL).....	—	—	—	—	1	373.0	21.87	.14	19	481.0	5.05	—	30	70
Lakeland City of.....	67	172.7	44.38	1.29	25	333.3	20.95	2.19	54	1,539.7	16.21	89	8	3
Larsen Mem (FL).....	—	—	—	—	5	334.6	20.95	2.13	42	1,539.7	16.21	—	42	58
Plant 3-Mcintosh (FL).....	67	172.7	44.38	1.29	20	333.0	20.95	2.21	12	1,539.7	16.21	93	7	1
Lansing City of.....	64	166.7	42.06	.85	1	421.0	24.40	.30	—	—	—	100	*	—
Eckert (MI).....	37	167.7	42.32	.81	1	421.0	24.40	.30	—	—	—	100	*	—
Erickson (MI).....	28	165.5	41.72	.91	*	421.0	24.40	.30	—	—	—	100	*	—
Long Island Lighting Co.....	—	—	—	—	677	288.1	18.44	.88	2,148	308.3	3.16	—	66	34
Barrett (NY).....	—	—	—	—	—	—	—	—	1,303	306.3	3.16	—	—	100
Glenwood (NY).....	—	—	—	—	—	—	—	—	317	333.2	3.43	—	—	100
Northport (NY).....	—	—	—	—	479	287.0	18.47	.85	526	298.2	3.02	—	85	15
Port Jefferson (NY).....	—	—	—	—	198	290.6	18.36	.98	3	289.4	2.93	—	100	*
Los Angeles City of.....	352	149.3	34.82	.51	—	—	—	—	—	—	—	100	—	—
Intermountain (UT).....	352	149.3	34.82	.51	—	—	—	—	—	—	—	100	—	—
Louisiana Power & Light Co.....	—	—	—	—	229	308.0	19.71	.95	8,427	436.3	4.50	—	14	86
Little Gypsy (LA).....	—	—	—	—	7	473.8	28.61	—	2,241	426.3	4.38	—	2	98
Nine Mile (LA).....	—	—	—	—	6	473.8	28.69	.30	5,773	443.6	4.58	—	1	99
Sterlington (LA).....	—	—	—	—	—	—	—	—	35	398.2	4.12	—	—	100
Waterford (LA).....	—	—	—	—	216	298.7	19.18	1.00	378	386.5	3.97	—	78	22
Louisville Gas & Electric Co.....	434	90.4	20.43	3.35	3	613.7	36.09	.25	53	476.6	4.89	99	*	1
Cane Run (KY).....	126	92.3	21.24	3.46	*	583.5	34.31	.25	46	476.6	4.89	98	*	2
Mill Creek (KY).....	234	91.4	20.63	3.16	—	—	—	—	6	476.6	4.89	100	—	*
Trimble County (KY).....	74	83.4	18.41	3.78	3	615.6	36.20	.25	—	—	—	99	1	—
Lower Colorado River Authority.....	543	98.6	16.93	.34	5	520.3	30.81	—	2,784	348.2	3.54	77	*	23
Gideon (TX).....	—	—	—	—	—	—	—	—	1,779	328.9	3.34	—	—	100
S Seymour-Fayette (TX).....	543	98.6	16.93	.34	5	520.3	30.81	—	—	—	—	100	*	—
T C Ferguson (TX).....	—	—	—	—	—	—	—	—	1,005	382.2	3.89	—	—	100
Lubbock City of.....	—	—	—	—	—	—	—	—	434	342.2	3.46	—	—	100
Holly Ave (TX).....	—	—	—	—	—	—	—	—	434	342.2	3.46	—	—	100
Madison Gas & Electric Co.....	16	135.6	29.00	1.19	—	—	—	—	130	471.1	4.73	72	—	28
Blount (WI).....	16	135.6	29.00	1.19	—	—	—	—	130	471.1	4.73	72	—	28

