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Electric Power Monthly

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MASTER

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Preface

The *Electric Power Monthly (EPM)* presents monthly electricity statistics. 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. Data in this report are presented for a wide audience including Congress, Federal and State agencies, the electric utility industry, and the general public. 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 *EPM* is prepared by the Survey Management Division; Office of Coal, Nuclear, Electric and Alternate Fuels, Energy Information Administration (EIA), Department of Energy. This publication provides monthly statistics at the U.S., Census division, and State levels for net generation, fossil fuel consumption and stocks, quantity and quality of fossil fuels, cost of fossil fuels, electricity sales, revenue, and average revenue per kilowatthour of electricity sold. 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.

Statistics by company and plant are published in the *EPM* on the capability of new generating units, net generation, fuel consumption, fuel stocks, quantity and quality of fuel, and cost of fossil fuels.

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 U.S., Census division, and State level tables. However, for purposes of comparison, plant-level data are presented for the earlier month.

Coverage of Sources

The *EPM* contains information from six data sources: the Form EIA-759, "Monthly Power Plant Report"; the Federal Energy Regulatory Commission (FERC) Form 423, "Monthly Report of Cost and Quality of

Fuels for Electric Plants"; the Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions"; the Form EIA-861, "Annual Electric Utility Report"; the Form EIA-860, "Annual Electric Generator Report"; and a form collected by the Office of Emergency Planning and Operations (OE), the Form OE-417R, "Electric Power System Emergency Report." Copies of these forms and their instructions may be obtained from the National Energy Information Center. A brief summary of these forms follows; a more detailed description of the forms is contained in Appendix C, "Technical Notes."

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 prime mover and fuel-type combination. Data are collected from all operators of electric utility generating plants in the United States--approximately 800 (except those having plants solely on standby).

The FERC Form 423, which is 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 threshold of 50 or more megawatts was established by FERC. 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.

The 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 the Form EIA-826 are based on a statistically chosen sample and include over 400 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 due to sampling, are also published at each level.

The Form EIA-860 is used to collect data annually from all electric utilities in the United States and Puerto Rico 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.

The 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 the Form EIA-861 include information on

the production, sales, revenue from sales, and trade of electricity.

The Form OE-417R is used to collect information on major electric utility system emergencies, including the type of emergency, the utility and area affected, the date and time of the event, a description of the event, and expected time of restoration of service. The responsibility of collecting these data has been delegated to the Office of Emergency Planning and Operations within the Department of Energy.

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U.S. Electric Power At A Glance

Beginning with the September 1993 issue, the **Electric Power Monthly** contains a table (Table C4) comparing published national level estimates of retail electricity sales, associated revenue, and average revenue per kilowatthour sold, based on information collected on the Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions," with similar information collected on the Form EIA-861, "Annual Electric Utility Report."

As it becomes available, the upcoming issues of *Electric Power Monthly* will contain information concerning the affects of the June 1993 Midwest floods, on coal-fired electricity generation.

*Electricity is the most convenient,
clean, and assessible form of
useable energy.*

Over the past decade, electric power produced by nonutility power producers re-emerged as an increasing part of U.S. electricity generation. In the 1970's the energy crises, inflation, and the high cost of nuclear power resulted in increased electricity rates and reduced investment in new capacity. These factors led to a reexamination of alternative sources of power, such as nonutility electric power, stimulating the passage of the Public Utility Regulatory Policies Act (PURPA) of 1978 and other legislation encouraging growth in the nonutility industry.

In 1989, the Energy Information Administration (EIA) began collecting electricity generation data on the Form EIA-867, "Annual Nonutility Power Producer Report." This enabled EIA to fill in the informational gap from this growing source of electric power.

From 1989 through 1991 data were collected from nonutility generating facilities with a nameplate rating of 5 megawatts and greater. In 1992, the survey was expanded to include facilities with nameplate ratings of 1 megawatt and greater. Below are estimated 1992 and final 1991 data for 3 nonutility data elements.

Nonutility Power Producers	Estimated 1992	Published 1991
Nameplate Capacity (MW)		
1 megawatt to less than 5 megawatts	1,564	N/A
5 megawatts and greater	55,680	48,171
Total	57,244	N/A
Gross Generation (GWh)		
1 megawatt to less than 5 megawatts	6,011	N/A
5 megawatts and greater	288,821	248,448
Total	294,832	N/A
Sales to Electric Utilities (GWh)		
1 megawatt to less than 5 megawatts	2,932	N/A
5 megawatts and greater	160,976	129,118
Total	163,908	N/A

For further details, contact Mr. John Colligan at (202) 254-5465

For more information concerning nonutility power producers see the *Electric Power Annual* (DOE/EIA-348). Also look for an upcoming *Electric Power Monthly* feature article to be released in late 1993 dealing with the growth of the industry and examining the industry major players.

Monthly Update

May 1993

Receipts and Fuel Costs. Total U.S. receipts of coal delivered to electric utilities in May 1993 were 63 million short tons, a decrease of 1 million short tons (-1 percent), compared with May 1992. A United Mine Workers of America strike against selected mines operated by members of the Bituminous Coal Operators Association does not appear to have had a major effect on total U.S. coal receipts during the month of May 1993.

At the Census division level, however, May 1993 receipts of coal varied considerably, compared with receipts reported in May 1992. Factors that may have contributed to a decrease in coal receipts during the month include, a resurgence of hydroelectric generation, especially in the Pacific Contiguous Census Division; and a substantial increase in nuclear generation on a monthly and year-to-date level in the Middle Atlantic and East North Central Census Divisions. These Census divisions reported considerably lower receipts of coal in May 1993, compared with May 1992. The South Atlantic, East South Central, and West South Central Census Divisions showed an increase of receipts of coal in May 1993, compared with a year ago, due in part to a substantial decrease in monthly and year-to-date levels of nuclear generation. The average cost of coal delivered to electric utilities during May was \$29.06 per short ton, an increase of \$0.03 per short ton from April 1993, and a decrease of \$0.85 per short ton, compared with May a year ago.

Total petroleum receipts in the United States during May 1993 were 11 million barrels, unchanged from last year at this time. The average delivered cost of petroleum in May was \$17.01 per barrel, \$1.49 per barrel higher than the \$15.52 per barrel reported in May 1992, when petroleum prices were unusually low.

Total U.S. receipts of gas delivered to electric utilities during May 1993 were 164 billion cubic feet (Bcf), a decrease of 64 Bcf, compared with last year at this time. Contributing to these lower levels of May 1993 total U.S. gas receipts was the average delivered cost of gas, \$2.92 per thousand cubic feet (Mcf), which increased by 37 percent from a year ago, when gas prices in the United States during May 1992 were also unusually low.

June 1993

Generation. Total U.S. net generation of electricity in June 1993 was 250 billion kilowatthours, 13 billion kilowatthours (5 percent) above the amount reported in June 1992. Coal-fired electricity generation in-

creased 8 billion kilowatthours (6 percent), compared with last year at this time. This 8 billion kilowatthour increase accounted for 61 percent of the increase in total U.S. net generation.

Warmer temperatures across the United States during June 1993, compared with a year ago, particularly in the East North Central and South Atlantic Census Divisions, contributed to higher levels of net generation. The East North Central and South Atlantic Census Divisions had levels of electricity generation during June 1993 (43 and 51 billion kilowatthours, respectively) which were both higher by 10 percent, compared with the same period last year. Together, these Census divisions accounted for 38 percent of the total U.S. net generation of electricity during the month and 67 percent (9 billion kilowatthours) of the increase in total net generation, compared with last year.

Sales and Revenue. Total sales of electricity to ultimate consumers in June 1993 were 238 billion kilowatthours, an increase of 11 billion kilowatthours (5 percent), compared with June 1992. Retail sales of electricity in all end use sectors increased, compared with a year ago. Residential sector sales (77 billion kilowatthours) increased by 6 billion kilowatthours or 8 percent, compared with last year, accounting for approximately 54 percent of the 11 billion kilowatthours increase in total sales to ultimate consumers.

At the Census division level, residential sales of electricity in the South Atlantic (19 billion kilowatthours) and East North Central (11 billion kilowatthours) Census Divisions, together accounted for 39 percent (30 billion kilowatthours) of sales and 60 percent (3 billion kilowatthours) of the 6 billion kilowatthours increase of sales in this sector, compared with the corresponding period last year. Contributing to this increase in June 1993 sales of electricity to residential consumers were warmer temperatures, particularly in the the East North Central and South Atlantic Census Divisions, compared with a year ago. Temperatures in Ohio, Indiana, and Michigan, members of the East North Central Census Division, were higher by 83, 73, and 71 percent respectively, based on the number of cooling-degree days, compared with a year ago. In the South Atlantic Census Division, all States (except Florida) including the District of Columbia, were significantly warmer, compared with June 1992, ranging from a high of 81 percent warmer in West Virginia to a low of 35 percent warmer in South Carolina. Temperatures in Florida during June 1993 were 5 percent warmer, compared with a year ago.

Total U.S. revenue from the sale of electricity to all ultimate consumers in June 1993 (17 billion dollars), increased by 7 percent (1 billion dollars), compared with a year ago. As was the case with total U.S. retail sales of electricity, all end-use sectors had higher levels of revenue, compared with June 1992.

Midwest Floods Affect Coal Fired Generation

In June 1993, slow-moving storms generated heavy rains and severe weather across the Great Plains and the Mississippi and Ohio Valleys, as reported by the National Oceanographic Administration's (NOAA) Climate Analysis Center. Excessive precipitation, combined with a near to above normal long-term moisture supply, produced saturated soils and near-record to record flooding (unparalleled since the Spring floods of 1965 and 1973). Those severe weather patterns, contributed to flood-level waters in the Des Moines, Illinois, Mississippi, and Missouri Rivers. As a result, flood conditions occurred in the Midwestern States of Arkansas, Illinois, Iowa, Kansas, Louisiana, Minnesota, Mississippi, Missouri, Nebraska, North Dakota, South Dakota, and Wisconsin.

Based on information reported to the U.S. Department of Energy's Office of Energy Emergency Operations, coal-fired generation in Iowa, Illinois, Kansas, Louisiana, Minnesota, Missouri, Nebraska, and Wisconsin during the Summer of 1993, was affected in several ways by the flood conditions. These effects included delays in the delivery of coal to electric utility plants as a result of disruptions to barge and rail traffic, increases in the portion of non-useable coal stocks as a result of water saturation, reductions in coal-fired generation levels, increases in purchased electric power, and increases in coal stock draw-downs.

For additional information, contact Mr. Norton Savage of the Office of Emergency Operations at (202) 586-1705.

Figure 1. Net Generation by Energy Source at the National Level

Note: Other energy sources include geothermal, wood, wind, waste, and solar. Data for 1993 are preliminary.
Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 1. New Electric Generating Units by Operating Company, Plant, and State,
and Retirements and Total Capability at U.S. Electric Utilities, 1993**

Month/ Company	Plant	State	Generating Unit Number	Net Summer Capability ¹ (megawatts)	Energy Source	Unit Type Code
January						
Delmarva Power & Light Co.	Hay Road	DE	4	129.5	Waste Heat	CW
February						
McGrath Light & Power Co.	McGrath	AK	7	.4	Petroleum	IC
March						
Imperial Irrigation District	El Centro	CA	2A	74.5	Gas	CT
Tecumseh City of	Tecumseh	NE	6	2.2	Petroleum	IC
April						
Johnson City of	Johnson	KS	8	1.2	Gas	IC
Maui Electric Co. Ltd.	Maalaea	HI	16	17.6	Petroleum	CT
Potomac Electric Power Co.	Dickerson	MD	GT3	131.8	Petroleum	GT
Texas Utilities Electric Co.	Comanche Peak	TX	2	1,150.0	Uranium	NP
Wisconsin Public Service Corp.	West Marinette	WI	33	71.6	Gas	GT
Alaska Power and Telephone Co.	Tetlin	AK	1	.1	Petroleum	IC
May^a						
Auburn City of	Auburn	NE	4A	3.5	Gas	IC
Cincinnati Gas and Electric Co.	Woodsdale	OH	GT1	78.0	Gas	GT
Florida Power and Light Co.	Lauderdale	FL	4GT1-2	297.7	Gas	CT
Mt Pleasant City of	Unit 3	UT	1	.1	Water	HL
Nevada Power Co.	Clark	NV	9	74.6	Waste Heat	CW
Pacific Gas & Electric Co.	PVUSA	CA	1	.5	Sun	SP
Russell City of	Russell	KS	11	3.4	Gas	IC
June						
Bethany City of	Bethany	MO	8	1.5	Petroleum	IC
Denver City & County of	Hillcrest	CO	1	2.0	Water	HL
Florida Power and Light Co.	Lauderdale	FL	5GT1-2	297.7	Gas	CT
Mt Pleasant City of	Unit 4	UT	1	1.2	Water	HL
Public Service Elec & Gas Co.	Burlington	NJ	CW10	54.6	Waste Heat	CW
PSI Energy Inc.	Cayuga	IN	4	88.1	Gas	GT
Springville City of	Upper Barth	UT	1	.2	Water	HL
Vandalia City of	Vandalia	MO	11-12	1.8	Petroleum	IC
Wisconsin Electric Power Co.	Concord	WI	1-2	156.0	Gas	GT
Total Capability of Newly Added Units	--	--	--	2,639.7	--	--
Total Capability of Retired Units	--	--	--	1,269.3	--	--
U.S. Total Capability	--	--	--	696,126.1	--	--

¹ Net summer capability is estimated.

^a Revised.

Notes: •Totals may not equal sum of components because of independent rounding. •Data are preliminary. Final data for the year are to be released in the *Electric Power Annual* (DOE/EIA - 0348(92)). •Unit Type Codes are: IC= Internal Combustion, GT=Combustion (Gas) Turbine, CT=Combined-Cycle Combustion Turbine, CW= Combined Cycle Steam Turbine with only waste heat capability, HC=Hydraulic Turbine - conventional, HR=Hydraulic Turbine - reversible (pumped storage), ST= Steam Turbine - Boiler, HL=Hydraulic Turbine - Pipeline, NP=Steam Turbine - Pressurized Water Nuclear Reactor.

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

Table 2. U.S. Electric Utility Summary Statistics

Items	June 1993 ¹	May 1993 ¹	June 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
Net Generation (Million kWh)						
Coal	137,464	120,878	129,607	783,382	760,020	3.1
Petroleum ²	7,819	5,268	7,508	41,037	46,476	-11.7
Gas	24,391	15,843	24,997	107,149	121,849	-12.1
Hydroelectric Power ³	26,606	29,323	22,698	148,901	125,471	18.7
Nuclear Power	52,620	50,367	51,185	303,187	295,568	2.6
Other Sources ⁴	725	716	846	4,748	5,046	-5.9
All Energy Sources	249,625	222,396	236,842	1,388,404	1,354,430	2.5
Consumption						
Coal (1,000 short tons)	68,113	60,102	64,122	388,542	374,658	3.7
Petroleum (1,000 barrels) ⁵	12,870	8,590	12,449	67,308	76,728	-12.3
Gas (1,000 Mcf)	254,601	167,146	265,882	1,115,428	1,278,283	-12.7
Stocks (end-of-month)						
Coal (1,000 short tons)	145,448	150,070	164,176	--	--	--
Petroleum (1,000 barrels) ⁶	64,217	65,103	68,910	--	--	--
Sales (Million kWh)⁷						
Residential	76,584	63,852	70,745	470,282	450,697	4.3
Commercial	68,171	61,420	65,209	375,703	365,740	2.7
Industrial	84,768	82,100	82,900	481,058	472,509	1.8
Other ⁸	8,138	7,602	7,901	47,299	45,890	3.1
All Sectors	237,662	214,975	226,755	1,374,343	1,334,836	3.0
Revenue (Million Dollars)⁷						
Residential	6,705	5,473	6,112	38,111	36,390	4.7
Commercial	5,439	4,754	5,124	28,375	27,369	3.7
Industrial	4,218	3,895	4,092	22,747	22,412	1.5
Other ⁸	574	525	543	3,162	2,986	5.9
All Sectors	16,937	14,647	15,870	92,395	89,158	3.6
Average Revenue/kWh (Cents)⁷ ⁹						
Residential	8.8	8.6	8.6	8.1	8.1	--
Commercial	8.0	7.7	7.9	7.6	7.5	1.3
Industrial	5.0	4.7	4.9	4.7	4.7	--
Other ⁸	7.1	6.9	6.9	6.7	6.5	3.1
All Sectors	7.1	6.8	7.0	6.7	6.7	--

May 1993 ¹⁰	April 1993 ¹⁰	May 1992 ¹⁰	Year to Date		
			1993 ¹⁰	1992 ¹⁰	Difference (Percent)

Receipts¹¹						
Coal (1,000 short tons)	62,599	63,807	63,407	314,748	314,207	0.2
Petroleum (1,000 barrels) ¹²	10,825	10,539	10,498	46,833	60,884	-23.1
Gas (1,000 Mcf) ¹³	163,925	169,844	227,857	832,843	964,508	-13.7
Cost (cents/million Btu)¹¹ ¹⁴						
Coal	139.9	139.3	142.9	138.9	142.1	-2.2
Petroleum ¹⁵	268.1	286.6	245.1	268.1	225.2	19.0
Gas ¹³	286.3	267.9	207.8	265.9	209.8	26.7

¹ Values for net generation, consumption, stocks, sales, revenue, and average revenue per kilowatthour are final for 1992 and are preliminary for 1993.

² Includes petroleum coke.

³ Pumping energy used at pumped storage plants for June 1993 was 2,060 million kilowatthours.

⁴ Includes geothermal, wood, wind, waste, and solar.

⁵ The June 1993 petroleum coke consumption was 97,727 short tons.

⁶ The June 1993 petroleum coke stocks were 91,886 short tons.

⁷ Estimates for sales and net generation may not correspond exactly for a particular month. Net generation data are for the calendar month. Sales and associated 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 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. (See technical notes for an explanation of the modification to the sample design as of January 1993 estimates.)

¹⁰ Data for 1992 are final. Data for 1993 are preliminary.

¹¹ As of 1991, receipt and cost data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

¹² The May 1993 petroleum coke receipts were 105,237 short tons.

¹³ Includes small amounts of coke-oven, refinery, and blast-furnace gas.

¹⁴ Average cost of fuel delivered to electric generating plants; cost values are weighted values.

¹⁵ May 1993 petroleum coke cost was 61.8 cents per million Btu.

Notes: •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding.

•kWh=kilowatthours, and Mcf=thousand cubic feet. •NM = Percent difference calculation not meaningful. •Monetary values are expressed in nominal terms.

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

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 1992 Through June 1993

Period	All Energy Sources (Million (Kilowatthours))	Share of Total U.S. Net Generation (Percent)					
		Coal ¹	Petroleum ²	Gas	Hydroelectric	Nuclear	Other ³
1992⁴							
January	243,970	56.3	4.2	6.6	8.8	23.7	0.4
February	217,761	55.9	3.8	7.4	8.3	24.2	.4
March	224,665	56.8	3.9	8.9	9.6	20.4	.4
April	210,837	56.9	3.1	10.4	9.2	20.0	.4
May	220,355	56.2	2.3	10.3	10.1	20.7	.4
June	236,842	54.7	3.2	10.6	9.6	21.6	.4
July	266,148	56.0	3.2	12.0	7.4	21.1	.3
August	255,203	55.6	2.7	11.3	7.1	23.0	.3
September	234,760	56.8	2.9	11.1	7.2	21.7	.4
October	221,289	57.8	3.1	9.2	7.4	22.0	.4
November	221,263	56.7	3.1	8.1	8.7	22.9	.4
December	244,126	56.6	2.6	6.9	9.8	23.8	.4
1992 Total	2,797,219	56.3	3.2	9.4	8.6	22.1	.4
1993⁵							
January	245,797	56.3	2.9	6.4	10.0	24.0	.3
February	224,663	57.9	3.1	7.0	8.8	22.8	.4
March	234,630	58.1	3.7	8.0	10.1	19.9	.4
April	211,292	56.9	2.5	7.9	11.9	20.4	.4
May	222,396	54.4	2.4	7.1	13.2	22.6	.3
June	249,625	55.1	3.1	9.8	10.7	21.1	.3
Year to Date							
1993⁵	1,388,404	56.4	3.0	7.7	10.7	21.8	.3
1992⁴	1,354,430	56.1	3.4	9.0	9.3	21.8	.4

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.

⁴ Data for 1992 are final.

⁵ Data for 1993 are preliminary.

Notes: *Totals may not equal sum of components because of independent rounding.

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

The High Falls hydro plant, located along the Peshtigo River, is operated by the Wisconsin Public Service Co.

Table 4. U.S. Electric Utility Net Generation by Energy Source, 1983 Through June 1993
(Million Kilowatthours)

Period	All Energy Sources	Coal ¹	Petroleum ²	Gas	Hydroelectric ³	Nuclear	Other ⁴
1983	2,310,285	1,259,424	144,499	274,098	332,130	293,677	6,456
1984	2,416,304	1,341,681	119,808	297,394	321,150	327,634	8,638
1985	2,469,841	1,402,128	100,202	291,946	281,149	383,691	10,724
1986	2,487,310	1,385,831	136,585	248,508	290,844	414,038	11,503
1987	2,572,127	1,463,781	118,493	272,621	249,695	455,270	12,267
1988	2,704,250	1,540,653	148,900	252,801	222,940	526,973	11,984
1989	2,784,304	1,553,661	158,318	266,598	265,063	529,355	11,309
1990	2,808,151	1,559,606	117,017	264,089	279,926	576,862	10,651
1991	2,825,023	1,551,167	111,463	264,172	275,519	612,565	10,137
1992 ⁵							
January	243,970	137,327	10,202	16,178	21,502	57,849	912
February	217,761	121,731	8,296	15,165	17,966	52,804	798
March	224,665	127,678	8,809	19,906	21,566	45,835	871
April	210,837	119,909	6,505	21,913	19,454	42,268	788
May	220,355	123,768	5,156	22,689	22,285	45,627	830
June	236,842	129,607	7,508	24,997	22,698	51,185	846
July	266,148	149,028	8,540	31,950	19,711	56,049	869
August	255,203	141,900	6,923	28,778	18,062	58,656	885
September	234,760	133,239	6,841	26,099	16,838	50,919	825
October	221,289	127,940	6,908	20,420	16,375	48,784	862
November	221,263	125,535	6,838	18,031	19,294	50,726	840
December	244,126	138,234	6,390	16,744	23,808	58,075	874
1992 Total	2,797,219	1,575,895	88,916	263,872	239,559	618,776	10,200
1993 ⁶							
January	245,797	138,357	7,226	15,811	24,474	59,076	853
February	224,663	130,078	6,950	15,773	19,743	51,319	800
March	234,630	136,280	8,569	18,740	23,583	46,606	852
April	211,292	120,325	5,205	16,591	25,171	43,199	802
May	222,396	120,878	5,268	15,843	29,323	50,367	716
June	249,625	137,464	7,819	24,391	26,606	52,620	725
Year to Date							
1993 ⁶	1,388,404	783,382	41,037	107,149	148,901	303,187	4,748
1992 ⁵	1,354,430	760,020	46,476	121,849	125,471	295,568	5,046

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 June 1993 was 2,060 million kilowatthours.

⁴ Includes geothermal, wood, wind, waste, and solar.

⁵ Data for 1992 and prior years are final.

⁶ Data for 1993 are preliminary.

Notes: •Totals may not equal sum of components because of independent rounding.

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

Table 5. Electric Utility Net Generation by NERC Region and Hawaii
(Million Kilowatthours)

NERC Region and Hawaii	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	40,524	36,951	38,872	240,155	237,701	1.0
ERCOT	18,521	15,443	18,665	90,343	89,354	1.1
MAAC	17,059	15,106	15,333	99,651	94,542	5.4
MAIN	18,346	17,169	16,171	105,018	95,801	9.6
MAPP (U.S.)	11,526	10,421	11,199	70,742	68,811	2.8
NPCC (U.S.)	16,311	14,497	16,326	97,716	103,484	-5.6
SERC	59,154	51,103	54,989	311,360	298,920	4.2
SPP	25,175	19,959	22,993	124,743	121,285	2.9
WSCC (U.S.)	42,175	40,903	41,443	243,472	238,924	1.9
Contiguous U.S.	248,792	221,550	235,990	1,383,199	1,348,823	2.5
ASCC	340	349	282	2,260	2,026	11.5
Hawaii	494	496	570	2,944	3,581	-17.8
U.S. Total	249,625	222,396	236,842	1,388,404	1,354,430	2.5

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

Notes: •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 6. Electric Utility Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	6,680	6,361	7,074	42,642	44,563	-4.3
Connecticut	2,260	2,412	2,115	15,275	13,567	12.6
Maine	797	848	569	4,756	3,819	24.5
Massachusetts	1,923	1,606	2,777	12,883	17,143	-24.9
New Hampshire	1,260	1,012	1,176	7,078	7,795	-9.2
Rhode Island	7	4	7	28	85	-66.6
Vermont	433	479	429	2,621	2,155	21.6
Middle Atlantic	25,922	23,144	24,837	153,252	153,665	-.3
New Jersey	2,624	2,273	2,157	16,059	13,640	17.7
New York	9,125	7,781	8,662	52,180	55,759	-6.4
Pennsylvania	14,173	13,090	14,017	85,013	84,266	.9
East North Central	43,348	39,637	39,574	250,238	238,214	5.0
Illinois	12,299	11,257	10,250	67,166	60,504	11.0
Indiana	8,343	7,203	7,973	49,123	46,728	5.1
Michigan	7,817	7,548	6,889	46,284	42,393	9.2
Ohio	10,997	10,045	10,785	64,523	65,863	-2.0
Wisconsin	3,892	3,584	3,677	23,142	22,726	1.8
West North Central	18,344	16,438	17,415	106,864	101,899	4.9
Iowa	2,750	2,512	2,510	16,182	14,317	13.0
Kansas	3,321	2,552	2,727	16,115	14,731	9.4
Minnesota	3,315	2,977	2,994	19,572	19,094	2.5
Missouri	4,628	4,609	4,561	27,820	25,522	9.0
Nebraska	1,544	1,429	1,830	10,786	10,851	-.6
North Dakota	2,284	1,904	2,168	13,743	14,052	-2.2
South Dakota	501	454	624	2,647	3,332	-20.6
South Atlantic	51,233	43,602	46,474	269,603	262,100	2.9
Delaware	688	466	488	3,555	3,028	17.4
District of Columbia	17	-1	6	19	21	-11.0
Florida	13,271	10,779	12,381	62,950	63,805	-1.3
Georgia	9,194	7,623	8,286	45,315	42,241	7.3
Maryland	3,312	2,949	2,995	19,490	19,050	2.3
North Carolina	8,098	6,432	6,337	41,858	37,843	10.6
South Carolina	6,337	6,250	6,349	37,203	36,204	2.8
Virginia	4,188	3,754	4,173	24,542	23,672	3.7
West Virginia	6,127	5,350	5,460	34,670	36,236	-4.3
East South Central	23,721	21,115	22,415	131,482	126,046	4.3
Alabama	8,169	7,104	8,368	43,116	42,783	.8
Kentucky	7,118	6,269	5,884	40,731	36,811	10.6
Mississippi	2,432	1,878	1,647	10,310	9,716	6.1
Tennessee	6,001	5,864	6,516	37,326	36,736	1.6
West South Central	36,699	29,687	36,167	180,871	179,283	.9
Arkansas	3,692	2,918	3,704	18,970	17,318	9.5
Louisiana	5,660	3,989	5,400	25,922	26,888	-3.6
Oklahoma	4,357	3,459	3,930	22,479	21,313	5.5
Texas	22,991	19,322	23,133	113,500	113,764	-.2
Mountain	20,327	18,608	21,054	120,717	121,962	-1.0
Arizona	5,568	5,343	6,363	33,456	32,215	3.9
Colorado	2,750	2,645	2,675	15,801	15,818	-.1
Idaho	1,222	1,259	620	4,902	3,459	41.7
Montana	1,411	1,178	1,628	9,815	11,616	-15.5
Nevada	1,618	1,284	1,885	8,968	10,094	-11.2
New Mexico	2,179	2,096	2,269	12,989	12,760	1.8
Utah	2,641	2,416	2,556	15,939	15,998	-.4
Wyoming	2,939	2,386	3,058	18,848	20,003	-5.8
Pacific Contiguous	22,517	22,957	20,981	127,530	121,090	5.3
California	10,733	9,928	9,705	61,993	55,294	12.1
Oregon	3,938	4,383	3,646	22,455	21,303	5.4
Washington	7,846	8,647	7,630	43,082	44,493	-3.2
Pacific Noncontiguous	834	846	852	5,204	5,607	-7.2
Alaska	340	349	282	2,260	2,026	11.5
Hawaii	494	496	570	2,944	3,581	-17.8
U.S. Total	249,625	222,396	236,842	1,388,404	1,354,430	2.5

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

Notes: •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 7. Electric Utility Net Generation from Coal by Census Division and State
(Million Kilowatthours)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date				
				Coal Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	1,020	875	1,067	7,174	8,091	-11.3	16.8	18.2
Connecticut	178	203	188	1,116	1,185	-5.8	7.3	8.7
Maine	---	---	---	---	---	---	---	---
Massachusetts	565	555	665	4,567	5,406	-15.5	35.5	31.5
New Hampshire	277	117	214	1,491	1,501	-7	21.1	19.3
Rhode Island	---	---	---	---	---	---	---	---
Vermont	---	---	---	---	---	---	---	---
Middle Atlantic	10,327	8,679	11,447	63,538	68,160	-6.8	41.5	44.4
New Jersey	608	327	453	3,064	2,773	10.5	19.1	20.3
New York	1,593	1,335	2,071	10,595	12,764	-17.0	20.3	22.9
Pennsylvania	8,127	7,016	8,923	49,879	52,623	-5.2	58.7	62.4
East North Central	30,357	27,220	29,216	181,491	177,469	2.3	72.5	74.5
Illinois	4,480	3,706	3,951	26,574	26,799	-8	39.6	44.3
Indiana	8,257	7,115	7,845	48,554	45,826	6.0	98.8	98.1
Michigan	5,403	4,724	5,140	29,365	29,632	-9	63.4	69.9
Ohio	9,583	9,412	9,748	60,589	59,156	2.4	93.9	89.8
Wisconsin	2,635	2,263	2,532	16,410	16,055	2.2	70.9	70.6
West North Central	13,744	12,286	12,140	81,962	77,413	5.9	76.7	76.0
Iowa	2,381	2,094	2,042	13,650	12,407	10.0	84.4	86.7
Kansas	2,344	2,133	1,793	12,788	10,788	18.5	79.4	73.2
Minnesota	1,987	1,648	1,685	12,885	11,692	10.2	65.8	61.2
Missouri	3,482	3,388	3,600	20,889	21,835	-4.3	75.1	85.6
Nebraska	1,188	1,023	843	7,373	6,259	17.8	68.4	57.7
North Dakota	2,143	1,767	2,002	13,024	13,112	-7	94.8	93.3
South Dakota	240	233	175	1,352	1,321	2.3	51.1	39.6
South Atlantic	30,516	25,561	27,351	159,200	150,310	5.9	59.0	57.3
Delaware	430	319	301	2,423	1,763	37.5	68.2	58.2
District of Columbia	---	---	---	---	---	---	---	---
Florida	5,605	5,228	5,665	30,163	29,043	3.9	47.9	45.5
Georgia	6,304	4,927	5,323	29,170	26,349	10.7	64.4	62.4
Maryland	2,250	1,983	2,210	11,919	11,405	4.5	61.2	59.9
North Carolina	5,643	4,418	4,757	26,816	23,564	13.8	64.1	62.3
South Carolina	2,539	2,067	2,098	12,564	10,723	17.2	33.8	29.6
Virginia	1,656	1,331	1,592	11,832	11,603	2.0	48.2	49.0
West Virginia	6,088	5,290	5,406	34,312	35,859	-4.3	99.0	99.0
East South Central	19,169	17,167	16,214	101,545	92,764	9.5	77.2	73.6
Alabama	5,947	5,159	5,769	29,014	27,889	4.0	67.3	65.2
Kentucky	6,868	5,993	5,521	38,911	34,963	11.3	95.5	95.0
Mississippi	885	699	797	3,821	3,890	-1.8	37.1	40.0
Tennessee	5,468	5,316	4,127	29,800	26,022	14.5	79.8	70.8
West South Central	17,775	16,169	16,739	93,899	86,926	8.0	51.9	48.5
Arkansas	2,007	1,624	1,795	9,205	9,204	*	48.5	53.1
Louisiana	1,912	1,654	1,769	9,569	9,404	1.8	36.9	35.0
Oklahoma	2,546	2,005	2,104	13,471	12,534	7.5	59.9	58.8
Texas	11,311	10,886	11,071	61,654	55,785	10.5	54.3	49.0
Mountain	14,310	12,692	14,891	89,208	92,951	-4.0	73.9	76.2
Arizona	3,009	2,703	2,762	16,808	15,631	7.5	50.2	48.5
Colorado	2,446	2,394	2,475	14,613	14,916	-2.0	92.5	94.3
Idaho	---	---	---	---	---	---	---	---
Montana	450	380	837	5,544	7,784	-28.8	56.5	67.0
Nevada	1,236	807	1,375	7,020	8,098	-13.3	78.3	80.2
New Mexico	1,889	1,868	2,046	11,562	11,618	-5	89.0	91.1
Utah	2,456	2,242	2,441	15,150	15,220	-5	95.1	95.1
Wyoming	2,824	2,297	2,957	18,510	19,685	-6.0	98.2	98.4
Pacific Contiguous	225	215	531	5,212	5,800	-10.1	4.1	4.8
California	---	---	---	---	---	---	---	---
Oregon	29	73	138	1,389	1,575	-11.8	6.2	7.4
Washington	196	142	393	3,823	4,225	-9.5	8.9	9.5
Pacific Noncontiguous	21	15	11	152	135	12.6	2.9	2.4
Alaska	21	15	11	152	135	12.6	6.7	6.7
Hawaii	---	---	---	---	---	---	---	---
U.S. Total	137,464	120,878	129,607	783,382	760,020	3.1	56.4	56.1

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

Notes: *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 8. Electric Utility Net Generation from Petroleum by Census Division and State
(Million Kilowatthours)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date				
				Petroleum Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	1,031	883	1,533	7,359	12,629	-41.7	17.3	28.3
Connecticut	201	62	295	1,548	3,231	-52.1	10.1	23.8
Maine	29	5	52	211	966	-78.1	4.4	25.3
Massachusetts	733	789	1,104	5,278	7,669	-31.2	41.0	44.7
New Hampshire	66	23	81	298	700	-57.5	4.2	9.0
Rhode Island	1	4	1	23	62	-63.7	79.7	73.3
Vermont	*	*	*	1	1	14.6	*	.1
Middle Atlantic	1,087	673	1,590	9,156	12,096	-24.3	6.0	7.9
New Jersey	47	19	56	304	419	-27.4	1.9	3.1
New York	733	495	1,400	7,280	10,754	-32.3	14.0	19.3
Pennsylvania	308	160	134	1,572	923	70.3	1.8	1.1
East North Central	144	108	101	816	737	10.7	.3	.3
Illinois	35	19	42	280	183	53.0	.4	.3
Indiana	16	16	11	97	166	-41.9	.2	.4
Michigan	58	38	22	253	264	-4.3	.5	.6
Ohio	25	30	19	136	94	44.5	.2	.1
Wisconsin	9	5	8	50	29	74.3	.2	.1
West North Central	116	94	86	564	386	46.0	.5	.4
Iowa	2	3	3	14	15	-8.1	.1	.1
Kansas	4	5	6	31	17	85.8	.2	.1
Minnesota	48	17	66	282	298	-5.2	1.4	1.6
Missouri	57	61	6	201	38	431.1	.7	.1
Nebraska	1	2	1	9	4	135.8	.1	*
North Dakota	3	4	2	19	11	77.5	.1	.1
South Dakota	1	2	1	7	4	86.1	.3	.1
South Atlantic	4,217	2,584	3,487	16,783	15,793	6.3	6.2	6.0
Delaware	145	124	126	903	1,018	-11.3	25.4	33.6
District of Columbia	17	-1	6	19	21	-11.0	100.0	100.0
Florida	3,632	2,286	3,174	13,541	11,951	13.3	21.5	18.7
Georgia	30	10	29	69	57	21.0	.2	.1
Maryland	257	125	113	1,456	1,533	-5.0	7.5	8.0
North Carolina	16	11	11	83	63	32.3	.2	.2
South Carolina	5	4	4	39	23	66.2	.1	.1
Virginia	101	4	10	566	1,032	-45.2	2.3	4.4
West Virginia	15	21	14	107	94	14.2	.3	.3
East South Central	422	133	55	678	462	46.5	.5	.4
Alabama	5	4	6	37	44	-15.8	.1	.1
Kentucky	7	9	9	43	41	4.8	.1	.1
Mississippi	403	113	25	532	317	67.4	5.2	3.3
Tennessee	7	7	15	67	61	10.0	.2	.2
West South Central	235	230	20	1,164	132	783.0	.6	.1
Arkansas	3	5	4	28	27	3.1	.1	.2
Louisiana	213	216	2	1,049	19	5445.5	4.0	.1
Oklahoma	1	2	1	6	7	-15.0	*	*
Texas	18	8	12	81	79	2.5	.1	.1
Mountain	29	24	31	324	225	44.1	.3	.2
Arizona	3	7	6	44	41	6.5	.1	.1
Colorado	*	1	4	4	13	-69.2	*	.1
Idaho	---	*	---	*	*	NM	*	*
Montana	6	3	2	12	7	58.3	.1	.1
Nevada	2	3	2	202	97	107.7	2.2	1.0
New Mexico	7	2	4	17	18	-8.5	.1	.1
Utah	2	3	3	16	19	-14.4	.1	.1
Wyoming	8	5	9	31	30	3.2	.2	.2
Pacific Contiguous	12	3	13	1,020	213	378.1	.8	.2
California	8	2	10	964	207	365.2	1.6	.4
Oregon	1	*	2	28	3	778.9	.1	*
Washington	3	1	2	29	3	841.2	.1	*
Pacific Noncontiguous	527	535	592	3,174	3,803	-16.5	61.0	67.8
Alaska	33	40	22	235	223	5.3	10.4	11.0
Hawaii	493	495	570	2,939	3,580	-17.9	99.8	100.0
U.S. Total	7,819	5,268	7,508	41,037	46,476	-11.7	3.0	3.4

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

NM = Calculation not meaningful.

Notes: •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 9. Electric Utility Steam Net Generation from Petroleum by Census Division and State
(Million Kilowatthours)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date				
				Petroleum (Steam)			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	1,018	874	1,523	7,267	12,498	-41.8	17.0	28.0
Connecticut	201	61	294	1,546	3,225	-52.1	10.1	23.8
Maine	29	5	52	211	965	-78.1	4.4	25.3
Massachusetts	721	781	1,095	5,193	7,547	-31.2	40.3	44.0
New Hampshire	66	23	81	297	700	-57.5	4.2	9.0
Rhode Island	*	3	--	19	59	-67.5	67.6	69.4
Vermont	*	*	*	*	*	NM	*	*
Middle Atlantic	1,072	652	1,569	9,039	12,010	-24.7	5.9	7.8
New Jersey	44	10	51	265	399	-33.7	1.6	2.9
New York	723	483	1,387	7,223	10,701	-32.5	13.8	19.2
Pennsylvania	306	158	130	1,551	910	70.4	1.8	1.1
East North Central	140	101	98	797	729	9.3	.3	.3
Illinois	34	19	41	277	180	53.8	.4	.3
Indiana	16	16	11	94	166	-43.3	.2	.4
Michigan	57	36	21	250	262	-4.7	.5	.6
Ohio	24	26	18	127	92	38.7	.2	.1
Wisconsin	8	5	7	49	29	67.8	.2	.1
West North Central	111	89	81	551	372	48.2	.5	.4
Iowa	1	2	2	13	14	-1.4	.1	.1
Kansas	2	3	4	23	9	155.8	.1	.1
Minnesota	48	17	65	282	297	-5.0	1.4	1.6
Missouri	56	61	5	203	37	443.9	.7	.1
Nebraska	1	1	1	7	2	217.3	.1	*
North Dakota	3	4	2	19	11	79.5	.1	.1
South Dakota	*	*	1	4	2	86.7	.1	.1
South Atlantic	4,137	2,566	3,390	16,463	15,536	6.0	6.1	5.9
Delaware	145	123	125	895	1,014	-11.7	25.2	33.5
District of Columbia	17	*	4	20	11	84.9	103.8	49.9
Florida	3,576	2,276	3,092	13,341	11,780	13.3	21.2	18.5
Georgia	21	9	28	51	56	-7.4	.1	.1
Maryland	253	122	106	1,411	1,516	-6.9	7.2	8.0
North Carolina	10	10	9	67	58	14.2	.2	.2
South Carolina	2	3	3	20	20	2.4	.1	.1
Virginia	99	3	9	550	988	-44.3	2.2	4.2
West Virginia	15	21	14	107	94	14.3	.3	.3
East South Central	409	132	53	645	431	49.6	.5	.3
Alabama	5	4	5	36	35	4.3	.1	.1
Kentucky	7	9	9	42	41	3.8	.1	.1
Mississippi	393	113	25	522	317	64.5	5.1	3.3
Tennessee	4	6	14	44	38	15.6	.1	.1
West South Central	233	230	19	1,159	125	825.8	.6	.1
Arkansas	2	5	4	26	27	-1.6	.1	.2
Louisiana	213	216	3	1,050	20	5070.4	4.0	.1
Oklahoma	1	2	1	5	6	-18.1	*	*
Texas	17	7	11	78	72	7.9	.1	.1
Mountain	29	24	30	320	220	45.2	.3	.2
Arizona	4	7	6	42	40	5.7	.1	.1
Colorado	*	1	4	4	11	-61.0	*	.1
Idaho	--	--	--	--	--	--	--	--
Montana	6	3	2	11	7	57.6	.1	.1
Nevada	2	3	2	200	97	105.8	2.2	1.0
New Mexico	7	2	4	17	18	-8.2	.1	.1
Utah	2	3	3	14	17	-15.6	.1	.1
Wyoming	8	5	9	31	30	3.2	.2	.2
Pacific Contiguous	5	1	10	945	186	406.7	.7	.2
California	1	*	7	938	181	419.2	1.5	.3
Oregon	1	*	2	2	3	-35.8	*	*
Washington	3	1	1	5	3	66.3	*	*
Pacific Noncontiguous	400	407	476	2,405	3,064	-21.5	46.2	54.6
Alaska	*	*	--	*	1	NM	*	*
Hawaii	400	407	476	2,405	3,063	-21.5	81.7	85.6
U.S. Total	7,554	5,077	7,247	39,591	45,172	-12.4	2.9	3.3

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

NM = Calculation not meaningful.

Notes: •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, and kerosene.

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

Table 10. Electric Utility GT/IC Net Generation from Petroleum by Census Division and State
(Million Kilowatthours)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date				
				Petroleum (GT/IC)			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	13	9	10	91	132	-30.6	0.2	0.3
Connecticut	*	*	*	2	6	-69.1	*	*
Maine	*	*	*	*	*	NM	*	*
Massachusetts	12	8	9	85	122	-30.5	.7	.7
New Hampshire	*	*	*	*	*	NM	*	*
Rhode Island	1	1	1	3	3	4.0	12.1	3.9
Vermont	*	*	*	1	1	12.1	*	*
Middle Atlantic	15	22	21	117	85	37.5	.1	.1
New Jersey	2	10	4	39	19	101.0	.2	.1
New York	10	11	13	57	53	9.1	.1	.1
Pennsylvania	2	1	3	21	13	57.4	*	*
East North Central	3	7	3	19	8	140.2	*	*
Illinois	1	*	1	3	3	-4.8	*	*
Indiana	1	1	*	3	*	NM	*	*
Michigan	1	2	1	3	2	33.1	*	*
Ohio	1	4	1	9	3	251.2	*	*
Wisconsin	*	*	1	2	*	NM	*	*
West North Central	5	5	5	12	14	-11.8	*	*
Iowa	*	*	1	1	2	-63.6	*	*
Kansas	2	2	2	8	8	6.1	.1	.1
Minnesota	*	*	*	*	1	NM	*	*
Missouri	1	*	1	-1	1	NM	*	*
Nebraska	*	*	*	2	2	26.6	*	*
North Dakota	*	*	*	*	*	NM	*	*
South Dakota	*	2	1	3	2	85.3	.1	*
South Atlantic	80	17	97	320	257	24.5	.1	.1
Delaware	1	1	1	8	4	93.9	.2	.1
District of Columbia	*	*	2	-1	11	NM	-3.8	50.1
Florida	55	10	82	200	171	16.7	.3	.3
Georgia	9	1	1	18	2	879.4	*	*
Maryland	4	3	7	45	16	171.5	.2	.1
North Carolina	6	1	3	17	5	264.4	*	*
South Carolina	4	1	1	19	3	431.1	*	*
Virginia	2	1	1	15	45	-65.8	.1	.2
West Virginia	*	--	*	*	*	NM	*	*
East South Central	13	1	2	33	32	4.8	*	*
Alabama	*	*	1	*	9	NM	*	*
Kentucky	*	*	*	1	*	NM	*	*
Mississippi	1	*	*	9	*	NM	.1	*
Tennessee	3	1	1	23	23	.5	.1	.1
West South Central	1	1	1	5	7	-18.2	*	*
Arkansas	1	*	*	1	*	NM	*	*
Louisiana	*	*	*	*	-1	NM	*	*
Oklahoma	*	*	*	1	*	NM	*	*
Texas	1	1	1	4	7	-49.9	*	*
Mountain	*	*	1	5	5	-4.9	*	*
Arizona	*	*	*	1	1	48.8	*	*
Colorado	*	*	*	*	2	NM	*	*
Idaho	--	*	--	*	*	NM	*	*
Montana	*	*	*	*	*	NM	*	*
Nevada	*	*	1	2	*	NM	*	*
New Mexico	*	*	*	*	*	NM	*	*
Utah	*	*	*	2	2	-2	*	*
Wyoming	--	--	*	--	*	NM	--	*
Pacific Contiguous	7	2	3	75	27	180.0	.1	*
California	7	2	3	25	26	-4.5	*	*
Oregon	*	--	--	26	*	NM	.1	*
Washington	*	*	*	24	*	NM	.1	*
Pacific Noncontiguous	126	127	116	769	739	4.1	14.8	13.2
Alaska	33	40	22	234	222	5.4	10.4	11.0
Hawaii	93	88	94	534	516	3.5	18.1	14.4
U.S. Total	265	191	260	1,447	1,304	10.9	.1	.1

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

NM = Calculation not meaningful.

Notes: •GT/IC=Gas Turbine/Internal Combustion. •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, and kerosene.

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

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

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date				
				Gas Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	277	271	585	1,269	1,535	-17.4	3.0	3.4
Connecticut	*	*	29	9	129	-93.1	.1	.9
Maine	--	--	--	--	--	--	--	--
Massachusetts	261	262	537	1,234	1,352	-8.7	9.6	7.9
New Hampshire	3	8	--	11	--	--	.2	--
Rhode Island	6	--	7	6	23	-74.6	20.3	26.7
Vermont	7	1	12	9	32	-72.5	.3	1.5
Middle Atlantic	2,286	1,250	2,595	8,668	11,124	-22.1	5.7	7.2
New Jersey	366	97	290	746	1,081	-31.0	4.6	7.9
New York	1,843	1,135	2,276	7,497	9,950	-24.7	14.4	17.8
Pennsylvania	76	18	30	425	93	356.9	.5	.1
East North Central	211	105	238	1,028	1,949	-47.2	.4	.8
Illinois	77	30	81	258	553	-53.4	.4	.9
Indiana	24	27	72	242	458	-47.1	.5	1.0
Michigan	79	23	55	312	693	-55.0	.7	1.6
Ohio	9	10	12	108	140	-22.8	.2	.2
Wisconsin	22	15	19	108	106	2.4	.5	.5
West North Central	213	109	182	676	831	-18.6	.6	.8
Iowa	13	16	14	81	65	25.5	.5	.5
Kansas	156	57	105	423	431	-1.8	2.6	2.9
Minnesota	19	21	40	78	209	-62.6	.4	1.1
Missouri	16	4	11	42	63	-33.4	.2	.2
Nebraska	10	11	11	52	64	-18.2	.5	.6
North Dakota	*	*	*	*	*	NM	*	*
South Dakota	*	*	*	*	-1	NM	*	*
South Atlantic	2,332	1,821	2,315	9,724	11,011	-11.7	3.6	4.2
Delaware	112	23	61	229	247	-7.3	6.4	8.1
District of Columbia	--	--	--	--	--	--	--	--
Florida	1,968	1,744	1,998	8,258	9,585	-13.8	13.1	15.0
Georgia	29	6	6	45	14	232.0	.1	*
Maryland	44	20	93	160	296	-46.1	.8	1.6
North Carolina	27	7	29	79	110	-27.5	.2	.3
South Carolina	19	2	17	31	100	-69.1	.1	.3
Virginia	131	19	108	916	649	41.2	3.7	2.7
West Virginia	1	*	5	7	12	-43.6	*	*
East South Central	354	233	445	1,006	2,621	-61.6	.8	2.1
Alabama	36	27	34	150	178	-16.0	.3	.4
Kentucky	2	2	3	9	11	-18.3	*	*
Mississippi	307	202	405	830	2,413	-65.6	8.1	24.8
Tennessee	9	2	4	18	19	-6.2	*	.1
West South Central	14,938	9,689	13,998	59,601	62,890	-5.2	33.0	35.1
Arkansas	142	21	388	266	1,589	-83.3	1.4	9.2
Louisiana	2,616	1,332	2,869	8,290	12,233	-32.2	32.0	45.5
Oklahoma	1,385	1,051	1,432	6,434	7,405	-13.1	28.6	34.7
Texas	10,795	7,286	9,309	44,611	41,663	7.1	39.3	36.6
Mountain	634	612	792	3,319	3,744	-11.4	2.7	3.1
Arizona	142	158	260	707	1,270	-44.4	2.1	3.9
Colorado	31	21	24	177	145	22.2	1.1	.9
Idaho	--	--	--	--	--	--	--	--
Montana	1	2	3	7	8	-14.5	.1	.1
Nevada	170	204	278	878	1,029	-14.7	9.8	10.2
New Mexico	252	185	180	1,248	975	28.0	9.6	7.6
Utah	35	41	45	296	313	-5.3	1.9	2.0
Wyoming	1	1	1	6	4	34.8	*	*
Pacific Contiguous	2,983	1,561	3,673	20,568	24,916	-17.4	16.1	20.6
California	2,982	1,561	3,527	19,649	24,288	-19.1	31.7	43.9
Oregon	1	--	55	525	494	6.3	2.3	2.3
Washington	*	*	91	394	134	193.2	.9	.3
Pacific Noncontiguous	164	192	173	1,289	1,227	5.1	24.8	21.9
Alaska	164	192	173	1,289	1,227	5.1	57.0	60.5
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	24,391	15,843	24,997	107,149	121,849	-12.1	7.7	9.0

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

NM = Calculation not meaningful.

Notes: •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 12. Electric Utility Steam Net Generation from Gas by Census Division and State
(Million Kilowatthours)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date				
				Gas (Steam)			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	244	244	508	1,177	1,386	-15.1	2.8	3.1
Connecticut	..	..	29	9	129	-93.1	.1	.9
Maine	..	..	..	..	..	..	..	..
Massachusetts	229	235	460	1,142	1,202	-5.0	8.9	7.0
New Hampshire	3	8	..	11	..	NM	.2	..
Rhode Island	6	..	7	6	23	-74.6	20.3	26.7
Vermont	7	1	12	9	32	-72.5	.3	1.5
Middle Atlantic	2,182	1,199	2,520	8,414	10,844	-22.4	5.5	7.1
New Jersey	282	74	250	574	907	-36.7	3.6	6.6
New York	1,824	1,108	2,242	7,424	9,854	-24.7	14.2	17.7
Pennsylvania	75	17	28	415	84	394.9	.5	.1
East North Central	198	94	212	921	1,774	-48.1	.4	.7
Illinois	76	30	80	251	545	-53.9	.4	.9
Indiana	20	25	70	229	449	-49.1	.5	1.0
Michigan	78	22	36	256	556	-54.0	.6	1.3
Ohio	3	3	9	85	124	-31.9	.1	.2
Wisconsin	21	14	17	101	99	1.9	.4	.4
West North Central	176	94	145	567	706	-19.7	.5	.7
Iowa	10	15	10	74	53	41.0	.5	.4
Kansas	133	46	85	347	356	-2.7	2.2	2.4
Minnesota	19	21	33	77	195	-60.5	.4	1.0
Missouri	7	3	7	28	49	-43.4	.1	.2
Nebraska	8	9	9	41	54	-22.9	.4	.5
North Dakota	..	..	..	..	..	NM	..	..
South Dakota	..	..	..	..	-1	NM	..	..
South Atlantic	1,919	1,687	2,036	7,980	9,930	-19.6	3.0	3.8
Delaware	24	9	47	82	184	-55.6	2.3	6.1
District of Columbia	..	..	..	..	..	..	..	..
Florida	1,837	1,659	1,888	7,711	9,249	-16.6	12.2	14.5
Georgia	27	6	5	40	12	218.9	.1	..
Maryland	20	11	70	108	253	-57.3	.6	1.3
North Carolina	7	1	9	18	29	-37.2	..	.1
South Carolina	1	1	12	10	96	-89.1	..	.3
Virginia	2	..	..	4	94	-95.3	..	..
West Virginia	1	..	5	7	12	-43.6	..	..
East South Central	290	190	371	702	2,258	-68.9	.5	1.8
Alabama	31	26	26	138	155	-10.7	.3	.4
Kentucky	2	1	3	9	11	-20.7	..	..
Mississippi	257	162	342	555	2,092	-73.5	5.4	21.5
Tennessee	..	..	..	..	..	NM	..	..
West South Central	14,513	9,283	13,507	56,829	59,698	-4.8	31.4	33.3
Arkansas	142	21	388	266	1,589	-83.3	1.4	9.2
Louisiana	2,570	1,278	2,828	7,937	11,942	-33.5	30.6	44.4
Oklahoma	1,185	860	1,223	5,199	5,813	-10.6	23.1	27.3
Texas	10,617	7,124	9,068	43,427	40,354	7.6	38.3	35.5
Mountain	522	511	682	2,732	3,238	-15.6	2.3	2.7
Arizona	63	102	175	323	860	-62.4	1.0	2.7
Colorado	29	20	24	150	143	5.1	1.0	.9
Idaho	..	..	..	..	..	..	..	..
Montana	1	2	3	5	7	-17.9	.1	.1
Nevada	155	174	265	798	1,008	-20.8	8.9	10.0
New Mexico	247	185	179	1,233	968	27.4	9.5	7.6
Utah	25	26	35	215	248	-13.2	1.3	1.5
Wyoming	1	1	1	6	4	34.8	..	..
Pacific Contiguous	2,887	1,550	3,427	19,284	23,643	-18.4	15.1	19.5
California	2,887	1,550	3,427	19,283	23,642	-18.4	31.1	42.8
Oregon	..	..	..	..	..	NM	..	..
Washington	..	..	..	..	1	NM	..	..
Pacific Noncontiguous	15	40	13	252	217	15.8	4.8	3.9
Alaska	15	40	13	252	217	15.8	11.1	10.7
Hawaii	..	..	..	..	..	..	..	..
U.S. Total	22,947	14,892	23,420	98,857	113,695	-13.1	7.1	8.4

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

NM = Calculation not meaningful.

Notes: •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 GT/IC Net Generation from Gas by Census Division and State
(Million Kilowatthours)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date				
				Gas (GT/IC)			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	32	27	77	92	150	-38.5	0.2	0.3
Connecticut	--	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--	--
Massachusetts	32	27	77	92	150	-38.5	.7	.9
New Hampshire	--	--	--	--	--	NM	--	--
Rhode Island	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--
Middle Atlantic	104	51	76	254	280	-9.1	.2	.2
New Jersey	84	23	40	171	174	-1.7	1.1	1.3
New York	19	27	34	73	96	-24.2	.1	.2
Pennsylvania	1	1	2	10	9	8.2	*	*
East North Central	14	12	26	107	175	-39.0	*	.1
Illinois	1	*	1	6	8	-16.6	*	*
Indiana	5	2	2	13	8	60.7	*	*
Michigan	1	1	19	56	137	-58.8	.1	.3
Ohio	6	7	3	24	16	47.4	*	*
Wisconsin	1	2	1	7	7	9.3	*	*
West North Central	37	15	38	109	125	-12.4	.1	.1
Iowa	3	2	4	7	12	-41.3	*	.1
Kansas	23	11	21	76	74	2.2	.5	.5
Minnesota	1	*	7	1	14	-92.3	*	.1
Missouri	9	*	4	14	14	1.3	.1	.1
Nebraska	2	2	2	11	10	6.8	.1	.1
North Dakota	*	*	*	*	*	NM	*	*
South Dakota	*	*	*	*	*	NM	*	*
South Atlantic	413	134	280	1,744	1,082	61.2	.6	.4
Delaware	88	14	14	147	62	135.4	4.1	2.1
District of Columbia	--	--	--	--	--	--	--	--
Florida	130	85	110	547	336	63.0	.9	.5
Georgia	2	*	*	6	1	362.2	*	*
Maryland	24	9	23	52	43	19.9	.3	.2
North Carolina	21	6	20	61	81	-24.1	.1	.2
South Carolina	18	1	5	21	5	342.2	.1	*
Virginia	129	19	107	911	554	64.5	3.7	2.3
West Virginia	--	--	--	--	--	--	--	--
East South Central	63	43	74	305	363	-16.0	.2	.3
Alabama	5	1	8	11	23	-51.0	*	.1
Kentucky	*	*	*	*	*	NM	*	*
Mississippi	50	40	62	275	321	-14.2	2.7	3.3
Tennessee	9	2	4	18	19	-6.2	*	.1
West South Central	424	406	491	2,772	3,192	-13.2	1.5	1.8
Arkansas	--	--	--	--	--	NM	--	--
Louisiana	47	53	41	353	292	21.2	1.4	1.1
Oklahoma	200	191	209	1,235	1,592	-22.4	5.5	7.5
Texas	178	162	241	1,183	1,309	-9.6	1.0	1.2
Mountain	112	101	110	587	506	16.1	.5	.4
Arizona	79	56	85	383	410	-6.5	1.1	1.3
Colorado	2	*	*	27	2	1287.2	.2	*
Idaho	--	--	--	--	--	--	--	--
Montana	*	*	*	2	2	-1.7	*	*
Nevada	15	29	13	79	20	289.8	.9	.2
New Mexico	5	*	1	15	7	110.6	.1	.1
Utah	10	15	10	81	65	25.0	.5	.4
Wyoming	--	--	--	--	--	--	--	--
Pacific Contiguous	96	11	245	1,285	1,273	.9	1.0	1.1
California	95	11	100	366	646	-43.4	.6	1.2
Oregon	1	--	55	525	494	6.3	2.3	2.3
Washington	--	--	91	394	133	195.4	.9	.3
Pacific Noncontiguous	148	152	159	1,037	1,009	2.8	19.9	18.0
Alaska	148	152	159	1,037	1,009	2.8	45.9	49.8
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	1,444	951	1,577	8,292	8,155	1.7	.6	.6

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

NM = Calculation not meaningful.

Notes: •GT/IC=Gas Turbine/Internal Combustion. •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 14. Electric Utility Hydroelectric Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date				
				Hydroelectric Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	312	427	275	2,270	2,418	-6.1	5.3	5.4
Connecticut	12	32	30	231	200	15.4	1.5	1.5
Maine	158	202	132	905	985	-8.1	19.0	25.8
Massachusetts	-10	*	-1	55	154	-64.5	.4	.9
New Hampshire	83	97	57	593	586	1.2	8.4	7.5
Rhode Island	--	--	--	--	--	--	--	--
Vermont	69	97	56	487	493	-1.4	18.6	22.9
Middle Atlantic	2,211	2,549	2,000	14,908	13,001	14.7	9.7	8.5
New Jersey	-10	-11	-10	-48	-52	NM	-.3	-.4
New York	2,204	2,436	1,934	14,053	12,306	14.2	26.9	22.1
Pennsylvania	17	124	76	903	746	21.1	1.1	.9
East North Central	447	458	242	2,134	2,082	2.5	.9	.9
Illinois	3	3	4	20	25	-19.4	*	*
Indiana	46	45	45	230	278	-17.1	.5	.6
Michigan	118	141	58	565	484	16.8	1.2	1.1
Ohio	18	21	15	92	124	-25.6	.1	.2
Wisconsin	263	247	121	1,226	1,172	4.6	5.3	5.2
West North Central	881	874	982	4,956	4,902	1.1	4.6	4.8
Iowa	50	50	81	381	481	-20.7	2.4	3.4
Kansas	--	--	--	--	--	--	--	--
Minnesota	92	88	58	415	425	-2.4	2.1	2.2
Missouri	256	302	122	1,716	510	236.3	6.2	2.0
Nebraska	84	82	110	455	548	-16.9	4.2	5.0
North Dakota	138	133	164	700	929	-24.7	5.1	6.6
South Dakota	261	219	447	1,288	2,008	-35.8	48.7	60.3
South Atlantic	767	1,410	1,429	11,349	7,997	41.9	4.2	3.1
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	13	18	14	114	123	-7.4	.2	.2
Georgia	268	433	348	3,335	2,159	54.5	7.4	5.1
Maryland	62	179	115	1,082	1,014	6.7	5.6	5.3
North Carolina	306	435	538	3,667	2,754	33.2	8.8	7.3
South Carolina	101	246	288	2,239	1,291	73.4	6.0	3.6
Virginia	-7	60	91	668	385	73.4	2.7	1.6
West Virginia	23	39	35	244	271	-10.0	.7	.7
East South Central	1,224	1,545	1,840	13,026	10,937	19.1	9.9	8.7
Alabama	456	732	684	6,309	4,905	28.6	14.6	11.5
Kentucky	241	266	352	1,768	1,796	-1.6	4.3	4.9
Mississippi	--	--	--	--	--	--	--	--
Tennessee	527	547	804	4,949	4,236	16.8	13.3	11.5
West South Central	901	965	1,018	6,178	4,955	24.7	3.4	2.8
Arkansas	316	349	311	2,453	1,688	45.3	12.9	9.7
Louisiana	--	--	--	--	--	--	--	--
Oklahoma	425	402	393	2,568	1,367	87.8	11.4	6.4
Texas	160	213	314	1,156	1,899	-39.1	1.0	1.7
Mountain	3,543	3,492	2,658	15,274	13,255	15.2	12.7	10.9
Arizona	622	708	676	3,391	3,623	-6.4	10.1	11.2
Colorado	273	230	171	1,007	744	35.2	6.4	4.7
Idaho	1,222	1,259	620	4,902	3,459	41.7	100.0	100.0
Montana	949	788	781	4,215	3,781	11.5	42.9	32.5
Nevada	209	271	230	869	870	-.2	9.7	8.6
New Mexico	31	41	39	162	148	9.4	1.2	1.2
Utah	131	113	50	427	346	23.2	2.7	2.2
Wyoming	105	82	91	301	283	6.1	1.6	1.4
Pacific Contiguous	16,199	17,500	12,178	78,218	65,483	19.4	61.3	54.1
California	4,788	4,682	2,144	21,587	9,947	117.0	34.8	18.0
Oregon	3,906	4,313	2,907	20,523	17,652	16.3	91.4	82.9
Washington	7,504	8,505	7,127	36,108	37,883	-4.7	83.8	85.1
Pacific Noncontiguous	122	104	76	589	442	33.2	11.3	7.9
Alaska	122	102	76	584	441	32.3	25.8	21.8
Hawaii	*	1	*	5	1	440.1	.2	*
U.S. Total	26,606	29,323	22,698	148,901	125,471	18.7	10.7	9.3

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

NM = Calculation not meaningful.

Notes: •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Pumping energy used at pumped storage plants for June 1993 was 2,060 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 15. Electric Utility Nuclear-Powered Net Generation by Census Division and State
(Million Kilowatthours)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date				
				Nuclear Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	4,002	3,858	3,573	24,320	19,619	24.0	57.0	44.0
Connecticut	1,831	2,073	1,539	12,164	8,609	41.3	79.6	63.5
Maine	610	641	385	3,640	1,868	94.8	76.5	48.9
Massachusetts	374	--	472	1,748	2,562	-31.8	13.6	14.9
New Hampshire	831	767	823	4,685	5,007	-6.4	66.2	64.2
Rhode Island	--	--	--	--	--	--	--	--
Vermont	356	376	354	2,082	1,572	32.5	79.4	72.9
Middle Atlantic	10,009	9,992	7,204	56,979	49,284	15.6	37.2	32.1
New Jersey	1,614	1,841	1,368	11,993	9,419	27.3	74.7	69.1
New York	2,751	2,380	981	12,751	9,985	27.7	24.4	17.9
Pennsylvania	5,645	5,771	4,856	32,234	29,881	7.9	37.9	35.5
East North Central	12,171	11,731	9,736	64,615	55,766	15.9	25.8	23.4
Illinois	7,703	7,498	6,172	40,035	32,944	21.5	59.6	54.4
Indiana	--	--	--	--	--	--	--	--
Michigan	2,160	2,622	1,614	15,789	11,321	39.5	34.1	26.7
Ohio	1,362	573	962	3,533	6,202	-43.0	5.5	9.4
Wisconsin	947	1,038	987	5,258	5,298	-.8	22.7	23.3
West North Central	3,345	3,041	3,987	18,492	18,158	1.8	17.3	17.8
Iowa	303	348	368	2,045	1,343	52.3	12.6	9.4
Kansas	817	357	823	2,873	3,496	-17.8	17.8	23.7
Minnesota	1,128	1,169	1,110	5,708	6,266	-8.9	29.2	32.8
Missouri	818	855	821	4,972	3,076	61.6	17.9	12.1
Nebraska	279	312	865	2,894	3,977	-27.2	26.8	36.6
North Dakota	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--
South Atlantic	13,401	12,226	11,891	72,547	76,989	-5.8	26.9	29.4
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	2,053	1,504	1,531	10,874	13,104	-17.0	17.3	20.5
Georgia	2,562	2,248	2,581	12,695	13,662	-7.1	28.0	32.3
Maryland	700	641	464	4,874	4,802	1.5	25.0	25.2
North Carolina	2,106	1,561	1,001	11,213	11,353	-1.2	26.8	30.0
South Carolina	3,672	3,932	3,941	22,330	24,065	-7.2	60.0	66.5
Virginia	2,307	2,340	2,373	10,560	10,003	5.6	43.0	42.3
West Virginia	--	--	--	--	--	--	--	--
East South Central	2,553	2,038	3,862	15,228	19,262	-20.9	11.6	15.3
Alabama	1,726	1,182	1,875	7,608	9,767	-22.1	17.6	22.8
Kentucky	--	--	--	--	--	--	--	--
Mississippi	836	863	421	5,127	3,096	65.6	49.7	31.9
Tennessee	-9	-8	1,566	2,492	6,398	-61.0	6.7	17.4
West South Central	2,827	2,608	4,370	19,885	24,241	-18.0	11.0	13.5
Arkansas	1,224	919	1,206	7,018	4,811	45.9	37.0	27.8
Louisiana	919	786	761	7,013	5,232	34.0	27.1	19.5
Oklahoma	--	--	--	--	--	--	--	--
Texas	684	903	7,403	5,853	14,198	-58.8	5.2	12.5
Mountain	1,791	1,766	2,659	12,506	11,651	7.3	10.4	9.6
Arizona	1,791	1,766	2,659	12,506	11,651	7.3	37.4	36.2
Colorado	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--
Pacific Contiguous	2,521	3,107	3,902	18,616	20,598	-9.6	14.6	17.0
California	2,384	3,117	3,365	16,077	16,897	-4.9	25.9	30.6
Oregon	--	-3	544	-21	1,578	NM	-1	7.4
Washington	137	-7	-6	2,560	2,123	20.6	5.9	4.8
Pacific Noncontiguous	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	52,620	50,367	51,185	303,187	295,568	2.6	21.8	21.8

¹ Data for 1993 are preliminary

² Data for 1992 are final

NM - Calculation not meaningful

Notes: *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 16. Electric Utility Net Generation from Other Energy Sources by Census Division and State
(Million Kilowatthours)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date				
				Other Generation			Share of Total (Percent)	
				1993 ¹	1992 ²	Difference (Percent)	1993 ¹	1992 ²
New England	39	46	41	250	270	-7.3	0.6	0.6
Connecticut	37	42	34	208	214	-2.8	1.4	1.6
Maine	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--
Vermont	2	5	7	42	56	-24.8	1.6	2.6
Middle Atlantic	1	1	--	3	--	--	*	--
New Jersey	--	--	--	--	--	--	*	--
New York	1	1	--	3	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--	--
East North Central	17	15	40	154	212	-27.4	.1	.1
Illinois	--	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--	--
Michigan	--	--	--	--	--	--	--	--
Ohio	--	--	29	64	146	-56.2	.1	.2
Wisconsin	17	15	11	90	65	36.8	.4	.3
West North Central	45	35	37	215	209	2.7	.2	.2
Iowa	2	1	1	9	6	65.4	.1	*
Kansas	*	*	*	*	*	NM	*	*
Minnesota	40	34	36	203	204	-.2	1.0	1.1
Missouri	--	--	--	--	--	--	--	--
Nebraska	2	--	--	2	--	--	*	--
North Dakota	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--
South Atlantic	*	--	*	*	*	NM	*	*
Delaware	--	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	--	--
Georgia	--	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--
Virginia	*	--	*	*	*	NM	*	*
West Virginia	--	--	--	--	--	--	--	--
East South Central	--	--	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--	--
West South Central	24	26	22	144	140	3.4	.1	.1
Arkansas	--	--	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	--	--
Oklahoma	--	--	--	--	--	--	--	--
Texas	24	26	22	144	140	3.4	.1	.1
Mountain	21	22	21	86	136	-36.7	.1	.1
Arizona	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--
Montana	5	5	5	36	36	1.7	.4	.3
Nevada	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--
Utah	16	17	17	50	101	-50.3	.3	.6
Wyoming	--	--	--	--	--	--	--	--
Pacific Contiguous	577	572	684	3,895	4,079	-4.5	3.1	3.4
California	570	565	660	3,717	3,955	-6.0	6.0	7.2
Oregon	--	--	--	11	--	--	*	--
Washington	7	6	24	168	124	35.1	.4	.3
Pacific Noncontiguous	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	725	716	846	4,748	5,046	-5.9	.3	.4

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

NM = Calculation not meaningful.