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, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
		(1,000 tons)	(Cents per 10 ⁶ Btu)			(1,000 bbls)	(Cents per 10 ⁶ Btu)			(1,000 Mcf)	(Cents per 10 ⁶ Btu)			
Manitowoc Public Utilities.....	1	130.7	30.32	2.50	—	—	—	—	—	—	—	100	—	—
Manitowoc (WI).....	1	130.7	30.32	2.50	—	—	—	—	—	—	—	100	—	—
Medina Electric Coop Inc.....	—	—	—	—	—	—	—	—	42	431.0	4.67	—	—	100
Pearsall (TX).....	—	—	—	—	—	—	—	—	42	431.0	4.67	—	—	100
Metropolitan Edison Co.....	111	142.8	37.60	1.76	—	—	—	—	—	—	—	100	—	—
Portland (PA).....	59	142.6	37.76	1.94	—	—	—	—	—	—	—	100	—	—
Titus (PA).....	52	143.0	37.41	1.56	—	—	—	—	—	—	—	100	—	—
Michigan South Central Pwr Agy.....	12	168.6	40.00	3.32	*	708.5	41.96	0.30	—	—	—	100	*	—
Project I (MI).....	12	168.6	40.00	3.32	*	708.5	41.96	.30	—	—	—	100	*	—
MidAmerican Energy.....	923	84.8	14.44	.37	—	—	—	—	51	511.0	5.17	100	—	*
Council Bluffs (IA).....	267	90.5	15.03	.34	—	—	—	—	3	587.7	5.88	100	—	*
George Neal 1-4 (IA).....	473	73.3	12.74	.38	—	—	—	—	10	572.8	5.77	100	—	*
Louisa (IA).....	151	109.3	18.30	.34	—	—	—	—	12	416.4	4.28	100	—	*
Riverside (IA).....	32	98.0	16.51	.37	—	—	—	—	25	522.3	5.26	95	—	5
Minnesota Power & Light Co.....	274	109.7	20.03	.55	2	539.0	27.00	.20	—	—	—	100	*	—
Boswell Energy Center (MN).....	274	109.7	20.03	.55	2	537.6	30.93	.20	—	—	—	100	*	—
Laskin Energy Center (MN).....	—	—	—	—	*	622.9	3.58	.20	—	—	—	—	100	—
Minnkota Power Coop Inc.....	336	61.0	8.30	.83	11	507.1	29.82	.40	—	—	—	99	1	—
Young (ND).....	336	61.0	8.30	.83	11	507.1	29.82	.40	—	—	—	99	1	—
Mississippi Power & Light Co.....	—	—	—	—	636	287.5	18.91	2.16	467	411.3	4.28	—	90	10
Brown (MS).....	—	—	—	—	—	—	—	—	26	398.9	4.14	—	—	100
Delta (MS).....	—	—	—	—	—	—	—	—	*	390.9	4.01	—	—	100
Gerald Andrus (MS).....	—	—	—	—	466	288.1	18.94	2.00	*	365.4	3.65	—	100	*
Wilson (MS).....	—	—	—	—	170	286.0	18.85	2.61	441	412.0	4.29	—	71	29
Mississippi Power Co.....	413	135.4	27.69	.80	*	523.9	30.12	—	231	370.7	3.85	97	*	3
Daniel (MS).....	262	135.8	25.56	.39	*	523.9	30.12	—	—	—	—	100	*	—
Eaton (MS).....	—	—	—	—	—	—	—	—	38	397.5	4.13	—	—	100
Sweatt (MS).....	—	—	—	—	—	—	—	—	40	461.1	4.72	—	—	100
Watson (MS).....	151	135.0	31.41	1.52	—	—	—	—	154	341.2	3.56	96	—	4
Monongahela Power Co.....	1,104	109.8	27.45	2.96	2	510.7	30.25	.30	51	314.9	3.15	100	*	*
Albright (WV).....	42	106.8	26.89	1.65	1	464.6	27.51	.30	—	—	—	99	1	—
Ft Martin (WV).....	229	121.8	30.98	1.39	*	539.9	31.97	.30	—	—	—	100	*	—
Harrison (WV).....	533	112.9	28.12	3.33	*	553.2	32.76	.30	36	330.2	3.30	100	*	*
Pleasants (WV).....	264	90.5	22.35	4.04	*	563.0	33.34	.30	—	—	—	100	*	—
Rivesville (WV).....	16	136.7	35.20	.99	*	593.5	35.15	.30	—	—	—	100	*	—
Willow Island (WV).....	19	121.2	31.53	1.31	*	397.8	23.56	.30	15	276.9	2.77	97	*	3
Montana Power Co.....	653	65.1	10.90	.71	—	—	—	—	14	329.4	3.47	100	—	*
Colstrip (MT).....	592	66.6	11.15	.76	—	—	—	—	—	—	—	100	—	—
Corette (MT).....	61	50.7	8.41	.23	—	—	—	—	14	329.4	3.47	99	—	1
Montana-Dakota Utilities Co.....	267	87.2	12.02	1.14	4	535.4	30.71	.30	1	379.3	4.06	99	1	*
Coyote (ND).....	215	82.3	11.44	1.25	4	535.4	30.71	.30	—	—	—	99	1	—
Heskett (ND).....	27	115.1	15.69	.89	—	—	—	—	1	282.9	3.04	100	—	*
Lewis and Clark (MT).....	25	100.6	13.03	.47	—	—	—	—	1	476.0	5.09	100	—	*
Montaup Electric Co.....	15	174.7	45.48	.78	—	—	—	—	—	—	—	100	—	—
Somerset (MA).....	15	174.7	45.48	.78	—	—	—	—	—	—	—	100	—	—
Morgan City City of.....	—	—	—	—	—	—	—	—	107	412.0	4.31	—	—	100
Morgan City (LA).....	—	—	—	—	—	—	—	—	107	412.0	4.31	—	—	100
Muscatine City of.....	—	—	—	—	—	—	—	—	1	414.8	4.23	—	—	100
Muscatine (IA).....	—	—	—	—	—	—	—	—	1	414.8	4.23	—	—	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, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu					
	Receipts		Average Cost ³		Avg. Sulfur %	Receipts		Average Cost ³		Avg. Sulfur %	Receipts		Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)	(1,000 bbls)		(Cents per 10 ⁶ Btu)	\$ per bbl	(1,000 Mcf)	(Cents per 10 ⁶ Btu)		\$ per Mcf						
Nebraska Public Power District.....	570	49.1	8.46	0.25	*	573.3	33.26	—	18	268.6	2.69	100	*	*			
Gerald Gentleman (NE).....	493	45.9	7.85	.25	*	573.3	33.26	—	17	241.0	2.41	100	*	*			
Sheldon (NE).....	77	68.8	12.39	.27	—	—	—	—	1	676.1	6.76	100	—	*			
Nevada Power Co.....	125	136.2	31.38	.57	—	—	—	—	10	697.0	7.12	100	—	*			
Clark (NV).....	—	—	—	—	—	—	—	—	10	697.0	7.12	—	—	100			
Gardner (NV).....	125	136.2	31.38	.57	—	—	—	—	—	—	—	100	—	—			
New England Power Co.....	328	175.3	43.53	.69	283	272.2	17.23	1.77	3,160	310.6	3.19	62	14	25			
Brayton (MA).....	283	177.3	44.16	.68	—	—	—	—	38	410.9	4.22	99	—	1			
Manchester St (RI).....	—	—	—	—	—	—	—	—	3,122	309.4	3.18	—	—	100			
Salem Harbor (MA).....	46	162.3	39.58	.73	283	272.2	17.23	1.77	—	—	—	38	62	—			
New Orleans Public Service Inc.....	—	—	—	—	71	295.0	19.32	1.50	623	381.2	3.99	—	42	58			
Michoud (LA).....	—	—	—	—	71	295.0	19.32	1.50	623	381.2	3.99	—	42	58			
New York State Elec & Gas Corp.....	256	130.7	33.23	1.94	2	621.0	35.73	.14	—	—	—	100	*	—			
Goudey (NY).....	17	140.2	37.28	2.03	*	620.4	35.70	.14	—	—	—	100	*	—			
Jennison (NY).....	23	165.4	39.71	1.23	—	—	—	—	—	—	—	100	—	—			
Kintigh (NY).....	134	125.5	32.55	2.03	2	619.7	35.66	.14	—	—	—	100	*	—			
Milliken (NY).....	82	128.2	31.72	1.99	*	633.6	36.46	.14	—	—	—	100	*	—			
Niagara Mohawk Power Corp.....	255	128.1	33.78	1.86	3	548.8	31.81	.44	85	516.5	5.30	98	*	1			
Albany (NY).....	—	—	—	—	—	—	—	—	23	459.7	4.73	—	—	100			
Dunkirk (NY).....	108	122.9	32.48	2.00	2	518.6	30.29	.47	—	—	—	100	*	—			
Huntley (NY).....	147	132.0	34.74	1.76	1	589.8	33.82	.40	—	—	—	100	*	—			
Oswego (NY).....	—	—	—	—	—	—	—	—	62	537.2	5.51	—	—	100			
Northern Indiana Pub Serv Co.....	552	136.5	26.24	1.00	—	—	—	—	37	550.3	5.61	100	—	*			
Bailey (IN).....	72	143.3	31.48	2.65	—	—	—	—	3	792.9	8.09	100	—	*			
Michigan City (IN).....	97	140.9	26.79	.44	—	—	—	—	5	687.9	7.02	100	—	*			
Mitchell (IN).....	107	138.1	25.37	.40	—	—	—	—	8	473.5	4.83	100	—	*			
Rollin Schahfer (IN).....	275	132.2	25.01	.99	—	—	—	—	21	514.1	5.24	100	—	*			
Northern States Power Co.....	1,056	109.9	19.31	.39	—	—	—	—	86	480.1	4.87	100	—	*			
Bay Front (WI).....	9	165.4	38.21	.57	—	—	—	—	69	492.4	4.98	74	—	26			
Black Dog (MN).....	56	105.7	18.37	.19	—	—	—	—	5	438.0	4.47	99	—	1			
High Bridge (MN).....	74	107.7	18.99	.21	—	—	—	—	8	419.7	4.29	99	—	1			
King (MN).....	166	108.5	19.01	.33	—	—	—	—	2	419.7	4.29	100	—	*			
Riverside (MN).....	94	100.2	17.70	.20	—	—	—	—	2	451.1	4.61	100	—	*			
Sherburne County (MN).....	657	111.2	19.49	.47	—	—	—	—	—	—	—	100	—	—			
Ohio Edison Co.....	687	111.9	26.39	1.29	2	506.0	29.53	.19	—	—	—	100	*	—			
Burger (OH).....	43	79.5	19.11	3.34	*	519.3	30.17	.30	—	—	—	100	*	—			
Niles (OH).....	65	102.4	24.62	2.59	*	386.4	22.61	.17	—	—	—	100	*	—			
Sammis (OH).....	579	115.4	27.14	.99	2	526.5	30.75	.17	—	—	—	100	*	—			
Ohio Power Co.....	1,395	144.6	34.00	2.67	5	512.5	29.64	—	—	—	—	100	*	—			
Gavin (OH).....	685	145.3	32.77	3.25	—	—	—	—	—	—	—	100	—	—			
Kammer (WV).....	145	86.4	21.14	3.52	*	603.2	35.20	—	—	—	—	100	*	—			
Mitchell (WV).....	300	142.0	35.53	.82	—	—	—	—	—	—	—	100	—	—			
Muskingum (OH).....	264	178.9	42.53	2.79	5	508.4	29.40	—	—	—	—	100	*	—			
Ohio Valley Electric Corp.....	182	124.9	33.17	1.54	1	550.0	31.42	.30	—	—	—	100	*	—			
Kyger Creek (OH).....	182	124.9	33.17	1.54	1	550.0	31.42	.30	—	—	—	100	*	—			
Oklahoma Gas & Electric Co.....	948	83.2	14.37	.28	—	—	—	—	1,973	427.1	4.43	89	—	11			
Horseshoe Lake (OK).....	—	—	—	—	—	—	—	—	21	427.1	4.43	—	—	100			
Muskogee (OK).....	576	84.6	14.70	.30	—	—	—	—	16	427.1	4.43	100	—	*			
Seminole (OK).....	—	—	—	—	—	—	—	—	1,935	427.1	4.43	—	—	100			
Sooner (OK).....	372	81.1	13.86	.26	—	—	—	—	—	—	—	100	—	—			
Omaha Public Power District.....	349	72.1	12.19	.39	2	508.5	29.37	.20	3	495.1	4.87	100	*	*			
Nebraska City (NE).....	193	70.8	11.87	.37	2	508.5	29.37	.20	—	—	—	100	*	—			
North Omaha (NE).....	155	73.8	12.58	.43	—	—	—	—	3	495.1	4.87	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, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Orange & Rockland Utils Inc.....	57	190.9	49.15	0.57	—	—	—	—	196	646.9	6.67	88	—	12
Bowline (NY).....	—	—	—	—	—	—	—	—	22	583.7	6.02	—	—	100
Lovett (NY).....	57	190.9	49.15	.57	—	—	—	—	174	655.0	6.75	89	—	11
Orlando Utilities Comm.....	209	185.1	46.85	1.27	—	—	—	—	144 ²	1,145.5	11.90	97	—	3
Indian River (FL).....	—	—	—	—	—	—	—	—	144 ²	1,145.5	11.90	—	—	100
Stanton Energy (FL).....	209	185.1	46.85	1.27	—	—	—	—	—	—	—	100	—	—
Orrville City of.....	20	97.6	22.62	3.74	—	—	—	—	—	—	—	100	—	—
Orrville (OH).....	20	97.6	22.62	3.74	—	—	—	—	—	—	—	100	—	—
Otter Tail Power Co.....	123	97.0	17.04	.56	*	539.3	31.71	0.31	—	—	—	100	*	—
Big Stone (SD).....	112	94.2	16.46	.58	—	—	—	—	—	—	—	100	—	—
Hoot Lake (MN).....	11	124.1	22.98	.37	*	539.3	31.71	.31	—	—	—	99	1	—
Owensboro City of.....	86	92.5	20.73	3.19	—	—	—	—	—	—	—	100	—	—
Smith (KY).....	86	92.5	20.73	3.19	—	—	—	—	—	—	—	100	—	—
Pacific Gas & Electric Co.....	—	—	—	—	—	—	—	—	5,982	456.1	4.70	—	—	100
Contra Costa (CA).....	—	—	—	—	—	—	—	—	990	456.1	4.69	—	—	100
Humboldt Bay (CA).....	—	—	—	—	—	—	—	—	198	456.1	4.69	—	—	100
Hunters Point (CA).....	—	—	—	—	—	—	—	—	992	456.1	4.67	—	—	100
Morro Bay (CA).....	—	—	—	—	—	—	—	—	553	456.1	4.68	—	—	100
Moss Landing (CA).....	—	—	—	—	—	—	—	—	1,838	456.1	4.68	—	—	100
Pittsburg (CA).....	—	—	—	—	—	—	—	—	805	456.1	4.79	—	—	100
Potrero (CA).....	—	—	—	—	—	—	—	—	606	456.1	4.67	—	—	100
PacifiCorp.....	2,562	104.4	19.77	.54	3	649.0	38.16	.30	9 ²	1,346.7	13.99	100	*	*
Carbon (UT).....	65	61.3	14.89	.44	1	873.3	51.35	.30	—	—	—	100	*	—
Centralia (WA).....	407	170.3	28.15	.58	1	562.4	33.07	.30	—	—	—	100	*	—
Emery-Hunter (UT).....	548	87.2	19.24	.47	—	—	—	—	—	—	—	100	—	—
Huntington (UT).....	95	104.5	24.05	.43	—	—	—	—	—	—	—	100	—	—
Jim Bridger (WY).....	657	111.9	21.26	.57	—	—	—	—	—	—	—	100	—	—
Johnston (WY).....	349	58.1	9.14	.46	1	511.3	30.06	.30	—	—	—	100	*	—
Naughton (WY).....	251	124.3	24.52	.64	—	—	—	—	9 ²	1,346.7	13.99	100	—	*
Wyodak (WY).....	190	69.1	10.98	.64	—	—	—	—	—	—	—	100	—	—
Painesville City of.....	10	142.3	34.60	2.99	—	—	—	—	*	600.0	6.00	100	—	*
Painesville (OH).....	10	142.3	34.60	2.99	—	—	—	—	*	600.0	6.00	100	—	*
Pasadena City of.....	—	—	—	—	—	—	—	—	94	388.0	3.99	—	—	100
Broadway (CA).....	—	—	—	—	—	—	—	—	94	388.0	3.99	—	—	100
Pennsylvania Electric Co.....	1,632	127.3	30.96	1.99	8	534.7	31.17	.05	—	—	—	100	*	—
Conemaugh (PA).....	402	122.9	31.01	2.16	—	—	—	—	—	—	—	100	—	—
Homer City (PA).....	553	126.6	29.29	2.03	2	540.1	31.49	.05	—	—	—	100	*	—
Keystone (PA).....	486	136.1	33.85	1.89	—	—	—	—	—	—	—	100	—	—
Seward (PA).....	43	115.7	28.11	1.68	1	537.2	31.32	.05	—	—	—	99	1	—
Shawville (PA).....	138	116.0	28.28	1.79	4	532.8	31.06	.05	—	—	—	99	1	—
Warren (PA).....	9	120.7	29.73	2.00	1	531.1	30.96	.05	—	—	—	97	3	—
Pennsylvania Power & Light Co.....	604	149.7	37.75	1.70	15	571.5	32.96	.10	45	721.1	7.43	99	1	*
Brunner Island (PA).....	166	156.0	40.55	1.58	4	545.3	31.78	.17	—	—	—	99	1	—
Holtwood (PA).....	10	132.6	21.07	.55	—	—	—	—	—	—	—	100	—	—
Martins Creek (PA).....	59	141.1	37.34	1.61	—	—	—	—	45	721.1	7.43	97	—	3
Montour (PA).....	307	149.1	37.75	1.87	11	581.1	33.39	.08	—	—	—	99	1	—
Sunbury (PA).....	62	145.1	33.34	1.44	—	—	—	—	—	—	—	100	—	—
Pennsylvania Power Co.....	498	164.9	39.47	3.53	—	—	—	—	—	—	—	100	—	—
Bruce Mansfield (PA).....	432	172.8	41.35	3.81	—	—	—	—	—	—	—	100	—	—
New Castle (PA).....	66	113.1	27.17	1.70	—	—	—	—	—	—	—	100	—	—
Philadelphia Electric Co.....	116	140.4	36.93	1.98	187	305.4	19.46	.40	175	383.6	3.95	69	27	4
Cromby (PA).....	49	140.7	37.41	1.89	51	305.3	19.52	.55	16	381.9	3.95	79	20	1