Notes: •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. •Nonutility sources are not included. •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 17. U.S. Electric Utility Consumption of Fossil Fuels, 1983 Through June 1993

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		
1983	1,036	570,108	54,067	625,211	16,512	228,984	245,497	261	2,910,767
1984	1,070	606,339	56,990	664,399	15,190	189,289	204,479	252	3,111,342
1985	1,033	631,885	60,923	693,841	14,635	158,779	173,414	231	3,044,083
1986	829	616,134	68,093	685,056	14,326	216,156	230,482	313	2,602,370
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	405	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 ³									
January	80	60,881	7,304	68,264	1,103	15,811	16,915	71	169,125
February	80	53,687	6,415	60,183	806	12,730	13,536	76	170,293
March	93	56,243	6,368	62,705	843	13,492	14,336	83	207,656
April	73	53,314	5,407	58,794	811	9,929	10,740	66	229,012
May	69	54,664	5,858	60,591	843	7,910	8,752	50	236,316
June	84	57,179	6,859	64,122	1,077	11,372	12,449	66	265,882
July	90	66,318	7,407	73,815	1,428	12,939	14,367	72	333,567
August	84	62,937	7,616	70,637	1,011	10,607	11,619	115	302,544
September	83	58,899	6,985	65,967	849	10,456	11,305	98	273,670
October	85	56,366	6,356	62,806	792	10,454	11,246	103	212,640
November	74	56,186	6,352	62,612	1,004	10,330	11,333	93	189,296
December	93	61,951	7,321	69,365	989	9,749	10,737	105	175,608
1992 Total	986	698,626	80,248	779,860	11,556	135,779	147,335	999	2,765,608
1993 ⁴									
January	79	61,793	7,617	69,490	1,011	10,804	11,815	92	164,400
February	88	57,682	6,431	64,201	934	10,591	11,525	81	161,778
March	101	60,969	6,002	67,073	1,277	12,784	14,062	87	193,795
April	84	53,722	5,757	59,563	819	7,629	8,448	79	173,709
May	81	53,450	6,570	60,102	867	7,722	8,590	86	167,146
June	80	61,085	6,948	68,113	1,113	11,756	12,870	98	254,601
Year to Date									
1993 ⁴	513	348,702	39,326	388,542	6,022	61,287	67,308	522	1,115,428
1992 ³	478	335,969	38,211	374,658	5,483	71,244	76,728	412	1,278,283

¹ Includes anthracite silt stored off-site.

² Includes subbituminous coal.

³ Data for 1992 and prior years are final.

⁴ Data for 1993 are preliminary.

Notes: *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.

The William J. Neal station is a coal-fired facility operated by Basin Electric Power Cooperative.

Table 18. Electric Utility Consumption of Coal by NERC Region and Hawaii
(Thousand Short Tons)

NERC Region and Hawaii	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	15,795	14,206	15,068	92,654	90,847	2.0
ERCOT	6,452	6,212	6,432	35,265	32,150	9.7
MAAC	3,526	2,735	3,634	19,883	20,281	-2.0
MAIN	4,722	4,047	4,211	28,662	27,544	4.1
MAPP (U.S.)	5,636	4,850	4,956	34,444	32,788	5.1
NPCC (U.S.)	1,041	863	1,256	6,954	8,107	-14.2
SERC	14,768	12,639	12,820	75,072	68,093	10.2
SPP	8,323	7,442	7,354	43,835	41,055	6.8
WSCC (U.S.)	7,830	7,086	8,381	51,625	53,660	-3.8
Contiguous U.S.	68,094	60,080	64,111	388,394	374,525	3.7
ASCC	19	21	10	148	133	10.7
Hawaii	--	--	--	--	--	--
U.S. Total	68,113	60,102	64,122	388,542	374,658	3.7

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

Notes: •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 NERC Region and Hawaii
(Thousand Barrels)

NERC Region and Hawaii	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	256	226	162	1,306	1,253	4.2
ERCOT	21	12	21	128	132	-3.6
MAAC	1,403	776	759	7,743	6,618	17.0
MAIN	171	137	207	1,174	1,238	-5.1
MAPP (U.S.)	24	26	27	141	118	19.6
NPCC (U.S.)	2,957	2,346	4,815	24,193	38,087	-36.5
SERC	6,178	3,712	5,250	23,070	21,097	9.3
SPP	842	353	81	1,634	726	125.2
WSCC (U.S.)	85	55	87	2,280	814	180.0
Contiguous U.S.	11,936	7,643	11,409	61,668	70,084	-12.0
ASCC	61	73	41	434	411	5.6
Hawaii	872	873	1,000	5,206	6,233	-16.5
U.S. Total	12,870	8,590	12,449	67,308	76,728	-12.3

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

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

Table 20. Electric Utility Consumption of Gas by NERC Region and Hawaii
(Million Cubic Feet)

NERC Region and Hawaii	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
ECAR	2,084	1,740	2,471	13,039	20,981	-37.9
ERCOT	91,715	60,856	76,826	368,210	324,538	13.5
MAAC	6,659	2,141	6,072	17,769	21,823	-18.6
MAIN	1,439	650	1,280	5,146	8,061	-36.2
MAPP (U.S.)	641	688	895	3,256	4,721	-31.0
NPCC (U.S.)	22,266	14,906	29,859	91,778	119,795	-23.4
SERC	23,612	18,182	25,370	102,916	124,365	-17.2
SPP	66,431	41,660	73,729	252,245	347,525	-27.4
WSCC (U.S.)	37,729	24,218	47,175	246,985	292,539	-15.6
Contiguous U.S.	252,574	165,040	263,678	1,101,342	1,264,349	-12.9
ASCC	2,027	2,105	2,204	14,086	13,934	1.1
Hawaii	--	--	--	--	--	--
U.S. Total	254,601	167,146	265,882	1,115,428	1,278,283	-12.7

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

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

Table 21. Electric Utility Consumption of Coal by Census Division and State
(Thousand Short Tons)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	402	335	403	2,735	3,001	-8.9
Connecticut	70	76	71	425	445	-4.4
Maine	--	--	--	--	--	--
Massachusetts	220	210	249	1,711	1,973	-13.2
New Hampshire	113	48	84	599	584	2.6
Rhode Island	--	--	--	--	--	--
Vermont	--	--	--	--	--	--
Middle Atlantic	4,186	3,468	4,552	25,218	26,968	-6.5
New Jersey	233	130	184	1,169	1,075	8.7
New York	639	528	852	4,219	5,105	-17.4
Pennsylvania	3,314	2,810	3,515	19,830	20,786	-4.6
East North Central	14,539	12,860	13,688	86,129	82,940	3.8
Illinois	2,382	1,948	1,985	13,937	13,495	3.3
Indiana	4,123	3,475	3,865	23,881	22,323	7.0
Michigan	2,522	2,263	2,357	13,737	13,529	1.5
Ohio	4,014	3,908	4,087	25,276	24,696	2.3
Wisconsin	1,498	1,267	1,393	9,297	8,897	4.5
West North Central	8,866	7,813	7,810	52,409	49,616	5.6
Iowa	1,499	1,296	1,266	8,511	7,671	11.0
Kansas	1,471	1,371	1,154	8,155	6,853	19.0
Minnesota	1,164	1,009	1,106	7,675	7,648	.4
Missouri	1,928	1,766	1,848	10,945	10,960	-.1
Nebraska	744	648	546	4,623	3,978	16.2
North Dakota	1,848	1,513	1,734	11,290	11,312	-.2
South Dakota	212	209	156	1,210	1,194	1.4
South Atlantic	12,081	10,063	10,847	62,659	59,162	5.9
Delaware	182	134	131	1,016	756	34.4
District of Columbia	--	--	--	--	--	--
Florida	2,264	2,102	2,300	12,187	11,733	3.9
Georgia	2,529	1,989	2,162	11,701	10,680	9.6
Maryland	856	759	829	4,553	4,333	5.1
North Carolina	2,186	1,695	1,859	10,359	9,094	13.9
South Carolina	994	810	837	4,925	4,200	17.3
Virginia	646	514	608	4,509	4,414	2.2
West Virginia	2,424	2,059	2,121	13,410	13,953	-3.9
East South Central	7,964	7,102	6,811	42,360	38,698	9.5
Alabama	2,453	2,117	2,366	11,964	11,434	4.6
Kentucky	2,962	2,565	2,409	16,729	15,128	10.6
Mississippi	371	303	330	1,728	1,643	5.2
Tennessee	2,178	2,117	1,706	11,939	10,493	13.8
West South Central	12,225	11,344	11,626	65,175	60,481	7.8
Arkansas	1,203	1,014	1,094	5,650	5,575	1.3
Louisiana	1,278	1,264	1,144	6,475	6,145	5.4
Oklahoma	1,546	1,223	1,279	8,188	7,484	8.4
Texas	8,197	7,843	8,109	44,862	41,276	8.7
Mountain	7,672	6,971	8,024	48,426	49,951	-3.1
Arizona	1,486	1,438	1,385	8,363	7,835	6.7
Colorado	1,311	1,274	1,321	7,834	7,910	-1.0
Idaho	--	--	--	--	--	--
Montana	316	256	528	3,594	4,880	-26.3
Nevada	597	392	702	3,719	3,908	-4.9
New Mexico	1,120	1,132	1,194	6,818	6,797	.3
Utah	1,091	998	1,057	6,672	6,592	1.2
Wyoming	1,752	1,480	1,838	11,426	12,029	-5.0
Pacific Contiguous	160	125	350	3,285	3,710	-11.5
California	--	--	--	--	--	--
Oregon	25	34	82	825	902	-8.5
Washington	135	91	268	2,460	2,808	-12.4
Pacific Noncontiguous	19	21	10	148	133	10.7
Alaska	19	21	10	148	133	10.7
Hawaii	--	--	--	--	--	--
U.S. Total	68,113	60,102	64,122	388,542	374,658	3.7

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

Notes: •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 22. Electric Utility Consumption of Petroleum by Census Division and State
(Thousand Barrels)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	1,733	1,493	2,505	12,219	20,559	-40.6
Connecticut	340	126	492	2,593	5,326	-51.3
Maine	59	14	107	426	1,665	-74.4
Massachusetts	1,215	1,298	1,760	8,601	12,213	-29.6
New Hampshire	116	44	143	534	1,207	-55.7
Rhode Island	3	11	1	61	144	-57.5
Vermont	.	.	.	4	4	9.2
Middle Atlantic	1,828	1,182	2,639	15,288	19,719	-22.5
New Jersey	89	49	136	655	814	-19.5
New York	1,224	852	2,310	11,975	17,528	-31.7
Pennsylvania	515	280	193	2,658	1,377	93.1
East North Central	374	304	314	2,136	2,150	-.7
Illinois	150	116	192	1,058	1,155	-8.4
Indiana	32	35	21	190	126	50.5
Michigan	134	87	52	569	595	-4.5
Ohio	48	60	41	265	234	13.3
Wisconsin	10	7	9	54	40	35.7
West North Central	53	59	53	327	254	28.9
Iowa	5	6	8	36	37	-5.0
Kansas	8	10	13	68	44	52.3
Minnesota	7	7	6	30	30	2.4
Missouri	22	23	16	122	98	24.8
Nebraska	2	3	2	21	10	100.0
North Dakota	6	8	5	38	23	61.3
South Dakota	2	2	3	14	11	23.8
South Atlantic	6,899	4,162	5,670	27,399	25,539	7.3
Delaware	241	203	183	1,476	1,518	-2.8
District of Columbia	49	1	20	75	93	-18.6
Florida	5,799	3,623	5,097	21,438	18,931	13.2
Georgia	60	18	57	146	117	24.0
Maryland	515	247	236	2,901	2,879	.8
North Carolina	33	20	27	178	140	26.6
South Carolina	11	8	9	95	55	73.2
Virginia	166	8	18	910	1,647	-44.7
West Virginia	25	36	23	180	159	13.7
East South Central	753	225	102	1,221	799	52.9
Alabama	10	8	12	66	74	-11.8
Kentucky	15	17	19	101	98	3.0
Mississippi	716	188	45	939	518	81.5
Tennessee	13	12	27	115	109	6.1
West South Central	211	164	37	804	253	218.0
Arkansas	5	10	8	54	51	5.3
Louisiana	177	137	5	592	38	1478.1
Oklahoma	2	3	1	11	11	-3.3
Texas	27	14	24	147	153	-3.8
Mountain	58	47	61	594	420	41.3
Arizona	7	13	12	80	74	7.6
Colorado	.	3	8	10	28	-63.1
Idaho	--	.	--	.	.	.
Montana	14	7	5	27	16	64.8
Nevada	4	3	5	358	177	102.3
New Mexico	14	5	9	35	38	-9.2
Utah	4	6	6	28	32	-12.7
Wyoming	15	10	17	57	55	3.1
Pacific Contiguous	27	7	26	1,680	391	329.8
California	18	6	20	1,579	378	317.4
Oregon	3	.	3	46	6	679.5
Washington	6	2	3	55	7	718.7
Pacific Noncontiguous	933	946	1,041	5,640	6,644	-15.1
Alaska	61	73	41	434	411	5.6
Hawaii	872	873	1,000	5,206	6,233	-16.5
U.S. Total	12,870	8,590	12,449	67,308	76,728	-12.3

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

Notes: •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Data do not include petroleum coke. •The June 1993 petroleum coke consumption was 97,727 short tons.

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

Table 23. Consumption of Petroleum at Steam-Fired Electric Utility Plants by Census Division and State
(Thousand Barrels)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	1,704	1,475	2,486	12,014	20,289	-40.8
Connecticut	339	125	492	2,587	5,310	-51.3
Maine	59	14	107	423	1,663	-74.6
Massachusetts	1,189	1,282	1,744	8,418	11,973	-29.7
New Hampshire	116	44	143	533	1,206	-55.8
Rhode Island	1	10	--	53	136	-60.8
Vermont	*	*	*	1	1	-5.7
Middle Atlantic	1,783	1,115	2,580	14,952	19,462	-23.2
New Jersey	82	24	123	547	755	-27.5
New York	1,195	815	2,275	11,810	17,384	-32.1
Pennsylvania	506	275	181	2,594	1,323	96.1
East North Central	361	285	302	2,055	2,093	-1.8
Illinois	147	115	189	1,047	1,145	-8.5
Indiana	30	32	20	180	123	46.2
Michigan	132	82	48	551	575	-4.2
Ohio	45	51	38	237	218	8.8
Wisconsin	7	5	7	40	32	23.2
West North Central	36	47	36	256	183	39.8
Iowa	3	4	5	26	26	.2
Kansas	3	6	8	47	25	87.9
Minnesota	5	5	5	21	20	3.8
Missouri	18	21	12	105	81	29.9
Nebraska	1	2	1	13	4	194.2
North Dakota	6	8	5	37	23	64.5
South Dakota	*	*	1	7	4	78.7
South Atlantic	6,721	4,122	5,449	26,643	24,947	6.8
Delaware	240	201	182	1,458	1,506	-3.2
District of Columbia	49	*	12	73	57	28.6
Florida	5,678	3,601	4,920	21,003	18,570	13.1
Georgia	43	16	54	103	106	-2.8
Maryland	506	240	220	2,799	2,836	-1.3
North Carolina	16	17	16	113	105	7.9
South Carolina	3	5	5	35	40	-11.3
Virginia	161	6	16	879	1,569	-44.0
West Virginia	25	36	23	180	158	13.7
East South Central	666	223	98	1,092	741	47.4
Alabama	9	8	10	62	61	2.9
Kentucky	14	17	19	99	97	1.8
Mississippi	635	188	45	858	518	65.8
Tennessee	7	10	24	72	65	10.7
West South Central	207	162	35	788	235	235.1
Arkansas	4	10	8	50	51	-1.6
Louisiana	177	137	5	591	37	1491.0
Oklahoma	1	3	1	9	10	-9.3
Texas	25	13	21	137	137	.1
Mountain	56	45	58	576	405	42.2
Arizona	7	13	12	76	72	5.7
Colorado	*	2	7	9	21	-58.8
Idaho	--	--	--	--	--	--
Montana	13	7	5	26	16	64.4
Nevada	3	3	3	349	174	100.5
New Mexico	14	5	9	34	37	-8.8
Utah	4	5	5	25	30	-15.6
Wyoming	15	10	17	57	55	3.1
Pacific Contiguous	10	2	19	1,533	324	372.6
California	2	*	13	1,519	313	385.6
Oregon	3	*	3	4	6	-21.3
Washington	6	2	3	10	6	59.4
Pacific Noncontiguous	704	723	818	4,233	5,278	-19.8
Alaska	*	*	--	1	2	-33.3
Hawaii	704	723	818	4,232	5,277	-19.8
U.S. Total	12,249	8,198	11,881	64,141	73,958	-13.3

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

Notes: •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Data do not include petroleum coke. •The June 1993 petroleum coke consumption was 97,727 short tons.

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

Table 24. Consumption of Petroleum at GT/IC Electric Utility Plants by Census Division and State
(Thousand Barrels)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	29	18	19	205	269	-24.0
Connecticut	1	1	1	6	16	-62.5
Maine	*	*	*	3	2	20.5
Massachusetts	25	15	17	183	240	-23.6
New Hampshire	1	--	--	2	1	86.4
Rhode Island	2	1	1	8	7	3.8
Vermont	*	*	*	3	3	13.7
Middle Atlantic	45	67	59	336	257	30.9
New Jersey	8	25	13	108	59	82.6
New York	29	37	35	164	144	14.0
Pennsylvania	9	5	11	64	54	19.1
East North Central	13	19	12	81	57	41.6
Illinois	3	1	3	11	10	6.0
Indiana	3	2	*	10	3	204.0
Michigan	2	5	3	17	20	-13.2
Ohio	3	9	3	28	16	74.3
Wisconsin	3	2	2	14	7	89.8
West North Central	17	13	16	71	71	.7
Iowa	2	1	3	9	11	-17.5
Kansas	5	4	4	21	19	6.8
Minnesota	2	2	2	9	9	-.5
Missouri	4	2	4	17	17	-.2
Nebraska	1	1	1	8	6	32.2
North Dakota	*	*	*	*	1	-
South Dakota	2	2	2	6	7	-8.3
South Atlantic	178	40	221	756	592	27.6
Delaware	1	1	2	18	12	48.3
District of Columbia	--	*	7	2	36	-94.2
Florida	120	22	176	435	361	20.4
Georgia	18	2	3	43	12	267.5
Maryland	9	7	16	102	43	138.8
North Carolina	17	3	12	65	36	81.3
South Carolina	8	3	4	60	15	293.9
Virginia	5	1	2	31	78	-59.8
West Virginia	*	--	*	*	*	-
East South Central	88	2	4	130	58	122.9
Alabama	*	*	2	3	14	-76.8
Kentucky	*	*	*	2	1	120.2
Mississippi	81	*	*	81	*	-
Tennessee	6	2	3	43	43	-.8
West South Central	4	2	3	16	18	-10.1
Arkansas	1	*	*	4	1	543.9
Louisiana	*	*	--	*	*	-
Oklahoma	1	*	*	2	1	62.1
Texas	2	1	3	10	16	-38.4
Mountain	2	2	4	18	16	18.1
Arizona	*	*	*	4	2	66.5
Colorado	*	*	1	2	7	-76.5
Idaho	--	*	--	*	*	-
Montana	*	*	*	*	*	-
Nevada	1	*	2	9	3	214.4
New Mexico	*	*	--	*	1	-
Utah	1	1	1	3	3	16.0
Wyoming	--	--	--	--	--	-
Pacific Contiguous	16	5	7	148	67	121.7
California	16	5	7	60	65	-8.3
Oregon	*	--	--	42	*	-
Washington	*	*	*	46	1	5775.7
Pacific Noncontiguous	229	223	222	1,407	1,366	3.0
Alaska	61	73	41	433	409	5.7
Hawaii	168	150	182	974	956	1.8
U.S. Total	621	392	568	3,167	2,770	14.3

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

Notes: •GT/IC=Gas Turbine/Internal Combustion. •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Data do not include petroleum coke.

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

Table 25. Electric Utility Consumption of Gas by Census Division and State
(Million Cubic Feet)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	2,816	2,630	5,984	12,623	15,469	-18.4
Connecticut	13	8	316	137	1,324	-89.7
Maine	--	--	--	--	--	--
Massachusetts	2,606	2,513	5,418	12,155	13,419	-9.4
New Hampshire	36	91	--	133	--	--
Rhode Island	82	--	90	82	301	-72.6
Vermont	79	18	160	116	427	-72.8
Middle Atlantic	24,516	13,765	27,551	92,650	118,265	-21.7
New Jersey	4,252	1,278	3,330	9,088	12,930	-29.7
New York	19,450	12,276	23,875	79,155	104,326	-24.1
Pennsylvania	814	211	345	4,407	1,010	336.5
East North Central	3,465	2,352	3,663	17,878	28,909	-37.5
Illinois	1,089	377	998	3,298	6,345	-48.0
Indiana	245	273	760	2,520	5,105	-50.6
Michigan	1,685	1,345	1,473	9,020	13,905	-35.1
Ohio	149	135	173	1,588	1,801	-11.9
Wisconsin	297	222	259	1,453	1,453	*
West North Central	2,835	1,569	2,357	9,490	11,205	-15.3
Iowa	176	233	208	1,158	993	16.7
Kansas	2,037	846	1,388	5,816	5,829	-.2
Minnesota	282	297	491	1,248	2,708	-53.9
Missouri	224	54	131	589	822	-28.3
Nebraska	114	137	139	662	848	-21.9
North Dakota	--	*	--	*	1	--
South Dakota	1	2	1	16	5	227.1
South Atlantic	22,855	17,296	25,703	96,965	120,214	-19.3
Delaware	953	272	1,034	2,020	3,675	-45.0
District of Columbia	--	--	--	--	--	--
Florida	18,980	16,262	21,623	82,104	103,460	-20.6
Georgia	398	74	75	587	232	152.7
Maryland	647	385	1,367	2,357	4,321	-45.4
North Carolina	323	100	341	1,036	1,387	-25.3
South Carolina	311	24	202	462	1,036	-55.4
Virginia	1,229	174	1,014	8,336	5,994	39.1
West Virginia	13	4	47	63	109	-42.2
East South Central	4,560	3,268	5,597	15,162	33,096	-54.2
Alabama	418	266	307	1,598	1,659	-3.7
Kentucky	22	19	28	103	132	-22.0
Mississippi	3,987	2,968	5,227	13,244	31,129	-57.5
Tennessee	132	15	35	218	175	24.2
West South Central	153,254	99,550	145,770	607,793	647,286	-6.1
Arkansas	1,646	267	3,788	3,089	16,530	-81.3
Louisiana	26,473	13,920	30,520	85,414	126,785	-32.6
Oklahoma	13,982	10,542	14,312	63,973	72,508	-11.8
Texas	111,153	74,821	97,150	455,317	431,462	5.5
Mountain	6,806	6,794	8,671	36,699	41,115	-10.7
Arizona	1,397	1,765	2,778	7,603	13,499	-43.7
Colorado	398	278	355	2,469	2,086	18.4
Idaho	--	--	--	--	--	--
Montana	13	13	20	66	74	-11.7
Nevada	1,852	2,157	3,091	9,481	11,261	-15.8
New Mexico	2,710	2,067	1,911	13,543	10,527	28.7
Utah	422	507	509	3,475	3,623	-4.1
Wyoming	13	7	8	61	44	37.0
Pacific Contiguous	31,469	17,817	38,382	212,082	249,089	-14.9
California	31,453	17,816	36,692	202,327	242,760	-16.7
Oregon	15	--	661	5,193	4,790	8.4
Washington	*	*	1,028	4,562	1,539	196.3
Pacific Noncontiguous	2,027	2,105	2,204	14,086	13,934	1.1
Alaska	2,027	2,105	2,204	14,086	13,934	1.1
Hawaii	--	--	--	--	--	--
U.S. Total	254,601	167,146	265,882	1,115,428	1,278,283	-12.7

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

Notes: *Totals may not equal sum of components because of independent rounding.

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

Table 26. Consumption of Gas at Steam-Fired Electric Utility Plants by Census Division and State
(Million Cubic Feet)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	2,504	2,372	5,096	11,732	13,738	-14.6
Connecticut	13	8	316	137	1,324	-89.7
Maine	--	--	--	--	--	--
Massachusetts	2,294	2,255	4,530	11,264	11,687	-3.6
New Hampshire	36	91	--	133	--	NM
Rhode Island	82	--	90	82	301	-72.6
Vermont	79	18	160	116	427	-72.8
Middle Atlantic	23,180	13,006	26,463	89,107	114,414	-22.1
New Jersey	3,241	952	2,799	6,846	10,696	-36.0
New York	19,135	11,856	23,342	78,001	102,833	-24.1
Pennsylvania	803	199	322	4,261	884	381.8
East North Central	3,239	2,182	3,303	16,350	26,500	-38.3
Illinois	1,063	371	959	3,198	6,209	-48.5
Indiana	189	248	737	2,340	4,991	-53.1
Michigan	1,663	1,327	1,259	8,365	12,414	-32.6
Ohio	39	42	114	1,112	1,551	-28.3
Wisconsin	286	194	235	1,334	1,334	*
West North Central	2,312	1,327	1,883	7,860	9,475	-17.0
Iowa	133	196	151	1,005	785	28.0
Kansas	1,739	689	1,137	4,818	4,879	-1.3
Minnesota	267	293	416	1,189	2,545	-53.3
Missouri	85	37	71	324	557	-41.8
Nebraska	87	113	108	514	706	-27.2
North Dakota	--	--	--	*	1	NM
South Dakota	1	*	*	11	2	356.0
South Atlantic	18,253	15,724	22,118	78,276	107,371	-27.1
Delaware	243	99	851	602	2,927	-79.4
District of Columbia	--	--	--	--	--	--
Florida	17,233	15,278	19,967	75,247	98,536	-23.6
Georgia	369	66	70	504	206	145.1
Maryland	368	270	1,057	1,709	3,732	-54.2
North Carolina	--	--	--	--	--	NM
South Carolina	7	6	122	108	947	-88.6
Virginia	21	*	4	43	913	-95.3
West Virginia	13	4	47	63	109	-42.2
East South Central	3,307	2,268	4,161	8,169	25,107	-67.5
Alabama	356	259	243	1,467	1,494	-1.8
Kentucky	20	15	27	92	125	-26.6
Mississippi	2,931	1,994	3,891	6,611	23,487	-71.9
Tennessee	--	--	--	--	--	NM
West South Central	148,024	94,793	139,943	575,819	611,273	-5.8
Arkansas	1,646	267	3,788	3,089	16,530	-81.3
Louisiana	25,954	13,386	29,946	81,415	123,595	-34.1
Oklahoma	11,723	8,285	11,985	50,415	55,523	-9.2
Texas	108,700	72,855	94,225	440,900	415,625	6.1
Mountain	5,578	5,654	7,252	29,759	35,089	-15.2
Arizona	586	1,138	1,764	3,475	8,996	-61.4
Colorado	373	274	352	2,063	2,051	.6
Idaho	--	--	--	--	--	--
Montana	11	13	18	42	49	-13.7
Nevada	1,678	1,853	2,845	8,415	10,824	-22.3
New Mexico	2,643	2,066	1,897	13,354	10,430	28.0
Utah	274	303	369	2,350	2,695	-12.8
Wyoming	13	7	8	61	44	37.0
Pacific Contiguous	30,594	17,613	35,602	198,327	235,790	-15.9
California	30,594	17,613	35,600	198,322	235,777	-15.9
Oregon	--	--	--	--	--	NM
Washington	*	*	2	6	12	-53.6
Pacific Noncontiguous	--	--	--	--	--	NM
Alaska	--	--	--	--	--	NM
Hawaii	--	--	--	--	--	--
U.S. Total	236,990	154,939	245,820	1,015,401	1,178,756	-13.9

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

NM = Calculation not meaningful.

Notes: *Totals may not equal sum of components because of independent rounding.

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

Table 27. Consumption of Gas at GT/IC Electric Utility Plants by Census Division and State
(Million Cubic Feet)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Year to Date		
				1993 ¹	1992 ²	Difference (Percent)
New England	312	258	888	891	1,731	-48.5
Connecticut	--	--	--	--	--	--
Maine	--	--	--	--	--	--
Massachusetts	312	258	888	891	1,731	-48.5
New Hampshire	--	--	--	--	--	NM
Rhode Island	--	--	--	--	--	--
Vermont	--	--	--	--	--	--
Middle Atlantic	1,337	759	1,088	3,542	3,851	-8.0
New Jersey	1,011	326	531	2,242	2,234	.4
New York	315	420	533	1,154	1,492	-22.7
Pennsylvania	11	12	24	147	125	17.0
East North Central	226	170	359	1,528	2,110	-27.6
Illinois	27	6	40	100	137	-27.0
Indiana	56	25	23	179	114	56.9
Michigan	22	18	214	655	1,490	-56.1
Ohio	110	93	59	475	250	90.4
Wisconsin	11	28	24	119	119	.2
West North Central	523	242	474	1,630	1,730	-5.8
Iowa	43	37	57	153	208	-26.3
Kansas	297	157	251	998	950	5.1
Minnesota	15	4	75	59	163	-63.5
Missouri	139	18	60	265	265	.1
Nebraska	27	25	31	148	142	4.6
North Dakota	--	*	--	*	*	NM
South Dakota	*	2	1	5	2	102.5
South Atlantic	4,602	1,572	3,585	18,689	12,843	45.5
Delaware	710	173	184	1,417	748	89.6
District of Columbia	--	--	--	--	--	--
Florida	1,748	984	1,655	6,857	4,924	39.3
Georgia	29	8	5	83	27	210.9
Maryland	279	115	310	648	589	10.1
North Carolina	323	100	341	1,036	1,387	-25.3
South Carolina	304	17	80	354	89	299.4
Virginia	1,208	174	1,010	8,293	5,081	63.2
West Virginia	--	--	--	--	--	--
East South Central	1,253	1,000	1,437	6,993	7,989	-12.5
Alabama	63	7	65	131	165	-20.7
Kentucky	3	4	1	11	7	63.6
Mississippi	1,056	974	1,335	6,633	7,642	-13.2
Tennessee	132	15	35	218	175	24.2
West South Central	5,230	4,757	5,827	31,974	36,013	-11.2
Arkansas	--	--	--	--	--	NM
Louisiana	519	534	574	3,999	3,191	25.3
Oklahoma	2,259	2,258	2,327	13,558	16,985	-20.2
Texas	2,452	1,966	2,926	14,417	15,837	-9.0
Mountain	1,228	1,140	1,420	6,940	6,026	15.2
Arizona	811	627	1,014	4,129	4,503	-8.3
Colorado	25	5	3	406	35	1047.0
Idaho	--	--	--	--	--	--
Montana	2	--	2	23	25	-7.7
Nevada	174	304	246	1,067	437	144.1
New Mexico	67	1	14	189	97	95.5
Utah	148	204	141	1,125	928	21.2
Wyoming	--	--	--	--	--	--
Pacific Contiguous	875	204	2,780	13,755	13,300	3.4
California	859	204	1,092	4,005	6,983	-42.6
Oregon	15	--	661	5,193	4,790	8.4
Washington	--	--	1,026	4,556	1,527	198.4
Pacific Noncontiguous	2,027	2,105	2,204	14,086	13,934	1.1
Alaska	2,027	2,105	2,204	14,086	13,934	1.1
Hawaii	--	--	--	--	--	--
U.S. Total	17,611	12,207	20,061	100,027	99,527	.5

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

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

NM = Calculation not meaningful.

Notes: •GT/IC=Gas Turbine/Internal Combustion. •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 28. U.S. Electric Utility Stocks of Coal and Petroleum, 1983 Through June 1993

Period	Coal (thousand short tons)				Petroleum (thousand barrels)			Petroleum Coke (thousand short tons)
	Anthracite ¹	Bituminous ²	Lignite	Total	Light	Heavy	Total	
1983	6,507	145,250	3,841	155,598	18,801	70,573	89,375	55
1984	6,710	167,118	5,899	179,727	19,116	68,503	87,619	50
1985	7,189	142,144	7,043	156,376	16,386	57,304	73,689	49
1986	7,099	148,665	6,042	161,806	16,269	56,841	73,111	40
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 ³								
January	6,488	143,466	5,683	155,637	15,712	53,136	68,849	75
February	6,455	146,338	5,352	158,145	15,655	54,750	70,406	62
March	6,398	147,978	5,656	160,032	15,589	54,513	70,103	56
April	6,379	149,824	6,387	162,591	15,371	52,815	68,186	47
May	6,370	152,275	6,867	165,512	15,214	55,144	70,358	63
June	6,355	151,224	6,596	164,176	15,117	53,794	68,910	67
July	6,341	141,613	6,449	154,403	14,995	53,445	68,440	56
August	6,343	140,166	6,071	152,580	15,456	54,434	69,890	46
September	6,329	140,409	5,946	152,685	15,251	52,731	67,982	51
October	6,304	144,068	6,487	156,859	15,351	52,918	68,269	55
November	6,273	145,406	6,169	157,849	15,302	53,632	68,934	59
December	6,215	142,156	5,759	154,130	15,714	56,135	71,849	67
1993 ⁴								
January	6,166	138,685	5,521	150,371	15,956	53,781	69,736	65
February	6,107	134,674	5,357	146,139	15,205	50,008	65,213	60
March	6,036	132,183	5,758	143,978	15,001	45,313	60,314	66
April	5,802	136,159	6,088	148,049	14,835	47,958	62,793	77
May	5,773	138,165	6,132	150,070	14,682	50,422	65,103	82
June	5,766	133,673	6,009	145,448	14,923	49,294	64,217	92

¹ Anthracite includes anthracite silt stored off-site.

² Bituminous coal includes subbituminous coal.

³ Data for 1992 and prior years are final.

⁴ Data for 1993 are preliminary.

Notes: *Totals may not equal sum of components because of independent rounding. *Stocks are end-of-month stocks at electric utilities.

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

Table 29. Electric Utility Stocks of Coal by NERC Region and Hawaii
(Thousand Short Tons)

NERC Region and Hawaii	June 1993 ¹	May 1993 ¹	June 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
ECAR	39,661	40,646	45,836	-2.4	-13.5
ERCOT	5,406	5,903	7,375	-8.4	-26.7
MAAC	14,675	15,332	15,106	-4.3	-2.9
MAIN	11,857	12,122	13,946	-2.2	-15.0
MAPP (U.S.)	10,125	9,997	11,955	1.3	-15.3
NPCC (U.S.)	3,042	2,919	2,757	4.2	10.3
SERC	28,196	29,967	28,661	-5.9	-1.6
SPP	14,641	15,378	18,885	-4.8	-22.5
WSCC (U.S.)	17,838	17,799	19,648	.2	-9.2
Contiguous U.S.	145,442	150,064	164,169	-3.1	-11.4
ASCC	6	6	7	-2	-13.1
Hawaii	--	--	--	--	--
U.S. Total	145,448	150,070	164,176	-3.1	-11.4

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

Notes: •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 30. Electric Utility Stocks of Petroleum by NERC Region and Hawaii
(Thousand Barrels)

NERC Region and Hawaii	June 1993 ¹	May 1993 ¹	June 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
ECAR	1,597	1,552	1,703	2.9	-6.2
ERCOT	5,303	5,183	5,380	2.3	-1.4
MAAC	4,857	5,166	6,212	-6.0	-21.8
MAIN	1,250	1,228	1,365	1.8	-8.4
MAPP (U.S.)	736	749	725	-1.7	1.6
NPCC (U.S.)	13,570	14,070	14,982	-3.6	-9.4
SERC	12,240	12,433	12,382	-1.6	-1.1
SPP	4,775	4,863	4,354	-1.8	9.7
WSCC (U.S.)	18,634	18,665	20,708	-.2	-10.0
Contiguous U.S.	62,962	63,908	67,810	-1.5	-7.2
ASCC	184	187	194	-1.9	-5.5
Hawaii	1,071	1,008	906	6.3	18.3
U.S. Total	64,217	65,103	68,910	-1.4	-6.8

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

Notes: •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 31. Electric Utility Stocks of Coal by Census Division and State
(Thousand Short Tons)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
New England	1,367	1,302	1,251	5.0	9.3
Connecticut	166	169	182	-1.4	-8.8
Maine	--	--	--	--	--
Massachusetts	794	703	709	12.8	11.9
New Hampshire	407	430	360	-5.3	13.2
Rhode Island	--	--	--	--	--
Vermont	--	--	--	--	--
Middle Atlantic	16,451	16,864	16,566	-2.4	-7
New Jersey	816	886	794	-7.9	2.8
New York	1,675	1,617	1,506	3.6	11.2
Pennsylvania	13,961	14,361	14,266	-2.8	-2.1
East North Central	36,292	36,540	42,869	-7	-15.3
Illinois	6,317	6,423	6,723	-1.6	-6.0
Indiana	9,419	9,611	12,746	-2.0	-26.1
Michigan	6,544	6,816	7,998	-4.0	-18.2
Ohio	10,509	10,321	11,105	1.8	-5.4
Wisconsin	3,502	3,368	4,296	4.0	-18.5
West North Central	16,809	17,189	21,464	-2.2	-21.7
Iowa	3,631	3,625	4,538	.2	-20.0
Kansas	2,402	2,344	3,822	2.5	-37.2
Minnesota	1,711	1,655	2,141	3.4	-20.1
Missouri	4,988	5,513	6,776	-9.5	-26.4
Nebraska	1,532	1,630	1,814	-6.0	-15.5
North Dakota	2,275	2,146	2,085	6.0	9.1
South Dakota	270	274	289	-1.6	-6.6
South Atlantic	26,915	29,007	29,764	-7.2	-9.6
Delaware	450	433	388	4.0	16.1
District of Columbia	--	--	--	--	--
Florida	4,134	4,323	5,238	-4.4	-21.1
Georgia	4,756	5,175	4,804	-8.1	-1.0
Maryland	2,196	2,459	2,412	-10.7	-9.0
North Carolina	3,971	4,360	4,432	-8.9	-10.4
South Carolina	1,955	2,133	2,155	-8.4	-9.3
Virginia	1,814	1,910	1,781	-5.0	1.9
West Virginia	7,640	8,214	8,554	-7.0	-10.7
East South Central	15,187	15,638	13,869	-2.9	9.5
Alabama	5,324	5,329	4,541	-1	17.3
Kentucky	5,112	5,330	5,386	-4.1	-5.1
Mississippi	938	1,020	930	-8.0	.9
Tennessee	3,812	3,959	3,012	-3.7	26.6
West South Central	14,573	15,716	18,731	-7.3	-22.2
Arkansas	1,175	1,502	2,202	-21.8	-46.6
Louisiana	1,741	1,780	2,163	-2.2	-19.5
Oklahoma	2,908	3,189	2,888	-8.8	.7
Texas	8,749	9,246	11,478	-5.4	-23.8
Mountain	16,462	16,496	18,186	-2	-9.5
Arizona	3,746	3,751	4,432	-1	-15.5
Colorado	3,502	3,573	3,463	-2.0	1.1
Idaho	--	--	--	--	--
Montana	763	762	775	.2	-1.5
Nevada	1,376	1,334	1,482	3.2	-7.1
New Mexico	1,517	1,494	1,412	1.6	7.4
Utah	3,652	3,634	3,828	.5	-4.6
Wyoming	1,906	1,950	2,794	-2.3	-31.8
Pacific Contiguous	1,386	1,313	1,469	5.5	-5.7
California	--	--	--	--	--
Oregon	435	555	608	-21.6	-28.5
Washington	951	759	860	25.3	10.5
Pacific Noncontiguous	6	6	7	-2	-13.1
Alaska	6	6	7	-2	-13.1
Hawaii	--	--	--	--	--
U.S. Total	145,448	150,070	164,176	-3.1	-11.4

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

Notes: •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 32. Electric Utility Stocks of Petroleum by Census Division and State
(Thousand Barrels)

Census Division and State	June 1993 ¹	May 1993 ¹	June 1992 ²	Monthly Difference (Percent)	Yearly Difference (Percent)
New England	5,499	5,889	5,593	-6.6	-1.7
Connecticut	1,968	2,045	2,488	-3.8	-20.9
Maine	597	520	460	14.9	30.0
Massachusetts	2,398	2,623	2,025	-8.6	18.4
New Hampshire	496	582	516	-14.7	-3.7
Rhode Island	4	84	78	-95.8	-95.5
Vermont	36	35	27	4.2	36.1
Middle Atlantic	11,129	11,260	13,202	-1.2	-15.7
New Jersey	1,423	1,473	1,934	-3.4	-26.4
New York	8,071	8,182	9,389	-1.4	-14.0
Pennsylvania	1,635	1,606	1,879	1.8	-13.0
East North Central	2,517	2,442	2,702	3.1	-6.8
Illinois	1,074	1,038	1,124	3.5	-4.4
Indiana	171	155	173	10.0	-1.3
Michigan	642	643	797	-1	-19.4
Ohio	437	401	378	9.0	15.6
Wisconsin	193	205	230	-5.8	-15.8
West North Central	1,639	1,677	1,696	-2.3	-3.4
Iowa	191	194	199	-1.1	-3.8
Kansas	637	636	675	1	-5.6
Minnesota	141	144	138	-1.7	2.6
Missouri	353	384	377	-8.0	-6.2
Nebraska	205	204	206	2	-7
North Dakota	49	53	45	-6.2	9.4
South Dakota	61	63	56	-2.0	8.9
South Atlantic	13,665	14,133	14,413	-3.3	-5.2
Delaware	392	574	617	-31.7	-36.5
District of Columbia	117	116	111	7	4.9
Florida	8,296	8,629	8,614	-3.9	-3.7
Georgia	450	460	499	-2.4	-9.9
Maryland	1,445	1,559	1,820	-7.3	-20.6
North Carolina	196	202	232	-2.9	-15.7
South Carolina	306	311	360	-1.5	-14.9
Virginia	2,320	2,152	2,006	7.8	15.7
West Virginia	143	130	154	9.5	-7.2
East South Central	1,927	1,936	1,468	-5	31.3
Alabama	143	147	178	-2.3	-19.6
Kentucky	91	98	90	-7.2	1.2
Mississippi	1,304	1,294	856	8	52.3
Tennessee	389	397	343	-2.2	13.2
West South Central	7,973	7,925	8,149	6	-2.2
Arkansas	249	240	246	3.8	1.5
Louisiana	1,446	1,524	1,522	-5.1	-5.0
Oklahoma	611	612	515	-2	18.6
Texas	5,666	5,549	5,867	2.1	-3.4
Mountain	1,331	1,338	1,492	-5	-10.8
Arizona	675	678	755	-4	-10.6
Colorado	183	182	216	3	-15.6
Idaho	14	14	15	--	-5.7
Montana	6	15	14	-57.7	-52.5
Nevada	288	286	335	6	-14.1
New Mexico	100	106	95	-5.2	5.4
Utah	32	21	28	56.9	14.1
Wyoming	32	35	32	-11.0	-2.7
Pacific Contiguous	17,282	17,308	19,096	-1	-9.5
California	16,702	16,718	18,448	-1	-9.5
Oregon	235	240	286	-2.1	-17.8
Washington	346	350	361	-1.1	-4.2
Pacific Noncontiguous	1,255	1,195	1,100	5.0	14.1
Alaska	184	187	194	-1.9	-5.5
Hawaii	1,071	1,008	906	6.3	18.3
U.S. Total	64,217	65,103	68,916	-1.4	-6.8

¹ Data for 1993 are preliminary.

² Data for 1992 are final.

Notes: •Totals may not equal sum of components because of independent rounding. •Percent difference is calculated before rounding. •Data do not include petroleum coke. •The June 1993 petroleum coke stocks were 91,886 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

*Fuel is received for distribution
to electric utilities.*

**Table 33. U.S. Electric Utility Receipts of and Average Cost for Fossil Fuels,
1983 Through May 1993**

Period	Coal ¹		Petroleum				Gas		All Fossil Fuels ²
	Receipts (thousand short tons)	Cost (cents per 10 ⁶ Btu)	Heavy Oil ³		Total		Receipts (thousand Mcf)	Cost (cents per 10 ⁶ Btu)	Cost (cents per 10 ⁶ Btu)
			Receipts (thousand barrels)	Cost (cents per 10 ⁶ Btu)	Receipts (thousand barrels)	Cost (cents per 10 ⁶ Btu)			
1983	592,728	165.6	211,705	457.8	219,652	462.8	2,732,248	347.4	220.6
1984	684,111	166.4	193,832	481.2	202,372	486.3	2,878,808	360.3	219.1
1985	666,743	164.8	156,410	424.4	164,947	431.7	2,808,921	344.4	209.4
1986	686,964	157.9	220,585	240.1	228,522	243.7	2,387,622	235.1	175.0
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 ⁴									
January	64,678	139.6	12,039	223.2	12,539	230.0	159,815	247.1	155.2
February	61,603	142.1	13,634	209.8	14,107	216.1	160,328	201.7	152.7
March	63,857	143.4	12,779	208.2	13,186	214.1	198,040	196.8	153.7
April	60,661	142.7	10,144	217.8	10,555	225.7	218,468	202.6	154.8
May	63,407	142.9	10,079	237.1	10,498	245.1	227,857	207.8	156.4
June	63,704	141.9	10,888	251.4	11,352	260.0	254,025	213.6	158.3
July	64,400	139.3	12,706	274.1	13,217	281.2	315,543	208.9	159.2
August	70,241	139.6	12,152	274.1	12,664	281.2	287,373	237.3	161.6
September	66,503	142.0	8,883	268.5	9,319	277.6	259,771	246.3	163.0
October	66,907	141.3	10,772	290.5	11,221	297.7	205,039	297.9	167.5
November	64,005	141.5	11,161	273.5	11,636	280.5	182,505	282.6	164.5
December	65,998	138.6	13,302	252.1	14,097	261.9	168,913	276.5	160.0
1992	775,963	141.2	138,537	247.5	144,390	255.1	2,637,678	232.8	159.0
1993 ⁴									
January	65,219	138.5	8,437	248.7	9,026	259.1	159,318	267.3	156.2
February	59,229	139.3	7,002	254.1	7,421	263.8	153,681	250.8	155.6
March	63,894	137.6	8,548	248.6	9,022	258.8	186,075	256.6	156.5
April	63,807	139.3	10,074	280.0	10,539	286.6	169,844	268.9	159.9
May	62,599	139.9	10,392	261.2	10,825	268.1	163,925	286.3	161.6
Year-to-Date									
1993 ⁴	314,748	138.9	44,453	259.6	46,833	268.1	832,843	265.9	158.0
1992 ⁴	314,207	142.1	58,674	218.3	60,884	225.2	964,508	209.8	154.6

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 1992 and prior years are final. Data for 1993 are preliminary.

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 1983-1990 are for steam-electric plants with a generator nameplate capacity of 50 or more megawatts. •Prior to January 1983, data are for plants with a capacity of 25 or more megawatts and include peaking units. •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 34. Electric Utility Receipts of Coal by NERC Region and Hawaii
(Thousand Short Tons)

NERC Region and Hawaii	May 1993 ¹	April 1993 ¹	May 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	14,935	14,992	16,422	72,932	77,880	-6.4
ERCOT	6,794	5,838	5,852	30,551	29,079	5.1
MAAC	3,102	3,580	3,556	16,369	16,726	-2.1
MAIN	4,445	4,738	4,391	21,902	22,703	-3.5
MAPP (U.S.)	5,606	6,201	5,738	30,606	29,749	2.9
NPCC (U.S.)	903	1,066	1,416	5,570	6,777	-17.8
SERC	12,872	12,946	11,333	63,213	56,894	11.1
SPP	7,025	6,610	6,984	32,742	33,212	-1.4
WSCC (U.S.)	6,917	7,837	7,714	40,863	41,186	-.8
Contiguous U.S.	62,599	63,807	63,407	314,748	314,207	.2
ASCC	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--
U.S. Total	62,599	63,807	63,407	314,748	314,207	.2

¹ Data for 1992 are final. Data for 1993 are preliminary.

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. •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. Average Cost of Coal Delivered to Electric Utilities by NERC Region and Hawaii
(Cents per Million Btu)

NERC Region and Hawaii	May 1993 ¹	April 1993 ¹	May 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	135.9	136.5	141.1	136.4	140.0	-2.5
ERCOT	130.0	143.6	149.4	141.1	144.0	-2.0
MAAC	145.8	145.2	149.5	147.0	159.6	-7.9
MAIN	154.4	153.8	153.7	153.2	158.7	-3.5
MAPP (U.S.)	94.9	92.1	100.2	90.5	94.2	-4.0
NPCC (U.S.)	153.2	152.9	159.7	155.3	161.2	-3.6
SERC	161.6	158.8	164.1	159.5	164.2	-2.9
SPP	136.7	136.5	140.9	137.1	141.2	-2.9
WSCC (U.S.)	124.5	120.5	117.9	118.9	113.4	4.9
Contiguous U.S.	139.9	139.3	142.9	138.9	142.1	-2.2
ASCC	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--
U.S. Total	139.9	139.3	142.9	138.9	142.1	-2.2

¹ Data for 1992 are final. Data for 1993 are preliminary.

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. •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 36. Electric Utility Receipts of Petroleum by NERC Region and Hawaii
(Thousand Barrels)

NERC Region and Hawaii	May 1993 ¹	April 1993 ¹	May 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	181	154	194	851	967	-12.1
ERCOT	--	16	2	71	119	-40.4
MAAC	609	1,310	488	6,092	5,606	8.7
MAIN	222	187	264	948	957	-.9
MAPP (U.S.)	13	26	24	116	86	34.1
NPCC (U.S.)	3,664	3,952	3,904	18,424	32,654	-43.6
SERC	5,262	4,298	5,043	16,339	15,905	2.7
SPP	333	38	48	713	647	10.1
WSCC (U.S.)	31	18	23	512	269	90.5
Contiguous U.S.	10,315	10,000	9,992	44,064	57,211	-23.0
ASCC	--	--	--	--	--	--
Hawaii	510	538	506	2,769	3,673	-24.6
U.S. Total	10,825	10,539	10,498	46,833	60,884	-23.1

¹ Data for 1992 are final. Data for 1993 are preliminary.

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.

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

Table 37. Average Cost of Petroleum Delivered to Electric Utilities by NERC Region and Hawaii
(Cents per Million Btu)

NERC Region and Hawaii	May 1993 ¹	April 1993 ¹	May 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	389.0	382.8	362.1	398.5	347.7	14.6
ERCOT	--	406.2	409.3	401.9	386.0	4.1
MAAC	282.8	284.6	274.9	262.6	225.3	16.6
MAIN	332.6	331.3	292.3	322.0	289.3	11.3
MAPP (U.S.)	457.1	455.8	453.6	449.0	419.4	7.1
NPCC (U.S.)	277.9	310.2	237.5	274.1	219.4	24.9
SERC	250.1	254.5	238.8	241.8	210.5	14.9
SPP	204.3	341.1	241.2	230.1	221.0	4.1
WSCC (U.S.)	523.6	517.7	506.0	378.7	378.3	1
Contiguous U.S.	265.5	285.3	244.9	264.9	222.0	19.3
ASCC	--	--	--	--	--	--
Hawaii	321.4	311.4	249.7	319.7	274.6	16.4
U.S. Total	268.1	286.6	245.1	268.1	225.2	19.0

¹ Data for 1992 are final. Data for 1993 are preliminary.

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. •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 38. Electric Utility Receipts of Gas by NERC Region and Hawaii
(Million Cubic Feet)

NERC Region and Hawaii	May 1993 ¹	April 1993 ¹	May 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	1,605	1,060	3,043	9,674	16,657	-41.9
ERCOT	60,944	57,287	54,629	277,407	242,347	14.5
MAAC	1,577	846	2,740	8,819	11,612	-24.1
MAIN	986	1,327	1,225	4,251	6,594	-35.5
MAPP (U.S.)	436	383	346	1,683	2,582	-34.8
NPCC (U.S.)	14,545	18,097	24,495	69,394	83,723	-17.1
SERC	16,811	14,452	21,210	71,762	88,677	-19.1
SPP	39,704	37,469	68,055	178,245	260,727	-31.6
WSCC (U.S.)	26,351	37,722	51,415	205,758	246,139	-16.4
Contiguous U.S.	162,960	168,643	227,159	826,992	959,059	-13.8
ASCC	966	1,201	698	5,850	5,450	7.4
Hawaii	--	--	--	--	--	--
U.S. Total	163,925	169,844	227,857	832,843	964,508	-13.7

¹ Data for 1992 are final. Data for 1993 are preliminary.

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.

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

Table 39. Average Cost of Gas Delivered to Electric Utilities by NERC Region and Hawaii
(Cents per Million Btu)

NERC Region and Hawaii	May 1993 ¹	April 1993 ¹	May 1992 ¹	Year to Date		
				1993 ¹	1992 ¹	Difference (Percent)
ECAR	256.8	275.8	196.4	257.5	205.4	25.3
ERCOT	268.2	254.1	205.3	246.7	205.3	20.2
MAAC	285.4	290.2	219.6	257.2	204.7	25.6
MAIN	264.7	258.2	203.0	271.1	201.4	34.6
MAPP (U.S.)	321.4	297.9	212.7	308.3	201.3	53.2
NPCC (U.S.)	310.0	278.6	220.1	283.2	225.5	25.6
SERC	270.0	258.9	226.7	249.9	197.1	26.8
SPP	292.2	266.0	189.9	263.5	190.3	38.4
WSCC (U.S.)	325.0	299.3	222.4	299.2	238.1	25.6
Contiguous U.S.	287.6	270.3	208.2	267.3	210.7	26.9
ASCC	63.0	63.3	55.3	63.9	58.9	8.5
Hawaii	--	--	--	--	--	--
U.S. Total	286.3	268.9	207.8	265.9	209.8	26.7

¹ Data for 1992 are final. Data for 1993 are preliminary.

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. •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 40. Electric Utility Receipts of Coal by Type, Census Division, and State,
May 1993**

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	--	--	362	9,501	--	--	--	--	362	9,501
Connecticut	--	--	69	1,809	--	--	--	--	69	1,809
Maine	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	229	6,023	--	--	--	--	229	6,023
New Hampshire	--	--	64	1,670	--	--	--	--	64	1,670
Rhode Island	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	51	841	3,845	97,161	--	--	--	--	3,896	98,001
New Jersey	--	--	175	4,811	--	--	--	--	175	4,811
New York	--	--	541	14,005	--	--	--	--	541	14,005
Pennsylvania	51	841	3,130	78,345	--	--	--	--	3,181	79,186
East North Central	--	--	9,576	226,359	4,309	77,188	--	--	13,884	303,548
Illinois	--	--	1,410	31,345	804	14,625	--	--	2,214	45,970
Indiana	--	--	2,822	63,811	831	14,396	--	--	3,653	78,207
Michigan	--	--	1,067	27,007	1,455	27,017	--	--	2,522	54,024
Ohio	--	--	3,851	93,685	--	--	--	--	3,851	93,685
Wisconsin	--	--	425	10,511	1,219	21,151	--	--	1,644	31,662
West North Central	--	--	913	20,687	5,380	92,312	1,747	23,043	8,040	136,042
Iowa	--	--	105	2,355	1,353	22,874	--	--	1,458	25,229
Kansas	--	--	57	1,267	1,449	24,495	--	--	1,506	25,762
Minnesota	--	--	3	70	993	17,466	--	--	996	17,536
Missouri	--	--	747	16,996	923	16,189	--	--	1,670	33,184
Nebraska	--	--	--	--	662	11,287	--	--	662	11,287
North Dakota	--	--	--	--	--	--	1,561	20,788	1,561	20,788
South Dakota	--	--	--	--	--	--	186	2,255	186	2,255
South Atlantic	--	--	10,442	261,042	--	--	--	--	10,442	261,042
Delaware	--	--	216	5,611	--	--	--	--	216	5,611
District of Columbia	--	--	--	--	--	--	--	--	--	--
Florida	--	--	2,129	52,539	--	--	--	--	2,129	52,539
Georgia	--	--	1,955	47,837	--	--	--	--	1,955	47,837
Maryland	--	--	574	14,592	--	--	--	--	574	14,592
North Carolina	--	--	1,707	42,642	--	--	--	--	1,707	42,642
South Carolina	--	--	841	21,515	--	--	--	--	841	21,515
Virginia	--	--	701	17,998	--	--	--	--	701	17,998
West Virginia	--	--	2,320	58,308	--	--	--	--	2,320	58,308
East South Central	--	--	7,286	174,808	--	--	--	--	7,286	174,808
Alabama	--	--	2,305	55,874	--	--	--	--	2,305	55,874
Kentucky	--	--	2,548	59,762	--	--	--	--	2,548	59,762
Mississippi	--	--	446	10,932	--	--	--	--	446	10,932
Tennessee	--	--	1,987	48,239	--	--	--	--	1,987	48,239
West South Central	--	--	132	2,750	6,304	107,815	4,868	62,098	11,304	172,663
Arkansas	--	--	--	--	887	15,278	--	--	887	15,278
Louisiana	--	--	--	--	794	13,354	277	3,866	1,071	17,219
Oklahoma	--	--	4	82	1,300	22,404	--	--	1,304	22,487
Texas	--	--	128	2,668	3,323	56,779	4,591	58,232	8,042	117,679
Mountain	--	--	2,822	63,116	4,198	75,565	13	177	7,033	138,858
Arizona	--	--	566	12,473	873	17,129	--	--	1,439	29,602
Colorado	--	--	532	11,592	644	11,874	--	--	1,176	23,466
Idaho	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	175	3,021	13	177	188	3,198
Nevada	--	--	367	8,397	45	864	--	--	412	9,261
New Mexico	--	--	--	--	1,128	20,236	--	--	1,128	20,236
Utah	--	--	1,204	27,676	--	--	--	--	1,204	27,676
Wyoming	--	--	152	2,978	1,333	22,440	--	--	1,485	25,418
Pacific	--	--	--	--	352	5,658	--	--	352	5,658
California	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	12	202	--	--	12	202
Washington	--	--	--	--	340	5,456	--	--	340	5,456
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--
U.S. Total	51	841	35,377	855,424	20,543	358,539	6,628	85,318	62,599	1,300,121

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 1993 are preliminary.

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

Table 41. Receipts and Average Cost of Coal Delivered to Electric Utilities by Census Division and State

Census Division and State	May 1993 Receipts		May 1992 Receipts		Year to Date			
	(thousand short tons)	(billion Btu)	(thousand short tons)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents per million Btu) ¹	
					1993	1992	1993	1992
New England	362	9,501	584	15,426	61,991	68,528	167.8	174.8
Connecticut	69	1,809	68	1,791	9,534	9,875	169.5	208.3
Maine	--	--	--	--	--	--	--	--
Massachusetts	229	6,023	436	11,485	38,133	45,035	168.9	169.3
New Hampshire	64	1,670	80	2,150	14,323	13,618	163.9	168.7
Rhode Island	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--
Middle Atlantic	3,896	98,001	4,567	115,284	517,880	561,706	145.2	153.9
New Jersey	175	4,811	210	5,657	28,142	27,995	177.6	173.6
New York	541	14,005	832	21,651	82,754	108,542	146.0	152.5
Pennsylvania	3,181	79,186	3,525	87,976	406,984	425,169	142.9	153.0
East North Central	13,884	303,548	15,029	332,764	1,444,845	1,545,217	141.4	146.1
Illinois	2,214	45,970	1,984	42,874	230,944	236,029	174.1	171.5
Indiana	3,653	78,207	4,017	86,228	377,289	442,365	126.7	131.4
Michigan	2,522	54,024	3,269	71,688	196,862	217,163	152.7	158.1
Ohio	3,851	93,685	4,187	100,081	506,172	510,470	138.6	144.3
Wisconsin	1,644	31,662	1,571	31,893	133,578	139,190	120.4	137.3
West North Central	8,040	136,042	8,190	142,669	698,661	728,979	102.1	111.3
Iowa	1,458	25,229	1,353	24,480	108,295	110,226	98.2	111.1
Kansas	1,506	25,762	1,056	18,470	109,542	109,858	102.6	119.5
Minnesota	996	17,536	1,180	20,864	115,058	103,703	117.5	124.2
Missouri	1,670	33,184	2,076	43,416	166,099	212,117	124.1	134.0
Nebraska	662	11,287	615	10,434	63,713	55,664	78.6	75.0
North Dakota	1,561	20,788	1,713	22,590	124,983	126,295	73.1	70.7
South Dakota	186	2,255	197	2,414	10,971	11,117	109.2	119.2
South Atlantic	10,442	261,042	9,939	248,244	1,272,851	1,248,681	163.4	167.5
Delaware	216	5,611	87	2,291	23,582	15,293	170.0	175.7
District of Columbia	--	--	--	--	--	--	--	--
Florida	2,129	52,539	2,077	51,458	246,677	248,871	175.8	185.7
Georgia	1,955	47,837	1,715	41,558	231,111	204,287	178.3	184.6
Maryland	574	14,592	856	21,882	92,592	95,227	157.6	163.3
North Carolina	1,707	42,642	1,380	34,316	197,735	178,652	171.1	179.6
South Carolina	841	21,515	633	16,358	97,360	94,722	157.4	151.7
Virginia	701	17,998	761	19,524	98,429	100,272	146.8	146.4
West Virginia	2,320	58,308	2,430	60,858	285,366	311,356	144.3	147.2
East South Central	7,286	174,808	6,368	152,347	885,879	772,061	138.8	139.6
Alabama	2,305	55,874	1,911	46,404	262,167	233,427	179.1	177.2
Kentucky	2,548	59,762	2,341	54,313	329,991	294,064	114.9	116.3
Mississippi	446	10,932	336	8,601	35,621	33,355	163.2	158.8
Tennessee	1,987	48,239	1,779	43,029	258,100	211,215	125.0	127.2
West South Central	11,304	172,663	10,588	163,466	798,368	777,458	146.7	148.8
Arkansas	887	15,278	1,115	19,610	77,730	86,397	166.1	165.9
Louisiana	1,071	17,219	1,299	21,089	84,109	79,349	159.2	155.3
Oklahoma	1,304	22,487	1,260	22,112	115,621	111,014	125.1	125.3
Texas	8,042	117,679	6,913	100,656	520,908	500,698	146.6	150.0
Mountain	7,033	138,858	7,564	147,474	794,634	804,983	114.1	108.8
Arizona	1,439	29,602	1,194	24,816	143,110	135,874	131.3	127.5
Colorado	1,176	23,466	1,413	27,612	128,686	127,014	112.1	109.5
Idaho	--	--	--	--	--	--	--	--
Montana	188	3,198	553	9,400	56,000	74,868	64.6	72.8
Nevada	412	9,261	665	14,715	58,044	71,124	155.3	140.2
New Mexico	1,128	20,236	1,222	21,861	101,482	100,980	144.6	132.5
Utah	1,204	27,676	876	20,068	139,500	120,425	119.2	120.7
Wyoming	1,485	25,418	1,642	29,001	167,810	174,698	80.6	74.4
Pacific Contiguous	352	5,658	580	9,709	50,825	47,124	131.6	130.5
California	--	--	--	--	--	--	--	--
Oregon	12	202	174	3,333	12,678	14,964	112.8	109.1
Washington	340	5,456	406	6,376	38,147	32,161	137.9	140.4
Pacific Noncontiguous	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	62,599	1,300,121	63,407	1,327,382	6,525,935	6,554,738	138.9	142.1

¹ Monetary values are expressed in nominal terms.

Notes: •Data for 1992 are final. Data for 1993 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. •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 42. Receipts and Average Cost of Coal Delivered to Electric Utilities by Type of Purchase, Mining Method, Census Division, and State, May 1993

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 per 10 ⁶ Btu)	(\$ per short ton)	(1,000 short tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)	(1,000 short tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)	(1,000 short tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)
New England	346	166.5	43.68	16	157.2	41.71	32	155.9	40.02	330	167.0	43.93
Connecticut	69	170.6	44.71	--	--	--	--	--	--	69	170.6	44.71
Maine	--	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	222	169.0	44.39	7	171.7	44.94	7	171.7	44.94	222	169.0	44.39
New Hampshire	54	151.4	39.45	9	146.5	39.28	25	151.3	38.63	39	150.2	39.94
Rhode Island	--	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	2,775	153.6	39.01	1,121	116.8	28.68	1,461	128.8	31.53	2,435	151.6	38.74
New Jersey	168	176.6	48.61	7	140.0	37.09	40	169.2	43.76	135	176.8	49.44
New York	356	150.4	39.45	185	132.8	33.52	84	141.2	33.29	457	145.1	38.18
Pennsylvania	2,252	152.2	38.22	929	113.4	27.65	1,337	126.8	31.05	1,844	151.2	38.10
East North Central	10,423	150.6	32.59	3,461	114.3	25.73	9,496	142.6	29.70	4,388	138.8	33.44
Illinois	1,908	187.9	38.42	306	117.5	26.72	1,268	212.9	42.11	946	134.4	29.69
Indiana	2,503	129.0	27.24	1,151	114.5	25.21	3,035	119.9	25.32	618	144.3	32.90
Michigan	2,285	152.8	32.32	237	135.8	32.49	1,972	150.1	30.32	550	153.4	39.59
Ohio	2,793	150.9	36.47	1,058	106.7	26.42	1,829	144.7	34.39	2,022	133.2	33.09
Wisconsin	934	125.7	24.12	710	118.1	22.87	1,391	114.9	20.91	252	152.2	38.27
West North Central	6,845	103.8	17.70	1,195	94.9	15.36	7,623	97.7	16.19	417	166.0	38.65
Iowa	1,309	103.9	17.89	149	88.5	15.93	1,425	101.0	17.35	34	143.2	32.36
Kansas	1,123	107.8	18.53	383	79.0	13.34	1,497	98.8	16.86	10	303.1	71.98
Minnesota	892	120.2	21.14	104	136.7	24.26	993	121.7	21.40	3	174.0	42.06
Missouri	1,597	117.6	23.31	73	120.6	25.35	1,299	101.3	19.14	371	164.3	38.33
Nebraska	499	80.9	13.86	163	68.8	11.52	662	77.9	13.28	--	--	--
North Dakota	1,239	69.5	9.37	323	113.1	14.30	1,561	78.0	10.39	--	--	--
South Dakota	186	103.4	12.54	--	--	--	186	103.4	12.54	--	--	--
South Atlantic	8,294	171.3	42.82	2,148	131.6	32.94	3,775	163.4	40.54	6,667	163.0	40.92
Delaware	201	167.3	43.52	14	164.0	42.95	64	158.4	40.55	152	170.6	44.72
District of Columbia	--	--	--	--	--	--	--	--	--	--	--	--
Florida	1,593	191.3	47.50	536	128.9	31.25	600	175.1	42.48	1,528	176.2	43.77
Georgia	1,498	185.9	45.13	457	152.7	38.30	794	163.4	40.20	1,161	188.0	45.80
Maryland	505	158.7	40.34	69	153.8	39.46	374	161.3	40.81	200	152.4	39.17
North Carolina	1,373	174.2	43.37	333	139.7	35.42	802	166.4	41.38	904	168.2	42.21
South Carolina	733	158.7	40.54	108	150.6	38.87	85	153.9	42.28	756	158.0	40.33
Virginia	545	147.8	37.98	156	142.4	36.38	291	143.6	36.71	410	148.7	38.28
West Virginia	1,846	156.9	39.42	474	96.1	24.17	765	161.5	39.86	1,555	136.3	34.55
East South Central	5,930	148.2	35.54	1,356	118.4	28.47	3,098	136.6	32.81	4,188	147.2	35.27
Alabama	1,941	193.1	46.79	364	132.1	32.06	1,034	174.8	42.43	1,271	190.5	46.12
Kentucky	1,912	116.1	26.98	636	104.8	25.26	1,711	114.3	27.27	837	110.9	25.06
Mississippi	302	164.5	41.86	144	146.2	32.97	133	140.7	32.39	313	166.2	41.78
Tennessee	1,775	129.4	31.40	212	118.0	28.85	220	125.7	30.94	1,767	128.5	31.15
West South Central	10,540	141.2	21.39	764	149.9	25.49	11,283	141.8	21.65	21	158.1	33.63
Arkansas	730	197.0	34.07	157	126.5	21.46	887	184.7	31.83	--	--	--
Louisiana	1,071	156.1	25.10	--	--	--	1,071	156.1	25.10	--	--	--
Oklahoma	1,281	128.8	22.20	23	87.4	15.39	1,304	128.0	22.08	--	--	--
Texas	7,458	134.8	19.48	584	158.7	26.97	8,021	136.8	19.99	21	158.1	33.63
Mountain	6,466	122.0	24.02	567	89.3	18.12	5,308	118.4	22.15	1,725	121.4	27.84
Arizona	1,200	134.5	27.81	239	120.0	24.06	1,439	132.2	27.18	--	--	--
Colorado	1,147	112.6	22.49	29	80.9	15.61	854	113.9	21.69	322	107.4	24.00
Idaho	--	--	--	--	--	--	--	--	--	--	--	--
Montana	188	66.3	11.28	--	--	--	188	66.3	11.28	--	--	--
Nevada	412	180.7	40.62	--	--	--	214	189.6	40.43	198	172.1	40.81
New Mexico	1,128	149.6	26.83	--	--	--	1,128	149.6	26.83	--	--	--
Utah	1,047	122.6	28.10	158	76.0	17.73	--	--	--	1,204	116.4	26.74
Wyoming	1,344	76.6	13.09	141	51.5	9.00	1,485	74.2	12.70	--	--	--
Pacific	302	162.4	25.50	50	122.2	22.41	352	155.9	25.06	--	--	--
California	--	--	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	12	113.1	19.06	12	113.1	19.06	--	--	--
Washington	302	162.4	25.50	38	124.8	23.47	340	157.5	25.27	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--	--
U. S. Total	51,921	144.7	29.63	10,678	118.3	26.26	42,428	133.8	25.41	20,171	150.0	36.73

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 1993 are preliminary.

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 Coal Delivered to Electric Utilities by Sulfur Content, Census Division, and State, May 1993

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 per 10 ⁶ Btu)	(\$ per short ton)	(1,000 short tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)	(1,000 short tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)
New England	--	--	--	179	172.2	44.93	120	164.8	43.40
Connecticut	--	--	--	69	170.6	44.71	--	--	--
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	85	179.5	46.94	120	164.8	43.40
New Hampshire	--	--	--	25	151.3	38.63	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	409	163.2	41.48	177	136.7	32.80
New Jersey	--	--	--	113	180.0	50.99	--	--	--
New York	--	--	--	87	187.2	47.40	21	148.1	31.24
Pennsylvania	--	--	--	209	141.9	33.88	156	135.4	33.01
East North Central	4,465	149.3	27.38	2,461	155.3	37.59	1,029	144.3	35.38
Illinois	928	242.6	45.46	136	153.6	38.80	--	--	--
Indiana	898	121.6	21.57	401	159.4	38.38	246	126.8	28.27
Michigan	1,344	139.0	25.84	850	163.0	39.49	231	158.4	41.34
Ohio	--	--	--	871	146.0	35.76	500	143.7	35.46
Wisconsin	1,294	110.2	20.06	203	156.2	35.10	53	157.8	41.67
West North Central	4,899	97.9	16.89	2,325	91.7	13.11	260	160.9	35.72
Iowa	1,244	100.6	17.04	66	82.5	13.75	44	91.2	15.32
Kansas	1,489	98.7	16.79	--	--	--	--	--	--
Minnesota	560	120.3	21.14	433	123.5	21.75	3	174.0	42.06
Missouri	943	93.6	16.87	79	110.2	20.34	213	171.0	39.84
Nebraska	662	77.9	13.28	--	--	--	--	--	--
North Dakota	--	--	--	1,561	78.0	10.39	--	--	--
South Dakota	--	--	--	186	103.4	12.54	--	--	--
South Atlantic	20	113.0	26.23	4,367	168.3	42.21	2,958	165.4	41.71
Delaware	--	--	--	171	169.3	43.93	45	158.5	41.80
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	20	113.0	26.23	647	170.3	42.78	462	189.5	48.38
Georgia	--	--	--	712	182.6	45.61	782	166.8	40.71
Maryland	--	--	--	265	153.8	39.21	36	147.4	37.80
North Carolina	--	--	--	1,234	166.4	41.31	473	169.9	43.14
South Carolina	--	--	--	124	155.5	39.65	680	158.4	40.56
Virginia	--	--	--	474	146.4	37.42	221	146.1	37.75
West Virginia	--	--	--	740	177.7	44.07	259	149.2	37.09
East South Central	217	232.2	54.45	2,090	167.7	41.42	859	132.4	32.52
Alabama	170	247.7	61.27	1,085	198.7	48.34	307	143.8	34.99
Kentucky	--	--	--	621	123.3	30.35	98	109.3	26.33
Mississippi	47	158.7	29.80	179	185.6	47.34	97	141.6	34.50
Tennessee	--	--	--	204	125.9	33.15	356	126.6	31.55
West South Central	6,432	160.9	27.63	1,544	111.1	14.19	2,768	102.4	13.59
Arkansas	887	184.7	31.83	--	--	--	--	--	--
Louisiana	794	161.1	27.08	277	139.0	19.39	--	--	--
Oklahoma	1,300	128.1	22.08	--	--	--	--	--	--
Texas	3,451	167.0	28.77	1,267	104.3	13.05	2,768	102.4	13.59
Mountain	3,349	118.8	23.34	3,683	119.7	23.73	2	61.3	12.99
Arizona	650	148.7	29.94	789	119.1	24.91	--	--	--
Colorado	1,067	112.9	22.33	110	102.5	22.27	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	13	95.5	13.11	175	64.6	11.15	--	--	--
Nevada	218	172.1	39.26	194	190.7	42.13	--	--	--
New Mexico	--	--	--	1,128	149.6	26.83	--	--	--
Utah	584	144.8	33.00	620	90.0	20.84	--	--	--
Wyoming	817	52.2	8.42	666	97.9	17.96	2	61.3	12.99
Pacific	46	120.8	21.90	306	162.0	25.53	--	--	--
California	--	--	--	--	--	--	--	--	--
Oregon	12	113.1	19.06	--	--	--	--	--	--
Washington	34	123.3	22.91	306	162.0	25.53	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--
U. S. Total	19,428	135.9	24.41	17,362	146.2	30.87	8,172	143.8	30.06

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 1993 are preliminary.

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 Coal Delivered to Electric Utilities by Sulfur Content, Census Division, and State, May 1993 (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 per 10 ⁶ Btu)	(\$ per short ton)	(1,000 short tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)	(1,000 short tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)	(Cents per 10 ⁶ Btu)	(\$ per short ton)
New England	44	154.3	40.79	19	145.1	38.74	--	--	--	166.1	43.59
Connecticut	--	--	--	--	--	--	--	--	--	170.6	44.71
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	24	153.4	40.52	--	--	--	--	--	--	169.0	44.41
New Hampshire	20	155.3	41.11	19	145.1	38.74	--	--	--	150.6	39.43
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	1,434	141.1	36.02	1,409	131.9	33.07	467	169.6	41.49	143.3	36.04
New Jersey	--	--	--	62	165.5	42.96	--	--	--	175.1	48.14
New York	335	136.7	35.85	98	133.8	35.21	--	--	--	144.5	37.42
Pennsylvania	1,099	142.5	36.07	1,249	130.0	32.41	467	169.6	41.49	141.1	35.13
East North Central	629	117.6	28.39	2,643	136.3	31.44	2,657	126.3	28.85	141.3	30.88
Illinois	60	107.4	25.60	398	152.9	33.94	692	127.5	27.41	177.2	36.80
Indiana	259	122.9	27.22	996	116.1	25.83	854	117.9	26.60	124.3	26.60
Michigan	52	123.9	32.91	33	204.0	47.07	12	164.3	38.87	151.0	32.34
Ohio	218	112.4	29.41	1,163	142.8	34.41	1,099	131.3	31.39	138.6	33.71
Wisconsin	40	123.6	28.72	54	190.1	43.22	--	--	--	122.4	23.58
West North Central	55	125.7	28.87	228	153.1	34.40	274	123.8	27.77	102.6	17.35
Iowa	19	107.2	24.63	74	137.4	30.56	11	120.0	26.30	102.2	17.69
Kansas	--	--	--	10	303.1	71.98	8	118.3	30.13	100.6	17.21
Minnesota	--	--	--	--	--	--	--	--	--	121.9	21.46
Missouri	36	135.6	31.13	144	150.7	33.90	255	124.2	27.76	117.8	23.40
Nebraska	--	--	--	--	--	--	--	--	--	77.9	13.28
North Dakota	--	--	--	--	--	--	--	--	--	78.0	10.39
South Dakota	--	--	--	--	--	--	--	--	--	103.4	12.54
South Atlantic	944	145.6	36.36	1,649	165.7	40.18	503	132.0	33.89	163.1	40.78
Delaware	--	--	--	--	--	--	--	--	--	167.0	43.48
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	115	141.0	33.77	874	178.8	43.00	9	146.7	35.31	175.9	43.41
Georgia	174	178.8	46.06	287	197.3	44.51	--	--	--	177.9	43.53
Maryland	191	162.5	41.19	82	167.1	42.40	--	--	--	158.1	40.24
North Carolina	--	--	--	--	--	--	--	--	--	167.4	41.82
South Carolina	32	149.7	37.66	4	155.3	42.53	--	--	--	157.6	40.32
Virginia	--	--	--	7	180.0	48.10	--	--	--	146.6	37.62
West Virginia	432	124.9	30.90	396	117.8	30.20	494	131.7	33.86	144.5	36.30
East South Central	1,130	147.9	35.82	2,183	121.2	28.73	807	111.0	24.61	142.7	34.23
Alabama	541	172.4	41.55	141	143.8	34.53	61	111.4	25.31	183.4	44.46
Kentucky	179	117.0	28.17	903	107.2	25.28	746	111.0	24.55	113.2	26.55
Mississippi	--	--	--	122	133.4	33.82	--	--	--	159.1	38.99
Tennessee	410	129.2	31.60	1,017	128.9	30.38	--	--	--	128.2	31.13
West South Central	559	133.7	13.73	--	--	--	--	--	--	141.9	21.67
Arkansas	--	--	--	--	--	--	--	--	--	184.7	31.83
Louisiana	--	--	--	--	--	--	--	--	--	156.1	25.10
Oklahoma	4	100.0	23.08	--	--	--	--	--	--	128.0	22.08
Texas	556	134.2	13.67	--	--	--	--	--	--	136.9	20.03
Mountain	--	--	--	--	--	--	--	--	--	119.2	23.54
Arizona	--	--	--	--	--	--	--	--	--	132.2	27.18
Colorado	--	--	--	--	--	--	--	--	--	111.9	22.32
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	66.3	11.28
Nevada	--	--	--	--	--	--	--	--	--	180.7	40.62
New Mexico	--	--	--	--	--	--	--	--	--	149.6	26.83
Utah	--	--	--	--	--	--	--	--	--	116.4	26.74
Wyoming	--	--	--	--	--	--	--	--	--	74.2	12.70
Pacific	--	--	--	--	--	--	--	--	--	155.9	25.06
California	--	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	113.1	19.06
Washington	--	--	--	--	--	--	--	--	--	157.5	25.27
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--
U. S. Total	4,795	140.1	32.40	8,132	138.0	32.87	4,708	128.9	29.85	139.9	29.06

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 1993 are preliminary.

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

**Table 44. Electric Utility Receipts of Petroleum by Type, Census Division, and State,
May 1993**

Census Division and State	No. 2 Fuel Oil		No. 4 Fuel Oil ¹		No. 5 Fuel Oil ¹		No. 6 Fuel Oil		Total	
	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)
New England	14	80	--	--	--	--	1,963	12,554	1,976	12,635
Connecticut	3	20	--	--	--	--	302	1,941	305	1,961
Maine	*	3	--	--	--	--	--	--	*	3
Massachusetts	7	40	--	--	--	--	1,371	8,742	1,378	8,781
New Hampshire	3	18	--	--	--	--	289	1,872	292	1,890
Rhode Island	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	41	240	--	1	--	--	1,846	11,719	1,887	11,960
New Jersey	1	4	--	1	--	--	149	925	149	931
New York	10	58	--	--	--	--	1,678	10,672	1,688	10,730
Pennsylvania	31	178	--	--	--	--	19	121	50	300
East North Central	132	761	--	--	--	--	219	1,355	350	2,147
Illinois	26	152	--	--	--	--	159	1,020	186	1,171
Indiana	42	239	--	--	--	--	--	--	42	239
Michigan	20	118	--	--	--	--	59	366	80	484
Ohio	28	159	--	--	--	--	--	--	28	159
Wisconsin	16	93	--	--	--	--	--	--	16	93
West North Central	36	209	--	--	--	--	3	19	39	228
Iowa	2	9	--	--	--	--	--	--	2	9
Kansas	3	18	--	--	--	--	--	--	3	18
Minnesota	4	26	--	--	--	--	--	--	4	26
Missouri	20	117	--	--	--	--	3	19	23	136
Nebraska	--	--	--	--	--	--	--	--	--	--
North Dakota	7	39	--	--	--	--	--	--	7	39
South Dakota	--	--	--	--	--	--	--	--	--	--
South Atlantic	139	812	--	--	--	--	5,538	35,295	5,678	36,107
Delaware	6	33	--	--	--	--	311	1,990	316	2,023
District of Columbia	2	12	--	--	--	--	--	--	2	12
Florida	42	249	--	--	--	--	5,158	32,864	5,200	33,113
Georgia	20	117	--	--	--	--	--	--	20	117
Maryland	14	82	--	--	--	--	70	440	84	522
North Carolina	18	106	--	--	--	--	--	--	18	106
South Carolina	*	*	--	--	--	--	--	--	*	1
Virginia	10	55	--	--	--	--	--	--	10	55
West Virginia	27	159	--	--	--	--	--	--	27	159
East South Central	30	175	2	13	--	--	178	1,140	211	1,328
Alabama	6	33	--	--	--	--	--	--	6	33
Kentucky	9	54	--	--	--	--	--	--	9	54
Mississippi	5	29	2	13	--	--	178	1,140	186	1,182
Tennessee	10	59	--	--	--	--	--	--	10	59
West South Central	10	56	--	--	--	--	133	853	143	909
Arkansas	7	41	--	--	--	--	--	--	7	41
Louisiana	3	16	--	--	--	--	133	853	136	868
Oklahoma	--	--	--	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--	--
Mountain	29	170	--	--	--	--	--	--	29	170
Arizona	4	23	--	--	--	--	--	--	4	23
Colorado	2	12	--	--	--	--	--	--	2	12
Idaho	--	--	--	--	--	--	--	--	--	--
Montana	1	6	--	--	--	--	--	--	1	6
Nevada	1	6	--	--	--	--	--	--	1	6
New Mexico	7	40	--	--	--	--	--	--	7	40
Utah	2	12	--	--	--	--	--	--	2	12
Wyoming	12	71	--	--	--	--	--	--	12	71
Pacific	2	12	--	--	--	--	--	--	2	12
California	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--
Washington	2	12	--	--	--	--	--	--	2	12
Pacific Noncontiguous	--	--	--	--	--	--	510	3,192	510	3,192
Alaska	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	510	3,192	510	3,192
U.S. Total	433	2,515	2	15	--	--	10,390	66,158	10,825	68,688

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

* 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 1993 are preliminary.

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

Table 45. Receipts and Average Cost of Petroleum Delivered to Electric Utilities by Census Division and State

Census Division and State	May 1993 Receipts		May 1992 Receipts		Year to Date			
	(thousand barrels)	(billion Btu)	(thousand barrels)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents per million Btu) ¹	
					1993	1992	1993	1992
New England	1,976	12,635	1,929	12,338	64,363	116,327	270.2	202.4
Connecticut	305	1,961	354	2,254	13,466	34,758	256.2	223.8
Maine	—	3	92	584	1,153	7,746	199.3	204.4
Massachusetts	1,378	8,781	1,307	8,320	46,432	64,083	281.0	196.6
New Hampshire	292	1,890	177	1,180	3,307	9,229	200.0	160.9
Rhode Island	—	—	—	—	—	511	—	195.0
Vermont	—	—	—	—	6	—	503.7	—
Middle Atlantic	1,887	11,960	2,064	13,019	70,447	102,673	279.0	243.2
New Jersey	149	931	48	296	5,712	3,465	292.3	266.9
New York	1,688	10,730	1,974	12,479	53,057	90,714	278.8	241.2
Pennsylvania	50	300	42	243	11,678	8,493	273.7	255.0
East North Central	350	2,147	416	2,609	9,550	10,217	340.9	298.8
Illinois	186	1,171	262	1,668	5,367	5,797	312.5	283.3
Indiana	42	239	15	84	869	479	433.3	408.7
Michigan	80	484	120	751	2,040	3,037	318.7	271.2
Ohio	28	159	18	106	966	737	437.4	426.7
Wisconsin	16	93	—	1	309	166	419.6	457.5
West North Central	59	228	59	364	1,118	1,093	391.2	277.5
Iowa	2	9	10	57	196	172	438.8	397.7
Kansas	3	18	—	—	134	78	427.2	396.2
Minnesota	4	26	6	35	45	96	452.6	423.5
Missouri	23	136	37	233	437	655	310.3	187.9
Nebraska	—	—	—	2	77	4	427.8	414.2
North Dakota	7	39	6	37	196	88	458.1	438.3
South Dakota	—	—	—	—	33	—	467.2	—
South Atlantic	5,678	36,107	5,452	34,531	124,997	124,789	243.5	211.0
Delaware	316	2,023	268	1,692	7,810	8,228	247.8	219.9
District of Columbia	2	12	6	35	23	362	431.1	341.8
Florida	5,200	33,113	4,973	31,560	101,875	94,060	238.1	207.8
Georgia	20	117	14	79	330	346	451.0	439.0
Maryland	84	522	120	749	13,312	14,965	250.1	200.7
North Carolina	18	106	18	105	504	456	429.7	417.2
South Carolina	—	1	9	50	146	178	444.6	439.9
Virginia	10	55	13	73	249	5,285	445.1	193.2
West Virginia	27	159	32	188	748	910	485.6	447.5
East South Central	211	1,328	32	189	2,309	3,875	306.2	259.6
Alabama	6	33	11	61	264	285	445.7	448.4
Kentucky	9	54	8	44	357	432	459.5	451.2
Mississippi	186	1,182	4	22	1,310	2,925	195.0	193.1
Tennessee	10	59	10	61	376	234	449.1	508.3
West South Central	143	909	15	86	3,305	1,243	261.0	401.9
Arkansas	7	41	9	52	252	267	472.4	476.7
Louisiana	136	868	4	22	2,640	205	218.8	367.6
Oklahoma	—	—	—	—	—	24	—	390.5
Texas	—	—	2	12	413	747	401.9	385.0
Mountain	29	170	25	145	2,890	1,674	378.9	379.5
Arizona	4	23	8	48	81	406	520.2	433.6
Colorado	2	12	1	4	12	38	477.5	389.9
Idaho	—	—	—	—	—	—	—	—
Montana	1	6	—	—	30	18	620.5	487.2
Nevada	1	6	4	23	2,365	758	351.2	310.9
New Mexico	7	40	5	29	131	145	510.1	469.6
Utah	2	12	5	29	73	94	530.1	452.0
Wyoming	12	71	2	11	198	215	466.3	416.1
Pacific Contiguous	2	12	—	1	361	31	397.4	483.5
California	—	—	—	—	323	—	388.5	—
Oregon	—	—	—	—	—	—	—	—
Washington	2	12	—	1	38	31	72.6	483.5
Pacific Noncontiguous	510	3,192	506	3,182	17,304	23,061	319.7	274.6
Alaska	—	—	—	—	—	—	—	—
Hawaii	510	3,192	506	3,182	17,304	23,061	319.7	274.6
U.S. Total	10,825	68,688	10,498	66,463	296,644	384,982	268.1	225.2

¹ Monetary values are expressed in nominal terms.

• Less than 0.5.

Notes: •Data for 1992 are final. Data for 1993 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. •The May 1993 petroleum coke receipts were 105,237 short tons and the cost was 61.8 cents per million Btu.

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

Table 46. Receipts and Average Cost of Petroleum Delivered to Electric Utilities by Type, Census Division, and State, May 1993

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 per 10 ⁶ Btu)	(\$ per bbl)	(Cents per 10 ⁶ Btu)	(\$ per bbl)	(Cents per 10 ⁶ Btu)	(\$ per bbl)
	(1,000 bbls)	(Cents per 10 ⁶ Btu)	(\$ per bbl)	(1,000 bbls)	(Cents per 10 ⁶ Btu)	(\$ per bbl)						
New England	1,618	261.9	16.77	345	265.4	16.91	417.0	24.34	--	--	262.5	16.79
Connecticut	302	272.1	17.48	--	--	--	422.7	24.78	--	--	272.1	17.48
Maine	--	--	--	--	--	--	421.4	24.61	--	--	--	--
Massachusetts	1,026	276.0	17.60	345	265.4	16.91	411.3	24.09	--	--	273.3	17.43
New Hampshire	289	201.8	13.06	--	--	--	422.8	24.34	--	--	201.8	13.06
Rhode Island	--	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	1,511	297.2	18.93	334	288.0	18.02	442.2	25.81	431.0	25.83	295.6	18.77
New Jersey	32	343.0	21.67	116	308.8	19.15	455.3	26.36	431.0	25.83	316.3	19.70
New York	1,473	296.3	18.88	205	277.2	17.39	489.0	28.53	--	--	294.0	18.70
Pennsylvania	6	281.2	17.79	13	275.9	17.70	426.7	24.91	--	--	277.6	17.73
East North Central	131	296.9	19.06	88	281.9	17.52	436.9	25.27	--	--	291.0	18.44
Illinois	131	296.9	19.06	28	304.9	19.21	445.6	25.85	--	--	298.3	19.09
Indiana	--	--	--	--	--	--	433.0	24.89	--	--	--	--
Michigan	--	--	--	59	270.7	16.71	436.3	25.19	--	--	270.7	16.71
Ohio	--	--	--	--	--	--	453.3	26.25	--	--	--	--
Wisconsin	--	--	--	--	--	--	405.7	23.74	--	--	--	--
West North Central	--	--	--	3	193.6	12.00	435.4	25.17	--	--	193.6	12.00
Iowa	--	--	--	--	--	--	443.8	26.03	--	--	--	--
Kansas	--	--	--	--	--	--	420.0	24.34	--	--	--	--
Minnesota	--	--	--	--	--	--	442.5	25.85	--	--	--	--
Missouri	--	--	--	3	193.6	12.00	424.1	24.41	--	--	193.6	12.00
Nebraska	--	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	469.8	27.19	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	2,407	246.0	15.73	3,132	247.3	15.72	445.1	25.97	--	--	246.7	15.72
Delaware	311	251.0	16.08	--	--	--	420.2	24.88	--	--	251.0	16.08
District of Columbia	--	--	--	--	--	--	430.0	24.74	--	--	--	--
Florida	2,026	245.3	15.69	3,132	247.3	15.72	442.2	25.91	--	--	246.5	15.71
Georgia	--	--	--	--	--	--	451.6	26.27	--	--	--	--
Maryland	70	245.2	15.42	--	--	--	414.9	24.06	--	--	245.2	15.42
North Carolina	--	--	--	--	--	--	431.1	25.06	--	--	--	--
South Carolina	--	--	--	--	--	--	466.3	27.03	--	--	--	--
Virginia	--	--	--	--	--	--	428.4	24.82	--	--	--	--
West Virginia	--	--	--	--	--	--	481.9	28.18	--	--	--	--
East South Central	--	--	--	178	177.1	11.31	462.6	26.92	361.7	22.11	177.1	11.31
Alabama	--	--	--	--	--	--	461.7	26.51	--	--	--	--
Kentucky	--	--	--	--	--	--	454.9	26.48	--	--	--	--
Mississippi	--	--	--	178	177.1	11.31	489.2	28.52	361.7	22.11	177.1	11.31
Tennessee	--	--	--	--	--	--	457.3	26.77	--	--	--	--
West South Central	1	218.3	14.21	132	209.5	13.43	457.9	26.47	--	--	209.6	13.44
Arkansas	--	--	--	--	--	--	472.7	27.15	--	--	--	--
Louisiana	1	218.3	14.21	132	209.5	13.43	418.9	24.63	--	--	209.6	13.44
Oklahoma	--	--	--	--	--	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	528.0	30.86	--	--	--	--
Arizona	--	--	--	--	--	--	492.5	29.54	--	--	--	--
Colorado	--	--	--	--	--	--	477.5	27.47	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	1,233.7	73.06	--	--	--	--
Nevada	--	--	--	--	--	--	523.5	30.45	--	--	--	--
New Mexico	--	--	--	--	--	--	527.6	30.14	--	--	--	--
Utah	--	--	--	--	--	--	510.6	30.02	--	--	--	--
Wyoming	--	--	--	--	--	--	492.7	28.97	--	--	--	--
Pacific	--	--	--	--	--	--	460.9	27.10	--	--	--	--
California	--	--	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	460.9	27.10	--	--	--	--
Pacific Noncontiguous	510	321.4	20.11	--	--	--	--	--	--	--	321.4	20.11
Alaska	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii	510	321.4	20.11	--	--	--	--	--	--	--	321.4	20.11
U. S. Total	6,178	269.9	17.22	4,212	248.5	15.78	447.8	26.03	367.4	22.42	261.2	16.63

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 1993 are preliminary.

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

Table 47. Receipts and Average Cost of Heavy Oil Delivered to Electric Utilities by Sulfur Content, Census Division, and State, May 1993

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 per 10 ⁶ Btu)	(\$ per bbl)	(1,000 bbls)	(Cents per 10 ⁶ Btu)	(\$ per bbl)	(1,000 bbls)	(Cents per 10 ⁶ Btu)	(\$ per bbl)
New England	--	--	--	260	289.7	18.38	1,208	246.1	15.77
Connecticut	--	--	--	95	310.7	19.67	207	254.8	16.48
Maine	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	165	277.6	17.63	1,001	244.3	15.62
New Hampshire	--	--	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--
Middle Atlantic	672	295.5	18.54	6	285.8	18.05	1,168	295.6	18.90
New Jersey	149	316.3	19.70	*	431.0	25.83	--	--	--
New York	523	289.7	18.21	--	--	--	1,155	295.9	18.91
Pennsylvania	--	--	--	6	281.2	17.79	13	275.9	17.70
East North Central	--	--	--	--	--	--	219	291.0	18.44
Illinois	--	--	--	--	--	--	159	298.3	19.09
Indiana	--	--	--	--	--	--	--	--	--
Michigan	--	--	--	--	--	--	59	270.7	16.71
Ohio	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--
West North Central	--	--	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--
South Atlantic	--	--	--	--	--	--	3,129	255.9	16.33
Delaware	--	--	--	--	--	--	301	249.3	15.98
District of Columbia	--	--	--	--	--	--	--	--	--
Florida	--	--	--	--	--	--	2,759	256.8	16.39
Georgia	--	--	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	70	245.2	15.42
North Carolina	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--
East South Central	16	178.9	11.54	2	361.7	22.11	--	--	--
Alabama	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--
Mississippi	16	178.9	11.54	2	361.7	22.11	--	--	--
Tennessee	--	--	--	--	--	--	--	--	--
West South Central	--	--	--	--	--	--	1	218.3	14.21
Arkansas	--	--	--	--	--	--	--	--	--
Louisiana	--	--	--	--	--	--	1	218.3	14.21
Oklahoma	--	--	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--
Pacific	--	--	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	154	328.7	20.48	356	318.2	19.95	--	--	--
Alaska	--	--	--	--	--	--	--	--	--
Hawaii	154	328.7	20.48	356	318.2	19.95	--	--	--
U. S. Total	841	299.3	18.77	625	306.1	19.29	5,724	263.2	16.82

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. •Fuel Oil No. 2 has been omitted from this table. •Oil and petroleum are used interchangeably in this report. •Data for 1993 are preliminary.

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

Table 47. Receipts and Average Cost of Heavy Oil Delivered to Electric Utilities by Sulfur Content, Census Division, and State, May 1993 (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 per 10 ⁶ Btu)	(\$ per bbl)	(1,000 bbls)	(Cents per 10 ⁶ Btu)	(\$ per bbl)	(1,000 bbls)	(Cents per 10 ⁶ Btu)	(\$ per bbl)	(Cents per 10 ⁶ Btu)	(\$ per bbl)
New England	289	201.8	13.06	205	413.5	26.03	--	--	--	262.5	16.79
Connecticut	--	--	--	--	--	--	--	--	--	272.1	17.48
Maine	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	--	--	--	205	413.5	26.03	--	--	--	273.3	17.43
New Hampshire	289	201.8	13.06	--	--	--	--	--	--	201.8	13.06
Rhode Island	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--	--	--	295.6	18.77
New Jersey	--	--	--	--	--	--	--	--	--	316.5	19.71
New York	--	--	--	--	--	--	--	--	--	294.0	18.70
Pennsylvania	--	--	--	--	--	--	--	--	--	277.6	17.73
East North Central	--	--	--	--	--	--	--	--	--	291.0	18.44
Illinois	--	--	--	--	--	--	--	--	--	298.3	19.09
Indiana	--	--	--	--	--	--	--	--	--	--	--
Michigan	--	--	--	--	--	--	--	--	--	270.7	16.71
Ohio	--	--	--	--	--	--	--	--	--	--	--
Wisconsin	--	--	--	--	--	--	--	--	--	--	--
West North Central	--	--	--	3	193.6	12.00	--	--	--	193.6	12.00
Iowa	--	--	--	--	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--	--	--	--	--
Missouri	--	--	--	3	193.6	12.00	--	--	--	193.6	12.00
Nebraska	--	--	--	--	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	1,640	236.8	15.05	769	230.8	14.69	--	--	--	246.7	15.72
Delaware	10	303.0	19.06	--	--	--	--	--	--	251.0	16.08
District of Columbia	--	--	--	--	--	--	--	--	--	--	--
Florida	1,630	236.4	15.03	769	230.8	14.69	--	--	--	246.5	15.71
Georgia	--	--	--	--	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--	--	--	245.2	15.42
North Carolina	--	--	--	--	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--	--	--	--	--
East South Central	--	--	--	163	176.9	11.29	--	--	--	179.2	11.45
Alabama	--	--	--	--	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--	--	--	--	--
Mississippi	--	--	--	163	176.9	11.29	--	--	--	179.2	11.45
Tennessee	--	--	--	--	--	--	--	--	--	--	--
West South Central	132	209.5	13.43	--	--	--	--	--	--	209.6	13.44
Arkansas	--	--	--	--	--	--	--	--	--	--	--
Louisiana	132	209.5	13.43	--	--	--	--	--	--	209.6	13.44
Oklahoma	--	--	--	--	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--	--	--	--	--
Pacific	--	--	--	--	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--	--	--	321.4	20.11
Alaska	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	321.4	20.11
U. S. Total	2,062	230.0	14.67	1,140	255.6	16.24	--	--	--	261.2	16.63

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 1993 are preliminary.

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

**Table 48. Electric Utility Receipts of Gas by Type, Census Division, and State,
May 1993**

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	2,653	2,723	--	--	--	--	2,653	2,723
Connecticut	7	7	--	--	--	--	7	7
Maine	--	--	--	--	--	--	--	--
Massachusetts	2,536	2,605	--	--	--	--	2,536	2,605
New Hampshire	91	93	--	--	--	--	91	93
Rhode Island	--	--	--	--	--	--	--	--
Vermont	18	18	--	--	--	--	18	18
Middle Atlantic	13,103	13,535	--	--	--	--	13,103	13,535
New Jersey	1,031	1,067	--	--	--	--	1,031	1,067
New York	11,892	12,283	--	--	--	--	11,892	12,283
Pennsylvania	179	185	--	--	--	--	179	185
East North Central	1,301	1,319	1,254	157	--	--	2,555	1,475
Illinois	736	746	--	--	--	--	736	746
Indiana	247	252	--	--	--	--	247	252
Michigan	64	64	1,254	157	--	--	1,318	221
Ohio	52	53	--	--	--	--	52	53
Wisconsin	202	203	--	--	--	--	202	203
West North Central	1,115	1,103	--	--	--	--	1,115	1,103
Iowa	199	199	--	--	--	--	199	199
Kansas	606	593	--	--	--	--	606	593
Minnesota	133	134	--	--	--	--	133	134
Missouri	74	75	--	--	--	--	74	75
Nebraska	105	102	--	--	--	--	105	102
North Dakota	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--
South Atlantic	16,617	16,772	--	--	--	--	16,617	16,772
Delaware	99	102	--	--	--	--	99	102
District of Columbia	--	--	--	--	--	--	--	--
Florida	15,891	16,016	--	--	--	--	15,891	16,016
Georgia	67	69	--	--	--	--	67	69
Maryland	273	286	--	--	--	--	273	286
North Carolina	98	101	--	--	--	--	98	101
South Carolina	6	6	--	--	--	--	6	6
Virginia	173	182	--	--	--	--	173	182
West Virginia	9	9	--	--	--	--	9	9
East South Central	2,064	2,098	--	--	--	--	2,064	2,098
Alabama	259	261	--	--	--	--	259	261
Kentucky	15	15	--	--	--	--	15	15
Mississippi	1,791	1,822	--	--	--	--	1,791	1,822
Tennessee	--	--	--	--	--	--	--	--
West South Central	98,172	100,934	--	--	--	--	98,172	100,934
Arkansas	269	300	--	--	--	--	269	300
Louisiana	13,072	13,614	--	--	--	--	13,072	13,614
Oklahoma	10,155	10,641	--	--	--	--	10,155	10,641
Texas	74,676	76,380	--	--	--	--	74,676	76,380
Mountain	6,289	6,431	--	--	--	--	6,289	6,431
Arizona	1,709	1,759	--	--	--	--	1,709	1,759
Colorado	150	148	--	--	--	--	150	148
Idaho	--	--	--	--	--	--	--	--
Montana	14	17	--	--	--	--	14	17
Nevada	2,134	2,181	--	--	--	--	2,134	2,181
New Mexico	1,972	2,004	--	--	--	--	1,972	2,004
Utah	303	316	--	--	--	--	303	316
Wyoming	7	7	--	--	--	--	7	7
Pacific	19,916	20,521	--	--	--	--	19,916	20,521
California	19,915	20,521	--	--	--	--	19,915	20,521
Oregon	--	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--	--
Pacific Noncontiguous	1,442	1,440	--	--	--	--	1,442	1,440
Alaska	1,442	1,440	--	--	--	--	1,442	1,440
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	162,671	166,877	1,254	157	--	--	163,925	167,033

¹ Includes coke oven gas.

-- 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 1993 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 49. Receipts and Average Cost of Gas Delivered to Electric Utilities by Census Division and State

Census Division and State	May 1993 Receipts		May 1992 Receipts		Year to Date			
	(thousand Mcf)	(billion Btu)	(thousand Mcf)	(billion Btu)	Receipts (billion Btu)		Average Cost (cents per million Btu) ¹	
					1993	1992	1993	1992
New England	2,653	2,723	3,645	3,744	10,005	9,408	287.1	217.9
Connecticut	7	7	131	135	127	1,035	506.3	245.8
Maine	--	--	--	--	--	--	--	--
Massachusetts	2,536	2,605	3,311	3,404	9,744	7,875	285.2	216.2
New Hampshire	91	93	--	--	99	--	217.4	--
Rhode Island	--	--	82	84	--	234	--	196.2
Vermont	18	18	122	121	36	264	239.2	177.9
Middle Atlantic	13,103	13,535	22,401	23,066	69,016	85,543	278.8	222.7
New Jersey	1,031	1,067	1,531	1,588	4,211	8,597	245.7	188.5
New York	11,892	12,283	20,850	21,457	61,562	76,773	282.6	226.4
Pennsylvania	179	185	20	21	3,242	173	251.0	289.2
East North Central	2,555	1,475	4,227	3,723	8,879	17,610	261.5	202.9
Illinois	736	746	937	952	2,871	5,315	273.8	200.1
Indiana	247	252	1,030	1,031	2,167	4,257	274.2	231.7
Michigan	1,318	221	1,926	1,399	1,699	5,651	221.9	177.4
Ohio	52	53	83	85	1,082	1,300	258.7	225.5
Wisconsin	202	203	251	255	1,060	1,086	268.6	209.4
West North Central	1,115	1,103	1,570	1,526	4,779	6,206	271.1	193.9
Iowa	199	199	124	124	931	653	339.3	269.9
Kansas	606	593	1,177	1,133	2,770	3,322	249.8	185.1
Minnesota	133	134	186	187	370	1,519	262.8	165.7
Missouri	74	75	49	48	331	307	261.2	229.2
Nebraska	105	102	34	33	371	404	276.6	222.3
North Dakota	--	--	--	--	*	*	401.9	403.7
South Dakota	--	--	--	--	5	2	262.4	261.8
South Atlantic	16,617	16,772	21,788	22,099	72,046	89,552	251.6	200.4
Delaware	99	102	285	297	372	990	336.8	257.5
District of Columbia	--	--	--	--	--	--	--	--
Florida	15,891	16,016	19,448	19,635	61,877	78,660	244.0	195.8
Georgia	67	69	41	42	184	191	382.1	281.1
Maryland	273	286	918	963	1,394	2,393	291.7	238.7
North Carolina	98	101	175	181	714	1,069	379.4	257.8
South Carolina	6	6	8	8	107	848	325.4	150.4
Virginia	173	182	910	971	7,338	5,362	285.7	232.0
West Virginia	9	9	3	3	60	40	392.0	351.1
East South Central	2,064	2,098	5,308	5,420	4,737	21,289	253.2	159.5
Alabama	259	261	319	324	1,116	1,235	258.4	187.8
Kentucky	15	15	15	15	74	101	310.4	260.7
Mississippi	1,791	1,822	4,974	5,081	3,547	19,954	250.3	157.2
Tennessee	--	--	--	--	--	--	--	--
West South Central	98,172	100,934	116,940	120,281	461,855	499,404	253.4	198.9
Arkansas	269	300	3,874	3,958	1,541	13,065	142.6	140.0
Louisiana	13,072	13,614	25,399	26,347	56,898	91,201	239.3	151.7
Oklahoma	10,155	10,641	12,737	13,237	50,093	58,956	334.1	294.5
Texas	74,676	76,380	74,930	76,739	353,323	336,183	244.7	197.2
Mountain	6,289	6,431	8,750	9,019	27,114	30,375	243.9	176.3
Arizona	1,709	1,759	3,180	3,279	5,982	10,531	288.2	200.6
Colorado	150	148	93	93	803	607	240.0	199.7
Idaho	--	--	--	--	--	--	--	--
Montana	14	17	13	16	38	38	369.9	498.3
Nevada	2,134	2,181	2,596	2,669	7,471	8,192	243.3	150.2
New Mexico	1,972	2,004	2,372	2,424	10,597	8,492	229.2	169.7
Utah	303	316	492	532	2,175	2,477	193.8	169.3
Wyoming	7	7	4	4	48	38	312.2	326.7
Pacific Contiguous	19,916	20,521	42,060	43,404	182,521	217,378	308.0	247.7
California	19,915	20,521	42,038	43,381	177,335	212,737	310.5	249.5
Oregon	--	--	21	21	5,180	4,628	221.5	163.6
Washington	*	*	2	2	6	12	404.5	321.3
Pacific Noncontiguous	1,442	1,440	1,168	1,168	8,698	8,217	119.3	117.3
Alaska	1,442	1,440	1,168	1,168	8,698	8,217	119.3	117.3
Hawaii	--	--	--	--	--	--	--	--
U.S. Total	163,925	167,033	227,857	233,450	849,650	984,983	265.9	209.8

¹ Monetary values are expressed in nominal terms.

* Less than 0.5.

Notes: •Data for 1992 are final. Data for 1993 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. •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 50. Receipts and Average Cost of Gas Delivered to Electric Utilities by Type of Purchase, Census Division, and State, May 1993

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 per 10 ⁶ Btu)	(\$ per Mcf)	(1,000 Mcf)	(Cents per 10 ⁶ Btu)	(\$ per Mcf)	(1,000 Mcf)	(Cents per 10 ⁶ Btu)	(\$ per Mcf)	(1,000 Mcf)	(Cents per 10 ⁶ Btu)	(\$ per Mcf)
New England	8	909.4	9.42	2,645	290.2	2.98	--	--	--	2,653	292.0	3.00
Connecticut	7	970.0	9.99	--	--	--	--	--	--	7	970.0	9.99
Maine	--	--	--	--	--	--	--	--	--	--	--	--
Massachusetts	1	450.9	4.90	2,536	293.3	3.01	--	--	--	2,536	293.3	3.01
New Hampshire	--	--	--	91	217.3	2.21	--	--	--	91	217.3	2.21
Rhode Island	--	--	--	--	--	--	--	--	--	--	--	--
Vermont	--	--	--	18	228.6	2.28	--	--	--	18	228.6	2.28
Middle Atlantic	4,900	319.8	3.31	6,385	305.6	3.16	1,818	297.3	3.06	13,103	309.8	3.20
New Jersey	--	--	--	1,031	261.0	2.70	--	--	--	1,031	261.0	2.70
New York	4,896	319.8	3.31	5,348	314.1	3.25	1,648	295.9	3.04	11,892	314.0	3.24
Pennsylvania	4	322.4	3.32	5	352.5	3.61	170	310.5	3.20	179	312.0	3.21
East North Central	87	396.5	4.04	1,783	257.6	1.00	685	243.7	2.47	2,555	259.4	1.50
Illinois	36	418.0	4.22	41	313.5	3.16	659	240.9	2.44	736	253.5	2.57
Indiana	--	--	--	223	298.0	3.04	24	302.6	3.08	247	298.5	3.04
Michigan	--	388.5	3.88	1,317	175.9	.29	--	--	--	1,318	176.4	.30
Ohio	31	346.0	3.57	19	328.9	3.37	2	456.2	4.68	52	344.0	3.54
Wisconsin	20	436.9	4.44	182	285.4	2.86	--	--	--	202	300.6	3.02
West North Central	349	268.5	2.61	761	293.6	2.93	5	258.2	2.58	1,115	285.7	2.83
Iowa	25	430.0	4.34	174	354.9	3.55	--	--	--	199	364.4	3.65
Kansas	313	253.0	2.45	287	269.2	2.67	5	258.2	2.58	606	260.8	2.56
Minnesota	2	528.2	5.37	131	274.6	2.78	--	--	--	133	278.4	2.82
Missouri	--	--	--	74	275.6	2.79	--	--	--	74	275.6	2.79
Nebraska	9	282.4	2.82	96	295.2	2.87	--	--	--	105	294.0	2.87
North Dakota	--	--	--	--	--	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--	--	--	--	--	--
South Atlantic	13,765	266.9	2.68	2,454	276.0	2.82	397	371.8	3.88	16,617	270.9	2.73
Delaware	83	376.5	3.89	16	383.0	3.96	--	--	--	99	377.6	3.90
District of Columbia	--	--	--	--	--	--	--	--	--	--	--	--
Florida	13,682	266.2	2.68	1,985	256.6	2.62	224	272.5	2.83	15,891	265.1	2.67
Georgia	--	--	--	67	415.6	4.25	--	--	--	67	415.6	4.25
Maryland	--	--	--	273	327.4	3.43	--	--	--	273	327.4	3.43
North Carolina	--	--	--	98	377.1	3.90	--	--	--	98	377.1	3.90
South Carolina	--	--	--	6	329.5	3.37	--	--	--	6	329.5	3.37
Virginia	--	--	--	--	5,180.0	54.22	173	498.7	5.23	173	506.1	5.31
West Virginia	--	--	--	9	386.3	3.86	--	--	--	9	386.3	3.86
East South Central	2	259.8	2.48	2,049	284.3	2.89	13	382.8	3.92	2,064	284.9	2.90
Alabama	--	--	--	259	316.0	3.18	--	--	--	259	316.0	3.18
Kentucky	--	--	--	2	340.4	3.40	13	382.8	3.92	15	378.6	3.87
Mississippi	2	259.8	2.48	1,789	279.7	2.85	--	--	--	1,791	279.7	2.85
Tennessee	--	--	--	--	--	--	--	--	--	--	--	--
West South Central	80,543	283.8	2.92	12,454	246.7	2.50	5,175	253.3	2.63	98,172	277.6	2.85
Arkansas	269	153.6	1.71	--	--	--	--	--	--	269	153.6	1.71
Louisiana	9,808	294.1	3.06	825	276.7	2.89	2,440	259.9	2.72	13,072	286.6	2.98
Oklahoma	9,855	356.1	3.73	300	200.6	2.05	--	--	--	10,155	351.6	3.68
Texas	60,612	270.8	2.78	11,330	245.7	2.48	2,735	247.2	2.54	74,676	266.1	2.72
Mountain	1,471	315.6	3.22	3,548	248.6	2.54	1,271	258.2	2.66	6,289	266.2	2.72
Arizona	868	358.6	3.68	103	402.9	4.16	739	243.9	2.52	1,709	311.5	3.21
Colorado	95	262.9	2.58	55	226.2	2.25	--	--	--	150	249.3	2.46
Idaho	--	--	--	--	--	--	--	--	--	--	--	--
Montana	14	275.8	3.33	--	451.3	4.91	--	--	--	14	277.0	3.34
Nevada	--	--	--	1,602	226.8	2.32	532	278.2	2.85	2,134	239.6	2.45
New Mexico	494	250.1	2.53	1,478	258.9	2.64	--	--	--	1,972	256.7	2.61
Utah	--	--	--	303	262.3	2.73	--	--	--	303	262.3	2.73
Wyoming	--	--	--	7	327.7	3.47	--	--	--	7	327.7	3.47
Pacific	--	--	--	5,507	412.5	4.21	14,408	320.8	3.32	19,916	345.9	3.56
California	--	--	--	5,507	412.5	4.21	14,408	320.8	3.32	19,915	345.9	3.56
Oregon	--	--	--	--	--	--	--	--	--	--	--	--
Washington	--	--	--	--	731.0	7.68	--	--	--	--	731.0	7.68
Pacific Noncontiguous	1,442	116.9	1.17	--	--	--	--	--	--	1,442	116.9	1.17
Alaska	1,442	116.9	1.17	--	--	--	--	--	--	1,442	116.9	1.17
Hawaii	--	--	--	--	--	--	--	--	--	--	--	--
U. S. Total	102,567	281.6	2.89	37,586	290.8	2.88	23,772	299.6	3.10	163,925	286.3	2.92

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 1993 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 51. U.S. Electric Utility Sales of Electricity by Sector, 1983 Through June 1993
(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
1983	750,948	--	543,788	--	775,999	--	80,219	--	2,150,955	--
1984	777,654	780,092	578,281	582,621	840,588	837,836	81,849	85,248	2,278,372	2,285,796
1985	790,977	793,934	608,968	605,989	824,523	836,772	85,075	87,279	2,309,543	2,323,974
1986	817,663	819,088	641,469	630,520	808,292	830,531	83,409	88,615	2,350,835	2,386,753
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 ⁴										
January	91,310	--	62,441	--	76,760	--	7,725	--	238,235	--
February	82,022	--	59,876	--	76,312	--	7,507	--	225,717	--
March	73,635	--	59,574	--	78,741	--	7,542	--	219,491	--
April	68,322	--	58,081	--	77,607	--	7,448	--	211,458	--
May	64,662	--	60,559	--	80,191	--	7,767	--	213,179	--
June	70,745	--	65,209	--	82,900	--	7,901	--	226,755	--
July	88,510	--	71,445	--	84,195	--	8,392	--	252,541	--
August	88,251	--	70,844	--	85,013	--	8,327	--	252,435	--
September	79,400	--	68,437	--	83,182	--	8,441	--	239,460	--
October	69,838	--	63,985	--	82,678	--	7,766	--	224,267	--
November	69,970	--	60,131	--	80,421	--	7,462	--	217,984	--
December	87,378	--	63,082	--	77,358	--	7,725	--	235,543	--
1992 Total	934,044	--	763,664	--	965,356	--	94,003	--	2,757,067	--
1993 ⁴										
January	93,739	--	63,930	--	78,074	--	8,113	--	243,856	--
February	83,416	--	60,624	--	77,017	--	7,940	--	228,997	--
March	83,023	--	62,169	--	79,504	--	7,919	--	232,615	--
April	69,668	--	59,389	--	79,593	--	7,588	--	216,238	--
May	63,852	--	61,420	--	82,100	--	7,602	--	214,975	--
June	76,584	--	68,171	--	84,768	--	8,138	--	237,662	--
Year to Date										
1993 ⁴	470,282	--	375,703	--	481,058	--	47,299	--	1,374,343	--
1992 ⁴	450,697	--	365,740	--	472,509	--	45,890	--	1,334,836	--

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

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

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

⁴ Estimates for 1992 and prior years are final and 1993 are preliminary.

Notes: •Totals may not equal sum of components because of independent rounding. •Estimates for sales and net generation may not correspond exactly for a particular month. Net generation data are for the calendar month. Sales and associated 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 sales and generation data are not directly comparable.

Sources: •Monthly Series: 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 52. Electric Utility Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, June 1992 and 1993
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other ¹		All Sectors	
	1993	1992	1993	1992	1993	1992	1993	1992	1993	1992
New England	2,596	2,601	3,066	3,026	2,208	2,165	165	148	8,035	7,940
Connecticut	729	728	866	873	484	490	28	27	2,108	2,117
Maine	269	268	214	207	408	406	30	14	921	895
Massachusetts	1,062	1,100	1,496	1,484	814	807	80	82	3,453	3,473
New Hampshire	234	211	167	148	266	232	9	10	676	600
Rhode Island	167	170	202	198	121	119	13	14	503	500
Vermont	134	124	121	117	115	112	4	3	374	356
Middle Atlantic	7,375	7,237	8,924	8,559	7,825	7,737	1,112	1,084	25,235	24,618
New Jersey	1,691	1,653	2,501	2,270	1,282	1,254	33	33	5,507	5,210
New York	2,797	2,826	3,825	3,784	2,559	2,671	977	942	10,159	10,222
Pennsylvania	2,887	2,758	2,597	2,506	3,983	3,813	101	109	9,569	9,186
East North Central	10,592	9,753	10,131	9,532	17,742	17,463	1,271	1,263	39,737	38,012
Illinois	2,470	2,362	2,881	2,666	3,340	3,544	632	676	9,323	9,248
Indiana	1,730	1,577	1,441	1,320	3,565	3,228	36	50	6,772	6,175
Michigan	1,994	1,902	1,865	1,796	3,395	3,114	101	104	7,355	6,917
Ohio	3,128	2,676	2,823	2,635	5,659	5,841	396	383	12,006	11,535
Wisconsin	1,271	1,236	1,121	1,114	1,783	1,737	106	50	4,280	4,138
West North Central	5,666	4,998	4,836	4,456	6,025	5,760	408	405	16,936	15,619
Iowa	817	761	618	619	1,222	1,093	90	64	2,747	2,537
Kansas	789	653	917	778	797	656	31	28	2,535	2,115
Minnesota	1,162	1,117	735	712	2,005	2,041	48	75	3,950	3,945
Missouri	1,993	1,614	1,817	1,633	1,267	1,271	81	73	5,159	4,592
Nebraska	506	481	469	459	451	390	89	92	1,515	1,422
North Dakota	189	187	137	127	148	156	40	43	514	513
South Dakota	210	186	143	127	135	152	28	30	516	495
South Atlantic	19,439	16,802	15,027	13,599	14,157	13,452	1,625	1,428	50,247	45,280
Delaware	199	186	212	196	287	265	6	5	703	653
District of Columbia	130	98	504	427	289	264	29	28	952	817
Florida	6,789	6,389	4,870	4,631	1,352	1,341	427	411	13,439	12,772
Georgia	3,266	2,493	2,350	2,088	2,519	2,409	86	73	8,221	7,063
Maryland	1,574	1,348	997	868	1,785	1,740	63	53	4,419	4,009
North Carolina	2,862	2,394	2,417	2,147	3,157	2,935	170	142	8,606	7,618
South Carolina	1,649	1,298	1,185	1,029	2,416	2,370	77	69	5,328	4,765
Virginia	2,402	2,064	2,044	1,801	1,498	1,274	760	638	6,704	5,778
West Virginia	568	532	447	412	853	855	7	8	1,874	1,806
East South Central	7,031	6,156	3,696	3,241	10,406	9,860	422	391	21,555	19,648
Alabama	2,159	1,809	1,175	1,023	2,518	2,369	55	56	5,907	5,257
Kentucky	1,488	1,260	893	748	3,098	3,222	230	207	5,709	5,436
Mississippi	1,068	1,048	655	589	1,252	1,129	50	51	3,025	2,817
Tennessee	2,315	2,039	973	882	3,539	3,140	87	77	6,914	6,138
West South Central	11,219	10,812	8,362	8,083	11,996	11,273	1,435	1,339	33,012	31,506
Arkansas	841	802	578	545	971	960	49	56	2,440	2,363
Louisiana	2,095	2,056	1,299	1,259	2,431	2,329	225	246	6,049	5,890
Oklahoma	1,242	1,095	968	870	1,042	994	187	179	3,439	3,138
Texas	7,041	6,859	5,517	5,409	7,552	6,990	974	858	21,084	20,115
Mountain	4,250	3,976	4,859	4,958	4,756	5,208	626	665	14,491	14,806
Arizona	1,481	1,366	1,349	1,294	939	874	150	160	3,919	3,694
Colorado	834	751	1,272	1,221	618	507	79	85	2,804	2,565
Idaho	355	398	513	800	609	1,063	31	93	1,508	2,354
Montana	222	210	229	231	493	573	34	43	978	1,057
Nevada	560	537	369	395	609	649	78	88	1,617	1,669
New Mexico	331	281	467	405	409	366	142	108	1,348	1,160
Utah	344	313	438	432	535	549	103	62	1,420	1,356
Wyoming	123	118	222	179	542	628	9	26	896	952
Pacific Contiguous	8,108	8,099	8,908	9,388	9,289	9,626	1,047	1,161	27,352	28,274
California	5,223	5,378	6,393	6,962	5,079	5,135	725	720	17,421	18,195
Oregon	965	934	966	998	1,282	1,318	49	78	3,262	3,327
Washington	1,920	1,787	1,549	1,428	2,927	3,173	273	363	6,669	6,751
Pacific Noncontiguous	308	312	362	366	365	356	27	17	1,062	1,051
Alaska	105	113	158	157	43	34	22	13	327	317
Hawaii	204	199	204	209	322	322	4	5	735	734
U.S. Total	78,584	70,745	68,171	65,209	84,768	82,900	8,138	7,901	237,662	226,755

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

Notes: •Estimates for 1992 are final and 1993 are preliminary. •Totals may not equal sum of components because of independent rounding. •Estimated sales are based on the 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. Sales and associated 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 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 53. Estimated Coefficients of Variation for Electric Utility Sales of Electricity by
Census Division and State, June 1993
(Percent)**

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.4	0.3	0.4	2.8	0.4
Connecticut	.7	.7	1.0	1.9	.8
Maine	.4	.1	.4	10.7	.9
Massachusetts	.8	.5	.6	3.9	.7
New Hampshire	1.1	.8	1.4	1.2	1.0
Rhode Island	.0	.2	.0	.8	.1
Vermont	2.0	.3	3.7	17.1	1.0
Middle Atlantic	1.6	.6	.6	1.6	.6
New Jersey	2.0	.6	.5	1.4	1.1
New York	1.8	1.0	.9	.7	.9
Pennsylvania	3.6	1.0	.9	16.0	1.0
East North Central	1.0	1.0	1.0	4.7	.6
Illinois	1.2	3.3	1.0	.3	1.3
Indiana	1.5	1.8	.8	21.1	1.5
Michigan	1.0	.6	.5	6.3	.5
Ohio	3.1	1.1	2.9	2.7	1.6
Wisconsin	.9	.2	1.2	55.3	.5
West North Central	1.8	1.1	1.5	5.6	1.2
Iowa	1.9	1.4	4.3	13.0	2.8
Kansas	8.5	4.6	8.4	9.4	6.5
Minnesota	2.6	2.5	1.1	3.5	1.5
Missouri	3.5	.9	1.1	8.5	.6
Nebraska	3.6	3.0	2.0	19.9	2.3
North Dakota	1.9	2.9	1.3	1.9	1.4
South Dakota	2.8	5.9	4.8	10.1	2.1
South Atlantic	.9	.5	.5	.4	.3
Delaware	.3	.6	.6	3.4	.2
District of Columbia	.0	.0	.0	.0	.0
Florida	.9	.9	4.5	1.1	.5
Georgia	2.5	1.1	.4	3.0	.1
Maryland	1.0	1.1	.4	4.5	.6
North Carolina	4.5	1.9	.8	1.1	1.4
South Carolina	3.3	.9	1.5	1.7	1.0
Virginia	2.1	.6	.2	.3	.9
West Virginia	.6	.4	1.4	6.5	.2
East South Central	2.3	2.1	1.3	2.0	1.1
Alabama	5.6	4.6	2.1	6.3	2.4
Kentucky	5.2	2.4	2.7	.9	2.4
Mississippi	4.5	4.0	4.2	14.7	4.4
Tennessee	2.8	4.5	2.3	1.8	.9
West South Central	1.3	.6	.9	.5	.8
Arkansas	1.2	1.3	2.4	8.6	1.7
Louisiana	2.3	1.5	.8	1.5	1.3
Oklahoma	4.7	2.8	2.3	.3	3.0
Texas	1.8	.7	1.3	.4	1.0
Mountain	.9	1.2	.8	11.3	.8
Arizona	.6	.3	.9	2.0	.4
Colorado	3.5	3.9	2.3	19.1	3.1
Idaho	1.1	3.4	3.3	20.6	1.1
Montana	.5	1.2	2.8	3.0	3.0
Nevada	3.2	1.5	.4	.4	1.8
New Mexico	4.3	1.4	4.3	1.1	3.7
Utah	.6	1.2	2.3	67.2	1.0
Wyoming	2.0	8.6	1.5	19.8	2.0
Pacific Contiguous	1.0	2.4	2.6	2.9	.9
California	.7	3.3	3.6	3.4	.8
Oregon	3.5	.1	2.1	27.7	.4
Washington	3.1	1.5	5.6	3.8	2.8
Pacific Noncontiguous	.2	.4	.5	32.5	.5
Alaska	.5	.9	2.4	38.9	1.3
Hawaii	.1	.3	.5	.2	.3
U.S. Total	.5	.4	.4	1.3	.3

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. •Estimates for 1993 are preliminary.
Sources: Energy Information Administration, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions."

Table 54. Electric Utility Sales of Electricity to Ultimate Consumers by Sector, Census Division, and State, January Through June 1992 and 1993
(Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Other ¹		All Sectors	
	1993	1992	1993	1992	1993	1992	1993	1992	1993	1992
New England	19,605	19,792	18,956	18,810	12,756	12,902	1,090	1,020	52,407	52,524
Connecticut	5,387	5,406	5,166	5,204	2,674	2,784	182	188	13,409	13,582
Maine	1,980	2,061	1,362	1,358	2,416	2,353	170	84	5,927	5,855
Massachusetts	8,162	8,242	9,368	9,233	4,649	4,720	571	571	22,750	22,766
New Hampshire	1,824	1,821	1,067	1,033	1,646	1,651	55	60	4,592	4,565
Rhode Island	1,222	1,224	1,231	1,226	694	676	89	91	3,236	3,218
Vermont	1,031	1,038	761	756	678	718	22	26	2,493	2,538
Middle Atlantic	50,513	50,624	52,453	51,529	44,712	45,178	6,810	6,895	154,489	154,227
New Jersey	10,276	9,896	13,756	13,258	7,097	7,298	240	238	31,369	30,691
New York	19,274	19,789	22,902	22,703	14,967	15,620	5,898	5,929	63,041	64,041
Pennsylvania	20,964	20,938	15,796	15,569	22,648	22,261	672	728	60,079	59,496
East North Central	71,061	68,182	58,390	55,572	101,997	100,281	7,933	7,698	239,381	231,733
Illinois	16,870	16,052	16,927	15,512	19,474	20,664	4,248	4,213	57,519	56,440
Indiana	12,028	11,114	8,159	7,672	19,715	18,312	234	318	40,136	37,416
Michigan	12,942	12,817	10,676	10,450	18,498	17,398	635	613	42,752	41,278
Ohio	20,719	19,681	15,978	15,462	33,961	34,133	2,190	2,239	72,848	71,514
Wisconsin	8,501	8,518	6,650	6,476	10,349	9,775	626	315	26,126	25,084
West North Central	35,587	33,267	26,575	24,947	34,073	32,437	2,715	2,370	98,950	93,020
Iowa	5,451	5,042	3,618	3,393	6,667	5,967	720	393	16,456	14,794
Kansas	4,570	3,981	4,828	4,429	4,485	3,917	205	174	14,088	12,501
Minnesota	7,550	7,681	4,216	4,183	11,856	11,573	316	406	23,938	23,844
Missouri	11,208	10,223	9,550	8,831	6,845	7,042	469	440	28,073	26,536
Nebraska	3,445	3,266	2,630	2,529	2,426	2,111	541	536	9,042	8,442
North Dakota	1,743	1,643	934	858	932	977	260	235	3,869	3,712
South Dakota	1,619	1,431	798	724	863	851	204	185	3,485	3,191
South Atlantic	108,388	102,708	78,551	74,927	77,478	75,499	8,896	8,520	273,313	261,655
Delaware	1,478	1,429	1,257	1,207	1,625	1,544	29	30	4,389	4,209
District of Columbia	750	723	2,607	2,478	1,432	1,415	169	167	4,957	4,783
Florida	32,863	32,407	25,227	24,167	7,952	7,935	2,210	2,218	68,251	66,727
Georgia	15,034	13,761	11,843	11,246	13,977	13,254	482	426	41,336	38,687
Maryland	10,549	9,871	5,454	5,120	9,826	9,665	406	348	26,234	24,993
North Carolina	18,146	16,985	12,664	12,105	16,210	15,661	912	854	47,931	45,604
South Carolina	9,488	8,434	6,083	5,658	12,879	12,758	398	390	28,848	27,240
Virginia	15,708	14,838	10,789	10,367	8,335	8,016	4,244	4,043	39,076	37,264
West Virginia	4,372	4,261	2,629	2,581	5,242	5,252	47	54	12,289	12,149
East South Central	40,416	37,922	18,959	17,993	59,478	55,923	2,421	2,366	121,273	114,204
Alabama	10,287	9,775	5,597	5,333	14,638	13,617	329	328	30,850	29,053
Kentucky	9,016	8,323	4,721	4,360	18,931	18,340	1,313	1,253	33,982	32,276
Mississippi	5,744	5,411	3,239	2,987	6,762	6,369	269	283	16,013	15,050
Tennessee	15,368	14,413	5,403	5,312	19,147	17,597	511	503	40,429	37,825
West South Central	56,888	55,052	43,261	42,748	67,235	64,110	7,530	7,286	174,913	169,196
Arkansas	5,180	4,605	3,010	2,863	5,457	5,197	259	305	13,906	12,970
Louisiana	9,106	9,332	6,384	6,453	13,860	13,397	1,178	1,242	30,528	30,424
Oklahoma	6,847	6,063	4,996	4,682	5,809	5,562	1,024	982	18,677	17,289
Texas	35,754	35,053	28,870	28,751	42,109	39,953	5,069	4,757	111,803	108,513
Mountain	26,334	24,867	25,684	25,880	27,754	29,142	3,620	2,984	83,392	82,872
Arizona	7,317	7,102	6,759	6,666	5,356	4,880	764	801	20,196	19,450
Colorado	5,757	5,247	7,201	7,260	3,466	3,054	459	337	16,883	15,898
Idaho	3,283	3,240	2,222	2,761	3,567	5,576	168	197	9,240	11,774
Montana	1,845	1,600	1,463	1,366	2,895	3,279	248	240	6,452	6,485
Nevada	2,849	2,721	2,020	1,958	3,437	3,518	785	430	9,091	8,627
New Mexico	1,932	1,854	2,292	2,255	2,324	2,081	678	576	7,226	6,766
Utah	2,337	2,158	2,492	2,499	2,999	2,997	451	327	8,279	7,981
Wyoming	1,015	944	1,235	1,115	3,710	3,756	67	77	6,027	5,891
Pacific Contiguous	59,444	56,206	50,699	51,151	53,507	54,990	6,144	6,633	169,795	168,981
California	32,645	32,345	34,850	36,264	29,513	28,652	3,833	4,207	100,841	101,469
Oregon	9,036	7,896	5,970	5,877	7,047	7,462	303	252	22,356	21,488
Washington	17,763	15,965	9,879	9,010	16,948	18,876	2,008	2,174	46,598	46,024
Pacific Noncontiguous	2,048	2,077	2,175	2,182	2,068	2,047	139	117	6,429	6,423
Alaska	834	874	1,032	1,035	236	209	110	89	2,213	2,207
Hawaii	1,213	1,202	1,142	1,147	1,832	1,838	28	29	4,216	4,216
U.S. Total	470,282	450,697	375,703	365,740	481,058	472,509	47,299	45,890	1,374,343	1,334,836

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

Notes: •Estimates for 1992 are final and 1993 are preliminary. •Totals may not equal sum of components because of independent rounding. •Estimated sales and associated revenue are based on 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 55. Revenue From U.S. Electric Utility Sales of Electricity to Ultimate Consumers by Sector, 1983 Through June 1993
(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
1983	NA	—	NA	—	NA	—	NA	—	NA	—
1984	NA	55,815	NA	41,536	NA	40,466	NA	5,031	NA	142,849
1985	NA	58,710	NA	44,082	NA	41,580	NA	5,312	NA	149,684
1986	NA	60,773	NA	45,386	NA	40,982	NA	5,412	NA	152,553
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	72,332	72,378	55,080	55,117	44,453	44,857	5,941	5,891	177,806	178,243
1991	77,142	76,828	57,471	57,655	45,803	45,737	6,207	6,138	186,624	186,359
1992 ³										
January	7,044	—	4,543	—	3,589	—	500	—	15,677	—
February	6,392	—	4,404	—	3,590	—	476	—	14,862	—
March	5,908	—	4,412	—	3,694	—	487	—	14,500	—
April	5,499	—	4,298	—	3,636	—	476	—	13,909	—
May	5,436	—	4,588	—	3,812	—	504	—	14,340	—
June	6,112	—	5,124	—	4,092	—	543	—	15,870	—
July	7,587	—	5,649	—	4,334	—	577	—	18,147	—
August	7,586	—	5,605	—	4,304	—	573	—	18,068	—
September	6,847	—	5,443	—	4,254	—	580	—	17,124	—
October	5,912	—	5,030	—	4,051	—	533	—	15,525	—
November	5,707	—	4,518	—	3,764	—	502	—	14,491	—
December	6,879	—	4,659	—	3,650	—	509	—	15,697	—
1992 Total	76,907	—	58,273	—	46,770	—	6,260	—	188,209	—
1993 ³										
January	7,262	—	4,672	—	3,634	—	531	—	16,099	—
February	6,512	—	4,462	—	3,590	—	511	—	15,074	—
March	6,487	—	4,607	—	3,740	—	508	—	15,342	—
April	5,672	—	4,441	—	3,669	—	513	—	14,295	—
May	5,473	—	4,754	—	3,895	—	525	—	14,647	—
June	6,705	—	5,439	—	4,218	—	574	—	16,937	—
Year to Date										
1993 ³	38,111	—	28,375	—	22,747	—	3,162	—	92,395	—
1992 ³	36,390	—	27,369	—	22,412	—	2,986	—	89,158	—

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

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

³ Estimates for 1992 and prior years are final, and 1993 estimates are preliminary. For further information, see the technical notes.