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Philadelphia Electric Co	—	—	—	—	28	314.8	20.04	0.34	—	—	—	—	100	—
Delaware (PA).....	—	—	—	—	108	303.1	19.27	.35	158	383.8	3.95	67	26	6
Eddystone (PA).....	67	140.2	36.57	2.05	—	—	—	—	—	—	—	—	—	—
Plains Elec Gen&Trans Coop Inc.....	95	125.1	22.47	.70	—	—	—	—	1	606.9	5.05	100	—	*
Escalante (NM).....	95	125.1	22.47	.70	—	—	—	—	1	606.9	5.05	100	—	*
Platte River Power Authority.....	89	73.3	12.87	.19	—	—	—	—	—	—	—	100	—	—
Rawhide (CO).....	89	73.3	12.87	.19	—	—	—	—	—	—	—	100	—	—
Portland General Electric Co.....	135	114.1	20.00	.22	—	—	—	—	324	193.6	1.96	88	—	12
Boardman (OR).....	135	114.1	20.00	.22	—	—	—	—	—	—	—	100	—	—
Coyote Springs (OR).....	—	—	—	—	—	—	—	—	324	193.6	1.96	—	—	100
Potomac Edison Co.....	9	130.9	32.52	.94	*	538.3	31.88	.30	—	—	—	99	1	—
Smith (MD).....	9	130.9	32.52	.94	*	538.3	31.88	.30	—	—	—	99	1	—
Potomac Electric Power Co.....	432	162.6	42.41	1.34	30	521.3	30.34	.21	90	454.9	4.73	98	2	1
Benning (DC).....	—	—	—	—	3	504.7	29.40	.20	—	—	—	—	100	—
Chalk (MD).....	43	161.9	43.20	1.30	19	529.2	30.77	.20	90	454.9	4.73	85	8	7
Dickerson (MD).....	80	141.4	36.75	1.48	2	511.0	29.82	.20	—	—	—	99	1	—
Morgantown (MD).....	251	169.5	44.31	1.43	2	515.2	30.07	.30	—	—	—	100	*	—
Potomac River (VA).....	58	162.2	41.44	.76	4	504.5	29.40	.20	—	—	—	98	2	—
Power Authority of State of NY.....	—	—	—	—	106	334.0	20.96	.29	752	563.6	5.72	—	47	53
Poletti (NY).....	—	—	—	—	106	334.0	20.96	.29	132	506.7	5.23	—	83	17
Richard Flynn (NY).....	—	—	—	—	—	—	—	—	620	576.0	5.82	—	—	100
Public Service Co of Colorado.....	830	101.1	20.16	.40	—	—	—	—	206	386.2	3.79	99	—	1
Arapahoe (CO).....	65	133.9	29.73	.46	—	—	—	—	46	388.0	3.81	97	—	3
Cameo (CO).....	21	76.3	16.46	.56	—	—	—	—	4	427.0	4.36	99	—	1
Cherokee (CO).....	218	105.1	23.48	.48	—	—	—	—	41	388.0	3.81	99	—	1
Comanche (CO).....	189	101.1	17.36	.24	—	—	—	—	10	388.0	3.81	100	—	*
Hayden (CO).....	151	83.9	17.69	.43	—	—	—	—	2	142.7	1.53	100	—	*
Pawnee (CO).....	138	87.4	14.59	.35	—	—	—	—	6	375.0	3.68	100	—	*
Valmont (CO).....	49	130.4	28.54	.45	—	—	—	—	2	388.0	3.81	100	—	*
Zuni (CO).....	—	—	—	—	—	—	—	—	96	388.0	3.81	—	—	100
Public Service Co of NH.....	138	160.6	42.49	1.75	123	270.3	17.52	1.38	—	—	—	82	18	—
Merrimack (NH).....	108	160.8	42.72	1.74	*	572.6	33.14	.27	—	—	—	100	*	—
Newington Station (NH).....	—	—	—	—	123	269.7	17.49	1.38	—	—	—	—	100	—
Schiller (NH).....	29	159.9	41.64	1.78	—	—	—	—	—	—	—	100	—	—
Public Service Co of NM.....	616	153.6	28.83	.89	4	611.2	34.91	1.00	11	516.2	5.24	100	*	*
Reeves (NM).....	—	—	—	—	—	—	—	—	11	516.2	5.24	—	—	100
San Juan (NM).....	616	153.6	28.83	.89	4	611.2	34.91	1.00	—	—	—	100	*	—
Public Service Co of Oklahoma.....	338	114.7	20.29	.20	—	—	—	—	3,703	431.0	4.42	61	—	39
Comanche (CS) (OK).....	—	—	—	—	—	—	—	—	1,265	434.5	4.44	—	—	100
Northeastern (OK).....	338	114.7	20.29	.20	—	—	—	—	231	399.9	4.08	96	—	4
Riverside (OK).....	—	—	—	—	—	—	—	—	1,386	432.3	4.42	—	—	100
Southwestern (OK).....	—	—	—	—	—	—	—	—	804	433.4	4.50	—	—	100
Tulsa (OK).....	—	—	—	—	—	—	—	—	17	364.5	3.74	—	—	100
Public Service Electric&Gas Co.....	117	176.5	47.39	.77	20	588.3	33.08	—	411	449.9	4.61	85	3	11
Bergen (NJ).....	—	—	—	—	20	588.3	33.08	—	309	449.9	4.59	—	27	73
Hudson (NJ).....	35	168.0	42.74	.79	—	—	—	—	35	449.9	4.65	96	—	4
Mercer (NJ).....	82	179.9	49.37	.76	—	—	—	—	48	449.9	4.67	98	—	2
Sewaren (NJ).....	—	—	—	—	—	—	—	—	19	449.9	4.67	—	—	100
PSI Energy Inc.....	1,141	116.9	26.08	1.78	34	526.4	30.29	.30	—	—	—	99	1	—
Cayuga (IN).....	227	121.4	26.47	1.67	2	537.9	30.95	.30	—	—	—	100	*	—
Edwardsport (IN).....	17	86.0	19.75	2.64	—	—	—	—	—	—	—	100	—	—
Gallagher (IN).....	99	104.2	26.71	2.12	4	524.6	30.19	.30	—	—	—	99	1	—

See notes and footnotes at end of table.

Table 57. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
		(1,000 tons)	(Cents per 10 ⁶ Btu)			(1,000 bbls)	(Cents per 10 ⁶ Btu)			(1,000 Mcf)	(Cents per 10 ⁶ Btu)			
PSI Energy Inc														
Gibson Station (IN).....	612	119.9	26.56	1.80	4	540.0	31.07	0.30	—	—	—	100	*	—
Noblesville (IN).....	8	119.8	27.19	2.44	*	507.8	29.22	.30	—	—	—	99	1	—
Wabash River (IN).....	180	112.0	24.19	1.56	24	523.9	30.15	.30	—	—	—	97	3	—
Richmond City of	23	152.3	34.40	1.93	—	—	—	—	—	—	—	100	—	—
Whitewater (IN).....	23	152.3	34.40	1.93	—	—	—	—	—	—	—	100	—	—
Rochester City of	5	178.1	42.97	1.51	—	—	—	—	8	530.9	5.41	93	—	7
Silver Lake (MN).....	5	178.1	42.97	1.51	—	—	—	—	8	530.9	5.41	93	—	7
Rochester Gas & Electric Corp	20	138.5	36.94	2.01	—	—	—	—	—	—	—	100	—	—
Russell Station 7 (NY).....	20	138.5	36.94	2.01	—	—	—	—	—	—	—	100	—	—
Ruston City of	—	—	—	—	—	—	—	—	207	374.7	3.93	—	—	100
Steam Plant (LA).....	—	—	—	—	—	—	—	—	207	374.7	3.93	—	—	100
S Mississippi Elec Pwr Assn	64	209.2	51.66	.98	1	496.1	28.94	.38	324	402.2	4.16	82	*	17
Moselle (MS).....	—	—	—	—	—	—	—	—	324	402.2	4.16	—	—	100
R D Morrow (MS).....	64	209.2	51.66	.98	1	496.1	28.94	.38	—	—	—	100	*	—
Sacramento Municipal Utility	—	—	—	—	—	—	—	—	360	334.6	3.35	—	—	100
Carson (CA).....	—	—	—	—	—	—	—	—	360	334.6	3.35	—	—	100
Salt River Proj Ag I & P Dist	669	144.2	30.50	.49	8	586.4	34.39	.27	—	—	—	100	*	—
Coronado (AZ).....	227	197.4	39.24	.41	4	582.4	33.73	.05	—	—	—	99	1	—
Navajo (AZ).....	443	119.3	26.01	.53	4	590.4	35.07	.50	—	—	—	100	*	—
San Antonio City of	455	98.9	16.43	.37	—	—	—	—	465	365.1	3.70	94	—	6
Braunig (TX).....	—	—	—	—	—	—	—	—	264	365.1	3.70	—	—	100
JT Deely/Spruce (TX).....	455	98.9	16.43	.37	—	—	—	—	1	365.1	3.71	100	—	*
Sommers (TX).....	—	—	—	—	—	—	—	—	192	365.1	3.71	—	—	100
Tuttle (TX).....	—	—	—	—	—	—	—	—	8	365.1	3.71	—	—	100
San Diego Gas & Electric Co	—	—	—	—	—	—	—	—	3,085	502.1	5.06	—	—	100
Encina (CA).....	—	—	—	—	—	—	—	—	1,574	500.5	5.05	—	—	100
South Bay (CA).....	—	—	—	—	—	—	—	—	1,510	503.8	5.08	—	—	100
San Miguel Electric Coop Inc	300	88.6	9.39	1.83	—	—	—	—	—	—	—	100	—	—
San Miguel (TX).....	300	88.6	9.39	1.83	—	—	—	—	—	—	—	100	—	—
Savannah Electric & Power Co	20	152.1	38.94	1.03	*	443.4	25.70	.50	20	202.8	2.08	96	*	4
Kraft (GA).....	—	—	—	—	—	—	—	—	20	202.8	2.08	—	—	100
McIntosh (GA).....	20	152.1	38.94	1.03	*	443.4	25.70	.50	—	—	—	100	*	—
Seminole Electric Coop Inc	322	180.5	44.22	2.92	5	542.7	31.50	.28	—	—	—	100	*	—
Seminole (FL).....	322	180.5	44.22	2.92	5	542.7	31.50	.28	—	—	—	100	*	—
Sierra Pacific Power Co	95	179.3	39.03	.40	2	605.7	35.11	—	2,064	198.9	2.04	49	*	50
Fort Churchill (NV).....	—	—	—	—	—	—	—	—	566	198.9	2.04	—	—	100
North Valmy (NV).....	95	179.3	39.03	.40	2	605.7	35.11	—	—	—	—	99	1	—
Pinon Pine (NV).....	—	—	—	—	—	—	—	—	449	198.9	2.04	—	—	100
Tracy (NV).....	—	—	—	—	—	—	—	—	1,049	198.9	2.04	—	—	100
Sikeston City of	68	148.6	33.40	2.78	—	—	—	—	—	—	—	100	—	—
Sikeston (MO).....	68	148.6	33.40	2.78	—	—	—	—	—	—	—	100	—	—
South Carolina Electric & Gas Co	343	156.3	40.14	1.23	20	545.6	31.62	.20	11	679.2	6.95	99	1	*
Canadys (SC).....	7	165.3	43.66	.99	13	550.3	31.90	.20	8	763.8	7.82	70	27	3
Cope (SC).....	46	154.6	39.38	1.61	2	436.0	25.27	.20	—	—	—	99	1	—
Mcmeekin (SC).....	37	160.9	41.72	1.43	—	—	—	—	—	—	—	100	—	—
Urguhart (SC).....	42	154.0	39.29	1.33	*	576.5	33.41	.20	3	412.8	4.23	100	*	*
Wateree (SC).....	87	147.9	37.40	1.60	5	569.8	33.03	.20	—	—	—	99	1	—
Williams (SC).....	125	161.3	41.91	.75	*	576.5	33.41	.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, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu					
	Receipts		Average Cost ³		Avg. Sulfur %	Receipts		Average Cost ³		Avg. Sulfur %	Receipts		Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)			(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl			(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf				
South Carolina Pub Serv Auth.....	442	138.7	35.90	1.26	—	—	—	—	—	—	—	—	—	—	100	—	—
Cross (SC)	146	136.3	35.32	1.23	—	—	—	—	—	—	—	—	—	—	100	—	—
Grainger (SC)	9	159.3	42.15	1.66	—	—	—	—	—	—	—	—	—	—	100	—	—
Jefferies (SC)	67	135.7	35.89	1.60	—	—	—	—	—	—	—	—	—	—	100	—	—
Winyah (SC)	219	140.3	36.03	1.17	—	—	—	—	—	—	—	—	—	—	100	—	—
Southern California Edison Co.....	472	106.8	23.15	.51	—	—	—	—	7,324	477.0	4.53	60	—	—	40	—	—
Alamitos (CA)	—	—	—	—	—	—	—	—	1,836	483.7	4.89	—	—	—	100	—	—
Cool Water (CA)	—	—	—	—	—	—	—	—	1,174	474.7	2.53	—	—	—	100	—	—
El Segundo (CA)	—	—	—	—	—	—	—	—	823	477.9	4.95	—	—	—	100	—	—
Etiwanda (CA)	—	—	—	—	—	—	—	—	500	475.0	4.79	—	—	—	100	—	—
Huntington Beach (CA)	—	—	—	—	—	—	—	—	367	461.3	4.77	—	—	—	100	—	—
Mandalay (CA)	—	—	—	—	—	—	—	—	887	471.1	5.01	—	—	—	100	—	—
Mohave (NV).....	472	106.8	23.15	.51	—	—	—	—	48	518.4	5.27	100	—	—	*	—	—
Ormond Beach (CA)	—	—	—	—	—	—	—	—	1	490.5	5.07	—	—	—	100	—	—
Redondo (CA)	—	—	—	—	—	—	—	—	1,688	476.1	4.95	—	—	—	100	—	—
Southern Illinois Power Coop	37	99.9	22.86	3.99	1	546.2	31.12	—	—	—	—	99	1	—	—	—	—
Marion (IL).....	37	99.9	22.86	3.99	1	546.2	31.12	—	—	—	—	99	1	—	—	—	—
Southern Indiana Gas & Elec Co.....	222	87.8	19.83	3.40	—	—	—	—	8	489.7	5.04	100	—	—	*	—	—
A B Brown (IN)	91	88.9	20.42	3.97	—	—	—	—	6	515.4	5.30	100	—	—	*	—	—
Culley (IN).....	84	86.4	19.30	3.28	—	—	—	—	1	430.5	4.43	100	—	—	*	—	—
Warrick (IN).....	47	87.8	19.61	2.50	—	—	—	—	1	423.3	4.36	100	—	—	*	—	—
Southwestern Electric Power Co.....	955	134.4	20.87	.76	10	431.0	26.46	—	1,879	374.6	3.76	88	*	—	11	—	—
Arsenal Hill (LA)	—	—	—	—	—	—	—	—	53	389.9	4.16	—	—	—	100	—	—
Flint Creek (AR)	146	114.3	19.25	.35	—	—	—	—	—	—	—	100	—	—	—	—	—
Knox Lee (TX).....	—	—	—	—	3	401.8	24.88	—	644	359.0	3.75	—	3	—	97	—	—
Lieberman (LA).....	—	—	—	—	4	388.5	24.46	—	86	372.8	3.71	—	23	—	77	—	—
Lone Star (TX).....	—	—	—	—	—	—	—	—	16	491.5	4.82	—	—	—	100	—	—
Pirkey (TX).....	361	79.1	10.67	1.43	—	—	—	—	8	343.7	3.68	100	—	—	*	—	—
Welsh Station (TX)	448	177.0	29.62	.36	3	522.3	30.71	—	—	—	—	100	*	—	—	—	—
Wilkes (TX).....	—	—	—	—	—	—	—	—	1,071	382.5	3.73	—	—	—	100	—	—
Southwestern Public Service Co.....	728	204.9	35.88	.35	—	—	—	—	3,980	394.7	3.97	76	—	—	24	—	—
Cunningham (NM)	—	—	—	—	—	—	—	—	733	401.1	4.03	—	—	—	100	—	—
Harrington (TX).....	367	184.0	32.39	.35	—	—	—	—	10	533.0	5.31	100	—	—	*	—	—
Jones (TX)	—	—	—	—	—	—	—	—	1,685	391.4	3.93	—	—	—	100	—	—
Maddox (NM).....	—	—	—	—	—	—	—	—	444	388.2	3.92	—	—	—	100	—	—
Nichols (TX).....	—	—	—	—	—	—	—	—	588	395.1	3.99	—	—	—	100	—	—
Plant X (TX).....	—	—	—	—	—	—	—	—	519	398.4	3.98	—	—	—	100	—	—
Tolk (TX).....	361	226.4	39.43	.35	—	—	—	—	1	533.0	5.21	100	—	—	*	—	—
Springfield City of	45	121.7	23.60	.37	—	—	—	—	6	436.3	4.41	99	—	—	1	—	—
James River (MO).....	45	121.7	23.60	.37	—	—	—	—	3	436.3	4.41	100	—	—	*	—	—
Southwest (MO)	—	—	—	—	—	—	—	—	3	436.3	4.41	—	—	—	100	—	—
Springfield City of	106	115.5	24.14	3.17	—	—	—	—	—	—	—	100	—	—	—	—	—
Dallman (IL).....	96	115.5	24.14	3.17	—	—	—	—	—	—	—	100	—	—	—	—	—
Lakeside (IL)	10	115.5	24.14	3.17	—	—	—	—	—	—	—	100	—	—	—	—	—
St Joseph Light & Power Co	33	103.6	21.45	2.23	13	302.3	19.71	1.50	11	537.0	5.21	88	11	—	1	—	—
Lakeroad (MO).....	33	103.6	21.45	2.23	13	302.3	19.71	1.50	11	537.0	5.21	88	11	—	1	—	—
Sunflower Electric Coop Inc.....	128	114.0	19.25	.35	—	—	—	—	7	389.0	3.81	100	—	—	*	—	—
Holcomb (KS)	128	114.0	19.25	.35	—	—	—	—	7	389.0	3.81	100	—	—	*	—	—
Tacoma Public Utilities	—	—	—	—	*	600.0	34.78	.50	*	487.0	5.11	—	42	—	58	—	—
Steam No.2 (WA).....	—	—	—	—	*	600.0	34.78	.50	*	487.0	5.11	—	42	—	58	—	—
Tallahassee City of.....	—	—	—	—	—	—	—	—	850	360.4	3.78	—	—	—	100	—	—
Hopkins (FL)	—	—	—	—	—	—	—	—	773	366.0	3.84	—	—	—	100	—	—
Purdum (FL).....	—	—	—	—	—	—	—	—	77	304.0	3.19	—	—	—	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, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Tampa Electric Co.	583	161.1	37.56	2.10	12	526.2	30.55	0.13	—	—	—	100	*	—
Big Bend (FL).....	—	—	—	—	3	531.9	30.83	.20	—	—	—	—	100	—
Davant Transfer (LA).....	512	148.1	34.08	2.23	—	—	—	—	—	—	—	100	—	—
Gannon (FL).....	71	244.7	62.64	1.15	5	528.9	30.75	.15	—	—	—	98	2	—
Hookers Point (FL).....	—	—	—	—	*	537.9	31.18	.20	—	—	—	—	100	—
Polk Station (FL).....	—	—	—	—	4	517.6	30.03	.03	—	—	—	—	100	—