NA = Data not available.

Notes: •Totals may not equal sum of components because of independent rounding. •Monetary values are expressed in nominal terms. •Estimated sales and associated revenue are based on sales by the utilities in the sample.

Sources: •**Monthly Series:** 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 56. Electric Utility Revenue from Sales of Electricity to Ultimate Consumers by Sector, Census Division and State, June 1992 and 1993
(Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Other ¹		All Sectors	
	1993	1992	1993	1992	1993	1992	1993	1992	1993	1992
New England	305	283	315	285	184	170	21	19	826	757
Connecticut	89	82	94	88	43	40	4	4	229	215
Maine	30	30	18	18	25	24	2	2	76	73
Massachusetts	125	117	154	134	75	69	11	9	364	329
New Hampshire	30	24	19	16	24	19	1	1	75	60
Rhode Island	20	19	21	19	11	11	2	2	53	51
Vermont	12	11	10	10	8	8	*	*	29	29
Middle Atlantic	889	836	960	883	518	521	120	110	2,487	2,350
New Jersey	202	192	257	227	106	99	7	7	572	526
New York	393	371	480	446	181	185	100	90	1,154	1,093
Pennsylvania	295	273	224	210	231	236	13	13	762	732
East North Central	935	877	765	736	822	833	89	95	2,610	2,540
Illinois	274	267	237	232	181	208	46	52	737	758
Indiana	124	116	84	81	136	126	4	5	348	326
Michigan	163	158	156	150	192	187	10	11	522	505
Ohio	283	248	221	207	241	244	24	24	769	723
Wisconsin	91	89	67	67	72	68	5	4	235	228
West North Central	470	409	338	307	291	264	29	25	1,129	1,006
Iowa	73	69	42	41	50	47	7	4	172	161
Kansas	63	58	62	51	43	30	3	2	170	142
Minnesota	89	76	50	42	93	86	4	5	236	209
Missouri	176	143	135	126	72	69	6	5	388	343
Nebraska	39	36	31	29	20	16	6	5	96	87
North Dakota	14	13	10	9	8	8	2	2	33	32
South Dakota	16	14	9	9	7	8	1	1	34	32
South Atlantic	1,612	1,349	1,035	918	706	659	105	93	3,458	3,019
Delaware	20	18	17	16	15	13	1	1	52	47
District of Columbia	11	7	43	35	21	18	2	2	76	62
Florida	547	485	328	298	72	66	29	27	976	877
Georgia	276	208	172	155	122	120	8	6	579	489
Maryland	152	126	86	75	115	109	6	5	358	315
North Carolina	234	197	157	142	159	147	12	10	562	496
South Carolina	123	101	73	62	104	99	4	4	305	266
Virginia	212	172	133	113	64	54	43	37	452	376
West Virginia	37	34	26	23	33	33	1	1	97	91
East South Central	457	396	237	207	423	405	25	24	1,143	1,031
Alabama	150	124	80	70	116	108	3	4	349	306
Kentucky	90	78	48	41	98	106	11	10	247	236
Mississippi	80	76	48	42	56	50	5	4	189	173
Tennessee	138	118	60	53	153	140	6	6	358	317
West South Central	924	886	579	561	529	492	95	83	2,127	2,023
Arkansas	74	75	42	42	51	54	4	4	171	175
Louisiana	163	154	94	88	107	91	16	15	380	349
Oklahoma	99	84	68	60	47	42	12	12	226	198
Texas	589	573	375	371	324	305	63	52	1,350	1,300
Mountain	342	315	336	329	215	221	37	39	930	904
Arizona	152	140	125	119	58	55	11	11	346	325
Colorado	64	56	78	73	30	25	6	8	178	162
Idaho	18	21	22	33	16	33	1	3	59	90
Montana	12	11	11	11	14	15	1	2	39	40
Nevada	32	33	25	24	35	32	4	4	96	94
New Mexico	21	25	39	35	20	18	8	6	98	84
Utah	24	22	26	24	21	21	4	3	75	69
Wyoming	8	7	11	9	20	22	1	2	39	40
Pacific Contiguous	732	728	835	863	497	501	51	53	2,115	2,144
California	602	608	723	756	391	394	38	38	1,754	1,796
Oregon	47	45	46	46	40	39	3	4	137	134
Washington	83	75	66	60	66	68	9	11	224	214
Pacific Noncontiguous	37	32	39	36	32	25	3	2	111	96
Alaska	12	12	15	16	4	3	2	2	33	32
Hawaii	25	20	24	20	29	23	1	*	78	63
U.S. Total	6,705	6,112	5,439	5,124	4,218	4,092	574	543	16,937	15,870

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

* Less than 0.5.

Notes: •Estimate. for 1992 are final; 1993 estimates are preliminary. •Totals may not equal sum of components because of independent rounding.

•Monetary values are expressed in nominal terms. •Estimated sales and associated revenue are based on 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 57. Estimated Coefficients of Variation of Revenue from Electric Utility Sales of Electricity by Census Division and State, June 1993
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.7	1.0	1.0	1.2	0.8
Connecticut	.5	.9	1.6	.6	.9
Maine	.1	.2	1.0	4.2	.8
Massachusetts	1.7	1.9	2.0	2.2	1.7
New Hampshire	1.0	.5	1.5	.6	.3
Rhode Island	.0	.4	.3	.8	.2
Vermont	.9	.2	6.0	1.4	2.3
Middle Atlantic	1.3	.5	1.5	2.9	.6
New Jersey	1.8	.8	.5	.3	1.2
New York	1.6	.6	1.6	3.3	.9
Pennsylvania	3.2	1.5	3.1	7.7	.7
East North Central	1.5	1.2	.7	2.2	.9
Illinois	2.6	3.6	.6	.1	2.0
Indiana	1.9	1.6	1.4	8.8	1.8
Michigan	2.3	.5	1.0	.9	1.1
Ohio	3.9	1.7	2.0	3.9	1.9
Wisconsin	1.5	.4	.6	30.4	.5
West North Central	2.5	1.7	1.7	5.5	1.9
Iowa	1.3	1.1	3.9	13.0	1.4
Kansas	10.8	6.5	6.7	9.9	7.6
Minnesota	3.8	5.0	2.1	1.3	3.2
Missouri	5.1	2.0	4.3	6.6	3.6
Nebraska	5.8	6.2	1.8	20.3	5.7
North Dakota	2.5	3.6	2.6	2.5	2.8
South Dakota	4.3	3.1	2.9	7.4	3.8
South Atlantic	1.1	.6	.6	.8	.6
Delaware	.9	1.1	5.7	.2	1.3
District of Columbia	.0	.0	.0	.0	.0
Florida	1.5	1.5	4.5	2.5	1.4
Georgia	4.3	1.1	.0	2.1	.4
Maryland	1.8	2.5	.8	.6	1.7
North Carolina	3.2	1.9	.5	1.3	1.5
South Carolina	3.3	1.2	1.6	2.1	1.5
Virginia	3.1	1.0	.7	.5	1.9
West Virginia	.6	.7	1.3	.3	.5
East South Central	2.4	2.3	.8	1.9	1.4
Alabama	5.3	4.7	.6	5.1	3.3
Kentucky	7.3	4.7	2.4	1.0	3.6
Mississippi	2.7	2.1	2.9	9.6	2.4
Tennessee	2.8	4.9	1.2	1.1	1.5
West South Central	1.4	1.5	1.4	1.6	1.4
Arkansas	1.4	.5	1.6	6.5	1.1
Louisiana	2.4	1.4	1.3	4.3	1.6
Oklahoma	4.3	4.6	.2	.5	3.2
Texas	2.0	2.2	2.2	2.2	2.1
Mountain	1.1	1.1	1.4	7.5	1.0
Arizona	1.0	1.4	2.9	6.0	1.4
Colorado	3.9	3.9	2.5	10.1	3.1
Idaho	1.0	3.4	4.6	19.0	1.3
Montana	2.6	3.3	4.4	2.0	2.2
Nevada	2.6	2.2	1.7	3.5	2.3
New Mexico	6.3	2.5	9.8	2.2	5.7
Utah	1.3	.3	2.6	62.5	.1
Wyoming	.5	6.1	1.8	11.5	1.1
Pacific Contiguous	.7	2.3	6.2	3.7	1.8
California	.3	2.6	7.7	4.3	2.1
Oregon	5.7	.1	2.9	14.9	1.4
Washington	4.4	2.1	9.9	7.6	4.8
Pacific Noncontiguous	1.1	.6	.5	18.4	.8
Alaska	1.6	.9	2.6	22.8	1.4
Hawaii	1.5	.8	.5	1.4	.9
U.S. Total	.5	.5	.8	1.0	.4

¹ Includes public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.
Notes: *Estimates for 1993 are preliminary. *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 58. Electric Utility Revenue from Sales to Ultimate Consumers by Sector, Census Division, and State, January Through June 1992 and 1993
(Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Other ¹		All Sectors	
	1993	1992	1993	1992	1993	1992	1993	1992	1993	1992
New England	2,192	2,120	1,836	1,744	1,053	1,049	130	114	5,211	5,027
Connecticut	615	593	527	514	228	227	26	26	1,397	1,360
Maine	229	236	136	133	178	171	17	11	559	551
Massachusetts	888	845	862	799	392	404	66	56	2,208	2,105
New Hampshire	221	206	116	107	140	133	8	8	486	454
Rhode Island	135	134	121	118	61	60	10	9	328	321
Vermont	103	105	74	73	53	55	3	3	232	236
Middle Atlantic	5,520	5,326	5,152	4,853	2,856	2,899	643	608	14,172	13,685
New Jersey	1,127	1,049	1,328	1,227	568	559	42	40	3,065	2,876
New York	2,467	2,346	2,520	2,356	933	942	522	485	6,442	6,129
Pennsylvania	1,926	1,931	1,305	1,270	1,355	1,397	79	82	4,663	4,681
East North Central	5,689	5,542	4,197	4,069	4,629	4,666	520	526	15,036	14,803
Illinois	1,600	1,579	1,244	1,195	991	1,092	272	279	4,107	4,145
Indiana	792	755	474	460	759	712	23	26	2,047	1,953
Michigan	1,043	1,036	887	865	1,058	1,046	60	59	3,047	3,007
Ohio	1,657	1,591	1,196	1,165	1,406	1,419	134	139	4,393	4,314
Wisconsin	598	581	396	383	415	397	33	23	1,442	1,384
West North Central	2,491	2,357	1,643	1,554	1,485	1,401	166	146	5,785	5,457
Iowa	421	402	221	210	246	237	41	24	928	873
Kansas	343	311	320	294	219	191	18	16	900	812
Minnesota	532	501	258	241	518	481	24	28	1,331	1,251
Missouri	772	748	585	565	318	325	33	31	1,707	1,670
Nebraska	206	195	149	140	99	82	33	32	486	450
North Dakota	107	99	61	55	46	45	10	9	222	209
South Dakota	110	100	51	48	40	39	8	6	210	193
South Atlantic	8,381	7,840	5,188	4,954	3,540	3,483	566	549	17,676	16,827
Delaware	125	119	87	83	78	71	3	3	293	276
District of Columbia	49	43	171	150	75	70	11	10	306	273
Florida	2,633	2,520	1,696	1,609	410	396	148	151	4,887	4,676
Georgia	1,126	1,028	885	846	652	635	42	37	2,706	2,546
Maryland	810	753	370	339	496	505	32	30	1,708	1,626
North Carolina	1,443	1,354	819	787	771	718	65	61	3,098	2,950
South Carolina	685	640	377	341	514	512	23	23	1,599	1,516
Virginia	1,237	1,124	632	654	338	346	237	230	2,443	2,353
West Virginia	273	260	152	140	207	200	4	4	636	611
East South Central	2,479	2,321	1,201	1,140	2,360	2,275	141	140	6,182	5,877
Alabama	681	651	375	368	611	600	19	22	1,687	1,641
Kentucky	507	467	251	231	608	597	62	58	1,427	1,353
Mississippi	404	379	240	216	306	280	24	24	974	900
Tennessee	888	823	335	320	835	798	36	36	2,094	1,983
West South Central	4,280	4,170	2,978	2,890	2,890	2,719	489	438	10,638	10,217
Arkansas	415	383	206	200	258	267	18	21	896	874
Louisiana	695	698	473	467	598	544	89	82	1,855	1,791
Oklahoma	473	426	299	275	228	207	57	48	1,056	955
Texas	2,697	2,664	2,001	1,945	1,807	1,701	325	286	6,830	6,596
Mountain	1,947	1,830	1,697	1,668	1,165	1,171	210	169	5,019	4,837
Arizona	686	660	572	555	305	290	48	51	1,611	1,556
Colorado	417	368	420	407	160	139	35	29	1,031	943
Idaho	163	161	101	124	100	156	8	7	372	448
Montana	104	96	76	71	89	93	10	11	279	271
Nevada	182	172	131	123	156	150	33	20	502	464
New Mexico	175	168	189	188	113	99	52	32	530	487
Utah	160	150	147	142	111	110	19	14	438	416
Wyoming	59	56	62	57	131	134	4	5	256	252
Pacific Contiguous	4,890	4,670	4,253	4,284	2,582	2,601	282	280	12,007	11,835
California	3,657	3,602	3,516	3,601	1,948	1,962	193	197	9,313	9,362
Oregon	439	385	296	284	234	226	19	16	989	911
Washington	794	683	441	398	400	412	69	68	1,705	1,561
Pacific Noncontiguous	240	214	229	214	185	149	15	16	670	593
Alaska	91	92	95	100	21	16	12	13	220	222
Hawaii	148	122	134	114	165	133	3	3	450	371
U.S. Total	38,111	36,390	28,375	27,369	22,747	22,412	3,162	2,986	92,395	89,158

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

Notes: •Estimates for 1992 are final and 1993 are preliminary. •Totals may not equal sum of components because of independent rounding. •Estimated sales and associated revenue are based on 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 59. U.S. Electric Utility Average Revenue per Kilowatthour by Sector, 1983 Through June 1993
(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
1983	7.2	--	7.0	--	5.0	--	6.4	--	6.3	--
1984	7.5	7.2	7.3	7.1	5.0	4.8	6.8	5.9	6.5	6.3
1985	7.8	7.4	7.5	7.3	5.2	5.0	7.0	6.1	6.7	6.4
1986	7.4	7.4	7.1	7.2	4.9	4.9	6.6	6.1	6.4	6.4
1987	7.4	7.4	7.0	7.1	4.7	4.8	6.6	6.2	6.3	6.4
1988	7.5	7.5	7.1	7.0	4.6	4.7	6.0	6.2	6.3	6.4
1989	7.6	7.6	7.2	7.2	4.7	4.7	6.2	6.2	6.4	6.5
1990	7.8	7.8	7.3	7.3	4.7	4.7	6.2	6.4	6.6	6.6
1991	8.1	8.0	7.5	7.5	4.8	4.8	6.4	6.5	6.8	6.7
1992 ³										
January	7.7	--	7.3	--	4.7	--	6.5	--	6.6	--
February	7.8	--	7.4	--	4.7	--	6.3	--	6.6	--
March	8.0	--	7.4	--	4.7	--	6.5	--	6.6	--
April	8.0	--	7.4	--	4.7	--	6.4	--	6.6	--
May	8.4	--	7.6	--	4.8	--	6.5	--	6.7	--
June	8.6	--	7.9	--	4.9	--	6.9	--	7.0	--
July	8.6	--	7.9	--	5.1	--	6.9	--	7.2	--
August	8.6	--	7.9	--	5.1	--	6.9	--	7.2	--
September	8.6	--	8.0	--	5.1	--	6.9	--	7.2	--
October	8.5	--	7.9	--	4.9	--	6.9	--	6.9	--
November	8.2	--	7.5	--	4.7	--	6.7	--	6.6	--
December	7.9	--	7.4	--	4.7	--	6.6	--	6.7	--
1992 Total	8.2	--	7.6	--	4.8	--	6.7	--	6.8	--
1993 ³										
January	7.7	--	7.3	--	4.7	--	6.5	--	6.6	--
February	7.8	--	7.4	--	4.7	--	6.4	--	6.6	--
March	7.8	--	7.4	--	4.7	--	6.4	--	6.6	--
April	8.1	--	7.5	--	4.6	--	6.8	--	6.6	--
May	8.6	--	7.7	--	4.7	--	6.9	--	6.8	--
June	8.8	--	8.0	--	5.0	--	7.1	--	7.1	--
Year-to-Date Average										
1993 Average ³	8.1	--	7.6	--	4.7	--	6.7	--	6.7	--
1992 Average ³	8.1	--	7.5	--	4.7	--	6.5	--	6.7	--

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

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

³ Estimates for 1992 and prior years are final, and 1993 are preliminary.

Notes: •Monetary values are expressed in nominal terms. •These estimates are calculated by dividing revenue by sales. Revenue may not correspond to 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.

Sources: •Monthly Series: 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 60. Electric Utility Average Revenue per Kilowatthour by Sector, Census Division, and State, June 1992 and 1993
(Cents)

Census Division and State	Residential		Commercial		Industrial		Other ¹		All Sectors	
	1993	1992	1993	1992	1993	1992	1993	1992	1993	1992
New England	11.8	10.9	10.3	9.4	8.4	7.9	12.8	12.5	10.3	9.5
Connecticut	12.2	11.3	10.8	10.1	8.8	8.2	15.5	15.5	10.9	10.2
Maine	11.3	11.1	8.5	8.5	6.1	6.0	7.9	13.4	8.2	8.2
Massachusetts	11.7	10.6	10.3	9.1	9.2	8.5	13.5	11.3	10.5	9.5
New Hampshire	12.8	11.6	11.6	10.6	8.9	8.1	14.7	13.5	11.0	10.0
Rhode Island	11.7	11.2	10.3	9.8	9.0	9.0	12.2	11.5	10.5	10.2
Vermont	8.7	8.9	7.9	8.2	6.7	6.8	13.0	14.7	7.9	8.1
Middle Atlantic	12.1	11.6	10.8	10.3	6.6	6.7	10.8	10.1	9.9	9.5
New Jersey	11.9	11.6	10.3	10.0	8.3	7.9	21.5	20.5	10.4	10.1
New York	14.0	13.1	12.5	11.8	7.1	6.9	10.3	9.6	11.4	10.7
Pennsylvania	10.2	9.9	8.6	8.4	5.8	6.2	12.5	11.8	8.0	8.0
East North Central	8.8	9.0	7.5	7.7	4.6	4.8	7.0	7.5	6.6	6.7
Illinois	11.1	11.3	8.2	8.7	5.4	5.9	7.2	7.6	7.9	8.2
Indiana	7.2	7.3	5.8	6.1	3.8	3.9	11.0	9.1	5.1	5.3
Michigan	8.2	8.3	8.4	8.3	5.7	6.0	10.1	10.4	7.1	7.3
Ohio	9.1	9.3	7.8	7.8	4.3	4.2	6.0	6.3	6.4	6.3
Wisconsin	7.1	7.2	6.0	6.0	4.0	3.9	5.2	7.7	5.5	5.5
West North Central	8.3	8.2	7.0	6.9	4.8	4.6	7.1	6.2	6.7	6.4
Iowa	8.9	9.0	6.8	6.7	4.1	4.3	8.1	6.7	6.3	6.3
Kansas	8.0	8.9	6.7	6.6	5.4	4.6	8.6	8.1	6.7	6.7
Minnesota	7.7	6.8	6.8	6.0	4.6	4.2	8.6	6.3	6.0	5.3
Missouri	8.8	8.8	7.4	7.7	5.7	5.5	7.3	7.5	7.5	7.5
Nebraska	7.8	7.6	6.6	6.2	4.4	4.2	6.6	5.9	6.3	6.1
North Dakota	7.3	7.1	7.1	6.9	5.2	4.8	4.1	4.4	6.4	6.2
South Dakota	7.6	7.8	6.2	6.9	5.5	5.1	4.8	4.0	6.5	6.5
South Atlantic	8.3	8.0	6.9	6.7	5.0	4.9	6.5	6.5	6.9	6.7
Delaware	9.9	9.6	8.1	8.0	5.1	4.9	10.3	10.2	7.4	7.2
District of Columbia	8.1	7.0	8.5	8.3	7.2	6.8	6.5	6.3	8.0	7.6
Florida	8.1	7.6	6.7	6.4	5.3	5.0	6.7	6.5	7.3	6.9
Georgia	8.5	8.3	7.3	7.4	4.9	5.0	8.8	8.9	7.0	6.9
Maryland	9.6	9.4	8.6	8.6	6.4	6.3	9.4	10.0	8.1	7.9
North Carolina	8.2	8.2	6.5	6.6	5.0	5.0	7.1	7.2	6.5	6.5
South Carolina	7.5	7.8	6.2	6.0	4.3	4.2	5.7	5.8	5.7	5.6
Virginia	8.8	8.3	6.5	6.3	4.3	4.2	5.6	5.8	6.7	6.5
West Virginia	6.5	6.4	5.8	5.7	3.9	3.8	10.4	8.9	5.2	5.0
East South Central	6.5	6.4	6.4	6.4	4.1	4.1	6.0	6.2	5.3	5.2
Alabama	6.9	6.8	6.8	6.9	4.6	4.6	6.0	6.5	5.9	5.8
Kentucky	6.0	6.2	5.4	5.5	3.2	3.3	4.9	5.0	4.3	4.3
Mississippi	7.4	7.2	7.3	7.2	4.5	4.4	9.1	8.6	6.2	6.1
Tennessee	6.0	5.8	6.2	6.0	4.3	4.5	7.2	7.5	5.2	5.2
West South Central	8.2	8.2	6.9	6.9	4.4	4.4	6.6	6.2	6.4	6.4
Arkansas	8.8	9.3	7.3	7.7	5.2	5.7	7.5	7.8	7.0	7.4
Louisiana	7.8	7.5	7.2	7.0	4.4	3.9	7.1	6.1	6.3	5.9
Oklahoma	7.9	7.7	7.1	6.9	4.5	4.2	6.3	6.7	6.6	6.3
Texas	8.4	8.4	6.8	6.9	4.3	4.4	6.5	6.0	6.4	6.5
Mountain	8.1	7.9	6.9	6.6	4.5	4.2	5.9	5.8	6.4	6.1
Arizona	10.3	10.2	9.3	9.2	6.1	6.3	7.0	6.9	8.3	8.8
Colorado	7.7	7.5	6.1	6.0	4.8	4.8	8.0	9.7	6.3	6.3
Idaho	5.1	5.3	4.2	4.1	2.9	3.1	4.7	3.0	3.9	3.8
Montana	5.6	5.4	4.6	4.8	2.9	2.7	3.9	4.3	3.9	3.7
Nevada	5.8	6.1	6.7	6.2	5.7	5.0	5.7	5.0	6.0	5.6
New Mexico	9.5	9.1	8.3	8.5	4.9	4.9	5.7	5.5	7.3	7.2
Utah	6.9	6.9	6.0	5.6	3.8	3.7	4.1	4.9	5.3	5.1
Wyoming	6.2	6.3	4.8	5.1	3.7	3.5	7.2	6.1	4.3	4.2
Pacific Contiguous	9.0	9.0	9.4	9.2	5.4	5.2	4.8	4.5	7.7	7.6
California	11.5	11.3	11.3	10.9	7.7	7.7	5.3	5.3	10.1	9.9
Oregon	4.9	4.8	4.8	4.6	3.2	2.9	6.5	4.8	4.2	4.0
Washington	4.3	4.2	4.2	4.2	2.3	2.2	3.4	2.9	3.4	3.2
Pacific Noncontiguous	12.1	10.4	10.7	9.7	8.9	7.1	10.0	13.8	10.5	9.1
Alaska	11.6	10.8	9.6	9.9	8.9	7.9	9.7	15.5	10.1	10.2
Hawaii	12.4	10.1	11.6	9.6	8.9	7.1	11.4	9.1	10.6	8.6
U.S. Average	8.8	8.6	8.0	7.9	5.0	4.9	7.1	6.9	7.1	7.0

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

Notes: •Estimates for 1992 are final, and 1993 are preliminary. •Monetary values are expressed in nominal terms. •These estimates are calculated by dividing revenue by sales. Revenue may not correspond to 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 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 61. Estimated Coefficients of Variation for Electric Utility Average Revenue per Kilowatthour by Sector, Census Division, and State, June 1993
(Percent)

Census Division and State	Residential	Commercial	Industrial	Other ¹	All Sectors
New England	0.6	0.7	0.9	2.0	0.5
Connecticut	.2	.2	.8	1.6	.1
Maine	.4	.2	.8	6.8	.3
Massachusetts	1.4	1.5	2.1	2.7	1.1
New Hampshire	2.1	1.1	.4	1.5	1.3
Rhode Island	.1	.2	.3	1.5	.2
Vermont	2.8	.2	2.8	16.9	1.3
Middle Atlantic	.5	.3	1.0	2.3	.4
New Jersey	.4	.2	.1	1.6	.2
New York	.8	.6	.8	2.7	.6
Pennsylvania	.5	.7	2.2	8.1	.8
East North Central	.7	.4	.5	2.9	.6
Illinois	1.4	.6	.5	.2	.8
Indiana	1.0	.9	.8	12.2	.8
Michigan	1.3	.7	1.2	5.4	1.3
Ohio	1.5	.8	1.2	3.2	1.6
Wisconsin	.7	.5	.8	25.3	.8
West North Central	.8	1.3	1.4	1.9	1.3
Iowa	1.5	.8	1.4	2.1	1.9
Kansas	2.5	1.9	1.8	.0	1.4
Minnesota	1.2	2.9	1.0	3.9	1.7
Missouri	1.6	2.9	5.4	1.3	3.3
Nebraska	2.2	3.3	2.6	7.6	3.6
North Dakota	2.4	2.5	2.5	2.6	2.3
South Dakota	1.9	7.3	4.8	8.0	2.7
South Atlantic	.6	.3	.3	.5	.4
Delaware	.6	.5	5.1	3.3	1.4
District of Columbia	.0	.0	.0	.0	.0
Florida	1.3	.7	2.3	1.5	1.2
Georgia	1.8	.1	.4	.9	.3
Maryland	1.6	1.4	.7	4.0	1.3
North Carolina	1.5	.3	.3	1.1	.3
South Carolina	.6	.5	.7	.6	.8
Virginia	1.0	.4	.7	.3	1.0
West Virginia	.5	.3	.2	6.7	.3
East South Central	.5	.5	.8	.8	.8
Alabama	.2	.1	1.7	1.9	.9
Kentucky	2.1	2.3	1.6	1.4	2.9
Mississippi	2.2	2.0	1.3	5.2	2.0
Tennessee	.3	.4	1.4	1.7	.9
West South Central	.3	1.1	1.3	1.4	.9
Arkansas	.4	.8	.9	2.7	.7
Louisiana	.2	.3	.5	3.7	.5
Oklahoma	.4	1.9	2.5	.2	.4
Texas	.4	1.7	2.0	1.8	1.4
Mountain	.4	.6	1.0	5.0	.6
Arizona	.4	1.1	2.9	7.7	1.1
Colorado	.5	.4	.9	9.4	.3
Idaho	.8	.0	2.0	3.7	1.1
Montana	2.8	2.2	1.6	3.0	.8
Nevada	.7	.7	1.3	3.1	.5
New Mexico	1.9	2.1	5.5	1.8	2.6
Utah	1.9	.8	.4	15.0	1.0
Wyoming	1.6	2.8	.5	9.7	1.0
Pacific Contiguous	.6	2.1	5.3	5.6	2.1
California	.7	2.7	6.4	7.6	2.7
Oregon	2.3	.0	.8	13.5	1.1
Washington	1.8	3.3	4.5	3.8	2.3
Pacific Noncontiguous	1.1	.9	.8	15.4	.9
Alaska	1.2	1.6	1.3	17.9	1.3
Hawaii	1.5	1.1	.8	1.6	1.2
U.S. Total	.2	.3	.7	1.0	.3

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

Notes: *Estimates for 1993 are preliminary. *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."

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

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993

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)
Abbeville Water & Elec Plant	--	5	--	838	--	--	--	*	--	--	*
Abbeville (SC)	--	5	--	838	--	--	--	*	--	--	*
Accomack-Northampton Electric											
Coop	--	14	--	--	--	--	--	*	--	--	*
Smith (VA)	--	6	--	--	--	--	--	*	--	--	*
Tangier (VA)	--	8	--	--	--	--	--	*	--	--	*
Adrian Lt & Water Comm	--	--	--	--	--	--	--	--	--	--	--
Adrian (MN)	--	--	--	--	--	--	--	--	--	--	--
Aitkin Public Utilities Comm	--	-8	--	--	--	--	--	--	--	--	*
Aitkin (MN)	--	-8	--	--	--	--	--	--	--	--	*
Alabama Elec Coop, Inc	271,646	-269	--	2,025	--	--	118	--	*	408	4
Gantt (AL)	--	--	--	450	--	--	--	--	--	--	--
Lowman (AL)	271,704	--	--	--	--	--	118	--	--	405	--
McIntosh-CAES (AL)	--	-265	--	--	--	--	--	--	*	--	4
McWilliams (AL)	-58	--	--	--	--	--	--	--	--	4	--
Point "A" (AL)	--	--	--	1,575	--	--	--	--	--	--	--
Portland (FL)	--	-4	--	--	--	--	--	--	--	--	1
Alabama Power Co (SC)	3,538,358	2,900	26,376	365,905	1,193,770	--	1,415	5	259	3,876	54
Bankhead Dam (AL)	--	--	--	17,873	--	--	--	--	--	--	--
Barry (AL)	743,079	--	414	--	--	--	305	--	16	904	16
Chickasaw (AL)	--	--	-50	--	--	--	--	--	--	--	3
Farley (AL)	--	--	--	--	1,193,770	--	--	--	--	--	--
Gadsden New (AL)	14,964	1	442	--	--	--	7	*	5	76	1
Gaston, E C (AL)	864,665	1,378	--	--	--	--	350	2	--	685	16
Gorgas (AL)	669,397	1,084	--	--	--	--	269	2	--	626	10
Greene County (AL)	325,055	437	--	--	--	--	129	1	--	158	2
H Neely Henry Dam (AL)	--	--	--	17,287	--	--	--	--	--	--	--
Harris (AL)	--	--	--	15,694	--	--	--	--	--	--	--
Holt Dam (AL)	--	--	--	18,074	--	--	--	--	--	--	--
Jordan (AL)	--	--	--	25,510	--	--	--	--	--	--	--
Lay Dam (AL)	--	--	--	45,014	--	--	--	--	--	--	--
Lewis Smith Dam (AL)	--	--	--	28,316	--	--	--	--	--	--	--
Logan Martin Dam (AL)	--	--	--	29,142	--	--	--	--	--	--	--
Martin Dam (AL)	--	--	--	31,633	--	--	--	--	--	--	--
Miller (AL)	921,198	--	25,570	--	--	--	354	--	238	1,427	7
Mitchell Dam (AL)	--	--	--	37,200	--	--	--	--	--	--	--
Thurlow Dam (AL)	--	--	--	21,940	--	--	--	--	--	--	--
Walter Bouldin Dam (AL)	--	--	--	46,316	--	--	--	--	--	--	--
Weiss Dam (AL)	--	--	--	19,094	--	--	--	--	--	--	--
Yates Dam (AL)	--	--	--	12,812	--	--	--	--	--	--	--
Alaska Electric Lt & Pwr Co	--	821	--	5,593	--	--	--	2	--	--	4
Annex Creek (AK)	--	--	--	2,016	--	--	--	--	--	--	--
Gold Creek (AK)	--	--	--	727	--	--	--	--	--	--	--
Lemon Creek (AK)	--	821	--	--	--	--	--	2	--	--	4
Salmon Creek (AK)	--	--	--	2,850	--	--	--	--	--	--	--
Salmon Creek 2 (AK)	--	--	--	--	--	--	--	--	--	--	--
Alaska Power Administration	--	--	--	27,049	--	--	--	--	--	--	--
Eklutna (AK)	--	--	--	12,626	--	--	--	--	--	--	--
Sneltisham (AK)	--	--	--	14,423	--	--	--	--	--	--	--
Alaska Power And Telephone											
Company	--	2,091	--	442	--	--	--	4	--	--	1
Chistochina (AK)	--	16	--	--	--	--	--	*	--	--	*
Coffman Cove (AK)	--	50	--	--	--	--	--	*	--	--	*
Craig (AK)	--	957	--	--	--	--	--	2	--	--	*
Dot Lake (AK)	--	--	--	--	--	--	--	--	--	--	*
Hollis (AK)	--	17	--	--	--	--	--	*	--	--	*
Hydaburg (AK)	--	122	--	--	--	--	--	*	--	--	*
Mentasta (AK)	--	20	--	--	--	--	--	*	--	--	*
Skagway (AK)	--	149	--	442	--	--	--	*	--	--	*
Tetlin (AK)	--	14	--	--	--	--	--	*	--	--	*
Tok (AK)	--	746	--	--	--	--	--	1	--	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Alaska Village Electric Coop, Inc	--	3,524	--	--	--	--	--	7	--	--	34
Alakanuk (AK)	--	79	--	--	--	--	--	.	--	--	1
Ambler (AK)	--	71	--	--	--	--	--	.	--	--	1
Anvik (AK)	--	27	--	--	--	--	--	.	--	--	1
Chevak (AK)	--	101	--	--	--	--	--	.	--	--	1
Eek (AK)	--	38	--	--	--	--	--	.	--	--	1
Elim (AK)	--	53	--	--	--	--	--	.	--	--	.
Emmonak (AK)	--	172	--	--	--	--	--	.	--	--	1
Gambell (AK)	--	119	--	--	--	--	--	.	--	--	1
Goodnews Bay (AK)	--	39	--	--	--	--	--	.	--	--	1
Grayling (AK)	--	36	--	--	--	--	--	.	--	--	1
Holy Cross (AK)	--	51	--	--	--	--	--	.	--	--	1
Hooper Bay (AK)	--	145	--	--	--	--	--	.	--	--	1
Huslia (AK)	--	41	--	--	--	--	--	.	--	--	1
Kaltag (AK)	--	44	--	--	--	--	--	.	--	--	1
Kiana (AK)	--	91	--	--	--	--	--	.	--	--	1
Kivalina (AK)	--	75	--	--	--	--	--	.	--	--	1
Koyuk (AK)	--	56	--	--	--	--	--	.	--	--	.
Lower Kalskag (AK)	--	68	--	--	--	--	--	.	--	--	1
Marshall (AK)	--	61	--	--	--	--	--	.	--	--	1
Mekoryuk (AK)	--	59	--	--	--	--	--	.	--	--	1
Minto (AK)	--	49	--	--	--	--	--	.	--	--	.
Mountain Village (AK)	--	176	--	--	--	--	--	.	--	--	2
New Stuyahok (AK)	--	67	--	--	--	--	--	.	--	--	.
Noatak (AK)	--	75	--	--	--	--	--	.	--	--	.
Noorvik (AK)	--	107	--	--	--	--	--	.	--	--	1
Nulato (AK)	--	68	--	--	--	--	--	.	--	--	1
Nunapitchuk (AK)	--	140	--	--	--	--	--	.	--	--	1
Old Harbor (AK)	--	63	--	--	--	--	--	.	--	--	1
Pilot Station (AK)	--	84	--	--	--	--	--	.	--	--	1
Quinhagak (AK)	--	77	--	--	--	--	--	.	--	--	1
Russion Mission (AK)	--	44	--	--	--	--	--	.	--	--	.
Savoonga (AK)	--	102	--	--	--	--	--	.	--	--	2
Scammon Bay (AK)	--	69	--	--	--	--	--	.	--	--	1
Selawik (AK)	--	98	--	--	--	--	--	.	--	--	1
Shageluk (AK)	--	21	--	--	--	--	--	.	--	--	1
Shaktolik (AK)	--	46	--	--	--	--	--	.	--	--	.
Shishmaref (AK)	--	104	--	--	--	--	--	.	--	--	1
Shungnak (AK)	--	87	--	--	--	--	--	.	--	--	1
St Marys (AK)	--	185	--	--	--	--	--	.	--	--	2
St Michael (AK)	--	62	--	--	--	--	--	.	--	--	1
Stebbins (AK)	--	84	--	--	--	--	--	.	--	--	1
Togiak (AK)	--	118	--	--	--	--	--	.	--	--	.
Toksook Bay (AK)	--	77	--	--	--	--	--	.	--	--	1
Tununak (AK)	--	55	--	--	--	--	--	.	--	--	1
Wales (AK)	--	40	--	--	--	--	--	.	--	--	.
Albany City Of	--	--	--	--	--	--	--	--	--	--	.
Albany (MO)	--	--	--	--	--	--	--	--	--	--	.
Alexandria Bd Of Public Works ...	--	--	--	--	--	--	--	--	--	--	--
Alexandria (MN)	--	--	--	--	--	--	--	--	--	--	--
Alexandria Elec Lt & Pr Dept	--	--	--	--	--	--	--	--	--	--	18
Hunter, D G (LA)	--	--	--	--	--	--	--	--	--	--	18
Algona Municipal Utilities	--	153	--	--	--	--	--	.	--	--	2
Algona (IA)	--	153	--	--	--	--	--	.	--	--	2
Allegheny Electric Coop	--	--	--	8,436	--	--	--	--	--	--	--
Raystown (PA)	--	--	--	8,436	--	--	--	--	--	--	--
Alta Mun Elec Lt & Pwr Plt Sys ...	--	-3	--	--	--	--	--	--	--	--	.
Alta (IA)	--	-3	--	--	--	--	--	--	--	--	.
American Municipal Power-Ohio											
Inc	125,121	--	780	--	--	--	79	--	11	95	--
Richard Gorsuch (OH)	125,121	--	780	--	--	--	79	--	11	95	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Ames, City Of	24,719	161	--	--	--	--	16	*	--	26	3
Ames (IA)	24,719	141	--	--	--	--	16	*	--	26	1
Ames Gt (IA)	--	20	--	--	--	--	--	*	--	--	2
Anchorage Mun Lt & Pwr Dept	--	961	52,160	--	--	--	--	2	534	--	36
Anchorage (AK)	--	2	1,270	--	--	--	--	*	29	--	*
GMS 2 (AK)	--	959	50,890	--	--	--	--	2	505	--	36
Aniak Light & Power Company, Inc	--	137	--	--	--	--	--	*	--	--	1
Aniak (AK)	--	137	--	--	--	--	--	*	--	--	1
Anita Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Anita (IA)	--	--	--	--	--	--	--	--	--	--	--
Ansley Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Ansley (NE)	--	--	--	--	--	--	--	--	--	--	--
Anthony City Of	--	5	106	--	--	--	--	*	2	--	*
Anthony (KS)	--	5	106	--	--	--	--	*	2	--	*
Appalachian Power Co (AEP)	1,576,086	2,968	--	92,502	--	--	603	5	--	3,249	38
Amos, John E (WV)	716,452	1,870	--	--	--	--	278	3	--	1,586	10
Buck (VA)	--	--	--	6,144	--	--	--	--	--	--	--
Byllesby 2 (VA)	--	--	--	8,924	--	--	--	--	--	--	--
Claytor (VA)	--	--	--	30,061	--	--	--	--	--	--	--
Clinch River (VA)	273,957	86	--	--	--	--	100	*	--	370	1
Glen Lyn (VA)	15,805	107	--	--	--	--	7	*	--	119	2
Kanawha River (WV)	--	--	--	--	--	--	--	--	--	245	*
Leesville (VA)	--	--	--	6,447	--	--	--	--	--	--	--
London (WV)	--	--	--	10,126	--	--	--	--	--	--	--
Marmet (WV)	--	--	--	9,561	--	--	--	--	--	--	--
Mountaineer (WV)	569,872	905	--	--	--	--	218	1	--	929	26
Niagara (VA)	--	--	--	1,416	--	--	--	--	--	--	--
Reusens (VA)	--	--	--	4,619	--	--	--	--	--	--	--
Smith Mountain (VA)	--	--	--	3,495	--	--	--	--	--	--	--
Winfield (WV)	--	--	--	11,709	--	--	--	--	--	--	--
Arcadia Mun Electric Utility	--	10	25	--	--	--	--	*	*	--	1
Arcadia (WI)	--	10	25	--	--	--	--	*	*	--	1
Arcanum Water & Light Plant	--	--	--	--	--	--	--	--	--	--	*
Arcanum (OH)	--	--	--	--	--	--	--	--	--	--	*
Argyle Municipal Elec & Water Dept	--	--	--	--	--	--	--	--	--	--	--
Argyle (WI)	--	--	--	--	--	--	--	--	--	--	--
Arizona Electric Pwr Coop, Inc	128,235	--	72,079	--	--	--	68	--	739	183	--
Apache Station (AZ)	128,235	--	72,079	--	--	--	68	--	739	183	--
Arizona Public Service Company	1,779,187	736	66,735	1,968	1,766,328	--	1,023	1	743	1,631	193
Childs (AZ)	--	--	--	1,699	--	--	--	--	--	--	--
Cholla (AZ)	476,870	736	402	--	--	--	268	1	5	1,017	5
Fairview (AZ)	--	--	--	--	--	--	--	--	--	--	8
Four Corners (NM)	1,302,317	--	3,491	--	--	--	755	--	36	614	--
Irving (AZ)	--	--	--	269	--	--	--	--	--	--	--
Ocotillo (AZ)	--	--	7,943	--	--	--	--	--	92	--	37
Palo Verde (AZ)	--	--	--	--	1,766,328	--	--	--	--	--	--
Phoenix (AZ)	--	--	43,143	--	--	--	--	--	461	--	42
Saguaro (AZ)	--	--	1,979	--	--	--	--	--	25	--	42
Yucca (AZ)	--	--	8,708	--	--	--	--	--	106	--	--
Yuma Axis (AZ)	--	--	1,069	--	--	--	--	--	18	--	58
Arkansas Electric Coop Corp	--	--	--	196	--	--	--	--	--	--	--
Bailey (AR)	--	--	--	--	--	--	--	--	--	--	--
Clyde Ellis (AR)	--	--	--	196	--	--	--	--	--	--	--
Fitzhugh (AR)	--	--	--	--	--	--	--	--	--	--	--
Mc Clellan (AR)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 (bbbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbbls)
Arkansas Power & Light Co											
(MSU)	1,540,277	3,772	21,008	26,800	918,669	--	958	7	267	1,176	237
Arkansas Nuclear One(AR)	--	--	--	--	918,669	--	--	--	--	--	--
Blytheville (AR)	--	27	--	--	--	--	--	*	--	--	28
Carpenter (AR)	--	--	--	18,718	--	--	--	--	--	--	--
Couch, Harvey (AR)	--	--	21,008	--	--	--	--	--	267	--	5
Independence (AR)	750,777	3,680	--	--	--	--	465	7	--	174	20
L Catherine (AR)	--	--	--	--	--	--	--	--	--	--	39
Lynch, Cecil (AR)	--	--	--	--	--	--	--	--	--	--	2
Mablevale (AR)	--	--	--	--	--	--	--	--	--	--	9
Moses, Ham (AR)	--	--	--	--	--	--	--	--	--	--	5
Rommel (AR)	--	--	--	8,082	--	--	--	--	--	--	--
Ritchie, R E (AR)	--	--	--	--	--	--	--	--	--	--	103
White Bluff (AR)	789,500	65	--	--	--	--	493	*	--	1,002	26
Arnold Municipal Plant	--	--	--	--	--	--	--	--	--	--	*
Arnold (NE)	--	--	--	--	--	--	--	--	--	--	*
Ashland, City Of	--	--	--	--	--	--	--	--	--	--	1
Ashland (KS)	--	--	--	--	--	--	--	--	--	--	1
Associated Electric Coop, Inc	532,606	1,308	--	--	--	--	242	4	--	1,732	21
New Madrid (MO)	527,475	17	--	--	--	--	238	*	--	539	1
Thomas Hill (MO)	5,131	1,288	--	--	--	--	4	4	--	1,194	5
Unionville (MO)	--	3	--	--	--	--	--	*	--	--	15
Atlantic City Electric Co (ACE)	115,588	5,450	8,882	--	--	--	49	8	122	164	381
* Central Storage *	--	--	--	--	--	--	--	--	--	--	97
Carlls Corner (NJ)	--	--	8	--	--	--	--	--	9	--	8
Cedar (NJ)	--	-16	--	--	--	--	--	*	--	--	9
Cumberland St (NJ)	--	16	177	--	--	--	--	*	4	--	12
Deepwater (NJ)	30,481	-8	5,610	--	--	--	13	*	67	42	95
England, B L (NJ)	85,107	5,473	--	--	--	--	36	8	--	122	119
Mickleton Street (NJ)	--	--	835	--	--	--	--	--	13	--	10
Middle (NJ)	--	8	--	--	--	--	--	*	--	--	10
Missouri Avenue (NJ)	--	-23	--	--	--	--	--	--	--	--	8
Sherman Avenue (NJ)	--	--	2,252	--	--	--	--	--	29	--	13
Atlantic Mun Utilities	--	--	--	--	--	--	--	--	--	--	1
Atlantic (IA)	--	--	--	--	--	--	--	--	--	--	1
Attica City Of	--	--	--	--	--	--	--	--	--	--	--
Attica (KS)	--	--	--	--	--	--	--	--	--	--	--
Auburn City Of	--	3	5	--	--	--	--	*	1	--	1
Auburn (NE)	--	3	5	--	--	--	--	*	1	--	1
Augusta City Of	--	-33	--	--	--	--	--	*	*	--	*
Plant No 1 (KS)	--	-24	--	--	--	--	--	--	--	--	*
Plant No 2 (KS)	--	-9	--	--	--	--	--	*	*	--	*
Augusta Light And Water Plant ...	--	--	--	--	--	--	--	--	--	--	--
Fairbanks (AR)	--	--	--	--	--	--	--	--	--	--	--
Austin Electric Dept	--	2	155,035	--	--	41	--	*	1,687	--	209
Decker Creek (TX)	--	--	109,072	--	--	41	--	*	1,172	--	88
Holly Street (TX)	--	2	46,171	--	--	--	--	*	515	--	118
Seaholm (TX)	--	--	-208	--	--	--	--	--	--	--	3
Austin Utilities	1,050	--	6,280	--	--	--	1	--	85	20	--
Northeast Station (MN)	1,050	--	6,280	--	--	--	1	--	85	20	--
Baldwin City Of	--	10	2	--	--	--	--	*	*	--	*
Attica (KS)	--	10	2	--	--	--	--	*	*	--	*
Baltimore Gas & Electric Co	872,579	45,985	5,834	--	640,778	--	341	89	191	1,188	491
* Central Storage *	--	--	--	--	--	--	--	--	--	--	--
Brandon (MD)	636,224	3,742	--	--	--	--	251	6	--	817	3

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 & Electric Co											
Calvert Cliffs (MD)					640,778						
Crane, C P (MD)	121,057	198					47	*		158	4
Gould Street (MD)		5,682						11			38
Notch Cliff (MD)			155						3		
Perryman (MD)		146						*			52
Philadelphia Road (MD)											10
Riverside (MD)		1,305	2,734					5	66		114
Wagner, H A (MD)	115,298	34,912	2,945				43	66	121	213	238
Westport (MD)											32
Bancroft Mun Electric Plant											
Bancroft (IA)											
Bangor Hydro Electric Co		109		18,348				*			2
Bar Harbor (ME)		63						*			1
Eastport (ME)		27						*			1
Ellsworth (ME)				2,779							
Graham Station (ME)											
Howland (ME)				784							
Medway (ME)		19		2,836				*			1
Milford (ME)				4,655							
Orono (ME)				955							
Stillwater (ME)				1,030							
Veazie (ME)											
Veazie A (ME)				5,309							
Barron Light & Water Dept		4		35				*			*
Barron (WI)		4		35				*			*
Barrow Utils & Elec Coop Inc			3,209					*	50		*
Barrow (AK)			3,209					*	50		*
Barton Village Electric Dept				686							*
W. Charleston (VT)				686							*
Basin Electric Pwr Coop, Inc	1,369,580	1,713					1,019	3		1,365	31
Antelope Valley (ND)	377,276	989					316	2		167	5
Laramie River (WY)	718,503	494					467	1		747	9
Leland Olds (ND)	273,801	230					236	*		451	3
Spirit Mound (SD)											14
Baudette Light & Water Dept											
Baudette (MN)											
Beaver City Corporation				928							
Beaver Lower (UT)				91							
Beaver Upper (UT)				373							
Beaver 3 (UT)				464							
Beaver City Of											*
Beaver City (NE)											*
Bedford Electric Dept				2,758							
Snowden (VA)				2,758							
Bellevue City Of		30	293					*	3		1
Bellevue (KS)		30	293					*	3		1
Bellevue Municipal Utilities		2						*			*
Bellevue (IA)		2						*			*
Beloit City Of								*	*		*
Beloit (KS)								*	*		*
Benkelman City Of											
Benkelman (NE)											