Taunton City of	—	—	—	—	1	348.8	22.26	1.00	—	—	—	—	100	—
Cleary (MA).....	—	—	—	—	1	348.8	22.26	1.00	—	—	—	—	100	—
Tennessee Valley Authority	3,419	111.2	26.15	2.37	68	487.7	28.65	.50	—	—	—	100	*	—
Bull Run (TN).....	190	110.1	27.89	1.51	—	—	—	—	—	—	—	100	—	—
BRT Terminal (KY).....	122	118.3	27.81	1.15	—	—	—	—	—	—	—	100	—	—
Cahokia (IL).....	233	116.3	27.21	.47	—	—	—	—	—	—	—	100	—	—
Colbert (AL).....	197	114.1	28.22	1.70	—	—	—	—	—	—	—	100	—	—
Cumberland (TN).....	599	104.5	24.18	2.86	2	532.5	31.29	.50	—	—	—	100	*	—
Gallatin (TN).....	217	121.6	29.64	2.63	—	—	—	—	—	—	—	100	—	—
Johnsonville (TN).....	198	113.4	27.40	1.77	57	478.9	28.14	.50	—	—	—	93	7	—
Kingston (TN).....	268	123.2	30.92	1.35	2	510.1	29.97	.50	—	—	—	100	*	—
Paradise (KY).....	602	86.6	18.12	4.52	1	517.3	30.40	.50	—	—	—	100	*	—
Sevier (TN).....	222	127.0	32.27	1.93	*	513.2	30.16	.50	—	—	—	100	*	—
Shawnee (KY).....	294	127.6	29.51	.88	2	606.7	35.65	.50	—	—	—	100	*	—
Widows Creek (AL).....	277	111.1	26.87	2.99	4	510.8	30.01	.50	—	—	—	100	*	—
Terrabonne Parrish Con.	—	—	—	—	—	—	—	—	55	442.6	4.70	—	—	100
Houma (LA).....	—	—	—	—	—	—	—	—	55	442.6	4.70	—	—	100
Texas Municipal Power Agency	151	121.8	21.26	.34	—	—	—	—	—	—	—	100	—	—
Gibbons Creek (TX).....	151	121.8	21.26	.34	—	—	—	—	—	—	—	100	—	—
Texas Utilities Electric Co.	3,100	86.0	11.26	.83	94	527.0	30.54	—	22,506	379.5	3.89	63	1	36
Big Brown (TX).....	487	71.5	9.55	.70	—	—	—	—	35	379.5	3.87	99	—	1
Collin (TX).....	—	—	—	—	—	—	—	—	156	379.5	3.91	—	—	100
Decordova (TX).....	—	—	—	—	5	527.0	30.54	—	3,262	379.5	3.85	—	1	99
Eagle Mountain (TX).....	—	—	—	—	—	—	—	—	568	379.5	3.91	—	—	100
Graham (TX).....	—	—	—	—	—	—	—	—	1,421	379.5	3.89	—	—	100
Handley (TX).....	—	—	—	—	38	527.0	30.54	—	1,872	379.5	3.89	—	10	90
Lake Creek (TX).....	—	—	—	—	31	527.0	30.54	—	495	379.5	3.94	—	26	74
Lake Hubbard (TX).....	—	—	—	—	9	527.0	30.54	—	1,001	379.5	3.83	—	5	95
Martin Lake (TX).....	1,243	70.6	9.19	1.07	3	537.9	31.18	—	—	—	—	100	*	—
Monticello (TX).....	1,035	109.9	14.19	.49	3	516.0	29.91	—	—	—	—	100	*	—
Morgan Creek (TX).....	—	—	—	—	—	—	—	—	2,236	379.5	4.00	—	—	100
Mountain Creek (TX).....	—	—	—	—	—	—	—	—	1,282	379.5	3.87	—	—	100
North Lake (TX).....	—	—	—	—	5	527.0	30.54	—	877	379.5	3.83	—	3	97
Parkdale (TX).....	—	—	—	—	—	—	—	—	289	379.5	3.84	—	—	100
Permian Basin (TX).....	—	—	—	—	—	—	—	—	2,198	379.5	3.89	—	—	100
Sandow No 4 (TX).....	335	91.3	12.38	1.20	—	—	—	—	—	—	—	100	—	—
Stryker (TX).....	—	—	—	—	—	—	—	—	1,134	379.5	3.91	—	—	100
Tradinghouse (TX).....	—	—	—	—	—	—	—	—	3,714	379.5	3.89	—	—	100
Trinidad (TX).....	—	—	—	—	—	—	—	—	447	379.5	3.86	—	—	100
Valley (TX).....	—	—	—	—	—	—	—	—	1,516	379.5	3.93	—	—	100
Texas-New Mexico Power Co.	189	138.4	18.96	.79	—	—	—	—	37	374.1	3.80	99	—	1
TNP One (Tx).....	189	138.4	18.96	.79	—	—	—	—	37	374.1	3.80	99	—	1
Toledo Edison Co.	89	145.6	34.20	.72	—	—	—	—	—	—	—	100	—	—
Bay Shore (OH).....	89	145.6	34.20	.72	—	—	—	—	—	—	—	100	—	—
Tri State Gen & Trans Assn, Inc.	362	103.5	21.04	.35	—	—	—	—	5	346.5	3.81	100	—	*
Craig (CO).....	326	107.2	21.70	.29	—	—	—	—	5	346.5	3.81	100	—	*
Nucla (CO).....	36	71.0	15.05	.93	—	—	—	—	—	—	—	100	—	—
Tucson Electric Power Co.	291	155.3	28.61	.70	—	—	—	—	16	490.3	5.00	100	—	*
Irrington (AZ).....	9	213.9	42.12	.39	—	—	—	—	16	490.3	5.00	91	—	9
Springerville (AZ).....	282	153.3	28.19	.71	—	—	—	—	—	—	—	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, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
		(1,000 tons)	(Cents per 10 ⁶ Btu)			(1,000 bbls)	(Cents per 10 ⁶ Btu)			(1,000 Mcf)	(Cents per 10 ⁶ Btu)			
Union Electric Co.....	1,243	97.5	17.40	0.53	28	523.2	30.40	0.05	43	480.2	4.93	99	1	*
Labadie (MO).....	627	89.2	15.54	.34	—	—	—	—	—	—	—	100	—	—
Meramec (MO).....	116	121.5	24.22	.66	—	—	—	—	39	480.3	4.93	98	—	2
Rush Island (MO).....	241	90.8	15.51	.32	4	489.9	28.19	.29	—	—	—	99	1	—
Sioux (MO).....	259	110.3	20.60	1.11	1	516.4	29.71	.29	—	—	—	100	—	—
Venice No.2 (IL).....	—	—	—	—	23	529.2	30.82	—	4	478.9	4.92	—	97	3
United Illuminating Co.....	61	191.1	50.17	.55	379	317.7	20.12	.75	—	—	—	40	60	—
Bridgeport Harbor (CT).....	61	191.1	50.17	.55	121	304.6	19.40	.95	—	—	—	67	33	—
New Haven Hbr (CT).....	—	—	—	—	258	323.8	20.46	.66	—	—	—	—	100	—
United Power Assn.....	85	72.6	9.87	.62	*	553.7	31.86	.40	—	—	—	100	*	—
Stanton (ND).....	85	72.6	9.87	.62	*	553.7	31.86	.40	—	—	—	100	*	—
UtiliCorp United Inc.....	96	99.6	19.88	.44	—	—	—	—	—	—	—	100	—	—
Sibley (MO).....	96	99.6	19.88	.44	—	—	—	—	—	—	—	100	—	—
Vero Beach City of.....	—	—	—	—	—	—	—	—	42	971.6	10.20	—	—	100
Vero Beach (FL).....	—	—	—	—	—	—	—	—	42	971.6	10.20	—	—	100
Vineland City of.....	2	194.5	52.21	.70	9	322.7	20.34	.73	—	—	—	43	57	—
H M Down (NJ).....	2	194.5	52.21	.70	9	322.7	20.34	.73	—	—	—	43	57	—
Virginia Electric & Power Co.....	1,094	131.1	32.83	1.29	270	282.9	17.55	1.26	156	297.8	3.13	94	6	1
Bremo Bluff (VA).....	—	—	—	—	1	472.7	27.79	.20	—	—	—	—	100	—
Chesapeake Energy (VA).....	147	130.4	33.29	1.10	—	—	—	—	—	—	—	100	—	—
Chesterfield (VA).....	214	144.2	36.11	1.17	—	—	—	—	111	316.8	3.28	98	—	2
Clover (VA).....	190	132.7	33.29	1.08	2	456.4	26.84	.10	—	—	—	100	*	—
Mount Storm (WV).....	331	110.2	27.15	1.71	7	592.8	34.86	.20	—	—	—	100	*	—
Possom Point (VA).....	131	150.3	38.23	1.00	—	—	—	—	—	—	—	100	—	—
Storage Facility #1.....	—	—	—	—	260	273.0	16.97	1.30	—	—	—	—	100	—
Yorktown (VA).....	81	146.9	36.67	1.19	—	—	—	—	46	254.3	2.78	98	—	2
West Penn Power Co.....	463	137.4	35.05	1.97	3	566.3	33.54	.30	—	—	—	100	*	—
Armstrong (PA).....	68	113.7	28.51	1.77	1	549.8	32.56	.30	—	—	—	100	*	—
Hatfield (PA).....	350	140.9	36.27	1.89	2	571.4	33.84	.30	—	—	—	100	*	—
Mitchell (PA).....	45	145.5	35.34	2.91	*	634.3	37.56	.30	—	—	—	100	*	—
West Texas Utilities Co.....	246	101.2	17.08	.44	—	—	—	—	2,356	419.3	4.21	64	—	36
Fort Phantom (TX).....	—	—	—	—	—	—	—	—	1,001	442.7	4.49	—	—	100
Oak Creek (TX).....	—	—	—	—	—	—	—	—	179	458.3	4.65	—	—	100
Oklaunion (TX).....	246	101.2	17.08	.44	—	—	—	—	—	—	—	100	—	—
Paint Creek (TX).....	—	—	—	—	—	—	—	—	183	449.7	4.45	—	—	100
Rio Pecos (TX).....	—	—	—	—	—	—	—	—	367	310.7	3.05	—	—	100
San Angelo (TX).....	—	—	—	—	—	—	—	—	626	423.8	4.25	—	—	100
Western Farmers Elec Coop Inc.....	—	—	—	—	—	—	—	—	1,234	309.5	3.20	—	—	100
Anadarko (OK).....	—	—	—	—	—	—	—	—	1,139	309.5	3.20	—	—	100
Mooreland (OK).....	—	—	—	—	—	—	—	—	95	310.1	3.21	—	—	100
WestPlains Energy.....	—	—	—	—	—	—	—	—	325	413.1	4.21	—	—	100
Cimarron River (KS).....	—	—	—	—	—	—	—	—	21	430.0	4.69	—	—	100
Large (KS).....	—	—	—	—	—	—	—	—	304	411.9	4.18	—	—	100
Mullergren (KS).....	—	—	—	—	—	—	—	—	*	405.4	4.10	—	—	100
Wisconsin Electric Power Co.....	732	99.2	18.54	.46	34	475.0	27.78	.42	53	517.5	5.28	98	1	*
Oak Creek (WI).....	248	123.4	26.00	.50	—	—	—	—	46	512.3	5.23	99	—	1
Pleasant Prairie (WI).....	455	76.7	12.97	.35	—	—	—	—	3	551.7	5.64	100	—	*
Port Washington (WI).....	—	—	—	—	—	—	—	—	2	547.2	5.55	—	—	100
Presque Isle (MI).....	—	—	—	—	1	639.0	37.38	.24	—	—	—	—	100	—
Storage Facility #1.....	—	—	—	—	32	468.4	27.40	.43	—	—	—	—	100	—
Valley (WI).....	30	158.4	41.58	1.71	—	—	—	—	2	553.5	5.61	100	—	*
Wisconsin Power & Light Co.....	517	111.7	19.27	.43	3	517.0	30.40	—	9	550.0	5.48	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, January 1997 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ³		Avg. Sul- fur %	Receipts	Average Cost ³		Avg. Sul- fur %	Receipts	Average Cost ³		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Wisconsin Power & Light Co.														
Blackhawk (WI)	—	—	—	—	—	—	—	—	9	550.0	5.48	—	—	100
Columbia (WI)	271	103.9	17.91	0.47	1	569.3	33.47	—	—	—	—	100	*	—
Edgewater (WI)	223	120.1	20.57	.39	2	501.4	29.48	—	—	—	—	100	*	—
Rock River (WI)	22	122.2	22.91	.44	*	423.0	24.87	—	—	—	—	100	*	—
Wisconsin Public Service Corp.	276	110.5	19.44	.25	—	—	—	—	43	353.0	3.58	99	—	1
Pulliam (WI)	112	107.8	18.99	.20	—	—	—	—	35	352.9	3.58	98	—	2
Weston (WI)	164	112.4	19.74	.28	—	—	—	—	8	353.2	3.58	100	—	*
Wyandotte Municipal Serv Comm	4	103.1	24.94	3.20	—	—	—	—	—	—	—	100	—	—
Wyandotte (MI)	4	103.1	24.94	3.20	—	—	—	—	—	—	—	100	—	—
U.S. Total	71,900	128.0	26.15	1.10	9,652	321.0	20.32	0.95	133,193	2 405.8	4.09	88	4	8

¹ The January 1997 petroleum coke receipts were 137,552 short tons and the cost was 75.3 cents per million Btu.

² Monetary values are expressed in nominal terms.

³ The entry includes at least one delivery at a price of 1,000 cents per million Btu or greater. High price is frequently caused when fixed costs are averaged into a small quantity.

* Less than 0.05.

Notes: •Data for 1997 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. •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: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Appendix A

General Information

Electric Power Monthly Data Guide

Data Item	Tables
New and Retired Electric Generating Units	1
Nonutility Electricity Sales for Resale	2
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

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

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.

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Appendix B

Technical Notes

Appendix B

Technical Notes

Sources of Data

The *Electric Power Monthly (EPM)* is prepared by the Coal and Electric Data and Renewables 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 six data sources. Four statistical forms are filed monthly and two forms are filed annually by electric utilities. Those forms are: the Form EIA-759, "Monthly Power Plant Report," the Form EIA-900, "Monthly Nonutility Sales for Resale 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," and the Form EIA-860, "Annual Electric Generator Report."

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 25 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. As of the January 1996 reporting period, 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.

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 Sales for Resale 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. Unlike the Form EIA-867 which gathers data on a number of topics, however, the Form EIA-900 currently is used to collect data on only one element, sales by nonutilities for resale through the power grid.

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

Data Processing. The Form EIA-860 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-860 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.

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," 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)).

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 nonresponse. Nonsampling error must also be considered. The nonsampling error is not estimated directly, although attempts are made to minimize it.

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

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

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

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

The basic approach used is shown in (Royall, 6) with additional discussion of variance estimation in (Royall and Cumberland, 7), (Royall and Cumberland, 8), and (Knaub, 5). From (Royall, 6), for sales or revenue for any sector at the State level, if we let x represent an observation from the Form EIA-861, y represents an

observation from the Form EIA-826, and $\hat{y}$ represents an estimated value for data not collected, then

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

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

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

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. γ is taken to be $\frac{1}{2}$ (see (Knaub, 5)), although more research (Knaub, 9) could refine this. For the Form EIA-826, $\gamma = \frac{1}{2}$ 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 kilowatthour, the model covariance comes from notes provided by Professor Poduri S.R.S. Rao (Rao, 10) of the University of Rochester and the Energy Information Administration. Aggregate level CV estimates for revenue per kilowatthour are calculated as supported by (Hansen, Hurwitz and Madow, 11). Details are published in (Knaub, 12).

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.

Like the Form EIA-900, 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.

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

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

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

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

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

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

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

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

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

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

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

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

Form EIA-861. Data for the Form EIA-861 are collected at the utility level from all electric utilities in the United States, its territories, and Puerto Rico. These data are then aggregated to provide national-level electricity sales values by consumer class of service.

Form EIA-860. Data from the Form EIA-860 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*.

Average Heat Content

Heat content values (Table B1) 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.

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.

Table B1. Average Heat Content of Fossil-Fuel Receipts, January 1997

Census Division and State	Coal ¹ (Btu per ton)	Petroleum ¹ (Btu per barrel)	Gas ¹ (Btu per thousand cubic feet)
New England	25,466,777	6,383,402	1,029,702
Connecticut.....	26,257,378	6,381,988	1,013,000
Maine.....	—	6,388,773	—
Massachusetts.....	24,963,652	6,365,282	1,033,519
New Hampshire.....	26,459,434	6,481,988	—
Rhode Island.....	—	—	1,028,000
Vermont.....	—	—	1,013,000
Middle Atlantic	25,005,633	6,298,028	1,026,244
New Jersey.....	26,235,644	5,831,337	1,027,185
New York.....	25,926,782	6,304,114	1,025,842
Pennsylvania.....	24,772,896	6,291,734	1,031,393
East North Central	21,256,188	6,064,197	613,304
Illinois.....	19,692,770	6,133,195	1,016,800
Indiana.....	20,650,274	5,760,602	1,020,700
Michigan.....	21,583,134	6,208,012	^a 221,164
Ohio.....	23,877,600	5,785,177	1,033,639
Wisconsin.....	18,045,816	5,852,282	1,009,699
West North Central	16,749,194	6,085,225	1,005,099
Iowa.....	17,120,894	5,874,670	1,002,606
Kansas.....	17,429,012	6,804,000	1,011,871
Minnesota.....	17,713,540	5,070,103	1,000,883
Missouri.....	17,966,909	6,303,356	1,008,678
Nebraska.....	17,116,344	5,776,885	998,398
North Dakota.....	13,253,447	5,832,896	1,073,000
South Dakota.....	17,470,000	—	—
South Atlantic	24,634,031	6,346,691	1,012,315
Delaware.....	26,031,396	6,302,224	1,034,089
District of Columbia.....	—	5,825,568	—
Florida.....	24,478,406	6,396,757	1,007,677
Georgia.....	23,009,438	5,816,478	1,024,000
Maryland.....	25,861,009	5,816,804	1,038,352
North Carolina.....	24,783,626	5,805,469	1,034,000
South Carolina.....	25,617,586	5,797,653	1,024,000
Virginia.....	25,182,770	6,197,687	1,051,710
West Virginia.....	24,820,107	5,845,130	1,000,000
East South Central	23,302,310	6,488,027	1,037,715
Alabama.....	23,291,952	5,855,847	1,031,292
Kentucky.....	23,137,086	5,845,762	1,023,779
Mississippi.....	21,016,632	6,577,264	1,038,995
Tennessee.....	24,158,898	5,875,800	—
West South Central	15,478,197	6,257,392	1,024,347
Arkansas.....	17,361,022	5,870,264	1,038,390
Louisiana.....	16,189,992	6,412,180	1,030,010
Oklahoma.....	17,249,944	—	1,030,352
Texas.....	14,793,680	5,815,718	1,022,073
Mountain	19,329,668	5,815,395	1,016,644
Arizona.....	20,212,072	5,858,253	1,008,203
Colorado.....	20,009,040	—	986,395
Idaho.....	—	—	—
Montana.....	16,596,093	—	1,053,752
Nevada.....	21,935,916	5,796,000	1,026,781
New Mexico.....	18,106,736	5,712,000	1,010,459
Utah.....	22,327,122	5,880,000	—
Wyoming.....	17,533,126	5,814,981	1,038,554
Pacific Contiguous	16,775,697	5,876,769	992,211
California.....	—	—	991,860
Oregon.....	17,525,688	—	1,011,000
Washington.....	16,526,928	5,876,769	1,050,000
Pacific Noncontiguous	—	6,264,888	1,000,000
Alaska.....	—	—	1,000,000
Hawaii.....	—	6,264,888	—
U.S. Average	20,433,543	6,328,722	1,007,161

¹ Data represents weighted values.^a Consists mostly of blast furnace gas which has a heat content of 79,000 Btu per thousand cubic feet.