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Benson Water Light Heat & Pwr											
Pit	--	--	--	--	--	--	--	--	--	--	--
Benson (MN)	--	--	--	--	--	--	--	--	--	--	--
Berlin Electric Light Plant	--	99	--	--	--	--	--	*	--	--	1
Berlin (MD)	--	99	--	--	--	--	--	*	--	--	1
Bethany City	--	7	--	--	--	--	--	*	--	--	1
Bethany (MO)	--	7	--	--	--	--	--	*	--	--	1
Bethel Utilities Commission	--	2,364	--	--	--	--	--	4	--	--	1
Bethel (AK)	--	2,364	--	--	--	--	--	4	--	--	1
Bettles Light & Power Inc	--	64	--	--	--	--	--	*	--	--	2
Bettles (AK)	--	64	--	--	--	--	--	*	--	--	2
Big Rivers Electric Corporation ...	882,968	1,055	148	--	--	--	404	2	2	716	24
Coleman (KY)	303,840	--	148	--	--	--	140	--	2	100	2
Green (KY)	257,962	778	--	--	--	--	128	1	--	289	1
Henderson li (KY)	175,124	154	--	--	--	--	71	*	--	--	1
Reid, Robert (KY)	34,526	19	--	--	--	--	16	*	--	96	9
Wilson (KY)	111,516	104	--	--	--	--	49	*	--	231	11
Black Hills Corp	46,535	2,401	14	--	--	--	41	2	*	13	20
French, Ben (SD)	13,823	2,401	14	--	--	--	12	2	*	3	19
Kirk (SD)	3,709	--	--	--	--	--	3	--	--	4	--
Osage (WY)	14,878	--	--	--	--	--	14	--	--	5	--
Simpson, Neil (WY)	14,125	--	--	--	--	--	12	--	--	--	*
Black River Falls, City Of	--	--	--	569	--	--	--	--	--	--	--
Black River Falls (WI)	--	--	--	569	--	--	--	--	--	--	--
Block Island Power Co	--	636	--	--	--	--	--	1	--	--	2
Block Island (RI)	--	636	--	--	--	--	--	1	--	--	2
Bloomfield Mun Utilities	--	5	--	--	--	--	--	*	--	--	1
Bloomfield (IA)	--	5	--	--	--	--	--	*	--	--	1
Blooming Prairie Pub Utils Comm	--	--	--	--	--	--	--	--	--	--	*
Blooming Prairie (MN)	--	--	--	--	--	--	--	--	--	--	*
Blue Earth Lt & Wtr Dept	--	--	--	--	--	--	--	--	--	--	--
Blue Earth (MN)	--	--	--	--	--	--	--	--	--	--	--
Blue Ridge Electric Membership Corp	--	--	--	74	--	--	--	--	--	--	--
Sharp Falls (NC)	--	--	--	74	--	--	--	--	--	--	--
Bluffton Utilities	--	18	455	--	--	--	--	*	2	--	2
Bluffton (IN)	--	18	455	--	--	--	--	*	2	--	2
Bonnars Ferry City Of (Lt & Wtr Dpt)	--	--	--	3,225	--	--	--	--	--	--	--
Moyie (ID)	--	--	--	3,225	--	--	--	--	--	--	--
Boston Edison Company	--	208,359	221,339	--	--	--	--	341	2,115	--	860
Edgar (MA)	--	36	--	--	--	--	--	*	--	--	1
Framingham (MA)	--	65	--	--	--	--	--	*	--	--	2
L Street (MA)	--	34	--	--	--	--	--	*	--	--	1
Mystic (MA)	--	89,776	--	--	--	--	--	169	--	--	832
New Boston (MA)	--	118,281	221,339	--	--	--	--	172	2,115	--	19
Pilgrim (MA)	--	--	--	--	--	--	--	--	--	--	--
West Medway (MA)	--	167	--	--	--	--	--	*	--	--	7
Bountiful City Light & Power	--	79	1,510	3,599	--	--	--	*	15	--	1
Bountiful (UT)	--	79	1,510	--	--	--	--	*	15	--	1
Echo Dam (UT)	--	--	--	2,555	--	--	--	--	--	--	--
Pine View Dam (UT)	--	--	--	1,044	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Brady Water & Light Works	--	3	--	--	--	--	--	*	--	--	1
Brady (TX)	--	3	--	--	--	--	--	*	--	--	1
Braintree Electric Light Dept	--	--	4,889	--	--	--	--	--	54	--	9
Potter Station (MA)	--	--	4,889	--	--	--	--	--	54	--	9
Brazos Elec Pwr Coop, Inc	--	--	84,897	--	--	--	--	--	968	--	110
Miller, R W (TX)	--	--	79,661	--	--	--	--	--	897	--	100
North Texas (TX)	--	--	5,236	--	--	--	--	--	71	--	10
Brazos River Authority	--	--	--	2,109	--	--	--	--	--	--	--
M Sheppard (TX)	--	--	--	2,109	--	--	--	--	--	--	--
Breese City Of	--	21	--	--	--	--	--	*	--	--	1
Breese (IL)	--	21	--	--	--	--	--	*	--	--	1
Brigham City Corporation	--	--	--	1,220	--	--	--	--	--	--	--
Brigham City (UT)	--	--	--	813	--	--	--	--	--	--	--
Brigham 2 (UT)	--	--	--	407	--	--	--	--	--	--	--
Broken Bow Mun Utilities	--	11	--	--	--	--	--	*	*	--	*
Broken Bow (NE)	--	11	--	--	--	--	--	*	*	--	*
Brooklyn Mun Utilities	--	--	--	--	--	--	--	--	--	--	*
Brooklyn (IA)	--	--	--	--	--	--	--	--	--	--	*
Brownfield Mun Pr & Lt Plant	--	104	739	--	--	--	--	*	13	--	*
Brownfield (TX)	--	104	739	--	--	--	--	*	13	--	*
Brownsville City Of (Pub Utils Brd)	--	--	9,326	--	--	--	--	--	145	--	28
Brownsville (TX)	--	--	9,326	--	--	--	--	--	145	--	28
Bryan City Of	--	--	48,062	--	--	--	--	--	514	--	77
Bryan (TX)	--	--	4,625	--	--	--	--	--	58	--	40
Dansby (TX)	--	--	43,437	--	--	--	--	--	456	--	37
Bryan Municipal Light & Water Works	--	8	62	--	--	--	--	*	1	--	8
Bryan (OH)	--	8	62	--	--	--	--	*	1	--	8
Bryant Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Bryant (SD)	--	--	--	--	--	--	--	--	--	--	--
Buhl Public Utilities Dept	--	--	--	--	--	--	--	--	--	--	--
Buhl (MN)	--	--	--	--	--	--	--	--	--	--	--
Burbank Public Service Department	--	--	4,519	--	--	--	--	--	84	--	41
Magnolia (CA)	--	--	-157	--	--	--	--	--	3	--	39
Olive (CA)	--	--	4,676	--	--	--	--	--	81	--	2
Burlingame City Of	--	--	5	--	--	--	--	--	*	--	--
Burlingame (KS)	--	--	5	--	--	--	--	--	*	--	--
Burlington City Of	--	9	3	--	--	--	--	*	*	--	1
Burlington (KS)	--	9	3	--	--	--	--	*	*	--	1
Burlington City Of	--	--	--	--	--	--	--	--	--	--	--
Burlington (CO)	--	--	--	--	--	--	--	--	--	--	--
Burlington Electric Light Dept	--	13	1,141	--	--	4,512	--	*	18	--	4
Burlington (VT)	--	--	--	--	--	--	--	--	--	--	2
J C McNeil (VT)	--	13	1,141	--	--	4,512	--	*	18	--	2
Burwell Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Burwell (NE)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1992 (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)
Bushnell Mun Elec Lt & Pwr Util ..	--	--	--	--	--	--	--	--	--	--	1
Bushnell (IL)	--	--	--	--	--	--	--	--	--	--	1
Butler Light & Water Service	--	--	--	--	--	--	--	--	--	--	*
Butler (MO)	--	--	--	--	--	--	--	--	--	--	*
Ca State Dept Of Water											
Resources	--	--	--	417,891	--	-81	--	--	--	--	--
Alamo (CA)	--	--	--	-59	--	--	--	--	--	--	--
Bottle Rock (CA)	--	--	--	--	--	-81	--	--	--	--	--
Devil Canyon (CA)	--	--	--	37,571	--	--	--	--	--	--	--
Edw Hyatt (CA)	--	--	--	254,229	--	--	--	--	--	--	--
San Luis (CA)	--	--	--	69,966	--	--	--	--	--	--	--
Thermal Div (CA)	--	--	--	1,911	--	--	--	--	--	--	--
Thermalito (CA)	--	--	--	33,187	--	--	--	--	--	--	--
W E Warne (CA)	--	--	--	21,086	--	--	--	--	--	--	--
Cajun Elec Power Coop Inc	664,545	1,274	18,666	--	--	--	578	3	199	766	26
Big Cajun 1 (LA)	--	--	18,666	--	--	--	--	--	199	--	14
Big Cajun 2 (LA)	664,545	1,274	--	--	--	--	578	3	--	766	12
Callaway Mun Elec Utilities	--	--	--	--	--	--	--	--	--	--	--
Callaway (NE)	--	--	--	--	--	--	--	--	--	--	--
Cambridge Lt & Water Works	--	--	--	--	--	--	--	--	--	--	--
Cambridge (NE)	--	--	--	--	--	--	--	--	--	--	--
Campbell Municipal Elec Dept	--	--	--	--	--	--	--	--	--	--	--
Campbell (NE)	--	--	--	--	--	--	--	--	--	--	--
Campbell Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Campbell (MO)	--	--	--	--	--	--	--	--	--	--	--
Cardinal Operating Company											
(AEP)	856,894	1,181	--	--	--	--	341	2	--	942	26
Cardinal (OH)	856,894	1,181	--	--	--	--	341	2	--	942	26
Carlyle Municipal Utilities	--	4	6	--	--	--	--	*	*	--	*
Carlyle (IL)	--	4	6	--	--	--	--	*	*	--	*
Carmi Light & Water	--	3	19	--	--	--	--	*	*	--	1
Carmi (IL)	--	3	19	--	--	--	--	*	*	--	1
Carolina Power & Light Co	2,100,235	5,664	-162	76,301	1,227,308	--	638	10	1	2,289	148
Asheville (NC)	233,345	189	--	--	--	--	88	*	--	90	1
Blewett (NC)	--	-27	--	14,651	--	--	--	--	--	--	5
Brunswick (NC)	--	--	--	--	154,962	--	--	--	--	--	--
Cape Fear (NC)	142,029	184	--	--	--	--	55	*	--	111	13
Darlington County (SC)	--	37	-59	--	--	--	--	*	1	--	72
Harris (NC)	--	--	--	--	588,567	--	--	--	--	--	--
Lee (NC)	36,305	750	--	--	--	--	15	2	--	153	13
Marshall (NC)	--	--	--	2,471	--	--	--	--	--	--	--
Mayo (NC)	386,187	550	--	--	--	--	160	1	--	408	6
Morehead (NC)	--	-7	--	--	--	--	--	--	--	--	1
Robinson, H B (SC)	59,845	40	--	--	483,779	--	3	*	--	56	3
Roxboro (NC)	1,180,620	3,204	--	--	--	--	88	6	--	1,128	10
Sutton (NC)	37,757	545	--	--	--	--	17	1	--	256	10
Tillery (NC)	--	--	--	23,131	--	--	--	--	--	--	--
Walters (NC)	--	--	--	36,048	--	--	--	--	--	--	--
Weatherspoon (NC)	24,147	199	-103	--	--	--	12	*	--	88	12
Carrollton Municipal Utilities	--	10	20	--	--	--	--	*	5	--	5
Carrollton (MO)	--	10	20	--	--	--	--	*	5	--	5
Carthage Water & Elec Plant	--	18	161	--	--	--	--	*	2	--	3
Carthage (MO)	--	18	161	--	--	--	--	*	2	--	3
Cascade Mun Elec Plant	--	--	--	--	--	--	--	--	--	--	*
Cascade (IA)	--	--	--	--	--	--	--	--	--	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Cascade Power Company	--	--	--	263	--	--	--	--	--	--	--
Brevard (NC)	--	--	--	263	--	--	--	--	--	--	--
Cashton Light & Water Plant	--	--	--	--	--	--	--	--	--	--	--
Cashton (WI)	--	--	--	--	--	--	--	--	--	--	--
Cedar Falls Utilities	3,176	--	85	--	--	--	2	*	1	19	5
Cedar Falls Gt (IA)	3,176	--	98	--	--	--	2	--	1	19	--
Streeter (IA)	--	--	-13	--	--	--	--	*	--	--	5
Center Mun Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Center (CO)	--	--	--	--	--	--	--	--	--	--	--
Central Electric Power Coop	10,190	41	--	--	--	--	5	*	--	32	*
Chamais (MO)	10,190	41	--	--	--	--	5	*	--	32	*
Central Hudson Gas & Elec Corp	131,141	10	218	12,032	--	--	51	*	3	67	795
Coxsackie (NY)	--	--	147	--	--	--	--	--	2	--	2
Danskammer (NY)	131,141	10	71	--	--	--	51	*	1	67	11
Dashville (NY)	--	--	--	1,169	--	--	--	--	--	--	--
High Falls (NY)	--	--	--	404	--	--	--	--	--	--	--
Neversink (NY)	--	--	--	5,976	--	--	--	--	--	--	--
Roseton (NY)	--	--	--	--	--	--	--	--	--	--	778
South Cairo (NY)	--	--	--	--	--	--	--	--	--	--	3
Sturgeon Pool (NY)	--	--	--	4,483	--	--	--	--	--	--	--
Central Illinois Light Co	364,843	1,105	90	--	--	--	153	2	2	333	1
Duck Creek (IL)	128,670	614	--	--	--	--	61	1	--	162	1
E D Edwards (IL)	236,173	491	--	--	--	--	91	1	--	171	1
Sterling Avenue (IL)	--	--	90	--	--	--	--	--	2	--	--
Central Illinois Public Service Co	715,422	988	--	--	--	--	333	2	--	831	43
Coffeen (IL)	75,412	417	--	--	--	--	40	1	--	277	5
Grand Tower (IL)	343	17	--	--	--	--	1	*	--	49	1
Hutsonville (IL)	44,792	9	--	--	--	--	22	*	--	90	3
Meredosia (IL)	86,074	256	--	--	--	--	41	*	--	118	28
Newton (IL)	508,801	289	--	--	--	--	230	1	--	297	7
Central Iowa Power Coop	13,889	1	61	--	--	--	8	*	1	54	3
Fair Station (IA)	13,889	--	--	--	--	--	8	--	--	54	--
Summit Lake (IA)	--	1	61	--	--	--	--	*	1	--	3
Central Louisiana Elec Co, Inc	633,875	--	134,651	--	--	--	454	--	1,374	929	209
Coughlin (LA)	--	--	11,845	--	--	--	--	--	138	--	49
Doleet Hills (LA)	329,918	--	3,685	--	--	--	268	--	41	543	--
Franklin (LA)	--	--	--	--	--	--	--	--	--	--	--
Rodemacher (LA)	303,957	--	-638	--	--	--	187	--	10	386	118
Teche (LA)	--	--	119,759	--	--	--	--	--	1,186	--	42
Central Maine Power Company	--	4,862	--	182,471	--	--	--	14	--	--	508
Andro Lower (ME)	--	--	--	17	--	--	--	--	--	--	--
Androscoggin 3 (ME)	--	--	--	2,358	--	--	--	--	--	--	--
Automatic (ME)	--	--	--	303	--	--	--	--	--	--	--
Bar Mills (ME)	--	--	--	2,264	--	--	--	--	--	--	--
Bates Lower (ME)	--	--	--	35	--	--	--	--	--	--	--
Bates Upper (ME)	--	--	--	314	--	--	--	--	--	--	--
Bonny Eagle (ME)	--	--	--	4,622	--	--	--	--	--	--	--
Brassua (ME)	--	--	--	--	--	--	--	--	--	--	--
Brunswick (ME)	--	--	--	9,603	--	--	--	--	--	--	--
C. E. Monty (ME)	--	--	--	13,111	--	--	--	--	--	--	--
Cape (ME)	--	-36	--	--	--	--	--	*	--	--	10
Cataract (ME)	--	--	--	3,990	--	--	--	--	--	--	--
Continental Mills (ME)	--	--	--	146	--	--	--	--	--	--	--
Deer Rips (ME)	--	--	--	3,271	--	--	--	--	--	--	--
Fort Halifax (ME)	--	--	--	740	--	--	--	--	--	--	--
Gulf Island (ME)	--	--	--	13,559	--	--	--	--	--	--	--
Harris (ME)	--	--	--	35,446	--	--	--	--	--	--	--
Hill Mill (ME)	--	--	--	-1	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 Maine Power Company											
Hiram (ME)	--	--	--	6,104	--	--	--	--	--	--	--
Islesboro (ME)	--	--	--	--	--	--	--	--	--	--	--
Mason (ME)	--	--	--	--	--	--	--	--	--	--	--
North Gorham (ME)	--	--	--	1,155	--	--	--	--	--	--	--
Oakland (ME)	--	--	--	1,010	--	--	--	--	--	--	--
Peaks Island (ME)	--	--	--	--	--	--	--	--	--	--	--
Rice Rips (ME)	--	--	--	568	--	--	--	--	--	--	--
Shawmut (ME)	--	--	--	5,342	--	--	--	--	--	--	--
Skelton (ME)	--	--	--	10,999	--	--	--	--	--	--	--
Union Gas (ME)	--	--	--	565	--	--	--	--	--	--	--
West Buxton (ME)	--	--	--	3,559	--	--	--	--	--	--	--
West Channel (MA)	--	--	--	-10	--	--	--	--	--	--	--
Weston (ME)	--	--	--	6,912	--	--	--	--	--	--	--
Williams (ME)	--	--	--	9,751	--	--	--	--	--	--	--
Wyman Hydro (ME)	--	--	--	46,738	--	--	--	--	--	--	--
Wyman, W F (ME)	--	4,898	--	--	--	--	--	14	--	--	498
Central Nebraska Pub Pwr & Irr											
Dist	--	--	-7	13,802	--	--	--	--	--	--	80
Canaday (NE)	--	--	-7	--	--	--	--	--	--	--	80
Jeffrey Canyon (NE)	--	--	--	5,547	--	--	--	--	--	--	--
Johnson No 1 (NE)	--	--	--	2,406	--	--	--	--	--	--	--
Johnson No 2 (NE)	--	--	--	2,441	--	--	--	--	--	--	--
Kingsley (NE)	--	--	--	3,408	--	--	--	--	--	--	--
Central Operating Company											
(AEP)	260,018	1,638	--	--	--	--	100	3	--	844	12
Sporn, Phil (WV)	260,018	1,638	--	--	--	--	100	3	--	844	12
Central Power & Light Co (CSW)											
* Central Storage *	417,920	202	756,425	4,551	--	--	197	*	7,760	218	478
Bates, J L (TX)	--	--	45,444	--	--	--	--	--	525	--	40
Coletto Creek (TX)	417,920	163	--	--	--	--	197	*	--	218	7
Davis, Barney M (TX)	--	13	192,554	--	--	--	--	*	1,891	--	137
Eagle Pass (TX)	--	--	--	4,551	--	--	--	--	--	--	--
Hill, Lon C (TX)	--	26	131,596	--	--	--	--	*	1,370	--	66
Joslin, E S (TX)	--	--	71,491	--	--	--	--	--	724	--	51
La Palma (TX)	--	--	67,404	--	--	--	--	--	680	--	43
Laredo (TX)	--	--	48,301	--	--	--	--	--	556	--	21
Nueces Bay (TX)	--	--	153,278	--	--	--	--	--	1,513	--	62
Victoria (TX)	--	--	46,357	--	--	--	--	--	500	--	53
Central Vermont Pub Serv Corp											
Arnold Falls (VT)	--	7	--	18,402	--	--	--	*	--	--	5
Ascutney (VT)	--	5	--	221	--	--	--	*	--	--	2
Bradford (VT)	--	--	--	691	--	--	--	--	--	--	--
Carver Falls (NY)	--	--	--	469	--	--	--	--	--	--	--
Cavendish (VT)	--	--	--	620	--	--	--	--	--	--	--
Clarks Falls (VT)	--	--	--	1,877	--	--	--	--	--	--	--
East Barnet (VT)	--	--	--	552	--	--	--	--	--	--	--
Fairfax Falls (VT)	--	--	--	2,279	--	--	--	--	--	--	--
Gage (VT)	--	--	--	401	--	--	--	--	--	--	--
Glen (VT)	--	--	--	487	--	--	--	--	--	--	--
Lower Middlebury (VT)	--	--	--	1,049	--	--	--	--	--	--	--
Milton (VT)	--	--	--	3,945	--	--	--	--	--	--	--
Passumpsic (VT)	--	--	--	481	--	--	--	--	--	--	--
Patch (VT)	--	--	--	44	--	--	--	--	--	--	--
Peterson (VT)	--	--	--	2,434	--	--	--	--	--	--	--
Fierce Mills (VT)	--	--	--	158	--	--	--	--	--	--	--
Pittsford (VT)	--	--	--	473	--	--	--	--	--	--	--
Rutland (VT)	--	--	--	--	--	--	--	--	--	--	3
Salisbury (VT)	--	--	--	121	--	--	--	--	--	--	--
Silver Lake (VT)	--	--	--	324	--	--	--	--	--	--	--
St. Albans (VT)	--	2	--	--	--	--	--	*	--	--	--
Taftsville (VT)	--	--	--	219	--	--	--	--	--	--	--
Weybridge (VT)	--	--	--	1,557	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Centralia Mun Hydro-Elec Plant ...	--	--	--	38	--	--	--	--	--	--	--
Centralia (WA)	--	--	--	38	--	--	--	--	--	--	--
Champion International	--	--	--	4,050	--	4,926	--	--	--	--	--
Lake Creek (MT)	--	--	--	4,050	--	--	--	--	--	--	--
Libby (MT)	--	--	--	--	--	4,926	--	--	--	--	--
Chanute City Of	--	11	-146	--	--	--	--	*	*	--	1
Chanute (KS)	--	--	--	--	--	--	--	--	--	--	*
Chanute 2 (KS)	--	--	-22	--	--	--	--	--	--	--	--
Chanute 3 (KS)	--	11	-124	--	--	--	--	*	*	--	1
Chappell City Of	--	--	--	--	--	--	--	--	--	--	--
Chappell (NE)	--	--	--	--	--	--	--	--	--	--	--
Chelan County P U D No 1	--	--	--	780,706	--	--	--	--	--	--	--
Chelan (WA)	--	--	--	829	--	--	--	--	--	--	--
Rock Island (WA)	--	--	--	212,225	--	--	--	--	--	--	--
Rocky Reach (WA)	--	--	--	567,652	--	--	--	--	--	--	--
Cheyenne Lt. Fuel & Power Co ...	--	--	--	--	--	--	--	--	--	--	--
Snyder (WY)	--	--	--	--	--	--	--	--	--	--	--
Chillicothe Municipal Utilities	--	6	4	--	--	--	--	*	*	2	8
Beardmore (MO)	--	6	4	--	--	--	--	*	*	2	8
Chugach Electric Assn, Inc	--	--	137,092	32,913	--	--	--	--	1,520	--	10
Beluga (AK)	--	--	131,367	--	--	--	--	--	1,412	--	--
Bernice Lake (AK)	--	--	5,525	--	--	--	--	--	103	--	3
Bradley Lake (AK)	--	--	--	25,564	--	--	--	--	--	--	--
Cooper Lake (AK)	--	--	--	7,349	--	--	--	--	--	--	--
International (AK)	--	--	78	--	--	--	--	--	2	--	7
Soldotna (AK)	--	--	122	--	--	--	--	--	3	--	--
Cincinnati Gas & Electric Co	1,141,067	10,041	5,475	--	--	--	478	23	74	1,687	153
Beckjord, Walter C (OH)	529,641	3,338	--	--	--	--	222	6	--	309	20
Dicks Creek (OH)	--	163	6	--	--	--	--	*	3	--	3
East Bend (KY)	2,320	251	--	--	--	--	4	2	--	209	4
Miami Fort (OH)	580,433	1,738	--	--	--	--	235	3	--	550	17
W. H. Zimmer ()	28,673	4,551	--	--	--	--	17	12	--	619	11
Woodsdale (OH)	--	--	5,469	--	--	--	--	--	71	--	98
Citizens Utilities Co	--	--	--	3,002	--	--	--	--	--	--	*
Charleston (VT)	--	--	--	472	--	--	--	--	--	--	--
Newport (VT)	--	--	--	2,360	--	--	--	--	--	--	*
Newport Diesel (VT)	--	--	--	--	--	--	--	--	--	--	--
North Troy (VT)	--	--	--	170	--	--	--	--	--	--	--
Citizens Utilities Company	--	63	115	--	--	--	--	*	2	--	1
Valencia (AZ)	--	63	115	--	--	--	--	*	2	--	1
Clarksdale Water & Light Dept ...	--	--	2,038	--	--	--	--	--	24	--	13
South (MS)	--	--	2,038	--	--	--	--	--	24	--	13
Third St (MS)	--	--	--	--	--	--	--	--	--	--	--
Clay Center Mun Lt & Water	--	--	--	--	--	--	--	--	--	--	3
Plant	--	--	--	--	--	--	--	--	--	--	3
Claycenter (KS)	--	--	--	--	--	--	--	--	--	--	--
Cleveland Elec Illum Co, The	1,069,061	4,400	--	--	-17,121	--	414	10	--	605	80
Ashtabula (OH)	80,663	390	--	--	--	--	38	1	--	138	1
Avon Lake (OH)	367,648	815	--	--	--	--	144	2	--	160	13
Eastlake (OH)	587,200	532	--	--	--	--	217	1	--	253	13
Lake Shore (OH)	33,550	2,663	--	--	--	--	15	5	--	53	52
Perry (OH)	--	--	--	--	-17,121	--	--	--	--	--	--
Cleveland Publ Utils Dept	--	--	27	--	--	--	--	*	1	--	3
Collinwood (OH)	--	--	--	--	--	--	--	--	*	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Cleveland Publ Utls Dept											
Lake Road (OH)	--	--	--	--	--	--	--	--	--	--	--
West 41st Street (OH)	--	--	27	--	--	--	--	*	1	--	2
Clinton Village Of	--	4	--	--	--	--	--	*	*	--	*
Clinton (MI)	--	4	--	--	--	--	--	*	*	--	*
Cloverland Electric Coop	--	-58	--	--	--	--	--	--	--	--	1
Dafer (MI)	--	-35	--	--	--	--	--	--	--	--	*
Detour (MI)	--	-23	--	--	--	--	--	--	--	--	*
Coffeyville Mun Lt Dept	--	--	9,097	--	--	--	--	--	141	--	--
Coffeyville (KS)	--	--	9,097	--	--	--	--	--	141	--	--
Coggon Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Coggon (IA)	--	--	--	--	--	--	--	--	--	--	--
Colby Mun Wtr & Lt Plant	--	--	--	--	--	--	--	--	--	--	2
Colby (KS)	--	--	--	--	--	--	--	--	--	--	2
Coldwater City Of (Bd Of Pub Utls)	--	5	--	--	--	--	--	*	--	--	1
Coldwater (MI)	--	5	--	--	--	--	--	*	--	--	1
Coleman City Of	--	4	68	--	--	--	--	*	1	--	1
Coleman (TX)	--	4	68	--	--	--	--	*	1	--	1
Colorado Springs, City Of	233,902	221	-28	24	--	--	115	*	--	425	42
Drake, Martin (CO)	106,823	--	--	--	--	--	58	--	--	74	5
George Birdsal (CO)	--	--	-28	--	--	--	--	--	--	--	34
Manitou (CO)	--	--	--	--	--	--	--	--	--	--	--
Ray D. Nixon (CO)	127,079	221	--	--	--	--	57	*	--	350	3
Ruxton (CO)	--	--	--	24	--	--	--	--	--	--	--
Columbia Water & Light Dept	1,858	--	--	--	--	--	1	--	--	5	2
Columbia (MO)	1,858	--	--	--	--	--	1	--	--	5	2
Columbus & Southern Ohio Elec Co	278,167	4,054	--	--	--	--	122	7	--	1,075	12
Conesville (OH)	231,730	3,977	--	--	--	--	99	7	--	1,025	10
Picway (OH)	46,437	77	--	--	--	--	23	*	--	50	2
Columbus City Of	--	--	--	--	--	--	--	--	--	--	--
Municipal Electric (OH)	--	--	--	--	--	--	--	--	--	--	--
O Shaughnessy (OH)	--	--	--	--	--	--	--	--	--	--	--
Commonwealth Edison Co Of Indiana	67,979	--	3,426	--	--	--	44	--	40	209	--
State Line (IN)	67,979	--	3,426	--	--	--	44	--	40	209	--
Commonwealth Edison Company (CES)	1,038,605	11,368	29,791	702	6,817,636	--	663	100	333	3,506	825
Bloom (IL)	--	--	--	--	--	--	--	--	--	--	--
Braidwood (IL)	--	--	--	--	1,339,064	--	--	--	--	--	--
Byron (IL)	--	--	--	--	1,407,946	--	--	--	--	--	--
Calumet (IL)	--	--	61	--	--	--	--	--	1	--	8
Collins (IL)	--	1,982	--	--	--	--	--	82	--	--	730
Crawford (IL)	70,375	--	3,189	--	--	--	42	--	35	180	6
Dixon (IL)	--	--	--	702	--	--	--	--	--	--	--
Dresden (IL)	--	--	--	--	557,409	--	--	--	--	--	--
Electric Junction (IL)	--	--	43	--	--	--	--	--	*	--	17
Fisk Street (IL)	44,826	94	5,205	--	--	--	27	*	57	137	11
Joliet (IL)	73,230	27	1,940	--	--	--	41	*	20	210	15
Joliet 7 & 8 (IL)	161,614	--	16,823	--	--	--	98	--	189	632	2
Kincaid (IL)	110,652	--	1,403	--	--	--	68	--	18	42	--
Lasalle (IL)	--	--	--	--	1,487,051	--	--	--	--	--	--
Lombard (IL)	--	--	9	--	--	--	--	--	*	--	10
Powerton (IL)	291,772	--	1,074	--	--	--	207	--	13	1,441	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 Company (CES)											
Quad-cities (IL)	--	--	--	--	551,865	--	--	--	--	--	--
Sabrooke (IL)	--	48	--	--	--	--	--	*	--	--	10
Waukegan (IL)	54,576	1,938	44	--	--	--	35	4	1	366	13
Will County (IL)	231,560	7,279	--	--	--	--	145	14	--	498	3
Zion (IL)	--	--	--	--	1,474,303	--	--	--	--	--	--
Commonwealth Energy System (CES)											
Airport Diesel (MA)	--	404,616	5,208	--	--	--	--	633	61	--	229
Blackstone Street (MA)	--	2	--	--	--	--	--	*	--	--	*
Canal (MA)	--	404,411	--	--	--	--	--	632	--	--	3
Cannon Street (MA)	--	--	--	--	--	--	--	--	--	--	178
Kendall Square (MA)	--	203	5,208	--	--	--	--	*	61	--	46
Oak Bluffs (MA)	--	--	--	--	--	--	--	--	--	--	1
West Tisbury (MA)	--	--	--	--	--	--	--	--	--	--	2
Connecticut Light & Power Co (NU)											
Bantam (CT)	--	51,557	496	28,210	--	41,961	--	106	8	--	1,284
Branford (CT)	--	--	--	102	--	--	--	--	--	--	--
Bulls Bridge (CT)	--	--	--	4,587	--	--	--	--	--	--	1
Cos Cob (CT)	--	-16	--	--	--	--	--	--	--	--	6
Devon (CT)	--	4,705	--	--	--	--	--	11	--	--	203
Falls Village (CT)	--	--	--	3,907	--	--	--	--	--	--	--
Franklin (CT)	--	-10	--	--	--	--	--	--	--	--	1
Middletown (CT)	--	1,498	--	--	--	--	--	8	--	--	520
Montville (CT)	--	6,115	496	--	--	--	--	16	8	--	289
Norwalk Harbor (CT)	--	38,841	--	--	--	--	--	69	--	--	214
Robertsville (CT)	--	--	--	130	--	--	--	--	--	--	--
Rocky River (CT)	--	--	--	87	--	--	--	--	--	--	--
Scotland (CT)	--	--	--	470	--	--	--	--	--	--	--
Shepaug (CT)	--	--	--	9,872	--	--	--	--	--	--	--
South Meadow (CT)	--	420	--	--	--	41,961	--	1	--	--	47
Stevenson (CT)	--	--	--	7,745	--	--	--	--	--	--	--
Taftville (CT)	--	--	--	560	--	--	--	--	--	--	--
Torrington (CT)	--	-4	--	--	--	--	--	--	--	--	1
Tunnel (CT)	--	8	--	750	--	--	--	*	--	--	1
Connecticut Yankee Atomic Pwr Co											
Haddam Neck (CT)	--	--	--	--	189,088	--	--	--	--	--	--
Consolidated Edison Co Of N Y, Inc											
* Central Storage *	--	78,348	620,916	--	452,535	--	--	148	6,675	--	3,224
Arthur Kill (NY)	--	76	43,114	--	--	--	--	*	501	--	2,315
Astoria (NY)	--	6,579	320,867	--	--	--	--	11	3,428	--	20
Buchanan (NY)	--	71	--	--	--	--	--	*	--	--	292
East River (NY)	--	26,638	10,195	--	--	--	--	59	142	--	4
Gowanus (NY)	--	3,292	--	--	--	--	--	10	--	--	224
Hudson Avenue (NY)	--	14,006	--	--	--	--	--	19	--	--	48
Indian Point (NY)	--	50	--	--	452,535	--	--	*	--	--	161
Narrows (NY)	--	21	2,662	--	--	--	--	*	43	--	1
Ravenswood (NY)	--	12,974	199,584	--	--	--	--	21	2,064	--	78
Waterside (NY)	--	21	44,494	--	--	--	--	*	497	--	64
59Th Street (NY)	--	2,773	--	--	--	--	--	7	--	--	1
74Th Street (NY)	--	11,847	--	--	--	--	--	20	--	--	14
Consolidated Water Power Company											
Biron (WI)	--	--	--	12,817	--	--	--	--	--	--	--
Du Bay (WI)	--	--	--	2,127	--	--	--	--	--	--	--
Stevens Point (WI)	--	--	--	5,267	--	--	--	--	--	--	--
Wisconsin Rapids (WI)	--	--	--	2,772	--	--	--	--	--	--	--
Wisconsin River Di (WI)	--	--	--	2,651	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 Company	1,307,093	11,691	607	15,658	298,971	--	541	40	9	740	179
Alcona (MI)	--	--	--	3,068	--	--	--	--	--	--	--
Allegan Dam (MI)	--	--	--	1,311	--	--	--	--	--	--	--
Big Rock Point (MI)	--	--	--	--	42,037	--	--	--	--	--	--
Campbell, J H (MI)	658,653	615	--	--	--	--	256	1	--	305	6
Cobb, B C (MI)	87,042	9	415	--	--	--	43	--	4	186	--
Cooke (MI)	--	--	--	3,032	--	--	--	--	--	--	--
Croton (MI)	--	--	--	4,363	--	--	--	--	--	--	--
Five Channels (MI)	--	--	--	2,756	--	--	--	--	--	--	--
Footo (MI)	--	--	--	3,377	--	--	--	--	--	--	--
Gaylord (MI)	--	--	83	--	--	--	--	--	2	--	--
Hardy (MI)	--	--	--	9,958	--	--	--	--	--	--	--
Hodenpyl (MI)	--	--	--	2,940	--	--	--	--	--	--	--
Karn, D E (MI)	230,069	10,905	--	--	--	--	99	38	--	98	170
Loud (MI)	--	--	--	2,116	--	--	--	--	--	--	--
Ludington (MI)	--	--	--	-29,758	--	--	--	--	--	--	--
Mio (MI)	--	--	--	1,749	--	--	--	--	--	--	--
Morrow, B E (MI)	--	--	--	--	--	--	--	--	--	--	--
Palisades (MI)	--	--	--	--	256,934	--	--	--	--	--	--
Rogers (MI)	--	--	--	3,324	--	--	--	--	--	--	--
Straits (MI)	--	--	135	--	--	--	--	--	1	--	--
Thetford (MI)	--	--	-26	--	--	--	--	--	1	--	--
Tippy, C W (MI)	--	--	--	5,630	--	--	--	--	--	--	--
Weadock, J C (MI)	170,436	92	--	--	--	--	76	--	--	56	--
Webber (MI)	--	--	--	1,792	--	--	--	--	--	--	--
Whiting, J R (MI)	160,893	70	--	--	--	--	67	--	--	96	3
Coon Rapids Mun Utilities	--	--	--	--	--	--	--	--	--	--	1
Coon Rapids (IA)	--	--	--	--	--	--	--	--	--	--	1
Cooperative Power Association ..	357,178	293	--	--	--	--	312	1	--	702	33
Bonifacius (MN)	--	56	--	--	--	--	--	--	--	--	7
Coal Creek (ND)	357,178	237	--	--	--	--	312	--	--	702	27
Copper Valley Electric Assn, Inc. ..	--	67	--	5,841	--	--	--	--	--	--	2
Glennallen (AK)	--	95	--	--	--	--	--	--	--	--	1
Valdez (AK)	--	--	--	5,841	--	--	--	--	--	--	--
Valdez (AK)	--	-28	--	--	--	--	--	--	--	--	1
Cordova City Of	--	1,297	--	541	--	--	--	2	--	--	1
Cordova (AK)	--	43	--	--	--	--	--	--	--	--	--
Humpback Creek (AK)	--	--	--	541	--	--	--	--	--	--	--
Ocean Dock (AK)	--	1,254	--	--	--	--	--	2	--	--	--
Corn Belt Power Coop	-34	--	-69	--	--	--	--	--	--	22	--
Humboldt (IA)	-34	--	--	--	--	--	--	--	--	--	--
Wisdom, Earl F (IA)	--	--	-69	--	--	--	--	--	--	22	--
Corning Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Corning (IA)	--	--	--	--	--	--	--	--	--	--	--
Craig-Botetourt Electric Coop	--	--	--	76	--	--	--	--	--	--	--
New Castle (VA)	--	--	--	76	--	--	--	--	--	--	--
Crawfordsville Elec Lt & Pwr Util ..	--	--	--	--	--	--	--	--	--	1	--
Crawfordsville (IN)	--	--	--	--	--	--	--	--	--	1	--
Crete City Of	--	19	116	--	--	--	--	--	1	--	2
Crete (NE)	--	19	116	--	--	--	--	--	1	--	2
Crisp County Power Commission ..	1	--	--	4,462	--	--	--	--	1	3	--
Crisp (GA)	1	--	--	--	--	--	--	--	1	3	--
Warwick (GA)	--	--	--	4,462	--	--	--	--	--	--	--
Crystal Falls City Of (Lt & Wtr)	--	--	--	651	--	--	--	--	--	--	--
Crystal Falls (MI)	--	--	--	651	--	--	--	--	--	--	--
Culpeper Town Of	--	104	29	--	--	--	--	--	--	--	1
Culpeper (VA)	--	104	29	--	--	--	--	--	--	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Cumberland Municipal Utility	--	4	--	--	--	--	--	*	--	--	1
Cumberland (WI)	--	4	--	--	--	--	--	*	--	--	1
Curtis City Of	--	--	--	--	--	--	--	--	--	--	--
Curtis (NE)	--	--	--	--	--	--	--	--	--	--	--
Cushing City Of	--	5	5	--	--	--	--	*	*	--	1
Cushing (OK)	--	5	5	--	--	--	--	*	*	--	1
Dahlberg Light & Power Co	--	--	--	358	--	--	--	--	--	--	*
Gordon (WI)	--	--	--	70	--	--	--	--	--	--	*
Nancy (WI)	--	--	--	288	--	--	--	--	--	--	*
Solon Diesel (WI)	--	--	--	--	--	--	--	--	--	--	*
Dairyland Power Cooperative	313,190	810	--	9,405	--	--	178	1	--	640	7
Alma (WI)	33,545	75	--	--	--	--	19	*	--	83	*
Flambeau (WI)	--	--	--	9,405	--	--	--	--	--	--	--
Genoa (WI)	129,528	567	--	--	--	--	58	1	--	415	4
J P Madgett (WI)	147,897	72	--	--	--	--	100	*	--	115	3
Stoneman (WI)	2,220	96	--	--	--	--	1	*	--	27	*
Darville Water, Gas & Elec Dept ..	--	--	--	3,152	--	--	--	--	--	--	--
Pinnacles (VA)	--	--	--	3,152	--	--	--	--	--	--	--
Dayton Light & Power	--	--	--	--	--	--	--	--	--	--	--
Dayton (IA)	--	--	--	--	--	--	--	--	--	--	--
Dayton Power & Light Company,											
The	1,567,664	2,525	1,141	--	--	--	638	4	18	765	39
Frank M Tait (OH)	--	66	--	--	--	--	--	*	--	--	1
Hutchings (OH)	3,959	--	520	--	--	--	3	--	8	42	1
Killen Station (OH)	420,961	866	--	--	--	--	169	1	--	31	29
Monument (OH)	--	94	--	--	--	--	--	*	--	--	1
Sidney (OH)	--	93	--	--	--	--	--	*	--	--	1
Stuart, J M (OH)	1,142,744	1,395	--	--	--	--	467	2	--	692	2
Yankee Street (OH)	--	11	621	--	--	--	--	*	10	--	5
Delano Municipal Power Plant	--	--	--	--	--	--	--	--	--	--	2
Delano (MN)	--	--	--	--	--	--	--	--	--	--	2
Delmarva Power & Light Co. Of											
Del	318,814	119,865	22,371	--	--	--	134	193	255	433	746
Bayview (VA)	--	-8	--	--	--	--	--	*	--	--	2
Christiana (DE)	--	146	--	--	--	--	--	*	--	--	14
Crisfield (MD)	--	6	--	--	--	--	--	*	--	--	*
Delaware City (DE)	--	-3	--	--	--	--	--	--	--	--	4
Edge Moor (DE)	35,492	116,659	8,133	--	--	--	16	186	83	89	440
Hay Road (DE)	--	--	14,238	--	--	--	--	--	172	--	91
Indian River (DE)	283,322	3,184	--	--	--	--	118	6	--	344	9
Madison Street (DE)	--	18	--	--	--	--	--	*	--	--	1
Tasley (VA)	--	-15	--	--	--	--	--	--	--	--	10
Vienna (MD)	--	-210	--	--	--	--	--	*	--	--	176
West Substation (DE)	--	88	--	--	--	--	--	*	--	--	1
Delta City Of	--	3	32	--	--	--	--	*	*	--	*
Delta (CO)	--	3	32	--	--	--	--	*	*	--	*
Denison Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Denison (IA)	--	--	--	--	--	--	--	--	--	--	--
Denton Municipal Utilities	--	--	10,524	1,596	--	--	--	--	159	--	30
Lewisdale (TX)	--	--	--	1,046	--	--	--	--	--	--	--
Roberts (TX)	--	--	--	550	--	--	--	--	--	--	--
Spencer (TX)	--	--	10,524	--	--	--	--	--	159	--	30
Denver City & County Of	--	--	--	6,139	--	--	--	--	--	--	--
Blue River (CO)	--	--	--	954	--	--	--	--	--	--	--
Foothills (CO)	--	--	--	895	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Denver City & County Of											
Roberts Tunnel (CO)	--	--	--	1,158	--	--	--	--	--	--	--
Strontia Sprgs (CO)	--	--	--	801	--	--	--	--	--	--	--
Williams Fork (CO)	--	--	--	2,331	--	--	--	--	--	--	--
Deseret Generating & Transmission	210,415	291	--	--	--	--	93	*	--	483	3
Bonanza (UT)	210,415	291	--	--	--	--	93	*	--	483	3
Deshler Municipal Utilities	--	--	--	--	--	--	--	--	--	--	*
Deshler (NE)	--	--	--	--	--	--	--	--	--	--	*
Detroit City Of (Pub Lighting Dept)	--	16,742	--	--	--	--	--	26	--	--	55
Mistersky (MI)	--	16,742	--	--	--	--	--	26	--	--	55
Detroit Edison Company, The	3,004,662	8,235	21,227	--	769,928	--	1,501	18	1,324	5,231	354
* Central Storage *	--	--	--	--	--	--	--	--	--	2,428	--
Beacon Heating (MI)	--	--	-710	--	--	--	--	--	--	--	7
Belle River (MI)	679,356	992	--	--	--	--	365	2	--	--	11
Colfax (MI)	--	-29	--	--	--	--	--	--	--	--	1
Connors Creek (MI)	--	-15	--	--	--	--	--	--	--	--	*
Dayton (MI)	--	-35	--	--	--	--	--	--	--	--	*
Enrico Fermi (MI)	--	81	--	--	769,928	--	--	*	--	--	5
Greenwood (MI)	--	-1,298	--	--	--	--	--	--	--	--	263
Hancock (MI)	--	--	22	--	--	--	--	--	1	--	--
Harbor Beach (MI)	8,168	146	--	--	--	--	4	*	--	13	*
Marysville (MI)	15,749	--	644	--	--	--	8	--	8	1	--
Monroe (MI)	1,428,121	4,627	--	--	--	--	673	8	--	1,404	9
Northeast (MI)	--	-47	--	--	--	--	--	*	--	--	2
Oliver (MI)	--	-33	--	--	--	--	--	--	--	--	1
Placid (MI)	--	-31	--	--	--	--	--	--	--	--	1
Putnam (MI)	--	-32	--	--	--	--	--	--	--	--	1
River Rouge (MI)	232,582	-17	20,194	--	--	--	105	--	1,303	75	*
Slocum (MI)	--	-19	--	--	--	--	--	*	--	--	*
St. Clair (MI)	410,519	2,241	1,077	--	--	--	234	4	11	1,214	42
Superior (MI)	--	-41	--	--	--	--	--	--	--	--	2
Trenton Channel (MI)	230,167	1,758	--	--	--	--	111	3	--	96	9
Wilmott (MI)	--	-13	--	--	--	--	--	*	--	--	1
Detroit Lakes City Of	--	--	--	--	--	--	--	--	--	--	--
Detroit Lakes (MN)	--	--	--	--	--	--	--	--	--	--	--
Douglas County Pud No 1	--	--	--	402,670	--	--	--	--	--	--	--
Wells (WA)	--	--	--	402,670	--	--	--	--	--	--	--
Dover Elec Lt & Power Plant	133	--	--	--	--	--	*	--	--	*	*
Dover (OH)	133	--	--	--	--	--	*	--	--	*	*
Dover Electric Department	--	3,290	935	--	--	--	--	9	17	--	13
McKee Run (DE)	--	3,285	899	--	--	--	--	9	16	--	10
Van Sant (DE)	--	5	36	--	--	--	--	*	1	--	3
Dowagiac Dept Of Public Service	--	67	104	--	--	--	--	*	1	--	*
Dowagiac (MI)	--	67	104	--	--	--	--	*	1	--	*
Duke Power Company	2,452,280	6,587	953	194,066	3,762,754	--	912	12	12	2,214	99
Allen (NC)	91,946	1,811	--	--	--	--	34	3	--	443	3
Bad Creek (SC)	--	--	--	-33,874	--	--	--	--	--	--	--
Belews Creek (NC)	823,714	947	--	--	--	--	303	1	--	762	6
Boyd's Mill (SC)	--	--	--	681	--	--	--	--	--	--	--
Bridgewater (NC)	--	--	--	8,229	--	--	--	--	--	--	--
Buck (NC)	73,812	-30	--	--	--	--	29	1	--	59	10
Buzzard Roost (SC)	--	299	356	6,068	--	--	--	1	7	--	30
Catawba (NC)	--	--	--	--	1,668,572	--	--	--	--	--	--
Cedar Creek (SC)	--	--	--	16,380	--	--	--	--	--	--	--
Cliffside (NC)	214,747	777	--	--	--	--	85	1	--	156	2
Cowans Ford (NC)	--	--	--	21,939	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Duke Power Company											
Dan River (NC)	62,557	93	99	--	--	--	25	*	1	55	12
Dearborn (SC)	--	--	--	12,609	--	--	--	--	--	--	--
Fishing Creek (SC)	--	--	--	18,634	--	--	--	--	--	--	--
Gaston Shoals (SC)	--	--	--	1,532	--	--	--	--	--	--	--
Great Falls (SC)	--	--	--	8,884	--	--	--	--	--	--	--
Holidays Bridge (SC)	--	--	--	1,665	--	--	--	--	--	--	--
Idols (NC)	--	--	--	-18	--	--	--	--	--	--	--
Jocassee (SC)	--	--	--	9,302	--	--	--	--	--	--	--
Keowee (SC)	--	--	--	8,323	--	--	--	--	--	--	--
Lee (SC)	74,570	859	347	--	--	--	31	1	3	88	10
Lookout Shoals (NC)	--	--	--	13,564	--	--	--	--	--	--	--
Marshall (NC)	1,059,580	913	--	--	--	--	38	1	--	514	6
Mc Guire (NC)	--	--	--	--	817,943	--	--	--	--	--	--
Mountain Island (NC)	--	--	--	14,976	--	--	--	--	--	--	--
Oconee (SC)	--	--	--	--	1,276,239	--	--	--	--	--	--
Oxford (NC)	--	--	--	15,487	--	--	--	--	--	--	--
Rhodhiss (NC)	--	--	--	9,320	--	--	--	--	--	--	--
Riverbend (NC)	51,354	918	151	--	--	--	21	2	2	137	18
Rocky Creek (SC)	--	--	--	1,760	--	--	--	--	--	--	--
Saluda (SC)	--	--	--	1,102	--	--	--	--	--	--	--
Spencer Mountain (NC)	--	--	--	256	--	--	--	--	--	--	--
Stice Shoals (NC)	--	--	--	362	--	--	--	--	--	--	--
Turner Shoals (NC)	--	--	--	2,058	--	--	--	--	--	--	--
Tuxedo (NC)	--	--	--	2,542	--	--	--	--	--	--	--
Urquhart (SC)	--	--	--	--	--	--	--	--	*	--	3
Wateree (SC)	--	--	--	24,676	--	--	--	--	--	--	--
Wylie (SC)	--	--	--	18,149	--	--	--	--	--	--	--
99 Islands (SC)	--	--	--	9,460	--	--	--	--	--	--	--
Duquesne Light Company											
Beaver Valley (PA)	552,696	-253	347	--	573,967	--	225	2	3	488	56
Brunot Island (PA)	--	-460	--	--	573,967	--	--	1	--	--	55
Cheswick (PA)	346,158	--	347	--	--	--	131	--	3	285	--
Elrama (PA)	206,538	207	--	--	--	--	94	1	--	204	1
Phillips, F (PA)	--	--	--	--	--	--	--	--	--	--	--
Durant Municipal Electric Plant											
Durant (IA)	--	--	--	--	--	--	--	--	--	--	*
East Bay Mun Utility District											
Camanche (CA)	--	--	--	27,949	--	--	--	--	--	--	--
Pardee (CA)	--	--	--	7,085	--	--	--	--	--	--	--
East Kentucky Power											
Cooperative	535,210	854	--	--	--	--	223	2	--	497	5
Cooper (KY)	21,950	114	--	--	--	--	12	*	--	139	*
Dale (KY)	80,863	135	--	--	--	--	39	*	--	35	*
Spurlock, H L (KY)	432,397	605	--	--	--	--	172	1	--	323	4
Eastern Maine Elec Coop, Inc											
Portable (ME)	--	-1	--	--	--	--	--	*	--	--	*
River Street (ME)	--	-1	--	--	--	--	--	*	--	--	*
Easton Utilities Commission, The											
Easton (MD)	--	1,634	132	--	--	--	--	3	1	--	21
Easton No. 2 (MD)	--	278	104	--	--	--	--	1	1	--	15
Easton No. 2 (MD)	--	1,356	28	--	--	--	--	2	*	--	5
Edison Sault Electric Co											
Edison Sault (MI)	--	20	--	18,756	--	--	--	*	--	--	*
Manistique (MI)	--	--	--	18,756	--	--	--	--	--	--	--
Egegik Light & Power Company											
Egegik (AK)	--	88	--	--	--	--	--	*	--	--	--
El Paso Electric Company											
Copper (TX)	--	--	136,051	--	--	--	--	--	1,616	--	78
Newman (TX)	--	--	1,526	--	--	--	--	--	26	--	7
Rio Grande (NM)	--	--	50,660	--	--	--	--	--	626	--	11
Rio Grande (NM)	--	--	83,865	--	--	--	--	--	964	--	61

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 (bbbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbbls)
Electra City Of	--	--	--	--	--	--	--	--	--	--	--
Electra (TX)	--	--	--	--	--	--	--	--	--	--	--
Electric Energy, Inc	591,395	934	--	--	--	--	296	2	--	499	1
Joppa Steam (IL)	591,395	934	--	--	--	--	296	2	--	499	1
Elk River Municipal Utilities	--	6	--	--	--	--	--	*	--	--	*
Elk River (MN)	--	6	--	--	--	--	--	*	--	--	*
Ellinwood Lt & Water	--	--	--	--	--	--	--	--	--	--	*
Ellinwood (KS)	--	--	--	--	--	--	--	--	--	--	*
Elroy City Of	--	-2	--	--	--	--	--	*	--	--	*
Elroy (WI)	--	-2	--	--	--	--	--	*	--	--	*
Emerson Light & Power Plant	--	--	--	--	--	--	--	*	*	--	*
Emerson (NE)	--	--	--	--	--	--	--	*	*	--	*
Empire District Electric Co	119,494	-2	1,996	8,981	--	--	71	*	32	146	47
Asbury (MO)	90,347	104	--	--	--	--	56	*	--	91	1
Energy Center (MO)	--	-106	--	--	--	--	--	--	--	--	23
Ozark Beach (MO)	--	--	--	8,981	--	--	--	--	--	--	--
Riverton (KS)	29,147	--	1,996	--	--	--	15	--	32	55	23
Enosburg Falls Inc Village Of	--	--	--	625	--	--	--	--	--	--	*
Diesel Plt (VT)	--	--	--	--	--	--	--	--	--	--	*
Kendall (VT)	--	--	--	194	--	--	--	--	--	--	--
Village Plt (VT)	--	--	--	431	--	--	--	--	--	--	--
Ephraim City Corporation	--	--	--	852	--	--	--	--	--	--	--
No. 1 (UT)	--	--	--	58	--	--	--	--	--	--	--
No. 3 (UT)	--	--	--	757	--	--	--	--	--	--	--
No. 4 (UT)	--	--	--	37	--	--	--	--	--	--	--
Erie Water & Light	--	--	--	--	--	--	--	--	--	--	--
Erie (KS)	--	--	--	--	--	--	--	--	--	--	--
Escondido Mutual Wtr Co	--	--	--	1,177	--	--	--	--	--	--	--
Bear Valley (CA)	--	--	--	1,082	--	--	--	--	--	--	--
Rincon Pwr (CA)	--	--	--	95	--	--	--	--	--	--	--
Estherville City Of	--	--	--	--	--	--	--	*	--	--	2
Estherville (IA)	--	--	--	--	--	--	--	*	--	--	2
Eugene City Of	--	--	--	43,645	--	--	--	--	--	--	--
Carmen (OR)	--	--	--	29,875	--	--	--	--	--	--	--
Leaburg (OR)	--	--	--	6,798	--	--	--	--	--	--	--
Walterville (OR)	--	--	--	6,972	--	--	--	--	--	--	--
Willamette (OR)	--	--	--	--	--	--	--	--	--	--	--
Fairbanks Mun Utilities System	5,596	--	--	--	--	--	6	--	--	6	1
Chena (AK)	5,596	--	--	--	--	--	6	--	--	6	1
Fairbury Light & Water Dept	--	--	--	--	--	--	--	--	--	--	*
Fairbury (NE)	--	--	--	--	--	--	--	--	--	--	*
Fairfax Mun Pwr Plant	--	--	--	--	--	--	--	--	--	--	--
Fairfax (MN)	--	--	--	--	--	--	--	--	--	--	--
Fairfield Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Fairfield (IL)	--	--	--	--	--	--	--	--	--	--	--
Fairmont Pub Util Comm	-29	-29	-58	--	--	--	--	--	--	2	1
Fairmont (MN)	-29	-29	-58	--	--	--	--	--	--	2	1
Fairview Light & Water Dept	--	--	--	--	--	--	--	--	--	--	--
Fairview (OK)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Fall River Rural Elec Coop	--	--	--	4	--	--	--	--	--	--	--
Felt (ID)	--	--	--	4	--	--	--	--	--	--	--
New Felt (ID)	--	--	--	--	--	--	--	--	--	--	--
Falls City Water & Light Dept	--	2	32	--	--	--	--	*	*	--	*
Falls City (NE)	--	2	32	--	--	--	--	*	*	--	*
Farmer City City Of	--	9	1	--	--	--	--	*	*	--	*
Farmer City (IL)	--	9	1	--	--	--	--	*	*	--	*
Farmington City Of	--	--	6,270	17,837	--	--	--	--	90	--	--
Animas (NM)	--	--	6,270	--	--	--	--	--	90	--	--
Navajo (NM)	--	--	--	17,837	--	--	--	--	--	--	--
Farmington River Pwr Co	--	--	--	2,777	--	--	--	--	--	--	--
Rainbow (CT)	--	--	--	2,777	--	--	--	--	--	--	--
Fayette Water & Light Plant	--	28	--	--	--	--	--	*	--	--	*
Fayette (MO)	--	28	--	--	--	--	--	*	--	--	*
Fayetteville, Pub Works Comm											
Of	--	4	6,982	--	--	--	--	*	98	--	50
Pod #2 (NC)	--	4	6,982	--	--	--	--	*	98	--	50
Fennimore Municipal Utilities	--	8	--	--	--	--	--	*	--	--	*
Fennimore (WI)	--	8	--	--	--	--	--	*	--	--	*
Fishers Is Elec Corp (the	--	--	--	--	--	--	--	--	--	--	--
Fishers Isl (NY)	--	--	--	--	--	--	--	--	--	--	--
Fitchburg Gas & Elec Light Co	--	--	50	--	--	--	--	--	1	--	1
Fitchburg (MA)	--	--	50	--	--	--	--	--	1	--	1
Florida Keys Elec Coop Assn Inc	--	40	--	--	--	--	--	*	--	--	3
Marathon (FL)	--	40	--	--	--	--	--	*	--	--	3
Florida Power & Light Company .	--	1,880,031	1,333,612	--	885,977	--	--	2,906	11,763	--	4,381
Cape Canaveral (FL)	--	195,754	61,647	--	--	--	--	289	622	--	348
Cutler (FL)	--	--	27,421	--	--	--	--	--	341	--	--
Fort Meyers (FL)	--	274,671	--	--	--	--	--	413	--	--	514
Lauderdale (FL)	--	5,764	277,579	--	--	--	--	8	1,018	--	104
Manatee (FL)	--	416,346	--	--	--	--	--	663	--	--	1,305
Martin (FL)	--	150,291	201,129	--	--	--	--	236	2,203	--	787
Port Everglades (FL)	--	267,932	268,941	--	--	--	--	409	2,804	--	267
Putnam (FL)	--	16	270,910	--	--	--	--	*	2,439	--	30
Riviera (FL)	--	147,448	439	--	--	--	--	229	10	--	206
Sanford (FL)	--	268,299	53,322	--	--	--	--	430	577	--	544
St. Lucie (FL)	--	--	--	--	389,914	--	--	--	--	--	--
Turkey Point (FL)	--	153,510	172,224	--	496,063	--	--	228	1,750	--	276
Florida Power Corporation	1,262,633	315,875	8,746	--	618,049	--	486	535	99	832	1,651
* Central Storage *	--	--	--	--	--	--	--	--	--	--	445
Anclote (FL)	--	151,947	--	--	--	--	--	247	--	--	431
Avon Park (FL)	--	3	--	--	--	--	--	*	--	--	8
Bartow, P L (FL)	--	100,775	--	--	--	--	--	166	--	--	158
Bayboro (FL)	--	285	--	--	--	--	--	1	--	--	39
Crystal River (FL)	1,262,633	6,692	--	--	618,049	--	486	11	--	832	15
Debary (FL)	--	3,386	--	--	--	--	--	8	--	--	141
Higgins (FL)	--	14,692	--	--	--	--	--	29	--	--	95
Intercession City (FL)	--	219	--	--	--	--	--	1	--	--	86
Port St. Joe (FL)	--	11	--	--	--	--	--	*	--	--	3
Rio Pinar (FL)	--	--	--	--	--	--	--	--	--	--	2
Suwannee River (FL)	--	15,553	--	--	--	--	--	32	--	--	112
Turner, G E (FL)	--	22,312	8,746	--	--	--	--	41	99	--	117
Florida Public Utilities Co	--	--	--	--	--	--	--	--	--	--	--
Blue Springs (FL)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Floydada City of	--	--	--	--	--	--	--	--	--	--	*
Floydada (TX)	--	--	--	--	--	--	--	--	--	--	*
Forest City Municipal Utilities	--	16	--	--	--	--	--	*	--	--	4
Forest City (IA)	--	16	--	--	--	--	--	*	--	--	4
Fort Pierce Utilities Authority	--	19	11,899	--	--	--	--	*	172	--	34
King (FL)	--	19	11,899	--	--	--	--	*	172	--	34
Franklin Mun Lt & Wtr Plant	--	--	4	--	--	--	--	*	*	--	*
Franklin (NE)	--	--	4	--	--	--	--	*	*	--	*
Fredonia Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Fredonia (KS)	--	--	--	--	--	--	--	--	--	--	--
Freeburg Mun Light Plant	--	7	--	--	--	--	--	*	--	--	*
Freeburg (IL)	--	7	--	--	--	--	--	*	--	--	*
Freeport Electric Power System	--	212	--	--	--	--	--	1	--	--	12
Plant No 1 (NY)	--	153	--	--	--	--	--	1	--	--	1
Plant No 2 (NY)	--	59	--	--	--	--	--	1	--	--	11
Fremont Dept Of Utilities	19,724	72	673	--	--	--	15	*	9	26	2
Lon Wright (NE)	19,724	72	673	--	--	--	15	*	9	28	2
Fulton City Of	--	-85	--	--	--	--	--	--	--	--	2
Fulton (MO)	--	-85	--	--	--	--	--	--	--	--	2
Galvesville Regional Utilities	121,375	30	13,124	--	--	--	48	*	186	5	112
Deerhaven (FL)	121,375	30	12,135	--	--	--	48	*	167	5	71
Kelly, J R (FL)	--	--	989	--	--	--	--	--	19	--	41
Gallatin Light & Water Works	--	--	--	--	--	--	--	--	--	--	--
Gallatin (MO)	--	--	--	--	--	--	--	--	--	--	--
Garkane Power Assn, Inc	--	--	--	2,498	--	--	--	--	--	--	--
Boulder (UT)	--	--	--	2,498	--	--	--	--	--	--	--
Garland City Of	--	--	57,599	--	--	--	--	--	678	--	183
Newman, C E (TX)	--	--	1,499	--	--	--	--	--	22	--	20
Olinger, Ray (TX)	--	--	56,100	--	--	--	--	--	656	--	163
Garnett City Of	--	91	--	--	--	--	--	*	--	--	1
Garnett (KS)	--	91	--	--	--	--	--	*	--	--	1
Geneseo Municipal Utilities	--	--	--	--	--	--	--	--	*	--	*
Geneseo (IL)	--	--	--	--	--	--	--	--	*	--	*
Georgia Power Co (SC)	4,770,220	9,527	264	192,846	2,247,793	--	1,926	18	7	5,084	406
Arkwright (GA)	4,188	--	132	--	--	--	3	--	2	51	14
Atkinson (GA)	--	--	-360	--	--	--	--	*	1	--	91
Barnett Shoals (GA)	--	--	--	1,042	--	--	--	--	--	--	--
Bartlett Ferry (GA)	--	--	--	44,733	--	--	--	--	--	--	--
Bowen (GA)	1,758,334	2,273	--	--	--	--	692	4	--	1,109	11
Burton (GA)	--	--	--	2,328	--	--	--	--	--	--	--
Estatoah (GA)	--	--	--	96	--	--	--	--	--	--	--
Flint River (GA)	--	--	--	4,130	--	--	--	--	--	--	--
Goat Rock (GA)	--	--	--	11,547	--	--	--	--	--	--	--
Hammond (GA)	204,645	351	--	--	--	--	83	1	--	194	2
Harlee Branch (GA)	457,823	657	--	--	--	--	186	1	--	624	4
Hatch, Edwin I. (GA)	--	--	--	--	623,405	--	--	--	--	--	--
Langdale (GA)	--	--	--	331	--	--	--	--	--	--	--
Lloyd Shoals (GA)	--	--	--	6,728	--	--	--	--	--	--	--
Mcdonough, J (GA)	279,335	486	492	--	--	--	113	1	4	183	--
Mcmanus (GA)	--	-131	--	--	--	--	--	1	--	--	126
Mitchell, W (GA)	54,273	191	--	--	--	--	21	*	--	63	21
Morgan Falls (GA)	--	--	--	6,228	--	--	--	--	--	--	--
Nacoochee (GA)	--	--	--	1,418	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 (bbbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbbls)
Georgia Power Co (SC)											
North Highlands (GA)	--	--	--	14,377	--	--	--	--	--	--	--
Oliver Dam (GA)	--	--	--	24,315	--	--	--	--	--	--	--
Riverview (GA)	--	--	--	77	--	--	--	--	--	--	--
Scherer (GA)	897,324	3,300	--	--	--	--	351	6	--	1,291	11
Sinclair Dam (GA)	--	--	--	11,643	--	--	--	--	--	--	--
Tallulah Falls (GA)	--	--	--	16,719	--	--	--	--	--	--	--
Terrora (GA)	--	--	--	5,009	--	--	--	--	--	--	--
Tugalo (GA)	--	--	--	12,642	--	--	--	--	--	--	--
Vogtle (GA)	--	--	--	--	1,624,388	--	--	--	--	--	--
Wallace Dam (GA)	--	--	--	23,347	--	--	--	--	--	--	--
Wansley (GA)	688,503	1,204	--	--	--	--	295	2	--	880	27
Wilson (GA)	--	17	--	--	--	--	--	--	--	--	97
Yates (GA)	425,795	1,179	--	--	--	--	181	2	--	690	2
Yonah (GA)	--	--	--	6,136	--	--	--	--	--	--	--
Gilman Brothers Co	--	--	--	19	--	--	--	--	--	--	--
Gilman (CT)	--	--	--	19	--	--	--	--	--	--	--
Girard City Of	--	--	--	--	--	--	--	--	--	--	--
Girard (KS)	--	--	--	--	--	--	--	--	--	--	--
Glencoe Mun Electric Plant	--	38	--	--	--	--	--	*	*	--	3
Glencoe (MN)	--	38	--	--	--	--	--	*	*	--	3
Glendale Public Service Dept	--	20	12,323	--	--	--	--	*	186	--	51
Grayson (CA)	--	20	12,323	--	--	--	--	*	186	--	51
SCAMPP (CA)	--	--	--	--	--	--	--	--	--	--	--
Golden Valley Elec Assn, Inc	9,238	18,580	--	--	--	--	15	35	--	*	24
Fairbanks (AK)	--	-29	--	--	--	--	--	--	--	--	5
Healy (AK)	9,238	48	--	--	--	--	15	*	--	*	1
North Pole (AK)	--	18,561	--	--	--	--	--	34	--	--	18
Goodland Municipal Electric Dep	--	48	592	--	--	--	--	*	10	--	3
Goodland (KS)	--	48	592	--	--	--	--	*	10	--	3
Gouverneur Elec Plt	--	--	--	55	--	--	--	--	--	--	--
Gouverneur (NY)	--	--	--	55	--	--	--	--	--	--	--
Gowrie Light & Water Plant	--	--	--	--	--	--	--	*	--	--	*
Gowrie (IA)	--	--	--	--	--	--	--	*	--	--	*
Graettinger Mun Light Plant	--	--	--	--	--	--	--	--	--	--	--
Graettinger (IA)	--	--	--	--	--	--	--	--	--	--	--
Grafton Light & Water Dept	--	--	--	--	--	--	--	--	--	--	--
Grafton (NH)	--	--	--	--	--	--	--	--	--	--	--
Grand Haven Board Of Lt & Pwr	25,147	--	-36	--	--	--	13	--	*	61	10
Harbor Avenue (MI)	--	--	-36	--	--	--	--	--	*	--	10
J B Simms (MI)	25,147	--	--	--	--	--	13	--	--	61	--
Grand Island Water & Light Dept	39,786	--	143	--	--	--	27	--	5	85	58
Burdick, C W (NE)	--	--	143	--	--	--	--	--	5	--	58
Platte (NE)	39,786	--	--	--	--	--	27	--	--	85	--
Grand Junction Mun Lt Plant	--	--	--	--	--	--	--	--	--	--	*
Grand Junction (IA)	--	--	--	--	--	--	--	--	--	--	*
Grand Marais, Village Of	--	-1	--	--	--	--	--	*	--	--	*
Grand Marais (MN)	--	-1	--	--	--	--	--	*	--	--	*
Grand River Dam Authority	416,172	--	5,444	124,253	--	--	274	*	60	548	1
GRDA No 1 (OK)	416,172	--	5,444	--	--	--	274	*	60	548	1
Markham (OK)	--	--	--	57,492	--	--	--	--	--	--	--
Pensacola (OK)	--	--	--	70,829	--	--	--	--	--	--	--
Salina (OK)	--	--	--	-4,068	--	--	--	--	--	--	--

See footnotes at end of table.

2 of 2

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Granite Falls City Of	--	--	--	388	--	--	--	--	--	--	--
Granite Falls (MN)	--	--	--	388	--	--	--	--	--	--	--
Grant County P U D No 2	--	--	--	827,195	--	--	--	--	--	--	--
Pec Hdws (WA)	--	--	--	707	--	--	--	--	--	--	--
Priest Rapids (WA)	--	--	--	391,067	--	--	--	--	--	--	--
Quincy Chut (WA)	--	--	--	5,398	--	--	--	--	--	--	--
Wanapum (WA)	--	--	--	430,023	--	--	--	--	--	--	--
Green Mountain Power											
Corporation	--	50	--	14,578	--	--	--	*	--	--	13
Berlin (VT)	--	27	--	--	--	--	--	*	--	--	10
Bolton Falls (VT)	--	--	--	3,242	--	--	--	--	--	--	--
Carthusians (VT)	--	--	--	--	--	--	--	--	--	--	--
Colchester (VT)	--	16	--	--	--	--	--	*	--	--	1
Essex Junction 19 (VT)	--	1	--	4,299	--	--	--	*	--	--	*
Gorge 18 (VT)	--	--	--	1,902	--	--	--	--	--	--	--
Marshfield 6 (VT)	--	--	--	543	--	--	--	--	--	--	--
Middlesex 2 (VT)	--	--	--	1,645	--	--	--	--	--	--	--
Vergennes 9 (VT)	--	6	--	1,128	--	--	--	*	--	--	1
Waterbury 22 (VT)	--	--	--	1,474	--	--	--	--	--	--	--
West Danville 15 (VT)	--	--	--	339	--	--	--	--	--	--	--
Greenfield Municipal Utilities	--	4	--	--	--	--	--	*	--	--	*
Greenfield (IA)	--	4	--	--	--	--	--	*	--	--	*
Greenport Village Of	--	-7	--	--	--	--	--	*	--	--	*
Greenport (NY)	--	-7	--	--	--	--	--	*	--	--	*
Greensburg Mun Lt & Pwr	--	7	72	--	--	--	--	*	1	--	1
Greensburg (KS)	--	7	72	--	--	--	--	*	1	--	1
Greenville Electric Dept	--	--	3,337	--	--	--	--	--	45	--	18
Steam (TX)	--	--	-15	--	--	--	--	*	--	--	1
Steam (TX)	--	--	3,352	--	--	--	--	--	45	--	18
Greenwood Utilities Commission											
Henderson (MS)	--	--	1,087	--	--	--	--	--	20	11	6
Wright (MS)	--	--	1,087	--	--	--	--	--	20	10	4
	--	--	--	--	--	--	--	--	--	1	2
Gresham Mun Light Plant	--	--	--	511	--	--	--	--	--	--	--
Lower Weed (WI)	--	--	--	324	--	--	--	--	--	--	--
Upper Weed (WI)	--	--	--	187	--	--	--	--	--	--	--
Grundy Center Mun Lt & Pwr	--	10	4	--	--	--	--	*	*	--	*
Grundy Center (IA)	--	10	4	--	--	--	--	*	*	--	*
Guadalupe-Blanco River Auth	--	--	--	12,186	--	--	--	--	--	--	--
Abbott Tp 3 (TX)	--	--	--	1,526	--	--	--	--	--	--	--
Canyon (TX)	--	--	--	3,083	--	--	--	--	--	--	--
Dunlap Tp 1 (TX)	--	--	--	2,399	--	--	--	--	--	--	--
H-4 (TX)	--	--	--	1,284	--	--	--	--	--	--	--
H-5 (TX)	--	--	--	1,223	--	--	--	--	--	--	--
Nolte (TX)	--	--	--	1,314	--	--	--	--	--	--	--
Nolte (TX)	--	--	--	1,357	--	--	--	--	--	--	--
Gulf Power Co (SC)	406,971	1,084	2,995	--	--	--	185	2	33	687	9
Crist (FL)	243,198	302	2,995	--	--	--	113	1	33	503	1
Scholz (FL)	5,186	27	--	--	--	--	3	*	--	21	*
Smith (FL)	158,587	755	--	--	--	--	69	1	--	163	7
Gulf States Utilities Company	356,023	131,335	1,461,511	33,360	--	--	232	1	14,046	85	436
Lewis Creek (TX)	--	--	196,747	--	--	--	--	--	2,062	--	34
Louisiana 1 (LA)	--	--	117,126	--	--	--	--	--	834	--	--
Louisiana 2 (LA)	--	--	--	--	--	--	--	--	--	--	--
Neches (TX)	--	--	--	--	--	--	--	--	--	--	--
Nelson, R S (LA)	356,023	131,310	65,741	--	--	--	232	1	811	85	93
River Bend (LA)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 Company											
Sabine (TX)	--	25	734,255	--	--	--	--	*	6,736	--	103
Toledo Bend (TX)	--	--	--	33,360	--	--	--	--	--	--	--
Willow Glen (LA)	--	--	347,642	--	--	--	--	--	3,603	--	205
Gwitchyaa Zhee Utility Company											
Gwitchyaa Zhee (AK)	--	189	--	--	--	--	--	*	--	--	*
GPU Nuclear Corporation	--	--	--	--	1,052,381	--	--	--	--	--	--
Oyster Creek (NJ)	--	--	--	--	456,772	--	--	--	--	--	--
Three Mile Island (PA)	--	--	--	--	595,609	--	--	--	--	--	--
Hagerstown Mun Elec Lt Plant	--	--	--	--	--	--	--	--	--	--	--
Hagerstown (MD)	--	--	--	--	--	--	--	--	--	--	--
Haines Light And Power Company	--	767	--	--	--	--	--	1	--	--	--
Haines (AK)	--	767	--	--	--	--	--	1	--	--	--
Halstad Municipal Utilities	--	--	--	--	--	--	--	--	--	--	*
Halstad (MN)	--	--	--	--	--	--	--	--	--	--	*
Hamilton City Of	19,926	4	1,703	35,152	--	--	10	*	22	4	3
Hamilton (OH)	19,926	4	1,703	--	--	--	10	*	22	4	3
Hamilton Hydro (OH)	--	--	--	--	--	--	--	--	--	--	--
Vanceburg Hydro (KY)	--	--	--	35,152	--	--	--	--	--	--	--
Hardwick Electric Department	--	--	--	394	--	--	--	--	--	--	*
Hardwick (VT)	--	--	--	--	--	--	--	--	--	--	*
Wolcott (VT)	--	--	--	394	--	--	--	--	--	--	--
Hart Hydro Electric Dept	--	--	--	--	--	--	--	--	--	--	*
Hart (MI)	--	--	--	--	--	--	--	--	--	--	*
Hart Hydro (MI)	--	--	--	--	--	--	--	--	--	--	--
Hartley City Of	--	--	--	--	--	--	--	--	--	--	--
Hartley (IA)	--	--	--	--	--	--	--	--	--	--	--
Hastings Utilities	14,068	236	511	--	--	--	10	1	8	81	8
Don Henry (NE)	--	118	19	--	--	--	--	*	*	--	2
Hastings (NE)	14,068	118	--	--	--	--	10	*	--	81	2
North Denver (NE)	--	--	492	--	--	--	--	--	8	--	4
Hawaii Electric Light Co, Inc	--	45,978	--	1,433	--	--	--	95	--	--	71
Kanoolehua (HI)	--	1,296	--	--	--	--	--	3	--	--	3
Keahole (HI)	--	7,478	--	--	--	--	--	17	--	--	6
Puna (HI)	--	10,804	--	--	--	--	--	17	--	--	20
Puueo (HI)	--	--	--	1,439	--	--	--	--	--	--	--
Shipman (HI)	--	4,019	--	--	--	--	--	11	--	--	5
W. H. Hill (HI)	--	20,969	--	--	--	--	--	46	--	--	35
Waiau (HI)	--	--	--	-6	--	--	--	--	--	--	--
Waimea (HI)	--	1,412	--	--	--	--	--	3	--	--	1
Hawaiian Electric Company, Inc ..	--	357,077	--	--	--	--	--	610	--	--	796
* Central Storage *	--	--	--	--	--	--	--	--	--	--	233
Honolulu (HI)	--	17,615	--	--	--	--	--	36	--	--	44
Kahe (HI)	--	244,219	--	--	--	--	--	401	--	--	350
Waiau (HI)	--	95,243	--	--	--	--	--	174	--	--	170
Hawarden City Of	--	--	--	--	--	--	--	--	--	--	--
Hawarden (IA)	--	--	--	--	--	--	--	--	--	--	--
Haxton City Of	--	--	--	--	--	--	--	--	--	--	--
Haxton (CO)	--	--	--	--	--	--	--	--	--	--	--
Heber Light & Power Plant	--	--	27	673	--	--	--	--	*	--	--
Gas Generation (UT)	--	--	27	--	--	--	--	--	*	--	--
Lake Creek (UT)	--	--	--	425	--	--	--	--	--	--	--
Snake Creek (UT)	--	--	--	248	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Henderson Mun Pwr & Lt	--	--	--	--	--	--	--	--	--	3	*
Henderson (KY)	--	--	--	--	--	--	--	--	--	3	*
Herndon City Of	--	--	--	--	--	--	--	--	--	--	--
City Lght Plant (KS)	--	--	--	--	--	--	--	--	--	--	--
Herrington City Of	--	-43	--	--	--	--	--	--	--	--	*
Herrington (KS)	--	-43	--	--	--	--	--	--	--	--	*
Hetch Hetchy Water & Power	--	--	--	238,281	--	--	--	--	--	--	--
Holm, Dion R (CA)	--	--	--	112,348	--	--	--	--	--	--	--
Kirkwood, Robert C (CA)	--	--	--	77,032	--	--	--	--	--	--	--
Moccasin (CA)	--	--	--	47,679	--	--	--	--	--	--	--
Moccasin Low (CA)	--	--	--	1,222	--	--	--	--	--	--	--
Hibbing Public Utilities Comm	118	--	--	--	--	--	3	--	--	3	--
Hibbing (MN)	118	--	--	--	--	--	3	--	--	3	--
Higginsville City Of	--	--	--	--	--	--	--	--	--	--	--
Higginsville (MO)	--	--	--	--	--	--	--	--	--	--	--
Highland City Of	--	3	18	--	--	--	--	*	*	--	*
Highland (IL)	--	3	18	--	--	--	--	*	*	--	*
Hill City City Of	--	2	15	--	--	--	--	*	*	--	*
Hill City (KS)	--	2	15	--	--	--	--	*	*	--	*
Hillsdale Board Of Public Works ..	--	3	16	--	--	--	--	*	*	--	2
Hillsdale (MI)	--	3	16	--	--	--	--	*	*	--	2
Hoisington City Of	--	2	13	--	--	--	--	*	1	--	*
Hoisington (KS)	--	2	13	--	--	--	--	*	1	--	*
Holdrege City Of	--	4	--	--	--	--	--	*	--	--	*
Holdrege (NE)	--	4	--	--	--	--	--	*	--	--	*
Holland Board Of Public Works ...	29,647	243	--	--	--	--	13	*	--	36	6
James De Young (MI)	29,647	73	--	--	--	--	13	*	--	36	*
48 Street (MI)	--	170	--	--	--	--	--	*	--	--	4
6Th Street (MI)	--	--	--	--	--	--	--	--	--	--	1
Holly Town Of	--	--	--	--	--	--	--	--	--	--	--
Holly (CO)	--	--	--	--	--	--	--	--	--	--	--
Holton City Of	--	17	32	--	--	--	--	*	*	--	*
Holton (KS)	--	17	32	--	--	--	--	*	*	--	*
Holyoke Gas & Elec Dept	--	-93	-241	1,096	--	--	--	*	1	--	16
Cabot-Holyoke (MA)	--	-93	-241	1,096	--	--	--	*	1	--	16
Holyoke Mun Pwr & Lt Plt	--	--	--	--	--	--	--	--	--	--	--
Holyoke (CO)	--	--	--	--	--	--	--	--	--	--	--
Holyoke Water Power Co (NU)	76,536	310	--	14,857	--	--	29	1	--	86	*
Boatlock (MA)	--	--	--	1,055	--	--	--	--	--	--	--
Chemical (MA)	--	--	--	67	--	--	--	--	--	--	--
Hadley Falls (MA)	--	--	--	11,087	--	--	--	--	--	--	--
Holbrook, Beebe (MA)	--	--	--	113	--	--	--	--	--	--	--
Mt Tom (MA)	76,536	310	--	--	--	--	29	1	--	86	*
Riverside (MA)	--	--	--	2,464	--	--	--	--	--	--	--
Skinner (MA)	--	--	--	71	--	--	--	--	--	--	--
Homer Electric Assn, Inc	--	5	--	--	--	--	--	*	--	--	*
Seldovia (AK)	--	5	--	--	--	--	--	*	--	--	*
Homestead City Of	--	178	1,202	--	--	--	--	*	16	--	3
G W Ivey (FL)	--	178	1,202	--	--	--	--	*	16	--	3