Note: Data for 1997 are preliminary.

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

Table B2. Comparison of Preliminary Versus Final Published Data at the U.S. Level, 1993 Through 1996

Item	Mean Absolute Value of Change			
	1993	1994	1995	1996
Generation (million kilowatthours)				
Coal.....	28	34	49	155
Petroleum.....	3	25	6	32
Gas.....	18	29	38	51
Hydroelectric.....	10	6	6	11
Nuclear.....	0	96	0	4
Other ¹	0	1	0	0
Total.....	26	113	11	105
Consumption				
Coal (thousand short tons).....	53	10	27	100
Petroleum (thousand barrels).....	10	13	1	35
Gas (million cubic feet).....	327	470	300	488
Stocks²				
Coal (thousand short tons).....	209	124	310	232
Petroleum (thousand barrels).....	203	81	239	160
Retail Sales (million kilowatthours)				
Residential.....	31	115	64	24
Commercial.....	59	397	123	379
Industrial.....	175	806	166	262
Other ³	96	24	26	47
Total.....	219	602	344	289
Revenue (million dollars)				
Residential.....	3	14	8	3
Commercial.....	3	31	7	24
Industrial.....	7	51	6	16
Other ³	5	4	2	1
Total.....	11	49	22	11
Average Revenue per Kilowatthour (cents)⁴				
Residential.....	.03	.01	.01	*
Commercial.....	.03	.01	*	.01
Industrial.....	.03	.02	*	.01
Other ³	.05	.04	.01	.04
Total.....	.03	.01	*	*
Receipts				
Coal (thousand short tons).....	20	27	5,889	61
Petroleum (thousand barrels).....	15	28	660	77
Gas (million cubic feet).....	315	211	14,026	566
Cost (cents per million Btu)⁴				
Coal.....	.14	.08	21.37	.06
Petroleum.....	*	.01	1.08	.01
Gas.....	.06	.04	21.42	.87

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

² Stocks are end of month values.

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

⁴ Data represents weighted values.

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

Notes: *Change refers to the difference between 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-759, "Monthly Power Plant Report" and Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Table B3. 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
Kilowatt (kW)	1,000 (One Thousand) Watt-hours
Megawatt (MW)	1,000,000 (One Million) Watt-hours
Gigawatt (GW)	1,000,000,000 (One Billion) Watt-hours
TeraWatt (TW)	1,000,000,000,000 (One Trillion) Watt-hours
Kilowatt-hours (kWh)	1,000,000 (One Million) Kilowatt-hours
Megawatt-hours (MWh)	1,000,000,000 (One Billion) Kilowatt-hours
Gigawatt-hours (GWh)	1,000,000,000,000 (One Trillion) Kilowatt-hours
TeraWatt-hours (TWh)	1,000,000,000,000,000 (One Quadrillion) Kilowatt-hours

Source: Energy Information Administration.

Table B4. Comparison of Sample Census Published Data at the U.S. Level by End-Use Sector, 1994 and 1995

Item	1994		1995	
	EIA-826	EIA-861	EIA-826	EIA-861
Retail Sales (million kilowatt-hours)	1,005,804	1,008,482	1,043,304	1,042,501
Residential	827,309	820,269	854,682	862,685
Commercial	992,422	1,007,981	1,013,107	1,012,693
Industrial	95,326	97,830	97,547	95,407
Other ¹	2,920,860	2,934,563	3,008,641	3,013,287
All Sectors	84,538	84,552	87,800	87,610
Residential	64,142	63,396	65,837	66,365
Commercial	46,825	48,069	47,528	47,175
Industrial	6,472	6,689	6,532	6,567
Other ¹	201,978	202,706	207,698	207,717
Average Revenue per Kilowatt-hour (cents) ²	8.41	8.38	8.42	8.40
Residential	7.75	7.73	7.70	7.69
Commercial	4.72	4.77	4.69	4.66
Industrial	6.79	6.84	6.70	6.88
Other ¹	6.92	6.91	6.90	6.89
All Sectors	-1.0	-1.0	-1.0	-1.0

Retail Sales (million kilowatt-hours)

Revenue (million dollars)

Average Revenue per Kilowatt-hour (cents)²

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

2 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.

Notes: * The average revenue per kilowatt-hour 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-861, "Annual Electric Utility Report," Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Figure B1. 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 B5. Estimated Coefficients of Variation for Electric Utility Net Generation by State,
January and February 1997
(Percent)**

State	Coal		Petroleum		Gas		Hydroelectric		Nuclear		Other ¹	
	February	January	February	January	February	January	February	January	February	January	February	January
Alabama.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	—	—
Alaska.....	.0	.0	15.5	16.9	.5	.3	3.5	3.6	—	—	—	—
Arizona.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	—	—
Arkansas.....	.0	.0	.1	.0	3.8	1.3	.0	.0	.0	.0	—	—
California.....	—	—	.0	.0	.0	.0	.1	.1	.0	.0	0.0	0.0
Colorado.....	.1	.1	14.5	53.4	.7	.3	.1	.1	—	—	.0	.0
Connecticut.....	.0	.0	.1	.2	.0	.0	1.0	.8	.0	.0	.0	.0
Delaware.....	.0	.0	.1	.1	.0	.0	—	—	—	—	—	—
District of Columbia.....	—	—	.0	.0	—	—	—	—	—	—	—	—
Florida.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	—	—
Georgia.....	.0	.0	.0	.0	.5	.7	.3	.3	.0	.0	—	—
Hawaii.....	—	—	.0	.0	—	—	.0	.0	—	—	—	—
Idaho.....	—	—	.0	.0	—	—	.2	.2	—	—	—	—
Illinois.....	.0	.0	.6	.1	.1	.1	.0	.0	.0	.0	.0	.0
Indiana.....	.0	.0	.0	.0	.2	.3	.0	.0	—	—	—	—
Iowa.....	.0	.0	4.0	4.2	3.5	3.8	.2	.4	.0	.0	.0	.0
Kansas.....	.0	.0	10.9	.8	12.1	8.9	—	—	.0	.0	—	—
Kentucky.....	.0	.0	.0	.0	.0	.0	1.7	.9	—	—	—	—
Louisiana.....	.0	.0	.0	.0	.0	.1	—	—	.0	.0	—	—
Maine.....	—	—	.8	.0	—	—	.4	.4	.0	.0	.0	.0
Maryland.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	—	—
Massachusetts.....	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	—	—
Michigan.....	.0	.0	.4	.3	3.8	2.0	3.1	3.7	.0	.0	—	—
Minnesota.....	.0	.0	.1	.1	3.9	1.9	1.8	2.9	.0	.0	.0	.0
Mississippi.....	.0	.0	.0	.0	.0	.0	—	—	.0	.0	—	—
Missouri.....	.0	.0	1.5	.9	4.2	.7	.1	.1	.0	.0	.0	.0
Montana.....	.0	.0	.0	.0	.0	.0	.0	.0	—	—	—	—
Nebraska.....	.0	.0	3.3	3.4	1.7	4.2	.0	.0	.0	.0	.0	.0
Nevada.....	.0	.0	.0	.0	.0	.0	.0	.0	—	—	—	—
New Hampshire.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	—	—
New Jersey.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	—	—
New Mexico.....	.4	.2	.0	.0	.0	.0	.0	.0	—	—	—	—
New York.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
North Carolina.....	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	—	—
North Dakota.....	.0	.0	.0	.0	.0	.0	.0	.0	—	—	—	—
Ohio.....	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0	—	—
Oklahoma.....	.0	.0	1.5	3.0	.2	.1	.0	.0	—	—	—	—
Oregon.....	.0	.0	.0	.0	.0	.0	.0	.0	—	—	.0	.0
Pennsylvania.....	.0	.0	.0	.0	.0	.0	.7	1.0	.0	.0	—	—
Rhode Island.....	.0	.0	.0	.0	.0	.0	—	—	—	—	—	—
South Carolina.....	.0	.0	.0	.0	.0	.0	.1	.4	.0	.0	—	—
South Dakota.....	.0	.0	.0	.0	.0	.0	.0	.0	—	—	—	—
Tennessee.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	—	—
Texas.....	.0	.0	.0	.0	.0	.0	.7	1.4	.0	.0	.0	.0
Utah.....	.0	.0	1.4	1.8	140.8	133.8	3.0	3.3	—	—	.0	.0
Vermont.....	—	—	3.9	8.8	.0	.0	3.1	2.8	.0	.0	.0	.0
Virginia.....	.0	.0	.0	.0	.0	.0	1.0	1.2	.0	.0	.0	.0
Washington.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
West Virginia.....	.0	.0	.0	.0	.0	.0	.0	.0	—	—	—	—
Wisconsin.....	.0	.0	.1	.3	.3	.3	.7	.8	.0	.0	.0	.0
Wyoming.....	.0	.0	.0	.0	.0	.0	.2	.2	—	—	—	—

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

Notes: *For an explanation of coefficients of variation, see the technical notes. *Estimates for 1997 are preliminary.