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Hoosier Energy, Ind Statewide											
Rec	449,355	1,014	--	--	--	--	224	2	--	606	6
Merom (IN)	352,569	897	--	--	--	--	180	2	--	530	6
Ratts (IN)	96,786	117	--	--	--	--	44	*	--	76	*
Hopkinton Municipal Utility	--	--	--	--	--	--	--	--	--	--	*
Hopkinton (IA)	--	--	--	--	--	--	--	--	--	--	*
Houma Light & Water Plant	--	-1	6,890	--	--	--	--	--	94	--	6
Houma (LA)	--	-1	6,890	--	--	--	--	--	94	--	6
Houston Lighting & Power Co	2,167,331	282	2,033,785	--	-28,509	--	1,516	1	20,587	2,029	710
* Central Storage *	--	--	--	--	--	--	--	--	--	--	21
Bertron, Sam (TX)	--	--	28,353	--	--	--	--	--	355	--	64
Cedar Bayou (TX)	--	--	880,096	--	--	--	--	--	8,742	--	277
Clarke, Hiram (TX)	--	--	59	--	--	--	--	--	2	--	--
Deepwater (TX)	--	--	10,519	--	--	--	--	--	124	--	--
Greens Bayou (TX)	--	--	145,531	--	--	--	--	--	1,495	--	129
Limestone (TX)	934,155	37	4,841	--	--	--	760	*	51	609	32
Parish, W A (TX)	1,233,176	--	293,620	--	--	--	756	--	2,891	1,419	7
Robinson, P H (TX)	--	--	442,492	--	--	--	--	--	4,583	--	135
South Texas (TX)	--	--	--	--	-28,509	--	--	--	--	--	--
Webster (TX)	--	--	111,492	--	--	--	--	--	1,202	--	--
Wharton, T H (TX)	--	245	116,782	--	--	--	--	1	1,143	--	45
Hudson Light & Power Dept	--	5	25	--	--	--	--	*	*	--	10
Cherry Street (MA)	--	5	25	--	--	--	--	*	*	--	10
Hughes Power & Light Company	--	12	--	--	--	--	--	*	--	--	*
Hughes (AK)	--	12	--	--	--	--	--	*	--	--	*
Hugoton City Of	--	279	1,765	--	--	--	--	1	20	--	1
Hugoton (KS)	--	14	176	--	--	--	--	*	3	--	*
Hugoton #2 (KS)	--	265	1,589	--	--	--	--	*	16	--	*
Hutchinson Utilities Comm	--	13	--	--	--	--	--	*	--	--	2
Plant No. 1 (MN)	--	13	--	--	--	--	--	*	--	--	1
Plant No. 2 (MN)	--	--	--	--	--	--	--	*	--	--	2
Hydro Dev Group Inc	--	--	--	11,108	--	--	--	--	--	--	--
#3 Mill (NY)	--	--	--	497	--	--	--	--	--	--	--
#6 Mill (NY)	--	--	--	490	--	--	--	--	--	--	--
Copenhagen (NY)	--	--	--	1,028	--	--	--	--	--	--	--
Dexter (NY)	--	--	--	1,692	--	--	--	--	--	--	--
Diamond Island (NY)	--	--	--	735	--	--	--	--	--	--	--
Fowler (NY)	--	--	--	422	--	--	--	--	--	--	--
Goodyear Lake (NY)	--	--	--	276	--	--	--	--	--	--	--
Hailesboro (NY)	--	--	--	1,212	--	--	--	--	--	--	--
Pyrites (NY)	--	--	--	170	--	--	--	--	--	--	--
Pyrites #2 (NY)	--	--	--	3,802	--	--	--	--	--	--	--
Theresa (NY)	--	--	--	784	--	--	--	--	--	--	--
Hyrum City Corporation	--	--	--	302	--	--	--	--	--	--	--
Hyrum (UT)	--	--	--	302	--	--	--	--	--	--	--
I-N-N Electric Coop Inc	--	164	--	--	--	--	--	*	--	--	1
I-N-N Electric (AK)	--	164	--	--	--	--	--	*	--	--	1
Idaho Falls Elec Light Dept	--	--	--	30,100	--	--	--	--	--	--	--
City Power Plant (ID)	--	--	--	4,744	--	--	--	--	--	--	--
Gem State (ID)	--	--	--	15,421	--	--	--	--	--	--	--
Lower (ID)	--	--	--	1,081	--	--	--	--	--	--	--
Lower #1 (ID)	--	--	--	4,111	--	--	--	--	--	--	--
Upper Power Plant (ID)	--	--	--	4,743	--	--	--	--	--	--	--
Idaho Power Company	--	6	--	1,091,143	--	--	--	*	--	--	14
American Falls (ID)	--	--	--	51,349	--	--	--	--	--	--	--
Bliss (ID)	--	--	--	26,731	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Idaho Power Company											
Brownlee (ID)	--	--	--	432,302	--	--	--	--	--	--	--
Cascade (ID)	--	--	--	2,034	--	--	--	--	--	--	--
Clear Lake (ID)	--	--	--	1,248	--	--	--	--	--	--	--
Hells Canyon (OR)	--	--	--	316,647	--	--	--	--	--	--	--
Lower Malad (ID)	--	--	--	10,480	--	--	--	--	--	--	--
Lower Salmon (ID)	--	--	--	17,512	--	--	--	--	--	--	--
Milner (ID)	--	--	--	6,412	--	--	--	--	--	--	--
Oxbow (OR)	--	--	--	142,843	--	--	--	--	--	--	--
Salmon (ID)	--	6	--	--	--	--	--	--	--	--	--
Shoshone Falls (ID)	--	--	--	6,374	--	--	--	--	--	--	--
Strike, C. J. (ID)	--	--	--	38,257	--	--	--	--	--	--	--
Swan Falls (ID)	--	--	--	6,898	--	--	--	--	--	--	--
Thousand Springs (ID)	--	--	--	4,757	--	--	--	--	--	--	--
Twin Falls (ID)	--	--	--	3,221	--	--	--	--	--	--	--
Upper Malad (ID)	--	--	--	5,823	--	--	--	--	--	--	--
Upper Salmon (ID)	--	--	--	9,537	--	--	--	--	--	--	--
Upper Salmon (ID)	--	--	--	8,718	--	--	--	--	--	--	--
Wood River (ID)	--	--	--	--	--	--	--	--	--	--	14
Illinois Power Company											
Baldwin (IL)	800,300	4,025	2,028	--	680,722	--	391	9	38	945	106
Baldwin (IL)	703,410	1,259	--	--	--	--	341	2	--	667	4
Clinton (IL)	--	--	--	--	680,722	--	--	--	--	--	--
Havana (IL)	21,187	2,675	--	--	--	--	13	6	--	65	76
Hennepin (IL)	26,874	--	1,252	--	--	--	16	--	16	48	*
Oglesby (IL)	--	--	--	--	--	--	--	--	--	--	3
Stallings (IL)	--	--	47	--	--	--	--	--	2	--	5
Vermilion (IL)	5,960	91	--	--	--	--	3	*	--	57	1
Wood River (IL)	42,869	--	729	--	--	--	18	--	20	108	17
Imperial City Of											
Imperial (NE)	--	--	--	--	--	--	--	--	--	--	--
Imperial Irrigation District											
Brawley (CA)	--	2	17,022	30,096	--	--	--	*	223	--	155
Coachella (CA)	--	--	--	--	--	--	--	--	--	--	1
Double Weir (CA)	--	2	12	--	--	--	--	*	*	--	12
Drop No. 1 (CA)	--	--	--	2,310	--	--	--	--	--	--	--
Drop No. 5 (CA)	--	--	--	2,284	--	--	--	--	--	--	--
Drop 2 (CA)	--	--	--	6,340	--	--	--	--	--	--	--
Drop 3 (CA)	--	--	--	5,942	--	--	--	--	--	--	--
Drop 4 (CA)	--	--	--	12,385	--	--	--	--	--	--	--
E. Highline (CA)	--	--	--	733	--	--	--	--	--	--	--
El Centro (CA)	--	--	17,001	--	--	--	--	--	222	--	123
Pilot Knob (CA)	--	--	--	--	--	--	--	--	--	--	--
Rockwood (CA)	--	--	9	--	--	--	--	--	*	--	19
Turnip (CA)	--	--	--	102	--	--	--	--	--	--	--
Independence City Of											
Independence (IA)	--	-4	-18	--	--	--	--	*	*	--	2
Independence (IA)	--	-4	-18	--	--	--	--	*	*	--	2
Independence City Of											
Blue Valley (MO)	7,250	-143	1,423	--	--	--	4	*	15	48	8
Blue Valley (MO)	7,250	--	1,423	--	--	--	4	--	15	23	4
Jackson Square (MO)	--	--	--	--	--	--	--	--	--	--	1
Missouri City (MO)	--	-143	--	--	--	--	--	*	--	25	1
Station H (MO)	--	--	--	--	--	--	--	--	--	--	1
Station I (MO)	--	--	--	--	--	--	--	--	--	--	1
Indiana & Michigan Power Co											
(AEP)	1,178,126	5,472	--	10,135	1,552,964	--	672	10	--	2,365	56
Berrien Springs (MI)	--	--	--	2,158	--	--	--	--	--	--	--
Breed (IN)	--	--	--	--	--	--	--	--	--	76	1
Buchanan (MI)	--	--	--	1,584	--	--	--	--	--	--	--
Constantine (MI)	--	--	--	469	--	--	--	--	--	--	--
Cook, Donald C. (MI)	--	--	--	--	1,552,964	--	--	--	--	--	--
Elkhart (IN)	--	--	--	2,044	--	--	--	--	--	--	--
Fourth Street (IN)	--	10	--	--	--	--	--	*	--	--	1
Mottville (MI)	--	--	--	824	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Indiana & Michigan Power Co (AEP)											
Rockport (IN)	942,718	4,349	--	--	--	--	571	8	--	1,604	47
Tanners Creek (IN)	235,408	1,113	--	--	--	--	101	2	--	684	7
Twin Branch (IN)	--	--	--	3,056	--	--	--	--	--	--	--
Indiana Municipal Power Agency	--	11	144	--	--	--	--	*	2	--	7
Anderson (IN)	--	11	144	--	--	--	--	*	2	--	7
Indiana-Kentucky Electric Corp ...	793,439	305	--	--	--	--	344	1	--	496	3
Clifty Creek (IN)	793,439	305	--	--	--	--	344	1	--	496	3
Indianapolis Pwr & Lt Co	989,889	2,922	3,113	--	--	--	464	10	*	1,775	40
Perry K (IN)	2,004	--	3,113	--	--	--	2	--	*	58	4
Perry W (IN)	--	-45	--	--	--	--	--	--	--	--	1
Petersburg (IN)	817,483	1,989	--	--	--	--	381	4	--	1,229	6
Pritchard, H T (IN)	64,451	639	--	--	--	--	33	1	--	67	9
Stout, Elmer W (IN)	105,951	339	--	--	--	--	49	5	--	420	20
Indianola Mun Light & Pwr	--	-34	-6	--	--	--	--	*	*	--	12
Indianola (IA)	--	-34	-6	--	--	--	--	*	*	--	12
Interstate Power Company	167,374	339	7,369	--	--	--	101	1	86	260	29
Dubuque (IA)	17,073	-3	12	--	--	--	11	*	*	20	1
Fox Lake (MN)	3,381	32	6,801	--	--	--	2	*	80	22	21
Hills (MN)	--	-6	--	--	--	--	--	--	--	--	*
Kapp, M L (IA)	71,715	--	556	--	--	--	33	--	6	177	--
Lansing (IA)	75,205	229	--	--	--	--	56	*	--	41	1
Lime Creek (IA)	--	63	--	--	--	--	--	*	--	--	4
Montgomery (MN)	--	35	--	--	--	--	--	*	--	--	1
New Albin (IA)	--	-2	--	--	--	--	--	*	--	--	*
Rushford (MN)	--	-9	--	--	--	--	--	--	--	--	*
Iola Electric System	--	--	--	--	--	--	--	--	--	--	2
Iola (KS)	--	--	--	--	--	--	--	--	--	--	2
Iowa Electric Lt & Pwr Co	88,488	268	6,706	801	347,818	1,109	58	1	112	330	27
Ames (IA)	--	--	--	--	--	--	--	--	--	--	1
Anamosa (IA)	--	--	--	58	--	--	--	--	--	--	--
Arnold, Duane (IA)	--	--	--	--	347,818	--	--	--	--	--	--
Iowa Falls (IA)	--	--	--	252	--	--	--	--	--	--	--
Maquoketa (IA)	--	--	--	491	--	--	--	--	--	--	--
Marshalltown (IA)	--	41	--	--	--	--	--	*	--	--	23
Prairie Creek (IA)	31,945	227	2,601	--	--	--	23	*	33	178	1
Sutherland (IA)	52,978	--	1,481	--	--	--	31	--	17	149	--
6Th Street (IA)	3,565	--	2,624	--	--	1,109	4	--	61	2	2
Iowa Southern Utilities Co	462,493	607	-24	--	--	--	287	1	--	558	19
Burlington (IA)	87,407	148	--	--	--	--	52	*	--	123	1
Centerville (IA)	--	-16	--	--	--	--	--	--	--	--	--
Grinnell (IA)	--	--	-24	--	--	--	--	--	--	--	--
Ottumwa (IA)	375,086	475	--	--	--	--	236	1	--	435	18
Iowa-Illinois Gas & Electric Co	374,753	4	2,536	433	--	--	227	*	30	409	13
Coralville (IA)	--	--	155	--	--	--	--	--	4	--	*
Louisa (IA)	319,883	4	531	--	--	--	202	*	5	380	10
Manson (IA)	--	--	--	--	--	--	--	--	--	--	--
Moline (IL)	--	--	-63	433	--	--	--	--	--	--	2
Riverside (IA)	54,870	--	1,913	--	--	--	26	--	20	29	--
Ipswich Mun Lt Dept	--	1	3	--	--	--	--	*	*	--	2
Ipswich (MA)	--	1	3	--	--	--	--	*	*	--	2
Jackson Power & Light Dept	--	-66	--	--	--	--	--	*	--	--	1
Jackson (MO)	--	-66	--	--	--	--	--	*	--	--	1
Jacksonville Electric Authority	906,112	45,142	35,677	--	--	--	348	89	435	394	1,249
Kennedy, J D (FL)	--	179	5,369	--	--	--	--	*	65	--	79

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatt-hours)						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)
Jacksonville Electric Authority											
Northside (FL)	--	44,137	30,308	--	--	--	--	86	359	--	1,054
Southside (FL)	--	-340	--	--	--	--	--	*	10	--	109
St. Johns River	906,112	1,166	--	--	--	--	348	2	--	394	7
Jamestown Board Of Pub Utilities	11,521	48	--	--	--	--	7	*	--	3	*
Carlson, S A (NY)	11,521	48	--	--	--	--	7	*	--	3	*
Janesville Mun Utilities	--	2	--	--	--	--	--	*	--	--	*
Janesville (MN)	--	2	--	--	--	--	--	*	--	--	*
Jasper Mun Electric Utility	--	--	--	--	--	--	--	--	--	--	--
Jasper 2 (IN)	--	--	--	--	--	--	--	--	--	--	--
Jersey Central Power & Light Co (GPS)	--	7,122	8,335	-11,052	--	--	--	14	132	--	469
Forked River (NJ)	--	--	133	--	--	--	--	--	2	--	13
Gardner, Glen (NJ)	--	7	52	--	--	--	--	*	1	--	17
Gilbert (NJ)	--	3,997	7,134	--	--	--	--	6	101	--	295
Sayreville (NJ)	--	2,388	1,016	--	--	--	--	5	29	--	90
Werner (NJ)	--	730	--	--	--	--	--	2	--	--	55
Yards Creek (NJ)	--	--	--	-11,052	--	--	--	--	--	--	--
Jetmore City Of	--	--	--	--	--	--	--	--	--	--	--
Jetmore (KS)	--	--	--	--	--	--	--	--	--	--	--
Johnson City Of	--	25	182	--	--	--	--	*	2	--	1
Johnson (KS)	--	25	182	--	--	--	--	*	2	--	1
Julesburg City Of	--	--	--	--	--	--	--	--	--	--	--
Julesburg (CO)	--	--	--	--	--	--	--	--	--	--	--
Kahoka Municipal Power Plant	--	--	5	--	--	--	--	*	1	--	*
Kahoka (MO)	--	--	5	--	--	--	--	*	1	--	*
Kansas City Bd Of Pub Util	142,391	1,534	6,521	--	--	--	83	3	75	246	11
Kaw (KS)	21,689	13	1,954	--	--	--	11	*	21	25	*
Nearman Creek (KS)	59,930	617	--	--	--	--	38	1	--	182	4
Quindaro (KS)	60,772	904	4,567	--	--	--	33	2	54	38	6
Kansas City Power & Light Co	1,433,537	1,917	297	--	--	--	873	4	3	1,381	105
Gardner (KS)	--	--	--	--	--	--	--	--	--	--	--
Grand Ave (MO)	--	--	--	--	--	--	--	--	--	--	--
Hawthorn (MO)	185,100	--	297	--	--	--	116	--	3	228	8
Iatan (MO)	415,185	42	--	--	--	--	238	*	--	322	9
La Cygne (KS)	678,694	1,906	--	--	--	--	419	3	--	584	14
Montrose (MO)	154,558	170	--	--	--	--	99	*	--	246	8
Northeast (MO)	--	-201	--	--	--	--	--	*	--	--	66
Kansas Gas & Electric Co	--	--	20,676	--	--	--	--	--	292	--	265
Evans, Gordon (KS)	--	--	-523	--	--	--	--	--	1	--	81
Gill, Murray (KS)	--	--	21,199	--	--	--	--	--	291	--	184
Kauai Electric Company	--	21,170	--	--	--	--	--	36	--	--	--
Port Allen (HI)	--	21,170	--	--	--	--	--	36	--	--	--
Kaukauna City Of	--	--	--	16,199	--	--	--	--	--	--	1
Combined Locks (WI)	--	--	--	5,061	--	--	--	--	--	--	--
Kaukauna (WI)	--	--	--	--	--	--	--	--	--	--	1
Kaukauna Hydro (WI)	--	--	--	3,955	--	--	--	--	--	--	--
Little Chute (WI)	--	--	--	2,231	--	--	--	--	--	--	--
New Badger (WI)	--	--	--	2,443	--	--	--	--	--	--	--
Old Badger (WI)	--	--	--	1,400	--	--	--	--	--	--	--
Rapide Croche (WI)	--	--	--	1,109	--	--	--	--	--	--	--
Kennett Board Of Public Works ..	--	-17	--	--	--	--	--	*	*	--	7
Kennett (MO)	--	-17	--	--	--	--	--	*	*	--	7

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Kentucky Power Co (AEP)	174,103	126	--	--	--	--	69	*	--	395	9
Big Sandy (KY)	174,103	126	--	--	--	--	69	*	--	395	9
Kentucky Utilities Company	1,140,675	410	-13	1,824	--	--	479	2	*	1,445	29
Brown, E W (KY)	355,133	26	--	--	--	--	150	*	--	265	5
Dix Dam (KY)	--	--	--	1,095	--	--	--	--	--	--	--
Ghent (KY)	730,384	478	--	--	--	--	301	2	--	1,078	11
Green River (KY)	55,258	15	--	--	--	--	28	*	--	81	1
Haefling (KY)	--	--	-13	--	--	--	--	--	*	--	6
Lock 7 (KY)	--	--	--	729	--	--	--	--	--	--	--
Pineville (KY)	-13	--	--	--	--	--	--	--	--	6	*
Tyrone (KY)	-87	-109	--	--	--	--	--	--	--	14	5
Kenyon Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Kenyon (MN)	--	--	--	--	--	--	--	--	--	--	--
Ketchikan Public Utilities	--	-145	--	10,761	--	--	--	--	--	--	4
Beaver Falls (AK)	--	--	--	3,348	--	--	--	--	--	--	--
Ketchikan (AK)	--	--	--	2,002	--	--	--	--	--	--	--
Ketchikan (AK)	--	-125	--	--	--	--	--	--	--	--	4
Silvis (AK)	--	--	--	862	--	--	--	--	--	--	--
Swan Lake (AK)	--	--	--	4,549	--	--	--	--	--	--	*
Totem Bight (AK)	--	-20	--	--	--	--	--	--	--	--	--
Key West, City Of	--	2,571	--	--	--	--	--	7	--	--	57
Big Pine (FL)	--	364	--	--	--	--	--	1	--	--	*
Cudjoe (FL)	--	676	--	--	--	--	--	1	--	--	1
Key West (FL)	--	91	--	--	--	--	--	1	--	--	15
Stock Island (FL)	--	697	--	--	--	--	--	3	--	--	41
Stock Island D 1 (FL)	--	743	--	--	--	--	--	1	--	--	--
Kimball City Of	--	2	14	--	--	--	--	*	*	--	*
Kimball (NE)	--	2	14	--	--	--	--	*	*	--	*
Kimballton Mun Light Plant	--	--	--	--	--	--	--	--	--	--	--
Kimballton (IA)	--	--	--	--	--	--	--	--	--	--	--
Kingfisher City Of	--	--	--	--	--	--	--	--	--	--	*
Kingfisher (OK)	--	--	--	--	--	--	--	--	--	--	*
Kingman City Of	--	262	2,720	--	--	--	--	1	31	--	2
Kingman (KS)	--	262	2,720	--	--	--	--	1	31	--	2
Kings River Conservation Dist	--	--	--	107,922	--	--	--	--	--	--	--
Pine Flat (CA)	--	--	--	107,922	--	--	--	--	--	--	--
Kissimmee City Of	--	1	143	--	--	--	--	*	2	--	22
Kissimmee (FL)	--	1	143	--	--	--	--	*	2	--	22
Kodiak Electric Assn, Inc	--	419	--	8,432	--	--	--	1	--	--	1
Kodiak A (AK)	--	425	--	--	--	--	--	1	--	--	1
Port Lions (AK)	--	-6	--	--	--	--	--	--	--	--	*
Terror Lake AK)	--	--	--	8,432	--	--	--	--	--	--	--
Kotzebue Electric Assn, Inc	--	1,266	--	--	--	--	--	2	--	--	11
Kotzebue (AK)	--	1,266	--	--	--	--	--	2	--	--	11
La Crosse City Of	--	--	--	--	--	--	--	--	--	--	--
Larned (KS)	--	--	--	--	--	--	--	--	--	--	--
La Junta Municipal Utilities	--	-128	--	--	--	--	--	*	--	--	4
La Junta (CO)	--	-128	--	--	--	--	--	*	--	--	4
La Plata Electric Assn, The	--	--	--	--	--	--	--	--	--	--	*
La Plata (MO)	--	--	--	--	--	--	--	--	--	--	*
La Porte City Municipal Utilities ..	--	--	--	--	--	--	--	--	--	--	*
La Porte (IA)	--	--	--	--	--	--	--	--	--	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Lafayette Utility System	--	--	14,608	--	--	--	--	--	187	--	120
Doc Bonin (LA)	--	--	14,177	--	--	--	--	--	179	--	120
Rodemacher (LA)	--	--	431	--	--	--	--	--	7	--	--
Lake Crystal Mun Utilities Co	--	4	--	--	--	--	--	*	--	--	*
Lake Crystal (MN)	--	4	--	--	--	--	--	*	--	--	*
Lake Lure Elec Pwr Facility	--	--	--	1,418	--	--	--	--	--	--	--
Lake Lure (NC)	--	--	--	1,418	--	--	--	--	--	--	--
Lake Mills Mun Light Plant	--	52	30	--	--	--	--	*	*	--	1
Lake Mills (IA)	--	52	30	--	--	--	--	*	*	--	1
Lake Park Mun Utilities	--	--	--	--	--	--	--	--	--	--	--
Lake Park (IA)	--	--	--	--	--	--	--	--	--	--	--
Lake Worth Utilities Authority	--	-28	13,564	--	--	--	--	*	162	--	12
Smith, Tom G (FL)	--	-28	13,564	--	--	--	--	*	162	--	12
Lakeland, Cty Of Dpt Of Elec & Wtr	32,216	11,623	51,838	--	--	--	15	24	538	116	205
Larsen Memorial (FL)	--	902	36,737	--	--	--	--	2	357	--	75
Mcintosh, C D (FL)	32,216	10,721	15,101	--	--	--	15	22	181	116	130
Lamar Utilities Brd Of	--	--	6,580	--	--	--	--	*	95	--	6
Lamar (CO)	--	--	6,580	--	--	--	--	*	95	--	6
Lamoni Municipal Utilities	--	--	--	--	--	--	--	--	--	--	*
Lamoni (IA)	--	--	--	--	--	--	--	--	--	--	*
Lanesboro Public Utilities	--	--	--	--	--	--	--	--	--	--	--
Lansboro (MN)	--	--	--	--	--	--	--	--	--	--	--
Lansing Board Of Wtr & Lt	97,063	157	--	315	--	--	44	1	--	197	1
Eckert Station (MI)	97,063	383	--	--	--	--	44	1	--	32	1
Erickson (MI)	--	-226	--	--	--	--	--	--	--	165	*
Moore's Park (MI)	--	--	--	315	--	--	--	--	--	--	--
Ottawa Street (MI)	--	--	--	--	--	--	--	--	--	--	--
Larned Mun Power Plant	--	--	217	--	--	--	--	--	3	--	4
Larned (KS)	--	--	--	--	--	--	--	--	--	--	--
Larned (KS)	--	--	217	--	--	--	--	--	3	--	4
Larsen Bay City Of	--	--	--	35	--	--	--	--	--	--	--
Larsen (AK)	--	--	--	35	--	--	--	--	--	--	--
Las Animas Mun Lt & Pwr	--	-18	--	--	--	--	--	*	*	--	*
Las Animas (CO)	--	-18	--	--	--	--	--	*	*	--	*
Laurel Mun Power Plant	--	--	--	--	--	--	--	--	--	--	*
Laurel (NE)	--	--	--	--	--	--	--	--	--	--	*
Laurens Mun Lt & Pwr Plant	--	--	--	--	--	--	--	--	--	--	--
Laurens (IA)	--	--	--	--	--	--	--	--	--	--	--
Lea County Elec Coop, Inc	--	--	--	--	--	--	--	--	--	--	--
North Lovington (NM)	--	--	--	--	--	--	--	--	--	--	--
Lebanon City Of	--	--	--	--	--	--	--	--	--	--	*
Lebanon (OH)	--	--	--	--	--	--	--	--	--	--	*
Lenox Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Lenox (IA)	--	--	--	--	--	--	--	--	--	--	--
Lewiston Public Works	--	--	--	72	--	--	--	--	--	--	--
Andro Upper (ME)	--	--	--	72	--	--	--	--	--	--	--
Lincoln City Of	--	5	--	--	--	--	--	*	*	--	*
Lincoln (KS)	--	5	--	--	--	--	--	*	*	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Lincoln Electric Sys	--	--	50	--	--	--	--	--	1	--	7
Lincoln J Street (NE)	--	--	3	--	--	--	--	--	*	--	2
Rokeby (NE)	--	--	47	--	--	--	--	--	1	--	5
Lindsay Public Works Authority ..	--	--	--	--	--	--	--	--	--	--	--
Lindsay (OK)	--	--	--	--	--	--	--	--	--	--	--
Litchfield City Of	--	4	--	--	--	--	--	*	--	--	*
Litchfield (MN)	--	4	--	--	--	--	--	*	--	--	*
Lockhart Power Company	--	--	--	10,697	--	--	--	--	--	--	--
Lockhart (SC)	--	--	--	10,697	--	--	--	--	--	--	--
Lodgepole City Of	--	--	--	--	--	--	--	--	--	--	--
Lodgepole (NE)	--	--	--	--	--	--	--	--	--	--	--
Logan City Municipal Elect Lght	--	--	--	--	--	--	--	--	--	--	--
Plt	--	-17	--	4,606	--	--	--	*	--	--	1
Logan (UT)	--	--	--	877	--	--	--	--	--	--	--
Logan 2 (UT)	--	--	--	3,729	--	--	--	--	--	--	--
Logon Diesel (UT)	--	-17	--	--	--	--	--	*	--	--	1
Logansport Municipal Utilities	13,242	--	89	--	--	--	8	--	3	4	2
Logansport (IN)	13,242	--	89	--	--	--	8	--	3	4	2
Long Islar Lighting Company	--	410,504	156,055	--	--	--	--	691	1,769	--	2,092
Barrett, E F (NY)	--	627	109,200	--	--	--	--	1	1,208	--	352
Brookhaven (NY)	--	552	--	--	--	--	--	1	--	--	34
East Hampton (NY)	--	-16	--	--	--	--	--	--	--	--	2
Far Rockway (NY)	--	--	1,020	--	--	--	--	--	18	--	35
Glenwood (NY)	--	44	8,243	--	--	--	--	*	120	--	31
Holbrook (NY)	--	6,086	--	--	--	--	--	22	--	--	64
Montauk (NY)	--	-6	--	--	--	--	--	--	--	--	1
Northport (NY)	--	278,907	37,592	--	--	--	--	465	424	--	1,065
Port Jefferson (NY)	--	124,366	--	--	--	--	--	203	--	--	471
Shoreham (NY)	--	-36	--	--	--	--	--	--	--	--	20
Southampton (NY)	--	-16	--	--	--	--	--	--	--	--	3
Southold (NY)	--	-9	--	--	--	--	--	--	--	--	2
West Babylon (NY)	--	5	--	--	--	--	--	*	--	--	10
Longmont City Of	--	--	--	316	--	--	--	--	--	--	--
Longmont (CO)	--	--	--	316	--	--	--	--	--	--	--
Los Angeles Dept Of Water And	--	--	--	--	--	--	--	--	--	--	--
Power	693,272	1,322	225,540	87,059	--	11	291	3	2,530	1,398	3,351
Big Pine Creek (CA)	--	--	--	2,103	--	--	--	--	--	--	--
Castaic (CA)	--	--	--	-10,227	--	--	--	--	--	--	--
Control Gorge (CA)	--	--	--	16,662	--	--	--	--	--	--	--
Cottonwood (CA)	--	--	--	1,018	--	--	--	--	--	--	--
Division Creek (CA)	--	--	--	409	--	--	--	--	--	--	--
Foothill (CA)	--	--	--	5,499	--	--	--	--	--	--	--
Franklin Canyon (CA)	--	--	--	-1	--	--	--	--	--	--	--
Haiwee (CA)	--	--	--	1,818	--	--	--	--	--	--	--
Harbor (CA)	--	-109	--	--	--	--	--	*	--	--	15
Haynes (CA)	--	--	187,230	--	--	--	--	--	2,055	--	2,517
Intermountain (UT)	693,272	1,431	--	--	--	--	291	2	--	1,398	3
Middle Gorge (CA)	--	--	--	16,443	--	--	--	--	--	--	--
Pleasant Valley (CA)	--	--	--	1,468	--	--	--	--	--	--	--
San Fernando (CA)	--	--	--	3,402	--	--	--	--	--	--	--
San Francisquito 1 (CA)	--	--	--	24,344	--	--	--	--	--	--	--
San Francisquito 2 (CA)	--	--	--	7,982	--	--	--	--	--	--	--
Sawtelle (CA)	--	--	--	316	--	--	--	--	--	--	--
Scattergood (CA)	--	--	40,402	--	--	11	--	--	475	--	377
Upper Gorge (CA)	--	--	--	15,823	--	--	--	--	--	--	--
Valley (CA)	--	--	-2,092	--	--	--	--	--	*	--	439
Louisiana Power & Light Co	--	--	--	--	--	--	--	--	--	--	--
(MSU)	--	397	545,227	--	786,416	--	--	1	5,968	--	565

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Louisiana Power & Light Co (MSU)											
Buras (LA)	--	--	--	--	--	--	--	--	--	--	1
Little Gypsy (LA)	--	--	99,824	--	--	--	--	--	1,145	--	46
Monroe (LA)	--	--	--	--	--	--	--	--	--	--	--
Nine Mile Point (LA)	--	--	274,308	--	--	--	--	--	2,842	--	315
Sterlington (LA)	--	--	632	--	--	--	--	--	8	--	24
Thibodaux (LA)	--	--	--	--	--	--	--	--	--	--	--
Waterford (LA)	--	--	--	--	786,416	--	--	--	--	--	--
Waterford (LA)	--	397	170,463	--	--	--	--	1	1,973	--	179
Louisville Gas & Electric Co	993,001	3,668	1,442	38,345	--	--	441	7	17	654	18
Cane Run (KY)	166,423	39	752	--	--	--	79	*	8	58	2
Mill Creek (KY)	512,322	3,525	507	--	--	--	231	6	5	412	13
Ohio Falls (KY)	--	--	--	38,345	--	--	--	--	--	--	--
Paddys Run (KY)	--	--	100	--	--	--	--	--	2	--	--
Trimble County (KY)	314,256	104	--	--	--	--	132	*	--	185	4
Waterside (KY)	--	--	28	--	--	--	--	--	1	--	--
Zorn (KY)	--	--	55	--	--	--	--	--	1	--	--
Lowell Light & Power	--	--	--	--	--	--	--	--	--	--	*
Lowell (MI)	--	--	--	--	--	--	--	--	--	--	*
Lower Colorado River Authority ..	880,552	807	95,551	28,231	--	--	518	1	1,031	673	172
Austin (TX)	--	--	--	--	--	--	--	--	--	--	--
Buchanan (TX)	--	--	--	4,480	--	--	--	--	--	--	--
Granite Shoals (TX)	--	--	--	4,037	--	--	--	--	--	--	--
Inks (TX)	--	--	--	2,159	--	--	--	--	--	--	--
Mansfield (TX)	--	--	--	15,100	--	--	--	--	--	--	--
Marble Falls (TX)	--	--	--	455	--	--	--	--	--	--	--
Sam K Seymour, Jr (TX)	880,552	807	--	--	--	--	518	1	--	673	14
Sim Gideon (TX)	--	--	30,672	--	--	--	--	--	333	--	78
T. C. Ferguson (TX)	--	--	64,879	--	--	--	--	--	698	--	81
Lower Valley Power & Light, Inc. ..	--	--	--	872	--	--	--	--	--	--	--
Strawberry Creek (WY)	--	--	--	872	--	--	--	--	--	--	--
Lubbock City Of (Power & Light Dept)	--	--	51,589	--	--	--	--	--	584	--	11
Holly Ave (TX)	--	--	42,625	--	--	--	--	--	491	--	11
LP&L Co GEN	--	--	8,964	--	--	--	--	--	93	--	--
Plant 2 (TX)	--	--	--	--	--	--	--	--	--	--	--
Luverne City Of	--	--	--	--	--	--	--	--	--	--	--
Luverne (MN)	--	--	--	--	--	--	--	--	--	--	--
Lyndonville Electric Department ..	--	--	--	902	--	--	--	--	--	--	--
Great Falls (VT)	--	--	--	666	--	--	--	--	--	--	--
Vail (VT)	--	--	--	236	--	--	--	--	--	--	--
M & A Electric Power Cooperative	--	-27	--	--	--	--	--	--	--	--	*
Green Forest (MO)	--	-27	--	--	--	--	--	--	--	--	*
Macon Municipal Utilities	--	--	--	--	--	--	--	--	--	--	1
Macon (MO)	--	--	--	--	--	--	--	--	--	--	1
Madelia Mun Lt & Pwr Plant	--	9	--	--	--	--	--	*	--	--	*
Madelia (MN)	--	9	--	--	--	--	--	*	--	--	*
Madison City Of	--	--	--	302	--	--	--	--	--	--	--
Norridgewick (ME)	--	--	--	302	--	--	--	--	--	--	--
Madison Gas & Electric Co	2	--	3,570	--	--	--	*	--	85	9	14
Blount Street (WI)	2	--	2,979	--	--	--	*	--	75	9	3
Fitchburg (WI)	--	--	383	--	--	--	--	--	6	--	5
Nine Springs (WI)	--	--	-6	--	--	--	--	--	*	--	1
Sycamore (WI)	--	--	214	--	--	--	--	--	4	--	5

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Madison Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Madison (MN)	--	--	--	--	--	--	--	--	--	--	--
Maine Public Service Co	--	-86	--	537	--	--	--	*	--	--	10
Caribou (ME)	--	-62	--	446	--	--	--	*	--	--	10
Flos Inn (ME)	--	-19	--	--	--	--	--	*	--	--	*
Houlton (ME)	--	-5	--	--	--	--	--	--	--	--	*
Squa Pan (ME)	--	--	--	91	--	--	--	--	--	--	--
Maine Yankee Atomic Power Company	--	--	--	--	641,341	--	--	--	--	--	--
Maine Yankee (ME)	--	--	--	--	641,341	--	--	--	--	--	--
Malden City Of	--	1	9	--	--	--	--	*	*	--	*
Malden (MO)	--	1	9	--	--	--	--	*	*	--	*
Mangum City Of	--	3	13	--	--	--	--	*	*	--	*
Mangum (OK)	--	3	13	--	--	--	--	*	*	--	*
Manilla Mun Service Dept	--	--	--	--	--	--	--	--	--	--	--
Manilla (IA)	--	--	--	--	--	--	--	--	--	--	--
Manitowoc Public Utilities	17,226	2,434	103	--	--	--	9	*	1	39	1
Manitowoc (WI)	17,226	2,434	103	--	--	--	9	*	1	39	1
Manley Utility Company Inc	--	17	--	--	--	--	--	*	--	--	*
Manley (AK)	--	17	--	--	--	--	--	*	--	--	*
Manning Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Manning (IA)	--	--	--	--	--	--	--	--	--	--	--
Manti City Corp Light & Power Dept	--	--	--	541	--	--	--	--	--	--	--
Lower (UT)	--	--	--	282	--	--	--	--	--	--	--
Manti (UT)	--	--	--	259	--	--	--	--	--	--	--
Maquoketa Mun Lt & Pwr	--	2	18	--	--	--	--	*	*	--	1
Maquoketa (IA)	--	2	18	--	--	--	--	*	*	--	1
Marblehead Municipal Light Dept	--	1	--	--	--	--	--	*	--	--	1
Commerce St 2 (MA)	--	--	--	--	--	--	--	--	--	--	*
Wilkins Station (MA)	--	1	--	--	--	--	--	*	--	--	1
Marquette Bd Of Lt & Pwr	16,828	26	--	2,623	--	--	12	*	--	18	4
Plant Four (MI)	--	--	--	--	--	--	--	--	--	--	4
Plant Two (MI)	--	--	--	2,127	--	--	--	--	--	--	--
Russell, Frank J (MI)	--	--	--	496	--	--	--	--	--	--	--
Shiras (MI)	16,828	26	--	--	--	--	12	*	--	18	*
Marshall City Wtr & Elec Works	--	--	--	169	--	--	--	--	--	--	*
Marshall (MI)	--	--	--	169	--	--	--	--	--	--	*
Marshall Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Marshall (MN)	--	--	--	--	--	--	--	--	--	--	--
Marshall Municipal Utilities	-76	-1	-81	--	--	--	--	*	*	*	3
Marshall (MO)	-76	-1	-81	--	--	--	--	*	*	*	3
Marshfield Electric & Water Dept	--	--	--	--	--	--	--	--	--	--	--
Wildwood (WI)	--	--	--	--	--	--	--	--	--	--	--
Martinsville Electric Department	--	--	--	607	--	--	--	--	--	--	--
Martinsville (VA)	--	--	--	607	--	--	--	--	--	--	--
Mascoutah City Of (Pwr & Lt Dept)	--	2	--	--	--	--	--	*	--	--	1
Mascoutah (IL)	--	2	--	--	--	--	--	*	--	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Mass Mun Wholesale Electric											
Company	--	411	30,704	--	--	--	--	1	278	--	94
Stonybrook (MA)	--	411	30,704	--	--	--	--	1	278	--	94
Maul Electric Co, Ltd	--	70,804	--	--	--	--	--	131	--	--	140
Cook (HI)	--	2,818	--	--	--	--	--	5	--	--	*
Kahului (HI)	--	21,375	--	--	--	--	--	45	--	--	55
Lanai City (HI)	--	950	--	--	--	--	--	2	--	--	*
Maalaea (HI)	--	44,491	--	--	--	--	--	76	--	--	84
Miki Basin (HI)	--	1,170	--	--	--	--	--	3	--	--	*
Mcgrath Light & Power Co	--	214	--	--	--	--	--	*	--	--	1
Mcgrath (AK)	--	214	--	--	--	--	--	*	--	--	1
Mcgregor Municipal Utilities	--	1	--	--	--	--	--	*	--	--	*
Mc Gregor (IA)	--	1	--	--	--	--	--	*	--	--	*
Mcleansboro City Of	--	9	--	--	--	--	--	*	--	--	*
Mc Leansboro (IL)	--	9	--	--	--	--	--	*	--	--	*
Mcperson Board Of Public Util ..	--	--	61	--	--	--	--	--	1	--	16
Plant No. 1 (KS)	--	--	--	--	--	--	--	--	--	--	*
Plant No. 2 (KS)	--	--	61	--	--	--	--	--	1	--	16
Meade City Of	--	13	100	--	--	--	--	*	1	--	1
Meade (KS)	--	13	100	--	--	--	--	*	1	--	1
Medina Electric Coop, Inc	--	--	600	--	--	--	--	--	8	--	21
Pearsall (TX)	--	--	600	--	--	--	--	--	8	--	21
Melrose Water, Lt & Pwr & Bldg											
Comm	--	--	--	--	--	--	--	--	--	--	--
Melrose (MN)	--	--	--	--	--	--	--	--	--	--	--
Memphis Lt Gas & Wtr Division ..	--	--	--	--	--	--	--	--	--	--	*
Memphis (MO)	--	--	--	--	--	--	--	--	--	--	*
Menasha Electric & Water											
Utilities	--	--	--	--	--	--	--	--	--	3	--
Menasha (WI)	--	--	--	--	--	--	--	--	--	3	--
Merced Irrigation District	--	--	--	54,278	--	--	--	--	--	--	--
Canal Creek (CA)	--	--	--	290	--	--	--	--	--	--	--
Exchequer (CA)	--	--	--	46,989	--	--	--	--	--	--	--
Fairfield (CA)	--	--	--	472	--	--	--	--	--	--	--
Mcswain (CA)	--	--	--	5,496	--	--	--	--	--	--	--
Parker (CA)	--	--	--	1,031	--	--	--	--	--	--	--
Merrillan Light & Water Dept	--	--	--	39	--	--	--	*	--	--	*
Merrillan (WI)	--	--	--	39	--	--	--	*	--	--	*
Metlakatla Power & Light	--	500	--	1,174	--	--	--	1	--	--	3
Centennial (AK)	--	500	--	--	--	--	--	1	--	--	3
Chester Lake (AK)	--	--	--	262	--	--	--	--	--	--	--
Leffel Turbine (AK)	--	--	--	912	--	--	--	--	--	--	--
Metropolitan Edison Co (GPS)	134,467	1,380	301	--	--	--	54	3	8	242	27
Hamilton (PA)	--	9	--	--	--	--	--	*	--	--	*
Hunterstown (PA)	--	--	154	--	--	--	--	*	7	--	2
Mountain (PA)	--	--	--	--	--	--	--	*	--	--	3
Orrtanna (PA)	--	--	--	--	--	--	--	--	--	--	2
Portland (PA)	47,200	630	96	--	--	--	19	1	1	165	10
Shawnee (PA)	--	16	--	--	--	--	--	*	--	--	2
Titus (PA)	87,267	725	51	--	--	--	35	1	1	77	3
Tolna (PA)	--	--	--	--	--	--	--	--	--	--	3
Yorkhaven (PA)	--	--	--	--	--	--	--	--	--	--	--
Metropolitan Wtr Dist Of So Calif	--	--	--	30,792	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Metropolitan Wtr Dist Of So Calif											
Corona (CA)	--	--	--	1,755	--	--	--	--	--	--	--
Coyote Creek (CA)	--	--	--	1,494	--	--	--	--	--	--	--
Foothill Feeder (CA)	--	--	--	4,224	--	--	--	--	--	--	--
Greg Avenue (CA)	--	--	--	758	--	--	--	--	--	--	--
Lake Mathews (CA)	--	--	--	3,516	--	--	--	--	--	--	--
Perris (CA)	--	--	--	--	--	--	--	--	--	--	--
Red Mountain (CA)	--	--	--	--	--	--	--	--	--	--	--
Rio Hondo (CA)	--	--	--	1,138	--	--	--	--	--	--	--
San Dimas (CA)	--	--	--	4,176	--	--	--	--	--	--	--
Sepulv Cyn (CA)	--	--	--	5,448	--	--	--	--	--	--	--
Temescal (CA)	--	--	--	1,788	--	--	--	--	--	--	--
Valley View (CA)	--	--	--	--	--	--	--	--	--	--	--
Venice (CA)	--	--	--	3,735	--	--	--	--	--	--	--
Yorba Linda (CA)	--	--	--	2,760	--	--	--	--	--	--	--
Mich So Central Pwr Agency	23,034	38	--	--	--	--	13	*	--	22	5
Project I (MI)	23,034	38	--	--	--	--	13	*	--	22	5
Mid-State Service Company	--	--	--	211	--	--	--	--	--	--	--
Irving (MI)	--	--	--	211	--	--	--	--	--	--	--
Midwest Energy Inc	--	-60	31	--	--	--	--	*	1	--	23
Atwood (KS)	--	1	--	--	--	--	--	*	--	--	*
Bird City (KS)	--	-12	--	--	--	--	--	--	--	--	*
Colby (KS)	--	--	31	--	--	--	--	--	1	--	6
Ellis (KS)	--	-5	--	--	--	--	--	--	--	--	1
Great Bend (KS)	--	-9	--	--	--	--	--	--	--	--	*
Hays (KS)	--	-18	--	--	--	--	--	--	--	--	5
Hoxie (KS)	--	2	--	--	--	--	--	*	--	--	*
Ross Beach (KS)	--	-19	--	--	--	--	--	--	--	--	11
Wakeeney (KS)	--	--	--	--	--	--	--	*	--	--	*
Midwest Power Co	865,122	1,007	6,338	--	--	--	533	2	79	1,880	70
Council Bluffs (IA)	314,748	525	383	--	--	--	207	1	4	564	9
Electrifiarm (IA)	--	--	248	--	--	--	--	--	5	--	16
Neal, George (IA)	550,374	484	4,460	--	--	--	326	1	47	1,316	16
Parr (IA)	--	--	57	--	--	--	--	--	2	--	7
Pleasant Hill (IA)	--	-2	--	--	--	--	--	*	--	--	12
River Hills (IA)	--	--	931	--	--	--	--	--	16	--	3
Sycamore (IA)	--	--	259	--	--	--	--	--	5	--	7
Milford Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Milford (IA)	--	--	--	--	--	--	--	--	--	--	--
Minden City Of	--	--	--	--	--	--	--	--	*	--	2
Minden (LA)	--	--	--	--	--	--	--	--	*	--	2
Minneapolis City Of	--	2	38	--	--	--	--	*	*	--	*
Minneapolis (KS)	--	2	38	--	--	--	--	*	*	--	*
Minnesota Power & Light Co	287,413	387	--	76,697	--	--	172	1	--	351	5
Aurora (MN)	29,839	88	--	--	--	--	20	*	--	45	*
Blanchard (MN)	--	--	--	11,438	--	--	--	--	--	--	--
Boswell, Clay (MN)	257,574	299	--	--	--	--	152	1	--	307	4
Fond Du Lac (MN)	--	--	--	7,477	--	--	--	--	--	--	--
Hibbard, M L (MN)	--	--	--	--	--	--	--	--	--	--	--
Knife Falls (MN)	--	--	--	1,191	--	--	--	--	--	--	--
Little Falls (MN)	--	--	--	3,188	--	--	--	--	--	--	--
Pillager (MN)	--	--	--	1,152	--	--	--	--	--	--	--
Prairie River (MN)	--	--	--	532	--	--	--	--	--	--	--
Scanlon (MN)	--	--	--	991	--	--	--	--	--	--	--
Sylvan (MN)	--	--	--	1,277	--	--	--	--	--	--	--
Thompson (MN)	--	--	--	46,523	--	--	--	--	--	--	--
Winton (MN)	--	--	--	2,928	--	--	--	--	--	--	--
Minnkota Power Coop, Inc	454,003	835	--	--	--	--	385	1	--	537	4
Grand Forks (ND)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 (bbbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbbls)
Minnkota Power Coop, Inc											
Harwood (ND)	--	--	--	--	--	--	--	--	--	--	--
Hawley (MN)	--	--	--	--	--	--	--	--	--	--	--
Young, Milton R (ND)	454,003	835	--	--	--	--	385	1	--	537	4
Mission Valley Power	--	--	--	265	--	--	--	--	--	--	--
Hellroaring (MT)	--	--	--	265	--	--	--	--	--	--	--
Mississippi Power & Light Co											
(MSU)	--	110,884	135,973	--	--	--	--	183	1,659	--	1,164
Andrus (MS)	--	6,319	--	--	--	--	--	20	--	--	774
Brown, Rex (MS)	--	-12	32,605	--	--	--	--	*	659	--	35
Delta (MS)	--	--	--	--	--	--	--	--	--	--	58
Natchez (MS)	--	--	--	--	--	--	--	--	--	--	3
Wilson, B (MS)	--	104,577	103,368	--	--	--	--	163	1,000	--	293
Mississippi Power Co (SC)	577,635	77	41,045	--	--	--	252	*	984	613	70
Daniel, Victor J Jr. (MS)	331,337	77	--	--	--	--	153	*	--	320	5
Eaton (MS)	--	--	447	--	--	--	--	--	8	--	6
Standard Oil (MS)	--	--	37,988	--	--	--	--	--	950	--	--
Sweatt (MS)	--	--	--	--	--	--	--	--	--	--	33
Watson (MS)	246,298	--	2,610	--	--	--	98	--	26	293	26
Missouri Basin Mun Power											
Agency	--	--	--	--	--	--	--	--	--	--	--
Watertown (SD)	--	--	--	--	--	--	--	--	--	--	--
Modesto Irrigation Dist	--	--	-41	1,497	--	--	--	--	*	--	18
McClure (CA)	--	--	-41	--	--	--	--	--	*	--	18
New Hogan (CA)	--	--	--	1,392	--	--	--	--	--	--	--
Stone Drop (CA)	--	--	--	105	--	--	--	--	--	--	--
Monongahela Power Co (APS)	2,107,814	6,971	426	--	--	--	815	12	4	2,743	15
Albright (WV)	40,323	686	--	--	--	--	13	1	--	182	2
Fort Martin (WV)	585,917	1,190	--	--	--	--	227	2	--	683	4
Harrison (WV)	1,043,108	--	426	--	--	--	384	--	4	854	3
Pleasants (WV)	417,648	4,905	--	--	--	--	181	9	--	890	6
Rivesville (WV)	-500	--	--	--	--	--	--	--	--	48	1
Willow Island (WV)	21,318	190	--	--	--	--	10	*	--	86	*
Monroe City Of	--	32	6	--	--	--	--	*	*	--	1
Monroe (MO)	--	32	6	--	--	--	--	*	*	--	1
Monroe Power And Light Dept	--	--	--	307	--	--	--	--	--	--	--
Lower (UT)	--	--	--	133	--	--	--	--	--	--	--
Mon Pump St (UT)	--	--	--	21	--	--	--	--	--	--	--
Monroe Upr (UT)	--	--	--	153	--	--	--	--	--	--	--
Montana Power Company, The	367,122	3,458	1,842	324,435	--	--	244	7	13	750	12
Black Eagle (MT)	--	--	--	10,685	--	--	--	--	--	--	--
Cochrane (MT)	--	--	--	38,471	--	--	--	--	--	--	--
Colstrip (MT)	289,085	3,358	--	--	--	--	195	7	--	694	11
Corette, J E (MT)	78,037	--	1,842	--	--	--	48	--	13	55	--
Frank Bird (MT)	--	--	--	--	--	--	--	--	--	--	--
Hauser Lake (MT)	--	--	--	11,241	--	--	--	--	--	--	--
Holter (MT)	--	--	--	33,125	--	--	--	--	--	--	--
Kerr (MT)	--	--	--	98,688	--	--	--	--	--	--	--
Lake Diesel (MT)	--	--	--	--	--	--	--	--	--	--	--
Madison (MT)	--	--	--	5,548	--	--	--	--	--	--	--
Milltown (MT)	--	--	--	1,814	--	--	--	--	--	--	--
Morony (MT)	--	--	--	33,056	--	--	--	--	--	--	--
Mystic Lake (MT)	--	--	--	3,396	--	--	--	--	--	--	--
Rainbow (MT)	--	--	--	19,282	--	--	--	--	--	--	--
Ryan (MT)	--	--	--	43,271	--	--	--	--	--	--	--
Thompson Falls (MT)	--	--	--	25,858	--	--	--	--	--	--	--
Yellowstone (MT)	--	100	--	--	--	--	--	*	--	--	*
Montana-Dakota Utilities Co	204,955	1,490	-7	--	--	--	183	3	*	187	9

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Montana-Dakota Utilities Co											
Coyote (ND)	158,681	1,490	--	--	--	--	141	3	--	137	5
Glendive (MT)	--	--	-3	--	--	--	--	--	--	--	2
Heskett (ND)	33,566	--	--	--	--	--	29	--	--	39	--
Lewis & Clark (MT)	12,708	--	4	--	--	--	13	--	*	12	--
Miles City (MT)	--	--	-4	--	--	--	--	--	--	--	1
Williston (ND)	--	--	-4	--	--	--	--	--	*	--	--
Morlaup Electric Co (EU)	11,456	4,476	--	--	--	--	5	9	--	91	74
Somerset (MA)	11,456	4,476	--	--	--	--	5	9	--	91	74
Montezuma Mun Elec Lt & Pwr	--	--	--	--	--	--	--	--	--	--	*
Montezuma (IA)	--	--	--	--	--	--	--	--	--	--	*
Moon Lake Electric Assn, Inc	--	--	--	1,229	--	--	--	--	--	--	--
Uintah (UT)	--	--	--	752	--	--	--	--	--	--	--
Yellowstone (UT)	--	--	--	477	--	--	--	--	--	--	--
Moorhead Public Service Dept	--	1	--	--	--	--	--	*	--	2	*
Moorhead (MN)	--	1	--	--	--	--	--	*	--	2	*
Moose Lake Public Util Comm	--	--	--	--	--	--	--	--	--	--	*
Moose Lake (MN)	--	--	--	--	--	--	--	--	--	--	*
Mora Municipal Electric Utility	--	--	--	--	--	--	--	--	--	--	--
Mora (MN)	--	--	--	--	--	--	--	--	--	--	--
Morgan City City Of	--	--	8,025	--	--	--	--	--	114	--	--
Morgan City (LA)	--	--	8,025	--	--	--	--	--	114	--	--
Morrisville Water & Light Dept	--	--	--	1,120	--	--	--	--	--	--	--
Cadys Falls (VT)	--	--	--	413	--	--	--	--	--	--	--
Morrisville (VT)	--	--	--	668	--	--	--	--	--	--	--
W K Sanders (VT)	--	--	--	39	--	--	--	--	--	--	--
Mount Pleasant Mun Utils	--	--	--	--	--	--	--	--	--	--	*
Mt Pleasant (IA)	--	--	--	--	--	--	--	--	--	--	*
Mount Pleasant Municipal	--	--	--	206	--	--	--	--	--	--	--
Lower (UT)	--	--	--	95	--	--	--	--	--	--	--
Unit 3 (UT)	--	--	--	13	--	--	--	--	--	--	--
Unit 4 (UT)	--	--	--	--	--	--	--	--	--	--	--
Upper (UT)	--	--	--	98	--	--	--	--	--	--	--
Mountain Lake Municipal Util	--	--	--	--	--	--	--	--	--	--	--
Mountain Lake (MN)	--	--	--	--	--	--	--	--	--	--	--
Mullen, Village Of	--	2	--	--	--	--	--	*	--	--	*
Mullen (NE)	--	2	--	--	--	--	--	*	--	--	*
Mulvane City Of	--	6	21	--	--	--	--	*	*	--	*
Mulvane (KS)	--	6	21	--	--	--	--	*	*	--	*
Murray City Corporation	--	2	5	1,970	--	--	--	*	*	--	*
Diesel (UT)	--	2	5	--	--	--	--	*	*	--	*
Little Cottonwood (UT)	--	--	--	1,970	--	--	--	--	--	--	--
Muscatine City Of	92,066	93	3	--	--	--	63	*	*	88	1
Muscatine (IA)	92,066	93	3	--	--	--	63	*	*	88	1
Muscoda Light & Water Comm	--	--	--	--	--	--	--	--	--	--	--
Muscoda (WI)	--	--	--	--	--	--	--	--	--	--	--
Naknek Electric Assn, Inc	--	1,756	--	--	--	--	--	3	--	--	25
Naknek (AK)	--	1,756	--	--	--	--	--	3	--	--	25
Nantahala Power & Light Co	--	--	--	31,652	--	--	--	--	--	--	--
Bear Creek (NC)	--	--	--	4,154	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Nantahala Power & Light Co											
Bryson (NC)	--	--	--	488	--	--	--	--	--	--	--
Cedar Cliff (NC)	--	--	--	2,996	--	--	--	--	--	--	--
Dillsboro (NC)	--	--	--	106	--	--	--	--	--	--	--
Franklin (NC)	--	--	--	373	--	--	--	--	--	--	--
Mission (NC)	--	--	--	422	--	--	--	--	--	--	--
Nantahala (NC)	--	--	--	13,517	--	--	--	--	--	--	--
Queens Creek (NC)	--	--	--	104	--	--	--	--	--	--	--
Tennessee Creek (NC)	--	--	--	5,886	--	--	--	--	--	--	--
Thorpe (NC)	--	--	--	3,067	--	--	--	--	--	--	--
Tuckasegee (NC)	--	--	--	539	--	--	--	--	--	--	--
Nantucket Electric Company	--	6,126	--	--	--	--	--	11	--	--	5
Nantucket (MA)	--	6,126	--	--	--	--	--	11	--	--	5
Natchitoches City Of	--	--	--	--	--	--	--	--	--	--	--
Natchitoches (LA)	--	--	--	--	--	--	--	--	--	--	--
National Hydro	--	--	--	1,547	--	--	--	--	--	--	--
Dayton (IL)	--	--	--	1,547	--	--	--	--	--	--	--
Nebraska City Utilities	--	34	524	--	--	--	--	*	6	--	--
Nebraska City (NE)	--	21	323	--	--	--	--	*	4	--	--
Syracuse No 2 (NE)	--	13	201	--	--	--	--	*	2	--	--
Nebraska Public Power District ...	496,117	154	4,231	19,362	--	--	300	*	47	871	18
Columbus (NE)	--	--	--	12,570	--	--	--	--	--	--	--
Cooper (NE)	--	--	--	--	--	--	--	--	--	--	--
David City (NE)	--	2	6	--	--	--	--	*	*	--	*
Gentleman (NE)	379,879	--	3,922	--	--	--	226	--	43	722	7
Hallam (NE)	--	--	204	--	--	--	--	--	3	--	3
Hebron (NE)	--	51	--	--	--	--	--	*	--	--	3
Kearney (NE)	--	--	--	--	--	--	--	--	--	--	--
Lyons (NE)	--	2	--	--	--	--	--	*	--	--	*
Madison (NE)	--	7	10	--	--	--	--	*	*	--	*
Mc Cook (NE)	--	64	--	--	--	--	--	*	--	--	3
Minnechadua (NE)	--	--	--	46	--	--	--	--	--	--	--
Mobile (NE)	--	--	--	--	--	--	--	--	--	--	--
Monroe (NE)	--	--	--	2,201	--	--	--	--	--	--	--
North Platte (NE)	--	--	--	3,539	--	--	--	--	--	--	--
Ord (NE)	--	22	14	--	--	--	--	*	*	--	*
Schuyler (NE)	--	--	--	--	--	--	--	--	--	--	--
Sheldon (NE)	116,238	--	67	--	--	--	74	--	1	149	--
Spencer (NE)	--	--	--	1,006	--	--	--	*	--	--	*
Sutherland (NE)	--	6	--	--	--	--	--	--	--	--	*
Wakefield (NE)	--	--	8	--	--	--	--	--	*	--	*
Neodesha City Of	--	--	--	--	--	--	--	--	--	--	*
Neodesha (KS)	--	--	--	--	--	--	--	--	--	--	*
Nevada Irrigation District	--	--	--	1,545	--	--	--	--	--	--	--
Combie No (CA)	--	--	--	94	--	--	--	--	--	--	--
Combie So (CA)	--	--	--	1,090	--	--	--	--	--	--	--
Scott Flat (CA)	--	--	--	361	--	--	--	--	--	--	--
Nevada Irrigation District	--	--	--	53,060	--	--	--	--	--	--	--
Bowman (CA)	--	--	--	2,360	--	--	--	--	--	--	--
Chicago Park (CA)	--	--	--	24,270	--	--	--	--	--	--	--
Dutch Flat No.2 (CA)	--	--	--	17,168	--	--	--	--	--	--	--
Rollins (CA)	--	--	--	9,262	--	--	--	--	--	--	--
Nevada Power Company	158,403	1,469	29,749	--	--	--	82	1	308	483	102
Clark (NV)	--	--	28,147	--	--	--	--	--	293	--	61
Gardner, Reid (NV)	158,403	1,469	--	--	--	--	82	1	--	483	7
Sun Peak (NV)	--	--	1,376	--	--	--	--	--	13	--	--
Sunrise (NV)	--	--	226	--	--	--	--	--	3	--	35
New England Power Co (NEES) ...	467,318	166,262	--	111,502	--	--	176	306	--	527	1,208

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
New England Power Co (NEES)											
Bear Swamp (MA)	--	--	--	-16,543	--	--	--	--	--	--	--
Bellows Falls (VT)	--	--	--	25,425	--	--	--	--	--	--	--
Brayton Point (MA)	309,223	44,316	--	--	--	--	112	89	--	387	671
Cornford (NH)	--	--	--	24,000	--	--	--	--	--	--	--
Deerfield No. 2 (MA)	--	--	--	2,246	--	--	--	--	--	--	--
Deerfield No. 3 (MA)	--	--	--	2,557	--	--	--	--	--	--	--
Deerfield No. 4 (MA)	--	--	--	2,125	--	--	--	--	--	--	--
Deerfield No. 5 (MA)	--	--	--	1,450	--	--	--	--	--	--	--
Fife Brook (MA)	--	--	--	2,276	--	--	--	--	--	--	--
Gloucester (MA)	--	150	--	--	--	--	--	*	--	--	2
Harriman (VT)	--	--	--	9,498	--	--	--	--	--	--	--
Manchester Street (RI)	--	3,438	--	--	--	--	--	10	--	--	80
McIndoes (NH)	--	--	--	5,404	--	--	--	--	--	--	--
Moore (NH)	--	--	--	20,817	--	--	--	--	--	--	--
Newburyport (MA)	--	14	--	--	--	--	--	*	--	--	1
Salem Harbor (MA)	158,095	118,344	--	--	--	--	64	207	--	140	454
Searsburg (VT)	--	--	--	2,564	--	--	--	--	--	--	--
Sherman (MA)	--	--	--	2,333	--	--	--	--	--	--	--
South Street (RI)	--	--	--	--	--	--	--	--	--	--	--
Vernon (NH)	--	--	--	8,497	--	--	--	--	--	--	--
Vernon (VT)	--	--	--	4,989	--	--	--	--	--	--	--
Wilder (NH)	--	--	--	9,515	--	--	--	--	--	--	--
Wilder (VT)	--	--	--	4,349	--	--	--	--	--	--	--
New Hampton Mun Light Plant											
New Hampton (IA)	--	5	60	--	--	--	--	*	1	--	*
New Lisbon Mun Electric Dept											
New Lisbon (WI)	--	--	5	--	--	--	--	--	*	--	*
New Orleans Public Service											
(MSU)	--	83,335	56,679	--	--	--	--	132	548	--	259
Michoud (LA)	--	83,335	56,679	--	--	--	--	132	548	--	257
Paterson, A B (LA)	--	--	--	--	--	--	--	--	--	--	2
New Prague Mun Utils Comm											
New Prague (MN)	--	13	10	--	--	--	--	*	*	--	*
New Roads Light & Water Plant ..											
New Roads (LA)	--	--	--	--	--	--	--	*	*	--	1
New Smyrna Beach City Of											
Causeway (FL)	--	-32	--	--	--	--	--	*	*	--	2
Glencoe Road (FL)	--	--	--	--	--	--	--	--	--	--	--
New Smyrna (FL)	--	-27	--	--	--	--	--	*	--	--	2
W E Swoope (FL)	--	-5	--	--	--	--	--	--	*	--	1
New Ulm Pub Utils Comm											
New Ulm (MN)	--	2	2,692	--	--	--	--	*	62	4	4
New York State Elec & Gas Corp											
Cadyville (NY)	641,105	1,192	--	32,165	--	993	256	2	--	792	7
Goudey (NY)	--	--	--	2,068	--	--	--	--	--	--	--
Greenidge (NY)	48,332	161	--	--	--	--	19	--	--	62	2
Harris Lake (NY)	64,256	228	--	--	--	--	26	*	--	101	2
Hickling (NY)	--	-4	--	--	--	--	--	--	--	--	--
High Falls (NY)	23,355	--	--	--	--	--	15	--	--	34	--
Jennison (NY)	--	--	--	10,060	--	--	--	--	--	--	--
Kents Falls (NY)	15,312	--	--	--	--	993	12	--	--	51	--
Keuka (NY)	--	--	--	3,601	--	--	--	--	--	--	--
Mechanicville (NY)	--	--	--	7,749	--	--	--	--	--	--	--
Mill "C" (NY)	--	--	--	2,666	--	--	--	--	--	--	--
Milliken (NY)	89,254	189	--	--	--	--	35	*	--	102	2
Rainbow Falls (NY)	--	--	--	1,496	--	--	--	--	--	--	--
Seneca Falls (NY)	--	--	--	3,123	--	--	--	--	--	--	--
Somerset (NY)	400,596	618	--	--	--	--	148	1	--	442	2
Waterloo (NY)	--	--	--	1,402	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Newberry Wtr & Lt Board	--	--	--	--	--	--	--	--	--	--	*
Newberry (MI)	--	--	--	--	--	--	--	--	--	--	*
Newport Electric Corporation	--	-21	--	--	--	--	--	*	--	--	2
Eldred (RI)	--	-4	--	--	--	--	--	*	--	--	1
Jepson (RI)	--	-17	--	--	--	--	--	*	--	--	1
Niagara Mohawk Power Corp	405,391	603	600	319,525	1,222,846	--	153	3	12	500	1,404
Albany (NY)	--	--	600	--	--	--	--	--	12	--	206
Allens Falls (NY)	--	--	--	2,751	--	--	--	--	--	--	--
Bakers Falls (NY)	--	--	--	--	--	--	--	--	--	--	--
Baldwinsville (NY)	--	--	--	200	--	--	--	--	--	--	--
Beardslee (NY)	--	--	--	3,460	--	--	--	--	--	--	--
Beebee Island (NY)	--	--	--	5,176	--	--	--	--	--	--	--
Belfort (NY)	--	--	--	1,255	--	--	--	--	--	--	--
Bennetts Bridge (NY)	--	--	--	5,870	--	--	--	--	--	--	--
Black River (NY)	--	--	--	3,783	--	--	--	--	--	--	--
Blake (NY)	--	--	--	9,063	--	--	--	--	--	--	--
Browns Falls (NY)	--	--	--	7,246	--	--	--	--	--	--	--
Chasm (NY)	--	--	--	2,790	--	--	--	--	--	--	--
Colton (NY)	--	--	--	21,289	--	--	--	--	--	--	--
Deferiet (NY)	--	--	--	5,277	--	--	--	--	--	--	--
Dunkirk (NY)	232,736	593	--	--	--	--	84	1	--	227	2
Eagle (NY)	--	--	--	3,621	--	--	--	--	--	--	--
East Norfolk (NY)	--	--	--	2,555	--	--	--	--	--	--	--
Eel Weir (NY)	--	--	--	1,240	--	--	--	--	--	--	--
Effley (NY)	--	--	--	1,606	--	--	--	--	--	--	--
Elmer (NY)	--	--	--	1,126	--	--	--	--	--	--	--
Ephratah (NY)	--	--	--	580	--	--	--	--	--	--	--
Feeder Dam (NY)	--	--	--	2,285	--	--	--	--	--	--	--
Five Falls (NY)	--	--	--	15,640	--	--	--	--	--	--	--
Flat Rock (NY)	--	--	--	1,932	--	--	--	--	--	--	--
Franklin (NY)	--	--	--	1,282	--	--	--	--	--	--	--
Fulton (NY)	--	--	--	501	--	--	--	--	--	--	--
Glenwood (NY)	--	--	--	628	--	--	--	--	--	--	--
Granby (NY)	--	--	--	6,378	--	--	--	--	--	--	--
Green Island (NY)	--	--	--	3,499	--	--	--	--	--	--	--
Hannawa (NY)	--	--	--	5,149	--	--	--	--	--	--	--
Herrings (NY)	--	--	--	2,279	--	--	--	--	--	--	--
Heuvelton (NY)	--	--	--	552	--	--	--	--	--	--	--
High Dam (NY)	--	--	--	4,193	--	--	--	--	--	--	--
High Falls (NY)	--	--	--	3,642	--	--	--	--	--	--	--
Higley (NY)	--	--	--	2,618	--	--	--	--	--	--	--
Hogansburg (NY)	--	--	--	247	--	--	--	--	--	--	--
Huntley, C R (NY)	172,655	4	--	--	--	--	69	2	--	273	3
Hydraulic Race (NY)	--	--	--	2,074	--	--	--	--	--	--	--
Inghams (NY)	--	--	--	2,450	--	--	--	--	--	--	--
Johnsonville (NY)	--	--	--	1,117	--	--	--	--	--	--	--
Kamargo (NY)	--	--	--	2,589	--	--	--	--	--	--	--
Lighthouse Hill (NY)	--	--	--	1,501	--	--	--	--	--	--	--
Macomb (NY)	--	--	--	689	--	--	--	--	--	--	--
Minetto (NY)	--	--	--	4,877	--	--	--	--	--	--	--
Moreau (NY)	--	--	--	1,643	--	--	--	--	--	--	--
Moshier (NY)	--	--	--	4,763	--	--	--	--	--	--	--
Nine Mile Point (NY)	--	6	--	--	1,222,846	--	--	*	--	--	2
Norfolk (NY)	--	--	--	3,083	--	--	--	--	--	--	--
Norwood (NY)	--	--	--	1,472	--	--	--	--	--	--	--
Oak Orchard (NY)	--	--	--	181	--	--	--	--	--	--	--
Oswegatchie (NY)	--	--	--	--	--	--	--	--	--	--	--
Oswego (NY)	--	--	--	--	--	--	--	--	--	--	1,192
Oswego Falls Es (NY)	--	--	--	2,651	--	--	--	--	--	--	--
Oswego Falls Ws (NY)	--	--	--	1,236	--	--	--	--	--	--	--
Parishville (NY)	--	--	--	1,459	--	--	--	--	--	--	--
Piercefield (NY)	--	--	--	1,562	--	--	--	--	--	--	--
Prospect (NY)	--	--	--	7,486	--	--	--	--	--	--	--
Rainbow (NY)	--	--	--	15,490	--	--	--	--	--	--	--
Raymondville (NY)	--	--	--	1,466	--	--	--	--	--	--	--
Schaghticoke (NY)	--	--	--	6,831	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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											
School Street (NY)	--	--	--	12,390	--	--	--	--	--	--	--
Schuylerville (NY)	--	--	--	-3	--	--	--	--	--	--	--
Sewalls (NY)	--	--	--	1,480	--	--	--	--	--	--	--
Sherman Island (NY)	--	--	--	12,560	--	--	--	--	--	--	--
So Glens Falls (NY)	--	--	--	823	--	--	--	--	--	--	--
Soft Maple (NY)	--	--	--	4,404	--	--	--	--	--	--	--
South Colton (NY)	--	--	--	13,086	--	--	--	--	--	--	--
South Edwards (NY)	--	--	--	1,977	--	--	--	--	--	--	--
Spier Falls (NY)	--	--	--	20,510	--	--	--	--	--	--	--
Stark (NY)	--	--	--	15,383	--	--	--	--	--	--	--
Stewart's Bridge (NY)	--	--	--	13,039	--	--	--	--	--	--	--
Stuyvesant Falls (NY)	--	--	--	457	--	--	--	--	--	--	--
Sugar Island (NY)	--	--	--	2,965	--	--	--	--	--	--	--
Taylorville (NY)	--	--	--	2,840	--	--	--	--	--	--	--
Trenton (NY)	--	--	--	12,074	--	--	--	--	--	--	--
Varick (NY)	--	--	--	1,961	--	--	--	--	--	--	--
Waterport (NY)	--	--	--	1,066	--	--	--	--	--	--	--
West, E J (NY)	--	--	--	7,856	--	--	--	--	--	--	--
Yaleville (NY)	--	--	--	324	--	--	--	--	--	--	--
Niles Board Of Public Works	--	--	--	--	--	--	--	--	--	--	--
Niles (MI)	--	--	--	--	--	--	--	--	--	--	--
Nodak Rural Elec Coop Inc	--	--	--	--	--	--	--	--	--	--	--
Mobile (ND)	--	--	--	--	--	--	--	--	--	--	--
Nome Light And Power Utilities	--	2,388	--	--	--	--	--	4	--	--	*
Snake River (AK)	--	2,388	--	--	--	--	--	4	--	--	*
North American Hydro Inc	--	--	--	--	--	--	--	--	--	--	--
Wautoma (WI)	--	--	--	--	--	--	--	--	--	--	--
North Branch Lt & Pwr Comm	--	--	--	--	--	--	--	--	--	--	--
North Branch (MN)	--	--	--	--	--	--	--	--	--	--	--
North Central Power Co Inc	--	--	--	1,165	--	--	--	--	--	--	*
Arpin (WI)	--	--	--	622	--	--	--	--	--	--	--
Radisson (WI)	--	--	--	205	--	--	--	--	--	--	*
Winter (WI)	--	--	--	338	--	--	--	--	--	--	*
North Little Rock City Of	--	--	--	3,017	--	--	--	--	--	--	--
Murray (AR)	--	--	--	3,017	--	--	--	--	--	--	--
Northeast Missouri Elec Pwr Coop	--	--	--	--	--	--	--	--	--	--	--
South River Station (MO)	--	--	--	--	--	--	--	--	--	--	--
Northeast Nuclear Energy Co	--	--	--	--	1,884,132	--	--	--	--	--	--
Millstone (CT)	--	--	--	--	1,884,132	--	--	--	--	--	--
Northern Indiana Public Serv Co	1,111,333	--	17,986	7,767	--	--	559	--	200	1,269	--
Bailey (IN)	269,873	--	442	--	--	--	125	--	5	164	--
Michigan City (IN)	81,559	--	8,870	--	--	--	42	--	100	164	--
Mitchell, Dean H (IN)	158,092	--	2,293	--	--	--	93	--	25	137	--
Norway (IN)	--	--	--	3,094	--	--	--	--	--	--	--
Oakdale (IN)	--	--	--	4,673	--	--	--	--	--	--	--
Schahfer, R. M. (IN)	601,809	--	6,381	--	--	--	300	--	71	804	--
Northern States Power Co	1,317,419	16,474	3,818	121,095	1,168,542	34,671	806	5	51	1,229	169
Apple River (WI)	--	--	--	1,477	--	--	--	--	--	--	--
Bay Front (WI)	140	--	--	--	--	7,732	*	--	--	10	--
Big Falls (WI)	--	--	--	4,925	--	--	--	--	--	--	--
Black Dog (MN)	108,757	--	1,544	--	--	--	75	--	18	55	*
Blue Lake (MN)	--	-32	--	--	--	--	--	*	--	--	17
Cedar Falls (WI)	--	--	--	3,855	--	--	--	--	--	--	--
Chippewa Falls (WI)	--	--	--	9,863	--	--	--	--	--	--	--
Cornell (WI)	--	--	--	12,561	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 States Power Co											
Dells (WI)	--	--	--	4,906	--	--	--	--	--	--	--
Flambeau (WI)	--	--	-16	--	--	--	--	--	--	--	4
French Island (WI)	--	-89	4	--	--	5,390	--	--	*	--	27
Granite City (MN)	--	--	-40	--	--	--	--	--	2	--	4
Hayward (WI)	--	--	--	144	--	--	--	--	--	--	--
Hennepin Island (MN)	--	--	--	5,257	--	--	--	--	--	--	--
High Bridge (MN)	60,673	--	1,624	--	--	--	43	--	10	15	9
Holcombe (WI)	--	--	--	14,196	--	--	--	--	--	--	--
Holland (MN)	--	--	--	--	--	22	--	--	--	--	--
Inver Hills (MN)	--	5	--	--	--	--	--	*	--	--	45
Jir. Falls (WI)	--	--	--	20,506	--	--	--	--	--	--	--
Key City (MN)	--	--	-4	--	--	--	--	--	1	--	3
King (MN)	65,263	11,551	142	--	--	--	38	--	1	162	--
Ladysmith (WI)	--	--	--	1,540	--	--	--	--	--	--	--
Menomonie (WI)	--	--	--	2,648	--	--	--	--	--	--	--
Minnesota Valley (MN)	7,451	18	164	--	--	--	5	*	2	3	*
Monticello (MN)	--	--	--	--	407,504	--	--	--	--	--	--
Pathfinder (SD)	--	--	-112	--	--	--	--	--	--	--	--
Prairie Island (MN)	--	--	--	--	761,038	--	--	--	--	--	--
Redwing (MN)	--	--	84	--	--	11,629	--	--	2	--	--
Riverdale (WI)	--	--	--	351	--	--	--	--	--	--	--
Riverside (MN)	96,698	2,676	389	--	--	--	59	*	4	78	2
Saxon Falls (MI)	--	--	--	1,145	--	--	--	--	--	--	--
Sherburne County (MN)	978,437	2,377	--	--	--	--	585	4	--	906	4
St Croix Falls (WI)	--	--	--	13,711	--	--	--	--	--	--	--
Superior Falls (MI)	--	--	--	1,327	--	--	--	--	--	--	--
Thornapple (WI)	--	--	--	974	--	--	--	--	--	--	--
Trego (WI)	--	--	--	842	--	--	--	--	--	--	--
West Faribault (MN)	--	--	-11	--	--	--	--	--	--	--	--
Wheaton (WI)	--	-32	--	--	--	--	--	1	--	--	54
White River (WI)	--	--	--	561	--	--	--	--	--	--	--
Wilmarth (MN)	--	--	50	--	--	9,898	--	--	1	--	--
Wissota (WI)	--	--	--	20,306	--	--	--	--	--	--	--
Northway Power & Light Inc											
Northway (AK)	--	--	--	--	--	--	--	--	--	--	--
Northwestern Public Service											
Company	--	-24	25	--	--	--	--	*	2	--	19
Aberdeen (SD)	--	-12	--	--	--	--	--	--	--	--	9
Clark (SD)	--	-6	--	--	--	--	--	*	--	--	*
Faulkton (SD)	--	-1	--	--	--	--	--	*	--	--	*
Highmore (SD)	--	-4	--	--	--	--	--	*	--	--	*
Huron (SD)	--	7	27	--	--	--	--	*	1	--	8
Mobile (SD)	--	-6	--	--	--	--	--	--	--	--	*
Redfield (SD)	--	-3	-7	--	--	--	--	*	*	--	*
Webster (SD)	--	-3	--	--	--	--	--	*	--	--	*
Yankton New (SD)	--	4	5	--	--	--	--	*	*	--	1
Northwestern Wisconsin Elec Co											
Black Brook (WI)	--	-11	--	1,392	--	--	--	*	--	--	2
Clam Falls (WI)	--	--	--	251	--	--	--	--	--	--	--
Clam River Dam (WI)	--	--	--	54	--	--	--	--	--	--	--
Danbury (WI)	--	--	--	752	--	--	--	--	--	--	--
Frederic (WI)	--	-2	--	335	--	--	--	*	--	--	1
Grantsburg (WI)	--	-10	--	--	--	--	--	--	--	--	*
Grantsburg (WI)	--	1	--	--	--	--	--	*	--	--	*
Northwood City Of Mun Lt & Pwr											
Northwood (ND)	--	--	--	--	--	--	--	--	--	--	--
Norton City Of											
Norton (KS)	--	8	11	--	--	--	--	*	*	--	1
Norton (KS)	--	8	11	--	--	--	--	*	*	--	1
Norway Electric Light Dept											
Norway (MI)	--	--	--	2,761	--	--	--	--	--	--	--
Norway (MI)	--	--	--	2,761	--	--	--	--	--	--	--
Norwich Dept Of Pub Utils											
Norwich (MI)	--	--	--	1,163	--	--	--	--	--	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Norwich Dept Of Pub Utils											
North Main (CT)	--	--	--	--	--	--	--	--	--	--	1
Occur. (CT)	--	--	--	340	--	--	--	--	--	--	--
10Th Street (CT)	--	--	--	525	--	--	--	--	--	--	--
2Nd Street (CT)	--	--	--	298	--	--	--	--	--	--	--
Nushagak Electric Coop, Inc	--	1,315	--	--	--	--	--	2	--	--	15
Dillingham (AK)	--	1,319	--	--	--	--	--	2	--	--	15
Oakdale & South San Joaquin	--	--	--	84,814	--	--	--	--	--	--	--
Beardsley (CA)	--	--	--	8,081	--	--	--	--	--	--	--
Donnels (CA)	--	--	--	51,816	--	--	--	--	--	--	--
Sand Bar (CA)	--	--	--	12,058	--	--	--	--	--	--	--
Tulloch (CA)	--	--	--	12,859	--	--	--	--	--	--	--
Oakely City Of	--	--	--	--	--	--	--	--	--	--	--
Oakely (KS)	--	--	--	--	--	--	--	--	--	--	--
Oberlin City Of	--	--	--	--	--	--	--	--	--	--	--
Oberlin (KS)	--	--	--	--	--	--	--	--	--	--	--
Oberlin Mun Lt Pwr System	--	16	327	--	--	--	--	*	3	--	*
Oberlin (OH)	--	16	327	--	--	--	--	*	3	--	*
Oconto Electric Coop	--	--	--	740	--	--	--	--	--	--	--
Stiles (WI)	--	--	--	740	--	--	--	--	--	--	--
Odessa City Of	--	5	16	--	--	--	--	*	*	--	1
Odessa (MO)	--	5	16	--	--	--	--	*	*	--	1
Ogden Municipal Utilities	--	7	2	--	--	--	--	*	*	--	*
Ogden (IA)	--	7	2	--	--	--	--	*	*	--	*
Oglethorpe Power Corporation	--	--	--	782	--	--	--	--	--	--	--
Tallassee (GA)	--	--	--	782	--	--	--	--	--	--	--
Ohio Edison Company	1,491,451	2,934	--	--	--	--	634	7	--	1,204	30
Burger, R E (OH)	244,634	215	--	--	--	--	117	*	--	303	2
Edgewater (OH)	--	460	--	--	--	--	--	1	--	1	4
Gorge Steam (OH)	--	--	--	--	--	--	--	--	--	--	--
Mad River (OH)	--	264	--	--	--	--	--	1	--	--	12
Niles (OH)	119,938	172	--	--	--	--	54	1	--	102	8
Sammis (OH)	1,124,640	1,680	--	--	--	--	460	3	--	794	3
Toronto (OH)	2,253	143	--	--	--	--	3	1	--	4	*
West Lorain (OH)	--	--	--	--	--	--	--	--	--	--	--
Ohio Power Co (AEP)	2,937,186	6,857	--	20,999	--	--	1,196	11	--	3,789	72
Gavin, Gen J M (OH)	1,364,003	2,263	--	--	--	--	571	4	--	2,302	29
Kammer (WV)	392,709	121	--	--	--	--	153	*	--	339	2
Mitchell (WV)	594,717	2,920	--	--	--	--	229	5	--	445	33
Muskingum River (OH)	585,757	1,553	--	--	--	--	243	3	--	703	7
Racine (OH)	--	--	--	20,999	--	--	--	--	--	--	--
Tidd (OH)	--	--	--	--	--	--	--	--	--	--	--
Ohio Valley Electric Corporation	644,754	255	--	--	--	--	263	*	--	887	1
Kyger Creek (OH)	644,754	255	--	--	--	--	263	*	--	887	1
Oklahoma Gas & Electric Co	923,762	1,258	520,003	--	--	--	549	3	5,377	1,807	474
Arbuckle (OK)	--	--	--	--	--	--	--	--	--	--	--
Conoco (OK)	--	--	39,675	--	--	--	--	--	385	--	--
Enid (OK)	--	--	68	--	--	--	--	--	1	--	--
Horseshoe Lake (OK)	--	423	97,299	--	--	--	--	1	975	--	79
Muskogee (OK)	624,862	--	376	--	--	--	377	--	11	1,034	41
Mustang (OK)	--	1	79,303	--	--	--	--	*	814	--	14
Seminole (OK)	--	--	303,272	--	--	--	--	--	3,191	--	319
Sooner (OK)	298,900	834	--	--	--	--	172	2	--	773	20
Woodward (OK)	--	--	10	--	--	--	--	--	1	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Omaha Public Power District	453,209	959	4,651	--	312,114	--	296	2	56	566	26
Fort Calhoun (NE)	--	--	--	--	312,114	--	--	--	--	--	--
Jones Street (NE)	--	-3	--	--	--	--	--	*	--	--	17
Nebraska City (NE)	286,352	962	--	--	--	--	180	2	--	327	3
North Omaha (NE)	166,857	--	4,116	--	--	--	116	--	47	239	--
Sarpy (NE)	--	--	535	--	--	--	--	--	9	--	7
Onawa City Of Municipal Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Onawa (IA)	--	--	--	--	--	--	--	--	--	--	--
Opelousas Elec Lt & Wtr Works Plant	--	--	--	--	--	--	--	--	--	--	--
Opelousas (LA)	--	--	--	--	--	--	--	--	--	--	--
Orange And Rockland Utilities, Inc	79,981	2,682	206,672	15,265	--	--	34	5	2,136	75	640
Bowline Point (NY)	--	2,660	198,880	--	--	--	--	5	2,050	--	522
Grahamsville (NY)	--	--	--	10,074	--	--	--	--	--	--	--
Hillburn (NY)	--	--	187	--	--	--	--	--	3	--	2
Lovett (NY)	79,981	2	7,213	--	--	--	34	*	76	75	114
Mongaup (NY)	--	--	--	1,316	--	--	--	--	--	--	--
Rio (NY)	--	--	--	2,541	--	--	--	--	--	--	--
Shoemaker (NY)	--	--	392	--	--	--	--	--	8	--	2
Swinging Bridge 1 (NY)	--	--	--	1,170	--	--	--	--	--	--	--
Swinging Bridge 2 (NY)	--	--	--	164	--	--	--	--	--	--	--
Orange City Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Orange City (IA)	--	--	--	--	--	--	--	--	--	--	--
Orcas Power & Light Company ...	--	--	--	--	--	--	--	--	--	--	--
Eastsound (WA)	--	--	--	--	--	--	--	--	--	--	--
Oregon Trail Elec Coop	--	--	--	319	--	--	--	--	--	--	--
Rock Creek (OR)	--	--	--	319	--	--	--	--	--	--	--
Orlando Utilities Commission	298,742	10,390	125,235	--	--	--	107	18	1,359	37	361
Indian River (FL)	--	10,311	125,235	--	--	--	--	18	1,359	--	355
Stanton (FL)	298,742	79	--	--	--	--	107	*	--	37	6
Oroville Wyandotte Irrig Dist	--	--	--	88,612	--	--	--	--	--	--	--
Forbestown (CA)	--	--	--	27	--	--	--	--	--	--	--
Kelly Ridge (CA)	--	--	--	--	--	--	--	--	--	--	--
Sly Creek (CA)	--	--	--	3	--	--	--	--	--	--	--
Woodleaf (CA)	--	--	--	44,540	--	--	--	--	--	--	--
Orrville Mun Utilities	27,915	--	7	--	--	--	18	--	*	2	--
Orrville (OH)	27,915	--	7	--	--	--	18	--	*	2	--
Osage Mun Utilities	--	9	5	--	--	--	--	*	*	--	1
Osage (KS)	--	9	5	--	--	--	--	*	*	--	1
Osage Municipal Utilities	--	--	--	--	--	--	--	--	--	--	2
Osage (IA)	--	--	--	--	--	--	--	--	--	--	2
Osawatomie City Of	--	--	--	--	--	--	--	--	--	--	*
Osawatomie (KS)	--	--	--	--	--	--	--	--	--	--	*
Osborne City Of	--	18	--	--	--	--	--	*	--	--	*
Osborne (KS)	--	18	--	--	--	--	--	*	--	--	*
Osceola City Of	--	--	--	--	--	--	--	--	--	--	--
Osceola (AR)	--	--	--	--	--	--	--	--	--	--	--
Ottawa Water & Light Dept	--	9	10	--	--	--	--	*	1	--	1
Ottawa (KS)	--	9	10	--	--	--	--	*	1	--	1
Otter Tail Power Company	245,355	160	--	2,406	--	--	211	*	--	274	18

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 Company											
Bemidji (MN)	--	--	--	290	--	--	--	--	--	--	--
Big Stone (SD)	215,829	50	--	--	--	--	194	*	--	267	7
Dayton Hollow (MN)	--	--	--	676	--	--	--	--	--	--	--
Hoot Lake (MN)	29,526	95	--	356	--	--	18	*	--	7	*
Jamestown (ND)	--	11	--	--	--	--	--	*	--	--	8
Lake Preston (SD)	--	4	--	--	--	--	--	*	--	--	3
Pisgah (MN)	--	--	--	430	--	--	--	--	--	--	--
Port 148 (MN)	--	--	--	--	--	--	--	--	--	--	--
Taplin Gorge (MN)	--	--	--	340	--	--	--	--	--	--	--
Wright (MN)	--	--	--	314	--	--	--	--	--	--	--
Ottumwa Wtr Wrks & Hydro El Pl											
Ottumwa (IA)	--	--	--	--	--	--	--	--	--	--	--
Owatonna Municipal Public											
Utilities	--	--	26	--	--	--	--	--	*	--	--
Owatonna (MN)	--	--	26	--	--	--	--	--	*	--	--
Owensboro Municipal Utilities											
Elmer Smith (KY)	87,253	61	--	--	--	--	42	*	--	101	1
.....	87,253	51	--	--	--	--	42	*	--	101	1
Owensville Municipal Utilities											
Owensville (MO)	--	3	--	--	--	--	--	*	--	--	1
.....	--	3	--	--	--	--	--	*	--	--	1
Oxford Mun Lt & Pwr Plant											
Oxford (NE)	--	--	--	--	--	--	--	*	--	--	*
Pacific Gas & Electric Company ..											
* Central Storage *	--	265	384,108	1,428,485	1,502,330	486,897	--	1	4,681	--	7,279
Alta (CA)	--	--	--	427	--	--	--	--	--	--	84
Angels (CA)	--	--	--	714	--	--	--	--	--	--	--
Balch 1 (CA)	--	--	--	26,868	--	--	--	--	--	--	--
Balch 2 (CA)	--	--	--	80,119	--	--	--	--	--	--	--
Belden (CA)	--	--	--	6,258	--	--	--	--	--	--	--
Black, James B (CA)	--	--	--	83,296	--	--	--	--	--	--	--
Bucks Creek (CA)	--	--	--	43,175	--	--	--	--	--	--	--
Butt Valley (CA)	--	--	--	-59	--	--	--	--	--	--	--
Caribou 1 (CA)	--	--	--	-86	--	--	--	--	--	--	--
Caribou 2 (CA)	--	--	--	12,845	--	--	--	--	--	--	--
Centerville (CA)	--	--	--	4,545	--	--	--	--	--	--	--
Chili Bar (CA)	--	--	--	6,021	--	--	--	--	--	--	--
Coal Canyon (CA)	--	--	--	681	--	--	--	--	--	--	--
Coleman (CA)	--	--	--	8,582	--	--	--	--	--	--	--
Contra Costa (CA)	--	--	952	--	--	--	--	--	35	--	695
Cow Creek (CA)	--	--	--	1,525	--	--	--	--	--	--	--
Crane Valley (CA)	--	--	--	624	--	--	--	--	--	--	--
Cresta (CA)	--	--	--	53,529	--	--	--	--	--	--	--
De Sabla (CA)	--	--	--	14,657	--	--	--	--	--	--	--
Deer Creek (CA)	--	--	--	--	--	--	--	--	--	--	--
Diablo Canyon (CA)	--	--	--	--	1,502,330	--	--	--	--	--	--
Downieville (CA)	--	-5	--	--	--	--	--	--	--	--	*
Drum 1 (CA)	--	--	--	20,988	--	--	--	--	--	--	--
Drum 2 (CA)	--	--	--	30,494	--	--	--	--	--	--	--
Dutch Flat (CA)	--	--	--	10,902	--	--	--	--	--	--	--
El Dorado (CA)	--	--	--	-22	--	--	--	--	--	--	--
Electra (CA)	--	--	--	56,074	--	--	--	--	--	--	--
Haas (CA)	--	--	--	103,906	--	--	--	--	--	--	--
Halsey (CA)	--	--	--	6,717	--	--	--	--	--	--	--
Hamilton Branch (CA)	--	--	--	3,561	--	--	--	--	--	--	--
Hat Creek 1 (CA)	--	--	--	2,400	--	--	--	--	--	--	--
Hat Creek 2 (CA)	--	--	--	3,660	--	--	--	--	--	--	--
Helms (CA)	--	--	--	-66,297	--	--	--	--	--	--	--
Humbolt Bay (CA)	--	96	4,389	--	--	--	--	*	91	--	94
Hunters Point (CA)	--	-13	37,451	--	--	--	--	--	456	--	309
Inskip (CA)	--	--	--	5,717	--	--	--	--	--	--	--
Kerckhoff (CA)	--	--	--	11,803	--	--	--	--	--	--	--
Kerckhoff 2 (CA)	--	--	--	111,462	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 Company											
Kern (CA)	--	--	--	--	--	--	--	--	--	--	--
Kern Canyon (CA)	--	--	--	8,860	--	--	--	--	--	--	--
Kilarc (CA)	--	--	--	2,433	--	--	--	--	--	--	--
Kings River (CA)	--	--	--	38,122	--	--	--	--	--	--	--
Lime Saddle (CA)	--	--	--	992	--	--	--	--	--	--	--
Merced Falls (CA)	--	--	--	2,195	--	--	--	--	--	--	--
Mobile Turbine (CA)	--	--	--	--	--	--	--	--	--	--	--
Morro Bay (CA)	--	--	38,382	--	--	--	--	--	483	--	1,052
Moss Landing (CA)	--	--	96,725	--	--	--	--	--	1,174	--	2,503
Murphys (CA)	--	--	--	2,625	--	--	--	--	--	--	--
Narrows (CA)	--	--	--	8,508	--	--	--	--	--	--	--
Newcastle (CA)	--	--	--	2,522	--	--	--	--	--	--	--
Oak Flat (CA)	--	--	--	816	--	--	--	--	--	--	--
Oakland (CA)	--	-82	--	--	--	--	--	--	--	--	32
Phoenix (CA)	--	--	--	1,505	--	--	--	--	--	--	--
Pit 1 (CA)	--	--	--	30,694	--	--	--	--	--	--	--
Pit 3 (CA)	--	--	--	46,947	--	--	--	--	--	--	--
Pit 4 (CA)	--	--	--	63,739	--	--	--	--	--	--	--
Pit 5 (CA)	--	--	--	105,585	--	--	--	--	--	--	--
Pit 6 (CA)	--	--	--	45,470	--	--	--	--	--	--	--
Pit 7 (CA)	--	--	--	62,511	--	--	--	--	--	--	--
Pittsburg (CA)	--	--	139,610	--	--	--	--	--	1,765	--	2,224
Poe (CA)	--	--	--	91,484	--	--	--	--	--	--	--
Potrero (CA)	--	269	66,599	--	--	--	--	1	678	--	285
Potter Valley (CA)	--	--	--	6,570	--	--	--	--	--	--	--
PVUSA 1 (CA)	--	--	--	--	--	90	--	--	--	--	--
Rock Creek (CA)	--	--	--	83,450	--	--	--	--	--	--	--
Salt Springs (CA)	--	--	--	32,368	--	--	--	--	--	--	--
San Joaquin No. 1a (CA)	--	--	--	270	--	--	--	--	--	--	--
San Joaquin No. 2 (CA)	--	--	--	2,287	--	--	--	--	--	--	--
San Joaquin 3 (CA)	--	--	--	3,162	--	--	--	--	--	--	--
South (CA)	--	--	--	5,254	--	--	--	--	--	--	--
Spaulding No. 1 (CA)	--	--	--	5,573	--	--	--	--	--	--	--
Spaulding No. 2 (CA)	--	--	--	2,565	--	--	--	--	--	--	--
Spaulding No. 3 (CA)	--	--	--	4,626	--	--	--	--	--	--	--
Spring Gap (CA)	--	--	--	4,860	--	--	--	--	--	--	--
Stanislaus (CA)	--	--	--	41,608	--	--	--	--	--	--	--
The Geysers (CA)	--	--	--	--	--	486,807	--	--	--	--	--
Tiger Creek (CA)	--	--	--	29,879	--	--	--	--	--	--	--
Toadtown (CA)	--	--	--	1,081	--	--	--	--	--	--	--
Tule River (CA)	--	--	--	4,565	--	--	--	--	--	--	--
Volta (CA)	--	--	--	6,552	--	--	--	--	--	--	--
Volta 2 (CA)	--	--	--	763	--	--	--	--	--	--	--
West Point (CA)	--	--	--	10,020	--	--	--	--	--	--	--
Wise (CA)	--	--	--	9,855	--	--	--	--	--	--	--
Wise 2 (CA)	--	--	--	--	--	--	--	--	--	--	--
Wishon, A G (CA)	--	--	--	13,083	--	--	--	--	--	--	--
PacifiCorp	3,028,260	7,183	36,424	558,673	--	16,717	1,691	13	458	3,708	40
American Fork (UT)	--	--	--	194	--	--	--	--	--	--	--
Ashton (ID)	--	--	--	5,329	--	--	--	--	--	--	--
Beaver Upper (UT)	--	--	--	1,718	--	--	--	--	--	--	--
Bend (OR)	--	--	--	555	--	--	--	--	--	--	--
Big Fork (MT)	--	--	--	2,927	--	--	--	--	--	--	--
Blundell (UT)	--	--	--	--	--	16,717	--	--	--	--	--
Bridger, Jim (WY)	583,099	4,118	--	--	--	--	326	7	--	639	17
Carbon (UT)	86,393	84	--	--	--	--	41	*	--	57	*
Centralia (WA)	140,250	911	--	--	--	--	90	2	--	758	4
Clearwater 1 (OR)	--	--	--	6,925	--	--	--	--	--	--	--
Clearwater 2 (OR)	--	--	--	11,099	--	--	--	--	--	--	--
Cline Falls (OR)	--	--	--	--	--	--	--	--	--	--	--
Condit (WA)	--	--	--	10,884	--	--	--	--	--	--	--
Copco 1 (CA)	--	--	--	12,772	--	--	--	--	--	--	--
Copco 2 (CA)	--	--	--	15,864	--	--	--	--	--	--	--
Cove (ID)	--	--	--	3,743	--	--	--	--	--	--	--
Cutler (UT)	--	--	--	20,867	--	--	--	--	--	--	--
Eagle Point (OR)	--	--	--	1,439	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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											
East Side (OR)	--	--	--	1,221	--	--	--	--	--	--	--
Fall Creek (CA)	--	--	--	1,022	--	--	--	--	--	--	--
Fish Creek (OR)	--	--	--	8,766	--	--	--	--	--	--	--
Ftn Green (UT)	--	--	--	78	--	--	--	--	--	--	--
Gadsby (UT)	--	--	26,350	--	--	--	--	--	303	--	--
Grace (ID)	--	--	--	18,007	--	--	--	--	--	--	--
Granite (UT)	--	--	--	578	--	--	--	--	--	--	--
Hunter (emery) (UT)	724,643	765	--	--	--	--	340	1	--	951	6
Huntington Canyon (UT)	527,395	496	--	--	--	--	232	1	--	745	2
Hydro No. 1 (UT)	--	--	--	387	--	--	--	--	--	--	--
Hydro No. 2 (UT)	--	--	--	191	--	--	--	--	--	--	--
Hydro No. 3 (UT)	--	--	--	367	--	--	--	--	--	--	--
Iron Gate (CA)	--	--	--	12,384	--	--	--	--	--	--	--
John C. Bowie (OR)	--	--	--	40,202	--	--	--	--	--	--	--
Johnston, Dave (WY)	526,645	545	--	--	--	--	373	1	--	198	3
Last Chance (UT)	--	--	--	627	--	--	--	--	--	--	--
Lemolo 1 (OR)	--	--	--	17,907	--	--	--	--	--	--	--
Lemolo 2 (OR)	--	--	--	24,233	--	--	--	--	--	--	--
Little Mountain (UT)	--	--	9,413	--	--	--	--	--	148	--	1
Merwin (WA)	--	--	--	53,929	--	--	--	--	--	--	--
Naches (WA)	--	--	--	1,560	--	--	--	--	--	--	--
Naches Drop (WA)	--	--	--	673	--	--	--	--	--	--	--
Naughton (WY)	199,300	179	661	--	--	--	109	*	7	361	1
Olmstead (UT)	--	--	--	6,035	--	--	--	--	--	--	--
Oneida (ID)	--	--	--	8,429	--	--	--	--	--	--	--
Paris (ID)	--	--	--	293	--	--	--	--	--	--	--
Pioneer (UT)	--	--	--	3,599	--	--	--	--	--	--	--
Powerdale (OR)	--	--	--	4,942	--	--	--	--	--	--	--
Prospect 1 (OR)	--	--	--	3,387	--	--	--	--	--	--	--
Prospect 2 (OR)	--	--	--	23,742	--	--	--	--	--	--	--
Prospect 3 (OR)	--	--	--	4,718	--	--	--	--	--	--	--
Prospect 4 (OR)	--	--	--	632	--	--	--	--	--	--	--
Skookumchuck (WA)	--	--	--	48	--	--	--	--	--	--	--
Slide Creek (OR)	--	--	--	13,240	--	--	--	--	--	--	--
Snake Creek (UT)	--	--	--	334	--	--	--	--	--	--	--
Soda (ID)	--	--	--	3,021	--	--	--	--	--	--	--
Soda Springs (OR)	--	--	--	8,593	--	--	--	--	--	--	--
St. Anthony (ID)	--	--	--	183	--	--	--	--	--	--	--
Stairs (UT)	--	--	--	643	--	--	--	--	--	--	--
Stayton (OR)	--	--	--	--	--	--	--	--	--	--	--
Swift No. 2 (WA)	--	--	--	23,702	--	--	--	--	--	--	--
Swift 1 (WA)	--	--	--	78,966	--	--	--	--	--	--	--
Toketæe (OR)	--	--	--	31,227	--	--	--	--	--	--	--
Viva (WY)	--	--	--	95	--	--	--	--	--	--	--
Wallowa Falls (OR)	--	--	--	352	--	--	--	--	--	--	--
Weber (UT)	--	--	--	2,389	--	--	--	--	--	--	--
West Side (OR)	--	--	--	33	--	--	--	--	--	--	--
Wyodak (WY)	240,535	85	--	--	--	--	179	*	--	--	5
Yale (WA)	--	--	--	63,622	--	--	--	--	--	--	--
Painesville Mun Lt Plant											
Painesville (OH)	12,447	46	132	--	--	--	8	*	2	2	2
	12,447	46	132	--	--	--	8	*	2	2	2
Palmyra City Of Bd Of Pub Works											
Palmyra (MO)	--	6	8	--	--	--	--	*	*	--	*
Palmyra 2 (MO)	--	6	8	--	--	--	--	*	*	--	*
	--	--	--	--	--	--	--	--	--	--	--
Paragould Light Plant Comm											
Paragould (AR)	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--
Paris Light & Power Dept											
Paris (KY)	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--
Parowan City Corporation											
Center Creek (UT)	--	--	--	415	--	--	--	--	--	--	--
Paragonah (UT)	--	--	--	236	--	--	--	--	--	--	--
	--	--	--	179	--	--	--	--	--	--	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	Other ¹	Coal (short tons)	Petroleum (bbls)	Gas (Mcf)	Coal (short tons)	Petroleum (bbls)
Pasadena City Of Wtr & Pwr											
Dept	--	--	20,273	1,255	--	--	--	--	239	--	119
Azusa (CA)	--	--	--	1,255	--	--	--	--	--	--	--
Broadway (CA)	--	--	20,334	--	--	--	--	--	239	--	105
Glenarm (CA)	--	--	-61	--	--	--	--	--	--	--	14
Pattonsburg Mun Light Plant	--	--	--	--	--	--	--	--	--	--	--
Pattonsburg (MO)	--	--	--	--	--	--	--	--	--	--	--
Paullina Mun Light Plant	--	--	--	--	--	--	--	--	--	--	--
Paullina (IA)	--	--	--	--	--	--	--	--	--	--	--
Pawhuska Light & Water Plant	--	--	--	--	--	--	--	--	--	--	--
Pawhuska (OK)	--	--	--	--	--	--	--	--	--	--	--
Peabody Mun Light Plant	--	--	51	--	--	--	--	--	1	--	4
Waters River (MA)	--	--	51	--	--	--	--	--	1	--	4
Pelican Utility Company	--	46	--	316	--	--	--	*	--	--	*
Pelican (AK)	--	46	--	316	--	--	--	*	--	--	*
Pella Municipal Power & Light	5,599	--	7	--	--	--	2	--	*	1	--
Pella (IA)	5,599	--	7	--	--	--	2	--	*	1	--
Pend Oreille County P U D No 1 ..	--	--	--	42,989	--	--	--	--	--	--	--
Box Canyon (WA)	--	--	--	42,622	--	--	--	--	--	--	--
Calispel Creek (WA)	--	--	--	367	--	--	--	--	--	--	--
Pender Mun Light Plant	--	--	--	--	--	--	--	--	--	--	*
Pender (NE)	--	--	--	--	--	--	--	--	--	--	*
Pennsylvania Electric Co (GPS) ...	2,713,415	12,478	668	-1,317	--	--	1,060	22	7	3,198	47
Benton (PA)	--	25	--	--	--	--	--	*	--	--	*
Blossburg (PA)	--	--	82	--	--	--	--	--	1	--	--
Conemaugh (PA)	1,147,818	61	411	--	--	--	424	*	4	666	7
Deep Creek (MD)	--	--	--	556	--	--	--	--	--	--	--
Homer City (PA)	704,995	3,892	--	--	--	--	276	6	--	1,292	7
Keystone (PA)	431,544	5,297	--	--	--	--	180	9	--	1,000	6
Piney (PA)	--	--	--	3,827	--	--	--	--	--	--	--
Seneca (PA)	--	--	--	-5,700	--	--	--	--	--	--	--
Seward (PA)	83,474	234	--	--	--	--	34	*	--	105	1
Shawville (PA)	314,853	2,946	--	--	--	--	129	5	--	107	10
Warren (PA)	30,731	119	175	--	--	--	17	*	2	28	*
Wayne (PA)	--	-96	--	--	--	--	--	--	--	--	16
Pennsylvania Power & Light Co ...	1,163,446	131,176	--	63,915	1,516,847	--	479	221	--	7,735	955
* Central Storage *	--	--	--	--	--	--	--	--	--	4,833	--
Allentown (PA)	--	8	--	--	--	--	--	*	--	--	4
Brunner Island (PA)	455,389	2,135	--	--	--	--	170	7	--	917	4
Fishbach (PA)	--	--	--	--	--	--	--	--	--	--	2
Harrisburg (PA)	--	--	--	--	--	--	--	--	--	--	4
Harwood (PA)	--	--	--	--	--	--	--	--	--	--	2
Holtwood (PA)	10,639	3,964	--	60,128	--	--	7	1	--	105	*
Jenkins (PA)	--	--	--	--	--	--	--	--	--	--	2
Loch Haven (PA)	--	--	--	--	--	--	--	--	--	--	2
Martins Creek (PA)	39,567	109,467	--	--	--	--	14	212	--	68	913
Montour (PA)	468,831	6	--	--	--	--	177	1	--	924	10
Sunbury (PA)	189,020	15,596	--	--	--	--	111	1	--	889	6
Susquehanna (PA)	--	--	--	--	1,516,847	--	--	--	--	--	--
Wallenpaupack (PA)	--	--	--	3,787	--	--	--	--	--	--	--
West Shore (PA)	--	--	--	--	--	--	--	--	--	--	2
Williamsport (PA)	--	--	--	--	--	--	--	--	--	--	2
Pennsylvania Power Co	1,289,365	2,500	--	--	--	--	533	4	--	1,240	45
Mansfield, Bruce (PA)	1,170,684	2,298	--	--	--	--	480	4	--	1,130	44
New Castle (PA)	118,681	202	--	--	--	--	53	*	--	111	1
Peru City Of Mun Pwr Plant	--	-14	--	--	--	--	--	*	--	--	1
Peru (IL)	--	-14	--	--	--	--	--	*	--	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 (bbbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbbls)
Peru Utilities	--	--	--	--	--	--	--	--	--	.	.
Peru (IN)	--	--	--	--	--	--	--	--	--	.	.
Petersburg Municipal Light & Power	--	24	--	1,342	--	--	--	.	--	--	.
Petersburg (AK)	--	24	--	1,342	--	--	--	.	--	--	.
Philadelphia Electric Company	72,282	11,540	16,108	115,844	3,085,042	--	30	28	190	262	402
* Central Storage *	--	--	--	--	--	--	--	--	--	--	15
Chester (PA)	--	152	--	--	--	--	--	.	--	--	5
Conowingo (MD)	--	--	--	178,921	--	--	--	--	--	--	--
Cromby (PA)	47	3,318	11,355	--	--	--	.	7	148	47	42
Croydon (PA)	--	-217	--	--	--	--	--	.	--	--	57
Delaware (PA)	--	5,225	--	--	--	--	--	12	--	--	66
Eddystone (PA)	72,235	425	4,753	--	--	--	30	1	42	215	162
Falls (PA)	--	--	--	--	--	--	--	--	--	--	7
Limerick (PA)	--	--	--	--	1,525,042	--	--	--	--	--	--
Moser (PA)	--	160	--	--	--	--	--	.	--	--	8
Muddy Run (PA)	--	--	--	-63,077	--	--	--	--	--	--	--
Peach Bottom (PA)	--	--	--	--	1,560,000	--	--	--	--	--	--
Richmond (PA)	--	23	--	--	--	--	--	.	--	--	32
Schuylkill (PA)	--	2,342	--	--	--	--	--	6	--	--	4
Southwark (PA)	--	112	--	--	--	--	--	.	--	--	6
Piggott Public Improvement Dist 1	--	--	--	--	--	--	--	--	--	--	.
Piggott (AR)	--	--	--	--	--	--	--	--	--	--	.
Piqua Municipal Power System	1,444	186	--	--	--	--	2	1	--	1	3
Piqua (OH)	1,444	186	--	--	--	--	2	1	--	1	3
Placer County Water Agency	--	--	--	107,976	--	--	--	--	--	--	--
French Meadows (CA)	--	--	--	7,220	--	--	--	--	--	--	--
Hell Hole (WA)	--	--	--	--	--	--	--	--	--	--	--
Middle Fork (CA)	--	--	--	53,969	--	--	--	--	--	--	--
Oxbow (CA)	--	--	--	3,705	--	--	--	--	--	--	--
Ralston (CA)	--	--	--	43,082	--	--	--	--	--	--	--
Plains Elec Gen & Trans Coop, Inc	64,652	--	626	--	--	--	38	--	8	149	9
Algodones (NM)	--	--	--	--	--	--	--	--	--	--	--
Escalante (NM)	64,652	--	626	--	--	--	38	--	8	149	9
Plainview Municipal Power Plant .	--	--	--	--	--	--	--	--	--	--	--
Plainview (NE)	--	--	--	--	--	--	--	--	--	--	--
Plaquemine Lt & Wtr Plant	--	--	183	--	--	--	--	--	3	--	--
Plaquemine (LA)	--	--	183	--	--	--	--	--	3	--	--
Platte River Power Auth	156,165	116	--	--	--	--	95	.	--	175	4
Rawhide (CO)	156,165	116	--	--	--	--	95	.	--	175	4
Ponca City Mun Wtr & Lt Dept	--	2	20	--	--	--	--	.	.	--	1
Ponca Steam (OK)	--	--	--	--	--	--	--	--	--	--	--
Ponca Steam (OK)	--	2	20	--	--	--	--	.	.	--	1
Portland City Of Electric Dept	--	--	--	138	--	--	--	--	--	--	--
Jenkins, Frank (MI)	--	--	--	--	--	--	--	--	--	--	--
Portland (MI)	--	--	--	138	--	--	--	--	--	--	--
Portland General Electric Company	72,843	116	--	279,138	-3,469	--	34	.	--	555	240
Beaver (OR)	--	--	--	--	--	--	--	--	--	--	210
Bethel (OR)	--	--	--	--	--	--	--	--	--	--	16
Boardman (OR)	72,843	116	--	--	--	--	34	.	--	555	13
Bull Run (OR)	--	--	--	14,553	--	--	--	--	--	--	--
Faraday (OR)	--	--	--	24,626	--	--	--	--	--	--	--
North Fork (OR)	--	--	--	28,286	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Portland General Electric Company											
Oak Grove (OR)	--	--	--	27,528	--	--	--	--	--	--	--
Pelton (OR)	--	--	--	43,228	--	--	--	--	--	--	--
Pelton Re Regulation (OR)	--	--	--	7,180	--	--	--	--	--	--	--
Portland Hydro Proj 1 (OR)	--	--	--	10,736	--	--	--	--	--	--	--
Portland Hydro Proj 2 (OR)	--	--	--	--	--	--	--	--	--	--	--
River Mill (OR)	--	--	--	14,356	--	--	--	--	--	--	--
Round Butte (OR)	--	--	--	97,431	--	--	--	--	--	--	--
Sullivan (OR)	--	--	--	11,214	--	--	--	--	--	--	--
Summit (OR)	--	--	--	--	--	--	--	--	--	--	--
Trojan (OR)	--	--	--	--	-3,469	--	--	--	--	--	--
Potomac Edison Co (APS)	-326	--	--	3,394	--	--	1	--	--	57	1
Dam 4 (WV)	--	--	--	538	--	--	--	--	--	--	--
Dam 5 (WV)	--	--	--	356	--	--	--	--	--	--	--
Harpers Ferry (WV)	--	--	--	--	--	--	--	--	--	--	--
Luray (VA)	--	--	--	1,062	--	--	--	--	--	--	--
Millville (WV)	--	--	--	601	--	--	--	--	--	--	--
Newport (VA)	--	--	--	--	--	--	--	--	--	--	--
Shenandoah (VA)	--	--	--	407	--	--	--	--	--	--	--
Smith, R P (MD)	-326	--	--	--	--	--	1	--	--	57	1
Warren (VA)	--	--	--	430	--	--	--	--	--	--	--
Potomac Electric Power Co	1,275,223	78,767	14,225	--	--	--	485	158	193	1,348	988
Benning (DC)	--	-468	--	--	--	--	--	--	--	--	97
Buzzard Point (DC)	--	-186	--	--	--	--	--	--	--	--	19
Chalk Point (MD)	344,307	50,339	10,253	--	--	--	132	112	142	464	613
Dickerson (MD)	244,822	2,963	3,972	--	--	--	92	6	51	328	45
Morgantown (MD)	521,836	24,599	--	--	--	--	193	37	--	421	213
Potomac River (VA)	164,258	1,520	--	--	--	--	69	3	--	134	1
Power Authority Of The State Of NY											
Ashokan (NY)	--	153	150,614	2,019,405	363,285	--	--	--	1,678	--	--
Blenheim (NY)	--	--	--	2,256	--	--	--	--	--	--	--
Crescent (NY)	--	--	--	-84,848	--	--	--	--	--	--	--
Fitzpatrick (NY)	--	--	--	5,179	--	--	--	--	--	--	--
Hinckley (NY)	--	--	--	--	363,285	--	--	--	--	--	--
Indian Point (NY)	--	--	--	3,537	--	--	--	--	--	--	--
Kensico (NY)	--	--	--	662	--	--	--	--	--	--	--
Lewiston (NY)	--	--	--	-30,101	--	--	--	--	--	--	--
Moses Niagara (NY)	--	--	--	1,391,662	--	--	--	--	--	--	--
Moses Power Dam (NY)	--	--	--	725,950	--	--	--	--	--	--	--
Poletti (NY)	--	153	150,614	--	--	--	--	--	1,678	--	--
Vischer Ferry (NY)	--	--	--	5,108	--	--	--	--	--	--	--
Pratt City Of	--	--	2,887	--	--	--	--	--	39	--	2
Pratt (KS)	--	--	2,887	--	--	--	--	--	39	--	2
Preston Public Utilities Comm	--	-13	--	--	--	--	--	--	--	--	--
Preston (MN)	--	-13	--	--	--	--	--	--	--	--	--
Preston, Town Of Mun Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Preston (IA)	--	--	--	--	--	--	--	--	--	--	--
Primghar Municipal Lt Plant	--	--	--	--	--	--	--	--	--	--	--
Primghar (IA)	--	--	--	--	--	--	--	--	--	--	--
Princeton Mun Pwr & Lt Plant	--	14	--	--	--	--	--	--	--	--	--
Princeton (MN)	--	14	--	--	--	--	--	--	--	--	--
Princeton Municipal Utilities	--	--	--	--	--	--	--	--	--	--	1
Princeton (IL)	--	--	--	--	--	--	--	--	--	--	1
Providence Lt & Wtr	--	--	--	--	--	--	--	--	--	--	--
Providence (RI)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 (bbbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbbls)
Provo City Corporation Dept Of											
Util	--	--	19	--	--	--	--	--	*	--	1
Provo (UT)	--	--	19	--	--	--	--	--	*	--	1
Public Serv Co Of Oklahoma											
(CSW)	442,853	13	476,486	--	--	--	261	*	4,658	591	98
Comanche (OK)	--	--	138,200	--	--	--	--	--	1,121	--	*
Northeastern (OK)	442,853	6	7,288	--	--	--	261	*	99	591	1
Riverside (OK)	--	2	287,990	--	--	--	--	*	2,942	--	46
Southwestern (OK)	--	5	43,006	--	--	--	--	*	496	--	50
Tulsa (OK)	--	--	--	--	--	--	--	--	--	--	*
Weleetka (OK)	--	--	2	--	--	--	--	--	--	--	*
Public Service Co Of Colorado	1,146,676	723	8,856	16,387	--	--	624	1	102	2,098	94
Alamosa (CO)	--	--	-18	--	--	--	--	--	--	--	6
Ames (CO)	--	--	--	2,001	--	--	--	--	--	--	--
Arapahoe (CO)	105,432	--	257	--	--	--	55	--	3	70	--
Boulder Hydro (CO)	--	--	--	1,654	--	--	--	--	--	--	--
Cabin Creek (CO)	--	--	--	-3,750	--	--	--	--	--	--	--
Cameo (CO)	45,125	1	134	--	--	--	23	*	1	37	*
Cherokee (CO)	333,420	--	4,724	--	--	--	153	--	50	378	*
Comanche (CO)	165,844	--	1,234	--	--	--	102	--	13	425	3
Fort Lupton (CO)	--	--	-36	--	--	--	--	--	--	--	14
Fruita (CO)	--	1	171	--	--	--	--	*	3	--	*
Georgetown Hydro (CO)	--	--	--	662	--	--	--	--	--	--	--
Hayden (CO)	140,738	721	213	--	--	--	71	1	2	680	1
Palisade Hydro (CO)	--	--	--	1,559	--	--	--	--	--	--	--
Pawnee (CO)	298,191	--	69	--	--	--	194	--	1	397	8
Salida No. 1 Hydro (CO)	--	--	--	511	--	--	--	--	--	--	--
Salida No. 2 Hydro (CO)	--	--	--	348	--	--	--	--	--	--	--
Shoshone Hydro (CO)	--	--	--	10,912	--	--	--	--	--	--	--
Tacoma (CO)	--	--	--	2,490	--	--	--	--	--	--	--
Valmont (CO)	57,926	--	1,432	--	--	--	27	--	15	111	10
Zuni (CO)	--	--	676	--	--	--	--	--	13	--	53
Public Service Co Of New											
Hampshire	117,455	23,272	7,570	29,223	767,137	--	48	44	91	430	582
Amoskeag (NH)	--	--	--	8,137	--	--	--	--	--	--	--
Ayers Island (NH)	--	--	--	3,613	--	--	--	--	--	--	--
Canaan (VT)	--	--	--	656	--	--	--	--	--	--	--
Eastman Falls (NH)	--	--	--	2,531	--	--	--	--	--	--	--
Garvins Falls (NH)	--	--	--	4,050	--	--	--	--	--	--	--
Gorham (NH)	--	--	--	1,047	--	--	--	--	--	--	--
Hooksett (NH)	--	--	--	1,120	--	--	--	--	--	--	--
Jackman (NH)	--	--	--	187	--	--	--	--	--	--	--
Lost Nation (NH)	--	-7	--	--	--	--	--	--	--	--	2
Merrimack (NH)	82,129	4	--	--	--	--	31	*	--	350	3
Newington (NH)	--	21,132	7,570	--	--	--	--	40	91	--	499
Schiller (NH)	35,326	2,147	--	--	--	--	16	4	--	80	76
Seabrook (NH)	--	--	--	--	767,137	--	--	--	--	--	--
Smith (NH)	--	--	--	7,882	--	--	--	--	--	--	--
Swans Falls (ME)	--	-1	--	--	--	--	--	--	--	--	*
White Lake (NH)	--	-3	--	--	--	--	--	--	--	--	2
Public Service Co Of New											
Mexico	498,534	1,684	-247	--	--	--	337	4	--	729	35
Las Vegas (NM)	--	-11	--	--	--	--	--	--	--	--	4
Person (NM)	--	--	--	--	--	--	--	--	--	--	--
Reeves (NM)	--	--	-247	--	--	--	--	--	--	--	--
San Juan (NM)	498,534	1,695	--	--	--	--	337	4	--	729	30
Public Service Elec And Gas Co	211,734	6,819	79,738	--	1,384,058	--	80	27	1,024	714	595
Bayonne (NJ)	--	-14	--	--	--	--	--	--	--	--	3
Bergen (NJ)	--	--	32,479	--	--	--	--	--	419	--	1
Burlington (NJ)	--	-665	--	--	--	--	--	1	--	--	104
Edison (NJ)	--	8,570	954	--	--	--	--	21	13	--	10
Essex (NJ)	--	95	10,133	--	--	--	--	*	129	--	35
Hope Creek (NJ)	--	--	--	--	619,448	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Public Service Elec And Gas Co											
Hudson (NJ)	64,378	485	11,162	--	--	--	28	1	122	279	96
Kearny (NJ)	--	887	679	--	--	--	--	4	16	--	52
Linden (NJ)	--	-2,529	-33	--	--	--	--	*	1	--	210
Mercer (NJ)	147,356	-42	6,304	--	--	--	53	--	75	434	--
National Park (NJ)	--	4	--	--	--	--	--	*	--	--	2
Salem (NJ)	--	-4	--	--	764,610	--	--	*	--	--	12
Sewaren (NJ)	--	32	18,060	--	--	--	--	*	247	--	70
Puget Sound Power & Light Company	--	-43	--	175,344	--	--	--	*	--	--	345
Crystal Mountain (WA)	--	3	--	--	--	--	--	*	--	--	1
Electron (WA)	--	--	--	15,170	--	--	--	--	--	--	--
Frederickson (WA)	--	--	--	--	--	--	--	--	--	--	93
Fredonia (WA)	--	--	--	--	--	--	--	--	--	--	100
Lower Baker (WA)	--	--	--	44,700	--	--	--	--	--	--	--
Nooksack (WA)	--	--	--	1,045	--	--	--	--	--	--	--
Shuffleton (WA)	--	-46	--	--	--	--	--	--	--	--	*
Snoqualmie (WA)	--	--	--	30,820	--	--	--	--	--	--	--
South Whidbey (WA)	--	--	--	--	--	--	--	--	--	--	10
Upper Baker (WA)	--	--	--	51,654	--	--	--	--	--	--	--
White River (WA)	--	--	--	31,955	--	--	--	--	--	--	--
Whitehorn (WA)	--	--	--	--	--	--	--	--	--	--	141
PSI Energy, Inc	2,049,783	6,650	--	32,111	--	--	942	13	--	2,272	35
Cayuga (IN)	380,904	588	--	--	--	--	179	1	--	380	4
Connersville (IN)	--	295	--	--	--	--	--	1	--	--	6
Edwardsport (IN)	5,004	69	--	--	--	--	4	*	--	36	1
Gallagher, R (IN)	237,511	2,322	--	--	--	--	117	4	--	279	1
Gibson (IN)	1,356,316	2,249	--	--	--	--	607	4	--	1,254	8
Markland (IN)	--	--	--	32,111	--	--	--	--	--	--	--
Miami Wabash (IN)	--	45	--	--	--	--	--	*	--	--	13
Noblesville (IN)	1,764	14	--	--	--	--	1	*	--	47	1
Wabash River (IN)	68,284	1,078	--	--	--	--	34	2	--	275	2
R V Light & Power	--	--	--	112	--	--	--	--	--	--	--
White River (SD)	--	--	--	112	--	--	--	--	--	--	--
Radford Mun Power Plant	--	--	--	741	--	--	--	--	--	--	--
Radford (VA)	--	--	--	741	--	--	--	--	--	--	--
Rantoul, Village Of, Lt & Pwr Dept	--	--	--	--	--	--	--	--	--	--	*
Rantoul (IL)	--	--	--	--	--	--	--	--	--	--	*
Raton Public Service Company ..	2,844	--	--	--	--	--	2	--	--	2	--
Raton (NM)	2,844	--	--	--	--	--	2	--	--	2	--
Rayne Elec Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Rayne (LA)	--	--	--	--	--	--	--	--	--	--	--
Red Bud City Of	--	--	--	--	--	--	--	--	--	--	1
Red Bud (IL)	--	--	--	--	--	--	--	--	--	--	1
Red Cloud City Of Mun Lt & Pwr	--	3	--	--	--	--	--	*	--	--	*
Red Cloud (NE)	--	3	--	--	--	--	--	*	--	--	*
Redding City Of	--	--	--	587	--	--	--	--	--	--	--
Whiskeytown (CA)	--	--	--	587	--	--	--	--	--	--	--
Redlands Water & Power Co	--	--	--	829	--	--	--	--	--	--	--
Redlands (CO)	--	--	--	829	--	--	--	--	--	--	--
Redwood Falls Pub Util Comm	--	73	--	165	--	--	--	*	--	--	2
Redwood Falls (MN)	--	73	--	165	--	--	--	*	--	--	2
Rensselaer City Of Mun Power Plant	--	5	--	--	--	--	--	*	--	--	*
Rensselaer (IN)	--	5	--	--	--	--	--	*	--	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Renwick Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Renwick (IA)	--	--	--	--	--	--	--	--	--	--	--
Rich Hill City Of	--	--	--	--	--	--	--	--	--	--	--
Rich Hill (MO)	--	--	--	--	--	--	--	--	--	--	--
Richmond Power & Light	49,977	42	--	--	--	--	26	*	--	66	1
Whitewater Valley (IN)	49,977	42	--	--	--	--	26	*	--	66	1
River Falls Municipal Utilities	--	2	9	210	--	--	--	*	*	--	3
Junction (WI)	--	2	9	145	--	--	--	*	*	--	3
Powell Falls (WI)	--	--	--	65	--	--	--	--	--	--	--
Robstown City Of	--	211	1,546	--	--	--	--	*	21	--	6
Robstown (TX)	--	211	1,546	--	--	--	--	*	21	--	6
Rochelle Municipal Utilities	--	--	--	--	--	--	--	--	--	--	1
Rochelle No. 1 (IL)	--	--	--	--	--	--	--	--	--	--	1
Rochelle No. 2 (IL)	--	--	--	--	--	--	--	--	--	--	*
Rochester City Of Elec Dept	3,360	49	547	1,939	--	--	2	*	10	18	2
Cascade Creek (MN)	--	49	--	--	--	--	--	*	--	--	2
Rochester (MN)	--	--	--	1,939	--	--	--	--	--	--	--
Silver Lake (MN)	3,360	--	547	--	--	--	2	--	10	18	--
Rochester Gas & Elec Corp	65,657	750	54	23,988	340,882	--	27	1	1	180	4
Ginna (NY)	--	--	--	--	340,882	--	--	--	--	--	--
Station 160 (NY)	--	--	--	151	--	--	--	--	--	--	--
Station 170 (NY)	--	--	--	320	--	--	--	--	--	--	--
Station 172 (NY)	--	--	--	70	--	--	--	--	--	--	--
Station 2 (NY)	--	--	--	2,420	--	--	--	--	--	--	--
Station 26 (NY)	--	--	--	681	--	--	--	--	--	--	--
Station 3 (NY)	16,960	254	--	--	--	--	7	*	--	46	3
Station 5 (NY)	--	--	--	20,346	--	--	--	--	--	--	--
Station 7 (NY)	48,697	496	--	--	--	--	20	1	--	134	1
Station 9 (NY)	--	--	54	--	--	--	--	--	1	--	--
Rock Port Bd Of Public Works	--	1	10	--	--	--	--	*	*	--	*
Rockport (MO)	--	1	10	--	--	--	--	*	*	--	*
Rock Rapids City Of (Util Div)	--	--	--	--	--	--	--	*	--	--	*
Rock Rapids (IA)	--	--	--	--	--	--	--	*	--	--	*
Rockford Mun Light Plant	--	--	--	--	--	--	--	--	--	--	--
Rockford (IA)	--	--	--	--	--	--	--	--	--	--	--
Rockville Center El Lt Dept	--	44	57	--	--	--	--	*	1	--	2
Rockville (NY)	--	44	57	--	--	--	--	*	1	--	2
Roseau, Village Of	--	3	--	--	--	--	--	*	--	--	*
Roseau (MN)	--	3	--	--	--	--	--	*	--	--	*
Russell City Of	--	161	1,447	--	--	--	--	1	26	--	2
Russell (KS)	--	161	1,447	--	--	--	--	1	26	--	2
Ruston Water & Light Plant	--	--	16,510	--	--	--	--	--	185	--	--
Ruston (LA)	--	--	16,510	--	--	--	--	--	185	--	--
Sabetha City Of	--	22	5	--	--	--	--	*	*	--	2
Sabetha (KS)	--	22	5	--	--	--	--	*	*	--	2
Sacramento Municipal Utility Dist	--	--	112	336,867	--	78,607	--	*	2	--	3
Camino (CA)	--	--	--	56,015	--	--	--	--	--	--	--
Camp Far W (CA)	--	--	--	4,621	--	--	--	--	--	--	--
Coldwater Creek (CA)	--	--	--	--	--	36,171	--	--	--	--	--
Jaybird (CA)	--	--	--	83,819	--	--	--	--	--	--	--
Jones Fork (CA)	--	--	--	3,108	--	--	--	--	--	--	--
Loon Lake (CA)	--	--	--	11,759	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Sacramento Municipal Utility Dist											
McClellan (CA)	--	--	112	--	--	--	--	*	2	--	3
Robbs Peak (CA)	--	--	--	11,902	--	--	--	--	--	--	--
Slab Creek (CA)	--	--	--	166	--	--	--	--	--	--	--
Smudgeo (CA)	--	--	--	--	--	42,160	--	--	--	--	--
Solar (CA)	--	--	--	--	--	276	--	--	--	--	--
Union Valley (CA)	--	--	--	20,289	--	--	--	--	--	--	--
White Rock (CA)	--	--	--	145,188	--	--	--	--	--	--	--
Safe Harbor Water Power Corp ...	--	--	--	117,083	--	--	--	--	--	--	--
Safe Harbor (PA)	--	--	--	117,083	--	--	--	--	--	--	--
Salt River Proj Agri Imp Pwr Dist	1,629,218	5,580	6,567	98,473	--	--	837	11	99	2,248	466
* Central Storage *	--	--	--	--	--	--	--	--	--	--	23
Agua Fria (AZ)	--	--	-820	--	--	--	--	--	4	--	211
Coronado (AZ)	355,023	1,695	--	--	--	--	258	4	--	802	12
Crosscut (AZ)	--	--	--	2,214	--	--	--	--	--	--	--
Horse Mesa (AZ)	--	--	--	56,109	--	--	--	--	--	--	--
Kyrene (AZ)	--	--	39	--	--	--	--	*	6	--	80
Mormon Flat (AZ)	--	--	--	29,633	--	--	--	--	--	--	--
Navajo (AZ)	1,274,195	3,855	--	--	--	--	578	7	--	1,446	36
Roosevelt (AZ)	--	--	--	--	--	--	--	--	--	--	--
San Tan (AZ)	--	30	7,348	--	--	--	--	*	88	--	106
South Con (AZ)	--	--	--	942	--	--	--	--	--	--	--
Stewart Mtn (AZ)	--	--	--	9,575	--	--	--	--	--	--	--
San Antonio Public Service Bd ...	804,067	598	270,878	--	--	--	489	1	2,837	681	434
Braunig, V H (TX)	--	--	35,591	--	--	--	--	--	395	--	203
Deely, J T (TX)	494,416	585	--	--	--	--	306	1	--	681	24
J K Spruce (TX)	309,651	--	1,667	--	--	--	183	--	21	--	--
Leon Creek (TX)	--	--	-129	--	--	--	--	--	--	--	2
Mission Road (TX)	--	--	-177	--	--	--	--	--	--	--	--
Sommers, O W (TX)	--	13	219,559	--	--	--	--	*	2,268	--	152
Tuttle, W B (TX)	--	--	14,367	--	--	--	--	--	154	--	52
San Diego Gas & Electric											
Company	--	89	220,883	--	--	--	--	*	2,481	--	1,145
* Central Storage *	--	--	--	--	--	--	--	--	--	--	*
Division (CA)	--	11	--	--	--	--	--	*	--	--	--
El Cajon (CA)	--	8	97	--	--	--	--	*	2	--	1
Encina (CA)	--	9	119,105	--	--	--	--	*	1,411	--	722
Kearny (CA)	--	--	72	--	--	--	--	--	1	--	24
Miramar (CA)	--	8	182	--	--	--	--	*	3	--	4
Naval Station (CA)	--	--	1	--	--	--	--	--	*	--	15
Naval Training Cntr (CA)	--	12	42	--	--	--	--	*	1	--	1
North Island (CA)	--	41	90	--	--	--	--	*	1	--	4
Silver Gate (CA)	--	--	--	--	--	--	--	--	--	--	--
South Bay (CA)	--	--	101,368	--	--	--	--	--	1,058	--	374
Station B (CA)	--	--	-74	--	--	--	--	--	4	--	--
San Miguel Electric Coop	277,933	203	--	--	--	--	299	*	--	402	12
San Miguel (TX)	277,933	203	--	--	--	--	299	*	--	402	12
Sanborn Municipal Light Plant	--	--	--	--	--	--	--	--	--	--	--
Sanborn (IA)	--	--	--	--	--	--	--	--	--	--	--
Santa Clara City Of	--	--	4,285	1,570	--	--	--	--	63	--	2
Black Butte (CA)	--	--	--	--	--	--	--	--	--	--	--
Cogen Plant (CA)	--	--	4,285	--	--	--	--	--	63	--	--
Gianera (CA)	--	--	--	--	--	--	--	--	--	--	2
Highline (CA)	--	--	--	103	--	--	--	--	--	--	--
Stony Gorge (CA)	--	--	--	1,467	--	--	--	--	--	--	--
Sargent City Of	--	--	--	--	--	--	--	--	--	--	*
Sargent (NE)	--	--	--	--	--	--	--	--	--	--	*
Savannah Electric & Power Co	156,368	28	6,151	--	--	--	63	*	66	87	55
Boulevard (GA)	--	--	326	--	--	--	--	--	6	--	12