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

Table B6. Estimated Coefficients of Variation for Electric Utility Fuel Consumption and Stocks by State, January and February 1997
(Percent)

State	Consumption						Stocks			
	Coal		Petroleum		Gas		Coal		Petroleum	
	February	January	February	January	February	January	February	January	February	January
Alabama.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alaska.....	.0	.0	11.3	12.9	1.0	.5	.0	.0	20.4	21.6
Arizona.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Arkansas.....	.0	.0	.1	.0	9.6	1.7	.0	.0	.0	.0
California.....	—	—	.0	.0	.0	.0	—	—	.0	.0
Colorado.....	.1	.0	1.4	5.7	.2	.4	.0	.0	.2	.3
Connecticut.....	.0	.0	.1	.2	.0	.0	.0	.0	.2	.2
Delaware.....	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
District of Columbia.....	—	—	.0	.0	—	—	—	—	.0	.0
Florida.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Georgia.....	.0	.0	.0	.0	.4	.6	.0	.0	.0	.0
Hawaii.....	—	—	.0	.0	—	—	—	—	.0	.0
Idaho.....	—	—	.0	.0	—	—	—	—	.0	.0
Illinois.....	.0	.0	.2	.1	.1	.1	.0	.0	.0	.0
Indiana.....	.0	.0	.0	.0	.2	.3	.0	.0	.1	.4
Iowa.....	.0	.0	2.5	1.3	4.4	4.6	.0	.0	3.7	3.4
Kansas.....	.0	.0	7.8	.6	9.1	7.7	.0	.0	.7	.7
Kentucky.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Louisiana.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Maine.....	—	—	.1	.1	—	—	—	—	.0	.0
Maryland.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Massachusetts.....	.0	.0	.0	.0	.1	.3	.0	.0	.1	.2
Michigan.....	.0	.0	.4	.2	1.2	.8	.0	.0	.1	.1
Minnesota.....	.0	.0	1.6	.6	3.5	2.0	.0	.0	.4	.4
Mississippi.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Missouri.....	.0	.0	.7	.5	4.3	.6	.0	.0	.2	.2
Montana.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Nebraska.....	.0	.0	3.7	4.0	2.0	2.7	.0	.0	3.4	3.2
Nevada.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
New Hampshire.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
New Jersey.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
New Mexico.....	.4	.3	.0	.0	.0	.0	.5	.3	.0	.0
New York.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
North Carolina.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
North Dakota.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Ohio.....	.0	.0	.0	.1	.3	.2	.0	.0	.0	.0
Oklahoma.....	.0	.0	1.8	2.9	.2	.1	.0	.0	.1	.1
Oregon.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Pennsylvania.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Rhode Island.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
South Carolina.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
South Dakota.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Tennessee.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Texas.....	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0
Utah.....	.0	.0	2.7	3.6	82.2	82.6	.0	.0	1.3	1.5
Vermont.....	—	—	6.5	12.2	.0	.0	—	—	4.9	4.6
Virginia.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Washington.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
West Virginia.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Wisconsin.....	.0	.0	.4	.5	.3	.2	.1	.1	.3	.5
Wyoming.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

Notes: *For an explanation of coefficients of variation, see the technical notes. *Estimates for 1997 are preliminary.
Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Glossary

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

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

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

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

Barrel: A volumetric unit of measure for crude oil and petroleum products equivalent to 42 U.S. gallons.

Baseload: The minimum amount of electric power delivered or required over a given period of time at a steady rate.

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

Baseload Plant: A plant, usually housing high-efficiency steam-electric units, which is normally operated to take all or part of the minimum load of a system, and which consequently produces electricity at an essentially constant rate and runs continuously. These units are operated to maximize system mechanical and thermal efficiency and minimize system operating costs.

Bcf: The abbreviation for 1 billion cubic feet.

Bituminous Coal: The most common coal. It is dense and black (often with well-defined bands of bright and dull material). Its moisture content usually is less than 20 percent. It is used for generating electricity, making coke,

and space heating. Comprises five groups classified according to the following ASTM Specification D388-84, on a dry mineral-matter-free (mmf) basis for fixed-carbon and volatile matter and a moist mmf basis for calorific value.

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

LV = Low-volatile bituminous coal

MV = Medium-volatile bituminous coal

HVA = High-volatile A bituminous coal

HVB = High-volatile B bituminous coal

HVC = High-volatile C bituminous coal

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

Btu (British Thermal Unit): A standard unit for measuring the quantity of heat energy equal to the quantity of heat required to raise the temperature of 1 pound of water by 1 degree Fahrenheit.

Capability: The maximum load that a generating unit, generating station, or other electrical apparatus can carry under specified conditions for a given period of time without exceeding approved limits of temperature and stress.

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

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

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

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

Coal: A black or brownish-black solid combustible substance formed by the partial decomposition of vegetable matter without access to air. The rank of coal, which includes anthracite, bituminous coal, subbituminous coal, and lignite, is based on fixed carbon, volatile matter, and heating value. Coal rank indicates the progressive alteration from lignite to anthracite. Lignite contains approximately 9 to 17 million Btu per ton. The contents of subbituminous and bituminous coal range from 16 to 24 million Btu per ton and from 19 to 30 million Btu per ton, respectively. Anthracite contains approximately 22 to 28 million Btu per ton.

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

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

Coke (Petroleum): A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion factor is 5 barrels (42 U.S. gallons each) per short ton.

Combined Pumped-Storage Plant: A pumped-storage hydroelectric power plant that uses both pumped water and natural streamflow to produce electricity.

Commercial Operation: Commercial operation begins when control of the loading of the generator is turned over to the system dispatcher.

Compressor: A pump or other type of machine using a turbine to compress a gas by reducing the volume.

Consumption (Fuel): The amount of fuel used for gross generation, providing standby service, start-up and/or flame stabilization.

Contract Receipts: Purchases based on a negotiated agreement that generally covers a period of 1 or more years.

Cost: The amount paid to acquire resources, such as plant and equipment, fuel, or labor services.

Crude Oil (including Lease Condensate): A mixture of hydrocarbons that existed in liquid phase in underground reservoirs and that remains liquid at atmospheric pressure after passing through surface separating facilities. Included are lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and shale oil. Drip gases are also included, but topped crude oil (residual oil) and other unfinished oils are excluded. Liquids produced at natural gas processing plants and mixed with crude oil are likewise excluded where identifiable.

Current (Electric): A flow of electrons in an electrical conductor. The strength or rate of movement of the electricity is measured in amperes.

Demand (Electric): The rate at which electric energy is delivered to or by a system, part of a system, or piece of equipment, at a given instant or averaged over any designated period of time.

Demand Interval: The time period during which flow of electricity is measured (usually in 15-, 30-, or 60-minute increments.)

Electric Plant (Physical): A facility containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or fission energy into electric energy.

Electric Utility: An enterprise that is engaged in the generation, transmission, or distribution of electric energy primarily for use by the public and that is the major power supplier within a designated service area. Electric utilities include investor-owned, publicly owned, cooperatively owned, and government-owned (municipals, Federal agencies, State projects, and public power districts) systems.

Energy: The capacity for doing work as measured by the capability of doing work (potential energy) or the conversion of this capability to motion (kinetic energy). Energy has several forms, some of which are easily convertible and can be changed to another form useful for work. Most of the world's convertible energy comes from fossil fuels that are burned to produce heat that is then used as a transfer medium to mechanical or other means in order to accomplish tasks. Electrical energy is usually measured in kilowatthours, while heat energy is usually measured in British thermal units.

Energy Deliveries: Energy generated by one electric utility system and delivered to another system through one or more transmission lines.

Energy Receipts: Energy generated by one electric utility system and received by another system through one or more transmission lines.

Energy Source: The primary source that provides the power that is converted to electricity through chemical, mechanical, or other means. Energy sources include coal, petroleum and petroleum products, gas, water, uranium, wind, sunlight, geothermal, and other sources.

Fahrenheit: A temperature scale on which the boiling point of water is at 212 degrees above zero on the scale and the freezing point is at 32 degrees above zero at standard atmospheric pressure.

Failure or Hazard: Any electric power supply equipment or facility failure or other event that, in the judgment of the reporting entity, constitutes a hazard to maintaining the continuity of the bulk electric power supply system such that a load reduction action may become necessary and a reportable outage may occur. The imposition of a special operating procedure, the extended purchase of emergency power, other bulk power system actions that may be caused by a natural disaster, a major equipment failure that would impact the bulk power supply, and an environmental and/or regulatory action requiring equipment outages are types of abnormal conditions that should be reported.

Firm Gas: Gas sold on a continuous and generally long-term contract.

Fossil Fuel: Any naturally occurring organic fuel, such as petroleum, coal, and natural gas.

Fossil-Fuel Plant: A plant using coal, petroleum, or gas as its source of energy.

Fuel: Any substance that can be burned to produce heat; also, materials that can be fissioned in a chain reaction to produce heat.

Fuel Emergencies: An emergency that exists when supplies of fuels or hydroelectric storage for generation are at a level or estimated to be at a level that would threaten the reliability or adequacy of bulk electric power supply. The following factors should be taken into account to determine that a fuel emergency exists: (1) Fuel stock or hydroelectric project water storage levels are 50 percent or less of normal for that particular time of the year and a continued downward trend in fuel stock or hydroelectric project water storage level are estimated; or (2) Unscheduled dispatch or emergency generation is causing an abnormal use of a particular fuel type, such that the future supply or stocks of that fuel could reach a level which threatens the reliability or adequacy of bulk electric power supply.

Gas: A fuel burned under boilers and by internal combustion engines for electric generation. These include natural, manufactured and waste gas.

Generation (Electricity): The process of producing electric energy by transforming other forms of energy; also, the amount of electric energy produced, expressed in watt-hours (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 watthours (Wh).

Pumped-Storage Hydroelectric Plant: A plant that usually generates electric energy during peak-load periods by using water previously pumped into an elevated storage reservoir during off-peak periods when excess generating capacity is available to do so. When additional generating capacity is needed, the water can be released from the reservoir through a conduit to turbine generators located in a power plant at a lower level.

Pure Pumped-Storage Hydroelectric Plant: A plant that produces power only from water that has previously been pumped to an upper reservoir.

Qualifying Facility (QF): This is a cogenerator or small power producer that meets certain ownership, operating and efficiency criteria established by the Federal Energy Regulatory Commission (FERC) pursuant to the PURPA, and has filed with the FERC for QF status or has self-certified. For additional information, see the Code of Federal Regulation, Title 18, Part 292.

Railroad and Railway Electric Service: Electricity supplied to railroads and interurban and street railways, for general railroad use, including the propulsion of cars or locomotives, where such electricity is supplied under separate and distinct rate schedules.

Receipts: Purchases of fuel.

Reserve Margin (Operating): The amount of unused available capability of an electric power system at peak load for a utility system as a percentage of total capability.

Restoration Time: The time when the major portion of the interrupted load has been restored and the emergency is

considered to be ended. However, some of the loads interrupted may not have been restored due to local problems.

Restricted-Universe Census: This is the complete enumeration of data from a specifically defined subset of entities including, for example, those that exceed a given level of sales or generator nameplate capacity.

Retail: Sales covering electrical energy supplied for residential, commercial, and industrial end-use purposes. Other small classes, such as agriculture and street lighting, also are included in this category.

Running and Quick-Start Capability: The net capability of generating units that carry load or have quick-start capability. In general, quick-start capability refers to generating units that can be available for load within a 30-minute period.

Sales: The amount of kilowatthours sold in a given period of time; usually grouped by classes of service, such as residential, commercial, industrial, and other. Other sales include public street and highway lighting, other sales to public authorities and railways, and interdepartmental sales.

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.