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Savannah Electric & Power Co											
McIntosh (GA)	55,545	28	--	--	--	--	22	*	--	46	1
Port Wentworth (GA)	100,823	--	5,825	--	--	--	41	--	60	41	42
Riverside (GA)	--	--	--	--	--	--	--	--	--	--	--
Seaford Lt & Power	--	210	--	--	--	--	--	*	--	--	2
Seaford (DE)	--	210	--	--	--	--	--	*	--	--	2
Seattle Dept Of Lighting	--	--	--	578,230	--	--	--	--	--	--	--
Boundary (WA)	--	--	--	483,659	--	--	--	--	--	--	--
Cedar Falls (WA)	--	--	--	11,791	--	--	--	--	--	--	--
Diablo (WA)	--	--	--	29,883	--	--	--	--	--	--	--
Gorge (WA)	--	--	--	48,103	--	--	--	--	--	--	--
New Halem (WA)	--	--	--	1,764	--	--	--	--	--	--	--
Ross Dam (WA)	--	--	--	3,030	--	--	--	--	--	--	--
Sebewaing Lt & Wtr Dept	--	--	--	--	--	--	--	--	--	--	*
Main Street (MI)	--	--	--	--	--	--	--	--	--	--	*
Pine Street (MI)	--	--	--	--	--	--	--	--	--	--	--
Sequin City Of	--	--	--	118	--	--	--	--	--	--	*
Sequin (TX)	--	--	--	118	--	--	--	--	--	--	*
Seminole Electric Coop Inc	792,976	1,790	--	--	--	--	323	3	--	472	7
Seminole (FL)	792,976	1,790	--	--	--	--	323	3	--	472	7
Seneca Hydroelectric Company											
Inc	--	--	--	--	--	--	--	--	--	--	--
Seneca (NY)	--	--	--	--	--	--	--	--	--	--	--
Seward Electric System	--	--	--	--	--	--	--	--	--	--	--
Schoonmaker (AK)	--	--	--	--	--	--	--	--	--	--	--
Sharon Springs City Of	--	--	9	--	--	--	--	--	*	--	*
Sharon Spring (KS)	--	--	9	--	--	--	--	--	*	--	*
Shelby Mun Light Plant	6,328	--	6	--	--	--	4	--	*	13	*
Shelby (OH)	6,328	--	6	--	--	--	4	--	*	13	*
Sho Me Power Cooperative	--	--	--	1,613	--	--	--	--	--	--	--
Niangua (MO)	--	--	--	1,613	--	--	--	--	--	--	--
Shrewsbury El Lt Plant	--	-51	--	--	--	--	--	--	--	--	2
Shrewsbury (MA)	--	-51	--	--	--	--	--	--	--	--	2
Sibley Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Sibley (IA)	--	--	--	--	--	--	--	--	--	--	--
Sibley (IA)	--	--	--	--	--	--	--	--	--	--	--
Sidney City Of (Electric Util)	--	5	27	--	--	--	--	*	*	--	1
Sidney (NE)	--	5	27	--	--	--	--	*	*	--	1
Sierra Pacific Power Company	113,238	1,065	150,171	3,991	--	--	50	2	1,602	191	185
Battle Mt (NV)	--	-27	--	--	--	--	--	*	--	--	*
Brunswick (NV)	--	-33	--	--	--	--	--	*	--	--	*
Elko (NV)	--	-9	--	--	--	--	--	--	--	--	*
Fallon (NV)	--	-1	--	--	--	--	--	--	--	--	--
Farad (CA)	--	--	--	-9	--	--	--	--	--	--	--
Fleish (NV)	--	--	--	1,646	--	--	--	--	--	--	--
Fort Churchill (NV)	--	--	90,493	--	--	--	--	--	879	--	76
Gabbs (NV)	--	-12	--	--	--	--	--	*	--	--	1
Kings Beach (CA)	--	-25	--	--	--	--	--	*	--	--	1
Lahontan (NV)	--	--	--	827	--	--	--	--	--	--	--
North Valmy (NV)	113,238	1,213	--	--	--	--	50	2	--	191	3
Portola (CA)	--	-18	--	--	--	--	--	*	--	--	*
Tracy (NV)	--	7	59,667	--	--	--	--	*	723	--	103
Valley Road (NV)	--	-30	--	--	--	--	--	*	--	--	*
Verdi (NV)	--	--	--	1,063	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 (bbbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbbls)
Sierra Pacific Power Company											
Washoe (NV)	--	--	--	-5	--	--	--	--	--	--	--
Winnemucca (NV)	--	--	11	--	--	--	--	--	*	--	*
26 Foot Drop (NV)	--	--	--	469	--	--	--	--	--	--	--
Sikeston Bd Of Mun Utilities	63,776	52,005	--	--	--	--	31	1	--	157	20
Coleman, E. P. (MO)	--	3	--	--	--	--	--	*	--	--	*
Sikeston (MO)	63,776	52,002	--	--	--	--	31	1	--	157	19
Sioux Center Mun Lt & Pwr	--	--	--	--	--	--	--	--	--	--	--
Sioux Center (IA)	--	--	--	--	--	--	--	--	--	--	--
Sitka City Of (Electric Dept)	--	5	--	7,754	--	--	--	*	--	--	4
Blue Lake (AK)	--	--	--	2,167	--	--	--	--	--	--	--
Blue Lake Fish (AK)	--	--	--	41	--	--	--	--	--	--	--
Blue Lake Pulp (AK)	--	--	--	96	--	--	--	--	--	--	--
Green Lake (AK)	--	--	--	5,450	--	--	--	--	--	--	--
Indian River (AK)	--	5	--	--	--	--	--	*	--	--	4
Skaneateles City Of	--	--	--	--	--	--	--	--	--	--	--
Skaneateles (NY)	--	--	--	--	--	--	--	--	--	--	--
Sleepy Eye Public Util Comm	--	3	--	--	--	--	--	*	--	--	*
Sleepy Eye (MN)	--	3	--	--	--	--	--	*	--	--	*
Soda Springs City Of	--	--	--	210	--	--	--	--	--	--	--
Soda Springs 1 (ID)	--	--	--	106	--	--	--	--	--	--	--
Soda Springs 2 (ID)	--	--	--	104	--	--	--	--	--	--	--
South Beloit Wtr Gas & Elec Co. ..	--	--	--	399	--	--	--	--	--	--	--
Rockton (IL)	--	--	--	399	--	--	--	--	--	--	--
South Carolina Public Service											
Auth	942,247	773	--	47,180	--	--	370	2	--	1,070	130
Cross (SC)	327,677	33	--	--	--	--	123	*	--	298	5
Grainger, Dolphus M (SC)	11,570	58	--	--	--	--	5	*	--	65	*
Hilton Head (SC)	--	-48	--	--	--	--	--	--	--	--	33
Jefferies (SC)	154,309	137	--	18,491	--	--	64	*	--	154	49
Myrtle Beach (SC)	--	4	--	--	--	--	--	*	--	--	35
Spillway (SC)	--	--	--	1,147	--	--	--	--	--	--	--
St. Stephen (SC)	--	--	--	27,542	--	--	--	--	--	--	--
Winyah (SC)	448,691	589	--	--	--	--	178	1	--	552	7
South Mississippi Elec Pwr Assn ..	121,483	2,245	22,156	--	--	--	52	5	282	396	41
Benndale (MS)	--	--	31	--	--	--	--	--	*	--	--
Morrow (MS)	121,483	457	--	--	--	--	52	1	--	396	5
Moselle (MS)	--	1,758	22,125	--	--	--	--	4	282	--	35
Paulding (MS)	--	30	--	--	--	--	--	*	--	--	1
South Norwalk Elec Wks, The	--	13	--	--	--	--	--	*	--	--	1
South Norwalk (CT)	--	13	--	--	--	--	--	*	--	--	1
South Texas Elec Coop, Inc	--	--	--	--	--	--	--	--	--	--	--
Rayburn, Sam (TX)	--	--	--	--	--	--	--	--	--	--	--
Southern California Edison											
Company	535,490	2,010	695,617	795,115	1,614,968	--	260	4	7,573	659	4,552
* Central Storage *	--	--	--	--	--	--	--	--	--	--	764
Alamitos (CA)	--	--	114,345	--	--	--	--	--	1,271	--	534
Baker Dam (CA)	--	--	--	--	--	--	--	--	--	--	--
Big Creek 1 (CA)	--	--	--	63,947	--	--	--	--	--	--	--
Big Creek 2 (CA)	--	--	--	53,078	--	--	--	--	--	--	--
Big Creek 2a (CA)	--	--	--	73,851	--	--	--	--	--	--	--
Big Creek 3 (CA)	--	--	--	129,655	--	--	--	--	--	--	--
Big Creek 4 (CA)	--	--	--	71,049	--	--	--	--	--	--	--
Big Creek 8 (CA)	--	--	--	52,482	--	--	--	--	--	--	--
Bishop Creek 2 (CA)	--	--	--	5,474	--	--	--	--	--	--	--
Bishop Creek 3 (CA)	--	--	--	4,993	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Southern California Edison											
Company											
Bishop Creek 4 (CA)	--	--	--	5,887	--	--	--	--	--	--	--
Bishop Creek 5 (CA)	--	--	--	2,829	--	--	--	--	--	--	--
Bishop Creek 6 (CA)	--	--	--	1,488	--	--	--	--	--	--	--
Borel (CA)	--	--	--	7,687	--	--	--	--	--	--	--
Cool Water (CA)	--	--	-640	--	--	--	--	--	4	--	427
Eastwood (CA)	--	--	--	109,411	--	--	--	--	--	--	--
El Segundo (CA)	--	--	128,320	--	--	--	--	--	1,268	--	292
Ellwood (CA)	--	--	94	--	--	--	--	--	1	--	--
Etiwanda (CA)	--	--	55,769	--	--	--	--	--	676	--	602
Fontana (CA)	--	--	--	625	--	--	--	--	--	--	--
Highgrove (CA)	--	--	-169	--	--	--	--	--	--	--	43
Huntington Beach (CA)	--	--	42,962	--	--	--	--	--	473	--	180
Kaweah 1 (CA)	--	--	--	1,404	--	--	--	--	--	--	--
Kaweah 2 (CA)	--	--	--	1,512	--	--	--	--	--	--	--
Kaweah 3 (CA)	--	--	--	2,554	--	--	--	--	--	--	--
Kern River 1 (CA)	--	--	--	17,889	--	--	--	--	--	--	--
Kern River 3 (CA)	--	--	--	26,839	--	--	--	--	--	--	--
Long Beach (CA)	--	--	4,095	--	--	--	--	--	85	--	124
Lundy (CA)	--	--	--	1,665	--	--	--	--	--	--	--
Lytle Creek (CA)	--	--	--	221	--	--	--	--	--	--	--
Mammoth Pool (CA)	--	--	--	135,682	--	--	--	--	--	--	--
Mandalay (CA)	--	180	37,353	--	--	--	--	1	393	--	443
Mill Creek 1 (CA)	--	--	--	713	--	--	--	--	--	--	--
Mill Creek 2&3 (CA)	--	--	--	--	--	--	--	--	--	--	--
Mill Creek 3 (CA)	--	--	--	1,572	--	--	--	--	--	--	--
Mohave (NV)	535,490	--	23,740	--	--	--	260	--	247	659	--
Ontario 1 (CA)	--	--	--	577	--	--	--	--	--	--	--
Ontario 2 (CA)	--	--	--	215	--	--	--	--	--	--	--
Ormond Beach (CA)	--	--	114,469	--	--	--	--	--	1,234	--	781
Pebbly Beach (CA)	--	1,984	--	--	--	--	--	3	--	--	2
Poole (CA)	--	--	--	6,383	--	--	--	--	--	--	--
Portal (CA)	--	--	--	-9	--	--	--	--	--	--	--
Redondo Beach (CA)	--	--	175,279	--	--	--	--	--	1,920	--	288
Rush Creek (CA)	--	--	--	8,157	--	--	--	--	--	--	--
San Bernardino (CA)	--	-154	--	--	--	--	--	--	--	--	72
San Geronio (CA)	--	--	--	69	--	--	--	--	--	--	--
San Geronio (CA)	--	--	--	--	--	--	--	--	--	--	--
San Onofre (CA)	--	--	--	--	1,614,968	--	--	--	--	--	--
Santa Ana 1 (CA)	--	--	--	2,500	--	--	--	--	--	--	--
Santa Ana 2 (CA)	--	--	--	1,106	--	--	--	--	--	--	--
Santa Ana 3 (CA)	--	--	--	1,320	--	--	--	--	--	--	--
Sierra (CA)	--	--	--	438	--	--	--	--	--	--	--
Tule River (CA)	--	--	--	1,852	--	--	--	--	--	--	--
Southern Illinois Power Coop											
Marion (IL)	61,838	18	--	--	--	--	37	*	--	219	3
	61,838	18	--	--	--	--	37	*	--	219	3
Southern Indiana Gas & Electric											
Co											
A. B. Brown (IN)	411,515	--	1,822	--	--	--	192	*	26	548	3
Broadway (IN)	197,025	--	1,175	--	--	--	92	--	12	253	2
Culley (IN)	--	--	154	--	--	--	--	--	5	--	1
Northeast (IN)	181,289	--	49	--	--	--	84	*	*	224	*
Warrick (IN)	33,201	--	25	--	--	--	--	--	5	--	--
	--	--	419	--	--	--	16	--	4	71	--
Southwest Public Power District											
Palisade (NE)	--	--	--	--	--	--	--	--	--	--	--
Southwestern Elec Power Co											
(CSW)	1,061,207	1,450	111,143	--	--	--	738	3	1,356	2,240	113
Arsenal Hill (LA)	--	--	-109	--	--	--	--	--	--	--	--
Flint Creek (AR)	83,641	1,251	--	--	--	--	57	2	--	326	3
Knox Lee (TX)	--	--	-827	--	--	--	--	--	16	--	66
Lieberman (LA)	--	--	-237	--	--	--	--	--	--	--	20
Lone Star (TX)	--	--	-16	--	--	--	--	--	--	--	14
Pirkey (TX)	388,098	--	156	--	--	--	308	--	2	211	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Southwestern Elec Power Co (CSW)											
Welsh (TX)	589,468	199	--	--	--	--	373	*	--	1,703	8
Wilkes (TX)	--	--	112,176	--	--	--	--	--	1,338	--	2
Southwestern Public Service Co	1,273,273	75	325,731	--	--	25,892	722	1	3,545	931	87
Carlsbad (NM)	--	--	11	--	--	--	--	--	1	--	--
Celanese (TX)	--	--	--	--	--	25,892	--	--	--	--	--
Cunningham (NM)	--	57	52,764	--	--	--	--	1	557	--	--
Harrington (TX)	682,344	--	3,465	--	--	--	390	--	35	548	--
Jones (TX)	--	--	118,293	--	--	--	--	--	1,265	--	56
Maddox (NM)	--	--	38,183	--	--	--	--	--	411	--	--
Nichols (TX)	--	--	105,391	--	--	--	--	--	1,161	--	--
Plant X (TX)	--	--	7,489	--	--	--	--	--	113	--	31
Tolk Station (TX)	590,929	--	135	--	--	--	332	--	2	383	--
Tucumcari (NM)	--	18	--	--	--	--	--	*	--	--	1
Soyland Power Coop, Inc	-106	-24	--	--	--	--	--	--	--	7	3
Pearl Station (IL)	-106	-1	--	--	--	--	--	--	--	7	3
Pittsfield (IL)	--	-19	--	--	--	--	--	--	--	--	*
Winchester (IL)	--	-4	--	--	--	--	--	--	--	--	*
Spalding Mun Lt & Pwr Co	--	--	--	57	--	--	--	--	--	--	*
Spalding (NE)	--	--	--	57	--	--	--	--	--	--	*
Spartanburg City Of	--	--	--	400	--	--	--	--	--	--	--
Spartanburg (SC)	--	--	--	400	--	--	--	--	--	--	--
Spencer Municipal Utilities	--	--	--	--	--	--	--	--	--	--	13
Spencer (IA)	--	--	--	--	--	--	--	--	--	--	13
Spring Valley City Of	--	--	--	--	--	--	--	--	--	--	*
Spring Valley (MN)	--	--	--	--	--	--	--	--	--	--	*
Springfield City Of	134,090	358	--	--	--	--	75	1	--	81	7
Dallman (IL)	127,467	263	--	--	--	--	70	1	--	80	--
Factory (IL)	--	2	--	--	--	--	--	*	--	--	3
Lakeside (IL)	6,623	91	--	--	--	--	5	*	--	1	3
Reynolds (IL)	--	2	--	--	--	--	--	*	--	--	1
Springfield City Of	--	--	--	--	--	--	--	--	--	--	--
Springfield (CO)	--	--	--	--	--	--	--	--	--	--	--
Springfield Public Utilities	--	--	--	--	--	--	--	--	--	--	--
Springfield (MN)	--	--	--	--	--	--	--	--	--	--	--
Springfield Utilities	110,482	26	1,100	--	--	--	52	*	14	174	9
James River (MO)	35,133	12	591	--	--	--	18	*	7	63	5
Main Street (MO)	--	14	--	--	--	--	--	*	--	--	1
Southwest (MO)	75,349	--	509	--	--	--	34	--	7	111	4
Springville Electric System	--	--	--	175	--	--	--	--	--	--	--
Springville (NY)	--	--	--	175	--	--	--	--	--	--	--
Springville Municipal Corporation	--	257	4,080	801	--	--	--	*	40	--	*
Bartholomew (UT)	--	--	--	673	--	--	--	--	--	--	--
Hobble Creek (UT)	--	--	--	95	--	--	--	--	--	--	--
Spring Creek (UT)	--	--	--	33	--	--	--	--	--	--	--
Whitehead (UT)	--	257	4,080	--	--	--	--	*	40	--	*
St Cloud Public Utilities	--	8	35	--	--	--	--	*	*	--	3
St Cloud (FL)	--	8	35	--	--	--	--	*	*	--	3
St Francis City Of	--	--	4	--	--	--	--	*	*	--	*
St Francis (KS)	--	--	4	--	--	--	--	*	*	--	*
St George City Corp Util Commission	--	15	--	178	--	--	--	*	--	--	2

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
St George City Corp Util											
Commission				178							
Gunlock Hydro (UT)	--	--	--	--	--	--	--	*	--	--	1
No 2 Diesel (ID)	--	15	--	--	--	--	--	--	--	--	1
St. George (UT)	--	--	--	--	--	--	--	--	--	--	1
St John City Of	--	--	--	--	--	--	--	*	--	--	1
St John (KS)	--	--	--	--	--	--	--	*	--	--	1
St Joseph Light & Power Co	-722	-88	-220	--	--	--	1	1	2	69	37
Lake Road (MO)	-722	-88	-220	--	--	--	1	1	2	69	37
St Louis Electric Utility	--	--	--	--	--	--	--	--	--	--	--
Saint Louis (MI)	--	--	--	--	--	--	--	--	--	--	--
St Marys Mun Lt & Pwr Plant	1,669	1	--	--	--	--	1	*	--	*	1
Saint Marys (OH)	1,669	1	--	--	--	--	1	*	--	*	1
Stafford City Of	--	1	4	--	--	--	--	*	*	--	*
Stafford (KS)	--	1	4	--	--	--	--	*	*	--	*
Stanberry Power Co	--	--	--	--	--	--	--	--	--	--	--
Stanberry (MO)	--	--	--	--	--	--	--	--	--	--	--
Starke Mun Lt & Wtr Plant	--	35	387	--	--	--	--	*	6	--	1
Stark (FL)	--	35	387	--	--	--	--	*	6	--	1
State Center Mun Lt Plant	--	--	--	--	--	--	--	*	--	--	*
State Center (IA)	--	--	--	--	--	--	--	*	--	--	*
Sterling City Of	--	41	322	--	--	--	--	*	4	--	2
Sterling (KS)	--	41	322	--	--	--	--	*	4	--	2
Stillwater City Of	--	--	--	--	--	--	--	--	--	--	1
Boomer Lake (OK)	--	--	--	--	--	--	--	--	--	--	1
Stockton City Of	--	-8	--	--	--	--	--	*	*	--	*
Stockton (KS)	--	-8	--	--	--	--	--	*	*	--	*
Story City Mun Elec Utility	--	--	--	--	--	--	--	--	--	--	--
Story City (IA)	--	--	--	--	--	--	--	--	--	--	--
Strawberry Point Lt & Wtr Dept ..	--	1	--	--	--	--	--	*	--	--	*
Strawberry Point (IA)	--	1	--	--	--	--	--	*	--	--	*
Strawberry Water Users Assoc ...	--	--	--	2,744	--	--	--	--	--	--	--
Payson (UT)	--	--	--	234	--	--	--	--	--	--	--
Spanish Fork (UT)	--	--	--	2,510	--	--	--	--	--	--	--
Stuart Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Stuart (NE)	--	--	--	--	--	--	--	--	--	--	--
Stuart Light & Power System	--	1	40	--	--	--	--	*	*	--	*
Stuart (IA)	--	1	40	--	--	--	--	*	*	--	*
Sturgis City Of	--	93	724	1,069	--	--	--	*	7	--	1
Centerville (MI)	--	--	--	1,069	--	--	--	--	--	--	--
Sturgis (MI)	--	93	724	--	--	--	--	*	7	--	1
Sullivan City Of	--	29	72	--	--	--	--	*	1	--	1
Sullivan (IL)	--	29	72	--	--	--	--	*	1	--	1
Summer Municipal Light Dept	--	--	--	--	--	--	--	--	--	--	*
Summer (IA)	--	--	--	--	--	--	--	--	--	--	*
Sunflower Electric Coop	177,971	--	612	--	--	--	110	--	9	116	--
Garden City (KS)	--	--	120	--	--	--	--	--	3	--	--
Holcomb (KS)	177,971	--	492	--	--	--	110	--	6	116	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 (bbbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbbls)
Superior Water Lt & Pwr Co.	--	--	--	--	--	--	--	--	--	--	--
Winslow (WI)	--	--	--	--	--	--	--	--	--	--	--
Swans Island Electric Coop, Inc. ..	--	--	--	--	--	--	--	--	--	--	--
Minturn (ME)	--	--	--	--	--	--	--	--	--	--	--
Swanton Electric Department	--	--	--	3,410	--	--	--	--	--	--	--
Higate Falls (VT)	--	--	--	3,410	--	--	--	--	--	--	--
System Energy Resources	--	--	--	--	863,413	--	--	--	--	--	--
Grand Gulf (MS)	--	--	--	--	863,413	--	--	--	--	--	--
SCANA Corporation	989,871	2,164	1,108	28,258	503,110	--	385	4	13	920	63
Burton (SC)	--	--	--	--	--	--	--	--	--	--	3
Canadys (SC)	151,437	34	437	--	--	--	64	*	5	138	3
Coit (SC)	--	--	36	--	--	--	--	--	1	--	8
Columbia Hydro (SC)	--	--	--	5,596	--	--	--	--	--	--	--
Faber Place (SC)	--	--	--	--	--	--	--	--	--	--	--
Fairfield County (SC)	--	--	--	-13,726	--	--	--	--	--	--	--
Hagood (SC)	--	334	312	--	--	--	--	1	4	--	12
Hardeeville (SC)	--	10	--	--	--	--	--	*	--	--	1
Mcmeekin (SC)	102,437	79	--	--	--	--	39	*	--	103	3
Neal Shoals (SC)	--	--	--	3,463	--	--	--	--	--	--	--
Parr (SC)	--	--	36	--	--	--	--	--	1	--	8
Parr Hydro (SC)	--	--	--	10,054	--	--	--	--	--	--	--
Saluda Hydro (SC)	--	--	--	13,331	--	--	--	--	--	--	--
Stevens Creek Hydro (GA)	--	--	--	9,540	--	--	--	--	--	--	--
Urquhart (SC)	96,778	20	252	--	--	--	38	*	3	113	1
V. C. Summer (SC)	--	--	--	--	503,110	--	--	--	--	--	--
Wateree (SC)	362,769	1,030	--	--	--	--	138	2	--	323	9
Williams (SC)	276,450	657	35	--	--	--	105	1	*	244	14
Tacoma Dept Of Pub Util (Light											
Div)	1,424	--	16	275,434	--	6,427	1	--	*	*	--
Alder (WA)	--	--	--	25,734	--	--	--	--	--	--	--
Cushman 1 (WA)	--	--	--	9,606	--	--	--	--	--	--	--
Cushman 2 (WA)	--	--	--	16,636	--	--	--	--	--	--	--
La Grande (WA)	--	--	--	37,749	--	--	--	--	--	--	--
Mayfield (WA)	--	--	--	70,420	--	--	--	--	--	--	--
Mossyrock (WA)	--	--	--	115,289	--	--	--	--	--	--	--
Steam Plant 2 (WA)	1,424	--	16	--	--	6,427	1	--	*	*	--
Tallahassee City Of	--	3	111,052	527	--	--	--	*	1,179	--	243
Hopkins, Arvah B (FL)	--	3	111,226	--	--	--	--	*	1,179	--	120
Jackson Bluff (FL)	--	--	--	527	--	--	--	--	--	--	--
Purdum, S O (FL)	--	--	-174	--	--	--	--	--	*	--	123
Tampa Electric Company	1,406,501	16,933	277	--	--	--	591	40	4	1,690	203
* Central Storage *	--	--	--	--	--	--	--	--	--	824	--
Big Bend (FL)	999,906	1,864	--	--	--	--	418	3	--	539	52
Gannon, F J (FL)	406,595	1,903	--	--	--	--	172	4	--	327	4
Hookers Point (FL)	--	11,695	--	--	--	--	--	31	--	--	130
S Dinner Lk (FL)	--	--	277	--	--	--	--	--	4	--	1
S Phillips (FL)	--	1,471	--	--	--	--	--	3	--	--	17
Tapoco, Inc	--	--	--	--	--	--	--	--	--	--	--
Calderwood (TN)	--	--	--	--	--	--	--	--	--	--	--
Cheoah (NC)	--	--	--	--	--	--	--	--	--	--	--
Chilhowee (TN)	--	--	--	--	--	--	--	--	--	--	--
Santeetlah (NC)	--	--	--	--	--	--	--	--	--	--	--
Taunton Mun Lighting Plant	--	1,945	--	--	--	--	--	5	--	--	38
Cleary, B F (MA)	--	1,945	--	--	--	--	--	5	--	--	38
Tecumseh Utility Auth	--	9	22	--	--	--	--	*	*	--	*
Tecumseh (NE)	--	9	22	--	--	--	--	*	*	--	*
Tennessee Valley Authority	8,842,223	10,769	2,274	863,665	-19,283	--	3,604	19	22	6,313	493

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Tennessee Valley Authority											
Allen (TN)	460,114	624	1,613	--	--	--	183	1	15	178	115
Apalachia (TN)	--	--	--	24,983	--	--	--	--	--	--	--
Blue Ridge (GA)	--	--	--	4,504	--	--	--	--	--	--	--
Boone (TN)	--	--	--	14,366	--	--	--	--	--	--	--
Browns Ferry (AL)	--	--	--	--	-11,447	--	--	--	--	--	--
Bull Run (TN)	644,917	44	--	--	--	--	219	*	--	601	4
Chatuge (NC)	--	--	--	1,824	--	--	--	--	--	--	--
Cherokee (TN)	--	--	--	10,560	--	--	--	--	--	--	--
Chickamauga (TN)	--	--	--	47,368	--	--	--	--	--	--	--
Colbert (AL)	702,041	968	661	--	--	--	301	2	7	539	87
Cumberland (TN)	1,591,123	3,180	--	--	--	--	662	5	--	1,125	9
Douglas (TN)	--	--	--	36,721	--	--	--	--	--	--	--
Fontana (NC)	--	--	--	30,918	--	--	--	--	--	--	--
Fort Loudoun (TN)	--	--	--	46,355	--	--	--	--	--	--	--
Fort Patrick Henry (TN)	--	--	--	8,124	--	--	--	--	--	--	--
Gallatin (TN)	630,383	1,118	--	--	--	--	243	2	--	261	68
Great Falls (TN)	--	--	--	21,874	--	--	--	--	--	--	--
Guntersville (AL)	--	--	--	46,358	--	--	--	--	--	--	--
Hwassee (NC)	--	--	--	13,438	--	--	--	--	--	--	--
Johnsonville (TN)	641,796	1,406	--	--	--	--	295	3	--	693	198
Kentucky (KY)	--	--	--	81,783	--	--	--	--	--	--	--
Kingston (TN)	849,120	536	--	--	--	--	330	1	--	785	3
Melton Hill (TN)	--	--	--	3,890	--	--	--	--	--	--	--
Nickajack (TN)	--	--	--	37,357	--	--	--	--	--	--	--
Norris (TN)	--	--	--	11,442	--	--	--	--	--	--	--
Nottely (GA)	--	--	--	1,761	--	--	--	--	--	--	--
Ocoee 1 (TN)	--	--	--	7,439	--	--	--	--	--	--	--
Ocoee 2 (TN)	--	--	--	11,422	--	--	--	--	--	--	--
Ocoee 3 (TN)	--	--	--	18,872	--	--	--	--	--	--	--
Paradise (KY)	1,390,568	1,086	--	--	--	--	574	2	--	914	5
Pickwick (TN)	--	--	--	106,924	--	--	--	--	--	--	--
Raccoon Mountain (TN)	--	--	--	-50,605	--	--	--	--	--	--	--
Sequoyah (TN)	--	--	--	--	-7,836	--	--	--	--	--	--
Sevier, John (TN)	499,111	4	--	--	--	--	185	*	--	316	1
Shawnee (KY)	786,659	1,051	--	--	--	--	328	2	--	396	1
South Holston (TN)	--	--	--	-27	--	--	--	--	--	--	--
Tims Ford (TN)	--	--	--	8,801	--	--	--	--	--	--	--
Watauga (TN)	--	--	--	11,302	--	--	--	--	--	--	--
Watts Bar (TN)	-143	--	--	--	--	--	--	--	--	--	--
Watts Bar (TN)	--	--	--	45,627	--	--	--	--	--	--	--
Wheeler (AL)	--	--	--	88,752	--	--	--	--	--	--	--
Widows Creek (AL)	646,534	752	--	--	--	--	283	1	--	505	2
Wilbur (TN)	--	--	--	1,923	--	--	--	--	--	--	--
Wilson (AL)	--	--	--	169,609	--	--	--	--	--	--	--
Texas Municipal Power Agency	257,657	151	--	--	--	--	297	*	--	91	10
Gibbons Creek (TX)	257,657	151	--	--	--	--	297	*	--	91	10
Texas Utils Electric Co (TU)	3,237,153	4,157	2,046,195	--	931,743	--	2,738	8	20,873	1,730	2,416
Big Brown (TX)	541,169	--	18,506	--	--	--	449	--	204	421	--
Collin (TX)	--	--	-157	--	--	--	--	--	--	--	65
Comanche Peak (TX)	--	--	--	--	931,743	--	--	--	--	--	--
Dallas (TX)	--	--	-303	--	--	--	--	--	*	--	44
De Cordova (TX)	--	--	338,817	--	--	--	--	--	3,350	--	195
Eagle Mountain (TX)	--	--	18,587	--	--	--	--	--	249	--	71
Graham (TX)	--	--	209,119	--	--	--	--	--	2,127	--	58
Handley (TX)	--	--	119,684	--	--	--	--	--	1,253	--	252
Lake Creek (TX)	--	--	2,649	--	--	--	--	--	32	--	117
Lake Hubbard (TX)	--	--	192,415	--	--	--	--	--	2,016	--	216
Martin Lake (TX)	1,466,849	1,422	--	--	--	--	1,198	3	--	636	79
Monticello (TX)	881,881	2,042	--	--	--	--	792	4	--	381	28
Morgan Creek (TX)	--	--	257,056	--	--	--	--	--	2,671	--	250
Mountain Creek (TX)	--	--	-451	--	--	--	--	--	*	--	148
North Lake (TX)	--	--	117,874	--	--	--	--	--	1,272	--	167
North Main (TX)	--	--	-54	--	--	--	--	--	--	--	14
Parkdale (TX)	--	--	2,558	--	--	--	--	--	35	--	50
Permian Basin (TX)	--	--	113,527	--	--	--	--	--	1,131	--	234

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Texas Utils Electric Co (TU)											
River Crest (TX)	--	--	-123	--	--	--	--	--	--	--	31
Sandow (TX)	347,254	682	--	--	--	--	299	1	--	292	--
Stryker Creek (TX)	--	11	179,350	--	--	--	--	*	1,790	--	76
Tradinghouse Creek (TX)	--	--	320,764	--	--	--	--	--	3,150	--	181
Trinidad (TX)	--	--	-314	--	--	--	--	*	--	--	35
Valley (TX)	--	--	156,691	--	--	--	--	--	1,594	--	103
Texas-New Mexico Power Co	217,334	--	860	--	--	--	158	--	8	79	--
Lordsburg (NM)	--	--	--	--	--	--	--	--	--	--	--
TNP One (TX)	217,334	--	860	--	--	--	158	--	8	79	--
Thief River Falls Wtr & Lt Dept ..	--	--	--	1,344	--	--	--	--	--	--	*
Thief River Falls (MN)	--	--	--	1,344	--	--	--	--	--	--	*
Thumb Elec Coop Of Michigan	--	--	--	--	--	--	--	--	--	--	*
Caro (MI)	--	--	--	--	--	--	--	--	--	--	*
Udly (MI)	--	--	--	--	--	--	--	--	--	--	*
Tipton Mun Utilities	--	--	--	--	--	--	--	--	--	--	*
Tipton (IA)	--	--	--	--	--	--	--	--	--	--	*
Toledo Edison Company	220,333	445	157	--	589,637	--	84	1	2	243	6
Acme (OH)	15,698	176	157	--	--	--	8	1	2	17	*
Bay Shore (OH)	204,635	269	--	--	--	--	76	*	--	227	2
Davis-Besse (OH)	--	--	--	--	589,637	--	--	*	--	--	--
Richland (OH)	--	--	--	--	--	--	--	--	--	--	2
Stryker (OH)	--	--	--	--	--	--	--	--	--	--	1
Traer Municipal Utilities	--	--	4	--	--	--	--	*	*	--	*
Traer (IA)	--	--	4	--	--	--	--	*	*	--	*
Traverse City Of	--	--	--	1,144	--	--	--	--	--	19	--
Bayside (MI)	--	--	--	--	--	--	--	--	--	19	--
Boardman (MI)	--	--	--	527	--	--	--	--	--	--	--
Brown Bridge (MI)	--	--	--	202	--	--	--	--	--	--	--
Elk Rapids (MI)	--	--	--	169	--	--	--	--	--	--	--
Sabin (MI)	--	--	--	246	--	--	--	--	--	--	--
Trenton Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Trenton (NE)	--	--	--	--	--	--	--	--	--	--	--
Trenton Municipal Utilities	--	--	--	--	--	--	--	--	--	--	2
Trenton (MO)	--	--	--	--	--	--	--	--	--	--	*
Trenton PKG (MO)	--	--	--	--	--	--	--	--	--	--	1
Tri State Gen & Trans Assn, Inc ..	835,410	189	689	--	--	--	426	*	7	869	18
Burlington (CO)	--	138	--	--	--	--	--	*	--	--	14
Craig (CO)	806,256	--	689	--	--	--	407	--	7	864	4
Nucla (CO)	29,154	51	--	--	--	--	20	*	--	5	*
Ouray (CO)	--	--	--	--	--	--	--	--	--	--	--
Trinidad Mun Pwr & Lt Dept	864	--	--	--	--	--	1	--	--	1	1
Trinidad (CO)	864	--	--	--	--	--	1	--	--	1	1
Truman Public Util Comm	--	--	--	--	--	--	--	--	--	--	*
Truman (MN)	--	--	--	--	--	--	--	--	--	--	*
Tucson Electric Power Company ..	469,151	262	16,334	--	--	--	265	*	219	303	19
De Moss Petrie (AZ)	--	--	-11	--	--	--	--	--	--	--	4
Irvington (AZ)	9,085	--	16,417	--	--	--	5	--	219	41	5
North Loop (AZ)	--	--	-72	--	--	--	--	--	--	--	7
Springerville (AZ)	460,066	262	--	--	--	--	260	*	--	262	4
Tulla Light & Power Plant	--	--	--	--	--	--	--	--	--	--	--
Tulla (TX)	--	--	--	--	--	--	--	--	--	--	--
Turlock Irrigation Dist	--	--	-17	62,920	--	--	--	--	*	--	3

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (Continued)

Company (Holding Company) Plant (State)	Generation (thousand kilowatthours)						Consumption (thousand)			Stocks (thousand)	
	Coal	Petroleum	Gas	Hydro	Nuclear	O'her'	Coal (short tons)	Petro- leum (bbls)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbls)
Turlock Irrigation Dist											
Hickman (CA)	--	--	--	618	--	--	--	--	--	--	--
Lagrange (CA)	--	--	--	1,455	--	--	--	--	--	--	--
New Don Pedro (CA)	--	--	--	57,751	--	--	--	--	--	--	--
Turlock Lake (CA)	--	--	--	1,411	--	--	--	--	--	--	--
Uppr Dawson (CA)	--	--	--	1,685	--	--	--	--	--	--	--
Walnut (CA)	--	--	-17	--	--	--	--	--	*	--	3
Two Harbors Wtr & Lt Dept	--	--	--	--	--	--	--	--	--	--	--
Two Harbors (MN)	--	--	--	--	--	--	--	--	--	--	--
Unalakleet Village Elec Assoc	--	293	--	--	--	--	--	1	--	--	2
Unalakleet (AK)	--	--	--	--	--	--	--	--	--	--	--
Unalakleet (AK)	--	293	--	--	--	--	--	1	--	--	2
Union City Village Of	--	--	--	237	--	--	--	--	--	--	--
Riley (MI)	--	--	--	237	--	--	--	--	--	--	--
Union City (MI)	--	--	--	--	--	--	--	--	--	--	--
Union Electric Company	1,638,644	8,004	-813	158,097	855,030	--	834	15	12	2,259	87
Callaway (MO)	--	--	--	--	855,030	--	--	--	--	--	--
Canton (MO)	--	-20	--	--	--	--	--	--	--	--	*
Howard Bend (MO)	--	-12	--	--	--	--	--	*	--	--	4
Jefferson City (MO)	--	33	--	--	--	--	--	*	--	--	5
Keokuk (IA)	--	--	--	49,082	--	--	--	--	--	--	--
Kirksville (MO)	--	--	-15	--	--	--	--	--	--	--	--
Labadie (MO)	801,725	7,130	--	--	--	--	439	13	--	949	18
Meramec (MO)	131,990	-16	767	--	--	--	61	--	8	190	6
Mexico (MO)	--	11	--	--	--	--	--	*	--	--	5
Moberly (MO)	--	90	--	--	--	--	--	*	--	--	5
Moreau (MO)	--	31	--	--	--	--	--	*	--	--	5
Osage (MO)	--	--	--	111,799	--	--	--	--	--	--	--
Portable (MO)	--	--	--	--	--	--	--	--	--	--	*
Rush Island (MO)	532,071	47	--	--	--	--	247	*	--	512	3
Sioux (MO)	172,858	679	--	--	--	--	87	1	--	608	1
Taum Sauk (MO)	--	--	--	-2,784	--	--	--	--	--	--	--
Venice No. 2 (IL)	--	31	-1,602	--	--	--	--	*	3	--	34
Viaduct (MO)	--	--	37	--	--	--	--	--	1	--	--
Unionville City Of	--	-2	--	--	--	--	--	*	--	--	*
Unionville (MO)	--	-2	--	--	--	--	--	*	--	--	*
United Gas Imp Co	31,220	162	--	--	--	--	20	*	--	41	*
Hunlock Creek (PA)	31,220	162	--	--	--	--	20	*	--	41	*
United Illuminating Company,											
The	202,655	10,169	--	--	--	--	76	20	--	169	756
Bridgeport Harbor (CT)	202,655	5,888	--	--	--	--	76	9	--	169	227
English (CT)	--	--	--	--	--	--	--	--	--	--	--
New Haven Harbor (CT)	--	4,281	--	--	--	--	--	11	--	--	529
United Power Association	112,137	25	306	--	--	12,340	94	*	5	114	7
Cambridge (MN)	--	--	--	--	--	--	--	--	--	--	1
Elk River (MN)	--	--	306	--	--	12,340	--	--	5	--	1
Maple Lake (MN)	--	--	--	--	--	--	--	--	--	--	2
Rock Lake (MN)	--	--	--	--	--	--	--	--	--	--	2
Stanton (ND)	112,137	25	--	--	--	--	94	*	--	114	1
Upper Peninsula Power Co	8,843	214	--	19,900	--	--	5	1	--	11	9
AuTrain (MI)	--	--	--	763	--	--	--	--	--	--	--
Cataract (MI)	--	--	--	897	--	--	--	--	--	--	--
Escanaba (MI)	--	--	--	--	--	--	--	--	--	--	--
Gladstone (MI)	--	225	--	--	--	--	--	1	--	--	1
Hoist (MI)	--	--	--	2,206	--	--	--	--	--	--	--
McClure (MI)	--	--	--	6,683	--	--	--	--	--	--	--
Portage (MI)	--	-11	--	--	--	--	--	--	--	--	7
Prickett (MI)	--	--	--	1,350	--	--	--	--	--	--	--
Victoria (MI)	--	--	--	8,001	--	--	--	--	--	--	--
Warden, John H (MI)	8,843	--	--	--	--	--	5	--	--	11	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Utilicorp United, Inc	178,617	-111	64	--	--	--	87	*	2	147	81
Green, Ralph (MO)	--	--	94	--	--	--	--	--	2	--	--
Greenwood (MO)	--	-112	--	--	--	--	--	*	--	--	76
Kci (MO)	--	--	-30	--	--	--	--	--	--	--	--
Nevada (MO)	--	-9	--	--	--	--	--	*	--	--	5
Sibley (MO)	178,617	10	--	--	--	--	87	*	--	147	*
USBIA San Carlos Proj	--	--	--	--	--	--	--	--	--	--	--
Coolidge (AZ)	--	--	--	--	--	--	--	--	--	--	--
USBIA Wapato Irrigation Project	--	--	--	--	--	--	--	--	--	--	--
Drop 2 (WA)	--	--	--	--	--	--	--	--	--	--	--
Drop 3 (WA)	--	--	--	--	--	--	--	--	--	--	--
USBR - Great Plains Reg	--	--	--	245,210	--	--	--	--	--	--	--
Alcova (WY)	--	--	--	7,044	--	--	--	--	--	--	--
Big Thompson (CO)	--	--	--	1,971	--	--	--	--	--	--	--
Boysen (WY)	--	--	--	10,485	--	--	--	--	--	--	--
Buffalo Bill (WY)	--	--	--	10,485	--	--	--	--	--	--	--
Canyon Ferry (MT)	--	--	--	40,900	--	--	--	--	--	--	--
Estes (CO)	--	--	--	32	--	--	--	--	--	--	--
Flitron (CO)	--	--	--	29,898	--	--	--	--	--	--	--
Fremont Canyon (WY)	--	--	--	14,604	--	--	--	--	--	--	--
Glendo (WY)	--	--	--	15,544	--	--	--	--	--	--	--
Green Mountain (CO)	--	--	--	6,340	--	--	--	--	--	--	--
Guernsey (WY)	--	--	--	-14	--	--	--	--	--	--	--
Heart Mtn (WY)	--	--	--	1,547	--	--	--	--	--	--	--
Kortes (WY)	--	--	--	7,922	--	--	--	--	--	--	--
Marys Lake (CO)	--	--	--	3,672	--	--	--	--	--	--	--
Mount Elbert (CO)	--	--	--	3,992	--	--	--	--	--	--	--
Pilot Butte (WY)	--	--	--	80	--	--	--	--	--	--	--
Pole Hill (CO)	--	--	--	24,597	--	--	--	--	--	--	--
Seminole (WY)	--	--	--	6,497	--	--	--	--	--	--	--
Shoshone (WY)	--	--	--	1,889	--	--	--	--	--	--	--
Yellowtail (MT)	--	--	--	57,725	--	--	--	--	--	--	--
USBR - Lower Colorado Reg	--	--	--	655,367	--	--	--	--	--	--	--
Davis (AZ)	--	--	--	105,969	--	--	--	--	--	--	--
Hoover (NV)	--	--	--	266,946	--	--	--	--	--	--	--
Hoover Dam (AZ)	--	--	--	238,694	--	--	--	--	--	--	--
Parker (CA)	--	--	--	43,758	--	--	--	--	--	--	--
USBR - Mid Pacific Region	--	--	--	394,889	--	--	--	--	--	--	--
Folsom (CA)	--	--	--	97,712	--	--	--	--	--	--	--
Jdge F Carr (CA)	--	--	--	1,121	--	--	--	--	--	--	--
Keswick (CA)	--	--	--	34,292	--	--	--	--	--	--	--
Lewiston (CA)	--	--	--	267	--	--	--	--	--	--	--
New Melones (CA)	--	--	--	54,648	--	--	--	--	--	--	--
Nimbus (CA)	--	--	--	8,394	--	--	--	--	--	--	--
Oneill (CA)	--	--	--	1,778	--	--	--	--	--	--	--
Shasta (CA)	--	--	--	176,234	--	--	--	--	--	--	--
Spring Creek (CA)	--	--	--	8,837	--	--	--	--	--	--	--
Stampede (CA)	--	--	--	190	--	--	--	--	--	--	--
Trinity (CA)	--	--	--	11,416	--	--	--	--	--	--	--
USBR - Pacific NW Region	--	--	--	2,168,046	--	--	--	--	--	--	--
Anderson Ranch (ID)	--	--	--	7,766	--	--	--	--	--	--	--
Black Canyon (ID)	--	--	--	6,877	--	--	--	--	--	--	--
Boise River Div (ID)	--	--	--	--	--	--	--	--	--	--	--
Chandler (WA)	--	--	--	4,152	--	--	--	--	--	--	--
Grand Coulee (WA)	--	--	--	2,101,010	--	--	--	--	--	--	--
Green Springs (OR)	--	--	--	4,351	--	--	--	--	--	--	--
Hungry Horse (MT)	--	--	--	420	--	--	--	--	--	--	--
Minidoka (ID)	--	--	--	8,986	--	--	--	--	--	--	--
Palisades (ID)	--	--	--	30,086	--	--	--	--	--	--	--
Roza (WA)	--	--	--	4,398	--	--	--	--	--	--	--
USBR - Upper Colorado Reg	--	--	--	474,287	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 - Upper Colorado Reg											
Blue Mesa (CO)	--	--	--	41,141	--	--	--	--	--	--	--
Crystal (CO)	--	--	--	21,700	--	--	--	--	--	--	--
Deer Creek (UT)	--	--	--	3,397	--	--	--	--	--	--	--
Elephant Butte (NM)	--	--	--	22,822	--	--	--	--	--	--	--
Flaming Gorge (UT)	--	--	--	44,145	--	--	--	--	--	--	--
Fontenelle (WY)	--	--	--	5,290	--	--	--	--	--	--	--
Glen Canyon (AZ)	--	--	--	263,012	--	--	--	--	--	--	--
Lower Molina (CO)	--	--	--	2,286	--	--	--	--	--	--	--
Morrow Point (CO)	--	--	--	66,631	--	--	--	--	--	--	--
Upper Molina (CO)	--	--	--	3,863	--	--	--	--	--	--	--
USBR Rio Grande-Falcon Project	--	--	--	46,343	--	--	--	--	--	--	--
Amistad (TX)	--	--	--	28,128	--	--	--	--	--	--	--
Falcon (TX)	--	--	--	18,215	--	--	--	--	--	--	--
USCE - Blakely Mtn	--	--	--	54,529	--	--	--	--	--	--	--
Blakely Mountain (AR)	--	--	--	43,969	--	--	--	--	--	--	--
Degray (AR)	--	--	--	5,632	--	--	--	--	--	--	--
Narrows (AR)	--	--	--	4,928	--	--	--	--	--	--	--
USCE - Fort Worth District	--	--	--	29,726	--	--	--	--	--	--	--
R. D. Willis (TX)	--	--	--	2,506	--	--	--	--	--	--	--
Rayburn, Sam (TX)	--	--	--	21,879	--	--	--	--	--	--	--
Whitney (TX)	--	--	--	5,341	--	--	--	--	--	--	--
USCE - Hartwell Power Plant	--	--	--	54,699	--	--	--	--	--	--	--
Hartwell Lake (GA)	--	--	--	54,699	--	--	--	--	--	--	--
USCE - J Strom Thur Power											
Plant	--	--	--	62,979	--	--	--	--	--	--	--
J Strom Thur (SC)	--	--	--	62,979	--	--	--	--	--	--	--
USCE - Kansas City Dist	--	--	--	73,985	--	8	--	--	--	--	--
Harry Truman (MO)	--	--	--	61,024	--	--	--	--	--	--	--
Stockton (MO)	--	--	--	12,961	--	--	--	--	--	--	--
Wilson (KS)	--	--	--	--	--	8	--	--	--	--	--
USCE - Little Rock	--	--	--	343,662	--	--	--	--	--	--	--
Beaver (AR)	--	--	--	34,129	--	--	--	--	--	--	--
Bull Shoals (AR)	--	--	--	104,404	--	--	--	--	--	--	--
Dardanelle (AR)	--	--	--	56,147	--	--	--	--	--	--	--
Greers Ferry Lake (AR)	--	--	--	29,558	--	--	--	--	--	--	--
Norfolk (AR)	--	--	--	23,443	--	--	--	--	--	--	--
Ozark (AR)	--	--	--	16,828	--	--	--	--	--	--	--
Table Rock (MO)	--	--	--	79,153	--	--	--	--	--	--	--
USCE - Mobile District	--	--	--	188,726	--	--	--	--	--	--	--
Allatoona (GA)	--	--	--	14,227	--	--	--	--	--	--	--
Buford (GA)	--	--	--	20,470	--	--	--	--	--	--	--
Carters (GA)	--	--	--	13,007	--	--	--	--	--	--	--
George, Walter F (GA)	--	--	--	40,903	--	--	--	--	--	--	--
Jones Bluff (AL)	--	--	--	24,677	--	--	--	--	--	--	--
Millers Ferry (AL)	--	--	--	34,853	--	--	--	--	--	--	--
West Point (GA)	--	--	--	23,452	--	--	--	--	--	--	--
Woodruff, J (FL)	--	--	--	17,137	--	--	--	--	--	--	--
USCE - Nashville	--	--	--	230,990	--	--	--	--	--	--	--
Barkley (KY)	--	--	--	53,818	--	--	--	--	--	--	--
Center Hill (TN)	--	--	--	37,617	--	--	--	--	--	--	--
Cheatham (TN)	--	--	--	14,727	--	--	--	--	--	--	--
Cordell Hull (TN)	--	--	--	23,712	--	--	--	--	--	--	--
Dale Hollow (TN)	--	--	--	4,208	--	--	--	--	--	--	--
Laurel (KY)	--	--	--	2,348	--	--	--	--	--	--	--
Old Hickory (TN)	--	--	--	36,817	--	--	--	--	--	--	--
Priest, J P (TN)	--	--	--	5,335	--	--	--	--	--	--	--
Wolf Creek (KY)	--	--	--	52,408	--	--	--	--	--	--	--

See footnotes at end of table

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 - North Pacific Div	--	--	--	6,708,724	--	--	--	--	--	--	--
Albeni Falls (ID)	--	--	--	23,020	--	--	--	--	--	--	--
Big Cliff (OR)	--	--	--	12,686	--	--	--	--	--	--	--
Bonneville (OR)	--	--	--	443,810	--	--	--	--	--	--	--
Chief Joseph (WA)	--	--	--	1,127,318	--	--	--	--	--	--	--
Cougar (OR)	--	--	--	20,626	--	--	--	--	--	--	--
Dalles (WA)	--	--	--	729,981	--	--	--	--	--	--	--
Day, John (OR)	--	--	--	1,255,385	--	--	--	--	--	--	--
Detroit (OR)	--	--	--	61,482	--	--	--	--	--	--	--
Dexter (OR)	--	--	--	10,771	--	--	--	--	--	--	--
Dworshak (ID)	--	--	--	333,373	--	--	--	--	--	--	--
Foster (OR)	--	--	--	9,999	--	--	--	--	--	--	--
Green Peter (OR)	--	--	--	24,984	--	--	--	--	--	--	--
Hills Creek (OR)	--	--	--	25,339	--	--	--	--	--	--	--
Ice Harbor (WA)	--	--	--	382,183	--	--	--	--	--	--	--
Libby (MT)	--	--	--	56,714	--	--	--	--	--	--	--
Little Goose (WA)	--	--	--	427,028	--	--	--	--	--	--	--
Lookout Point (OR)	--	--	--	64,338	--	--	--	--	--	--	--
Lost Creek (OR)	--	--	--	38,943	--	--	--	--	--	--	--
Lower Granite (WA)	--	--	--	556,736	--	--	--	--	--	--	--
Lower Monumental (WA)	--	--	--	479,160	--	--	--	--	--	--	--
McNary (OR)	--	--	--	624,848	--	--	--	--	--	--	--
USCE - Omaha District	--	--	--	466,951	--	--	--	--	--	--	--
Big Bend (SD)	--	--	--	34,612	--	--	--	--	--	--	--
Fort Peck (MT)	--	--	--	66,691	--	--	--	--	--	--	--
Fort Randall (SD)	--	--	--	91,931	--	--	--	--	--	--	--
Garrison (ND)	--	--	--	133,423	--	--	--	--	--	--	--
Gavins Point (NE)	--	--	--	48,400	--	--	--	--	--	--	--
Oahe (SD)	--	--	--	91,894	--	--	--	--	--	--	--
USCE - R B Russell Power Plant ..	--	--	--	52,475	--	--	--	--	--	--	--
R B Russell Proj (GA)	--	--	--	52,475	--	--	--	--	--	--	--
USCE - St Louis Dist	--	--	--	28,860	--	--	--	--	--	--	--
Clarence Canyon (MO)	--	--	--	28,860	--	--	--	--	--	--	--
USCE - St Marys Falls	--	--	--	13,680	--	--	--	--	--	--	--
Saint Marys Falls (MI)	--	--	--	13,680	--	--	--	--	--	--	--
USCE - Tulsa District	--	--	--	333,183	--	--	--	--	--	--	--
Broken Bow (OK)	--	--	--	33,332	--	--	--	--	--	--	--
Denison (TX)	--	--	--	54,960	--	--	--	--	--	--	--
Eufaula (OK)	--	--	--	63,931	--	--	--	--	--	--	--
Fort Gibson (OK)	--	--	--	30,110	--	--	--	--	--	--	--
Kerr, Robert S (OK)	--	--	--	67,823	--	--	--	--	--	--	--
Keystone (OK)	--	--	--	37,611	--	--	--	--	--	--	--
Tenkiller Ferry (OK)	--	--	--	14,673	--	--	--	--	--	--	--
Webbers Falls (OK)	--	--	--	30,743	--	--	--	--	--	--	--
USCE - Wilmington	--	--	--	66,870	--	--	--	--	--	--	--
Kerr, John H (VA)	--	--	--	63,287	--	--	--	--	--	--	--
Philpott Lake (VA)	--	--	--	3,583	--	--	--	--	--	--	--
Valley City Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Valley City (ND)	--	--	--	--	--	--	--	--	--	--	--
Vandalia Municipal Utilities	--	3	--	--	--	--	--	*	--	--	2
Vandalia (MO)	--	3	--	--	--	--	--	*	--	--	2
Vermillion City Of	--	--	--	--	--	--	--	--	--	--	--
Vermillion (SD)	--	--	--	--	--	--	--	--	--	--	--
Vermont Electric Cooperative	--	--	--	959	--	--	--	--	--	--	--
N Hartland (VT)	--	--	--	959	--	--	--	--	--	--	--
Vermont Marble Company	--	7	--	5,261	--	--	--	*	--	--	12
Beldens (VT)	--	--	--	2,179	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Vermont Marble Company											
Center Rutland (VT)	--	--	--	211	--	--	--	--	--	--	--
Florence (VT)	--	7	--	--	--	--	--	*	--	--	12
Proctor (VT)	--	--	--	2,871	--	--	--	--	--	--	--
Vermont Yankee Nuclear Power Co	--	--	--	--	376,426	--	--	--	--	--	--
Vt. Yankee (VT)	--	--	--	--	376,426	--	--	--	--	--	--
Vero Beach Mun Pwr System	--	-5	33,910	--	--	--	--	--	308	--	68
Municipal Plant (FL)	--	-5	33,910	--	--	--	--	--	308	--	68
Villisca Mun Pwr Plant	--	--	--	--	--	--	--	--	--	--	--
Villisca (IA)	--	--	--	--	--	--	--	--	--	--	--
Vineland Electric Utility	--	25	--	--	--	--	--	*	--	7	28
Down, Howard (NJ)	--	--	--	--	--	--	--	--	--	7	19
West (NJ)	--	25	--	--	--	--	--	*	--	--	9
Vinton Municipal Lt Plant	--	10	22	--	--	--	--	*	*	--	*
Vinton (IA)	--	10	22	--	--	--	--	*	*	--	*
Viola Municipal Elec Utility	--	--	--	--	--	--	--	--	--	--	--
Viola (WI)	--	--	--	--	--	--	--	--	--	--	--
Virginia Electric & Power Co	1,524,904	8,639	18,525	14,111	2,340,449	--	603	15	174	2,370	2,190
* Central Storage *	--	--	--	--	--	--	--	--	--	--	974
Bath County (VA)	--	--	--	-80,648	--	--	--	--	--	--	--
Bremo Bluff (VA)	86,240	269	--	--	--	--	34	*	--	134	3
Chesapeake (VA)	258,895	641	14	--	--	--	98	1	*	275	30
Chesterfield (VA)	307,024	275	18,442	--	--	--	118	*	173	594	120
Cushaw (VA)	--	--	--	3,186	--	--	--	--	--	--	--
Darbytown (VA)	--	--	56	--	--	--	--	--	1	--	89
Gaston (NC)	--	--	--	45,975	--	--	--	--	--	--	--
Gravel Neck (VA)	--	--	--	--	--	--	--	--	--	--	115
Kitty Hawk (NC)	--	--	--	--	--	--	--	--	--	--	22
Low Moor (VA)	--	--	--	--	--	--	--	--	--	--	25
Mt Storm (WV)	648,281	6,441	--	--	--	--	265	11	--	1,083	33
North Anna (VA)	--	--	--	475	1,342,467	--	--	--	--	--	--
Northern Neck (VA)	--	7	--	--	--	--	--	*	--	--	21
Possum Point (VA)	156,457	388	--	--	--	--	63	1	--	152	608
Roanoke Rapids (NC)	--	--	--	45,123	--	--	--	--	--	--	--
Surry (VA)	--	--	--	--	997,982	--	--	--	--	--	--
Yorktown (VA)	68,007	618	13	--	--	--	26	1	*	131	150
Virginia Pub Utils Comm	4,033	--	127	--	--	--	3	--	2	--	--
Virginia (MN)	4,033	--	127	--	--	--	3	--	2	--	--
Wahoo Municipal Light Plant	--	12	144	--	--	--	--	*	1	--	*
Wahoo (NE)	--	12	144	--	--	--	--	*	1	--	*
Wallingford City Of	--	--	--	--	--	--	--	--	--	--	4
Pierce (CT)	--	--	--	--	--	--	--	--	--	--	4
Wamego City Of	--	--	--	--	--	--	--	*	1	--	1
Wamego (KS)	--	--	--	--	--	--	--	*	1	--	1
Warren City Of	--	--	--	--	--	--	--	--	--	--	--
Warren (MN)	--	--	--	--	--	--	--	--	--	--	--
Washington City Of	--	1	13	--	--	--	--	*	*	--	*
Washington (KS)	--	1	13	--	--	--	--	*	*	--	*
Washington Electric Cooperative	--	--	--	249	--	--	--	--	--	--	--
Wrightsville (VT)	--	--	--	249	--	--	--	--	--	--	--
Washington Island Elec Coop	--	3	--	--	--	--	--	*	--	--	1
Washington Island (WI)	--	3	--	--	--	--	--	*	--	--	1

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 (bbis)	Gas (Mcf)	Coal (short tons)	Petro- leum (bbis)
Washington Public Power Supply											
Sys	--	--	--	13,098	-6,999	--	--	--	--	--	--
Packwood (WA)	--	--	--	13,098	--	--	--	--	--	--	--
WNP-2 (WA)	--	--	--	--	-6,999	--	--	--	--	--	--
Washington Wtr Pwr Co, The											
Cabinet Gorge (ID)	--	--	--	473,130	--	-290	--	--	--	--	--
Kettle Fls (WA)	--	--	--	134,946	--	--	--	--	--	--	--
Little Falls (WA)	--	--	--	--	--	-290	--	--	--	--	--
Long Lake (WA)	--	--	--	22,904	--	--	--	--	--	--	--
Meyers Falls (WA)	--	--	--	50,139	--	--	--	--	--	--	--
Monroe Street (WA)	--	--	--	671	--	--	--	--	--	--	--
Nine Mile (WA)	--	--	--	1,898	--	--	--	--	--	--	--
Northeast (WA)	--	--	--	12,010	--	--	--	--	--	--	--
Noxon Rapids (MT)	--	--	--	--	--	--	--	--	--	--	--
Post Falls (ID)	--	--	--	234,270	--	--	--	--	--	--	--
Upper Falls (WA)	--	--	--	9,931	--	--	--	--	--	--	--
	--	--	--	6,361	--	--	--	--	--	--	--
Waterloo City Light & Power											
Waterloo (IL)	--	3	--	--	--	--	--	*	--	--	1
	--	3	--	--	--	--	--	*	--	--	1
Watertown City Of											
Watertown (NY)	--	--	--	1,622	--	--	--	--	--	--	--
	--	--	--	1,622	--	--	--	--	--	--	--
Wauchula City Of											
Wauchula (FL)	--	--	--	--	--	--	--	--	--	--	2
	--	--	--	--	--	--	--	--	--	--	2
Waverly City Of											
East Hydro (IA)	--	--	--	224	--	--	--	--	--	--	*
East Plant (IA)	--	--	--	224	--	--	--	--	--	--	--
North Plant (IA)	--	--	--	--	--	--	--	--	--	--	*
Wayne City Of											
Wayne (NE)	--	20	--	--	--	--	--	*	--	--	1
	--	20	--	--	--	--	--	*	--	--	1
Weatherford City Of											
Weatherford (TX)	--	--	--	--	--	--	--	--	--	--	--
Weber Basin Water Conservancy											
Dist	--	--	--	4,047	--	--	--	--	--	--	--
Gateway (UT)	--	--	--	2,889	--	--	--	--	--	--	--
Wanship (UT)	--	--	--	1,158	--	--	--	--	--	--	--
Webster City Mun Lt & Pwr											
Webster City (IA)	--	--	--	--	--	--	--	--	--	--	--
Wellington City Of											
Wellington (KS)	--	--	140	--	--	--	--	--	3	--	3
Wellington (KS)	--	--	--	--	--	--	--	--	--	--	2
Wellington (KS)	--	--	140	--	--	--	--	--	3	--	1
Wells Electric Association											
Wells (MN)	--	--	--	--	--	--	--	--	--	--	*
	--	--	--	--	--	--	--	--	--	--	*
West Bend Mun Power Plant											
West Bend (IA)	--	--	14	--	--	--	--	*	*	--	*
	--	--	14	--	--	--	--	*	*	--	*
West Liberty Municipal Elec Util ..											
West Liberty (IA)	--	9	--	--	--	--	--	*	*	--	1
	--	9	--	--	--	--	--	*	*	--	1
West Penn Power Co (APS)											
Armstrong (PA)	1,059,559	557	263	5,697	--	--	408	1	2	1,154	73
Hatfields Ferry (PA)	190,338	231	--	--	--	--	76	*	--	178	*
Lake Lynn (WV)	755,157	326	--	--	--	--	292	1	--	868	5
Mitchell (PA)	--	--	--	5,697	--	--	--	--	--	--	--
Springdale (PA)	114,064	--	263	--	--	--	40	--	2	109	68
West Point Light & Water Works											
West Point (NE)	--	4	30	--	--	--	--	*	*	--	*
	--	4	30	--	--	--	--	*	*	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
West Texas Utilities Co (CSW)	375,323	609	329,368	--	--	--	228	1	3,522	498	289
Abilene (TX)	--	--	-28	--	--	--	--	--	*	--	4
Fort Phantom (TX)	--	--	155,948	--	--	--	--	--	1,647	--	101
Ft Stockton (TX)	--	--	--	--	--	--	--	--	--	--	--
Lake Pauline (TX)	--	--	-112	--	--	--	--	--	--	--	18
Oak Creek (TX)	--	--	38,752	--	--	--	--	--	409	--	28
Oklahoma (TX)	375,323	609	--	--	--	--	228	1	--	498	4
Paint Creek (TX)	--	--	9,757	--	--	--	--	--	128	--	80
Presidio (TX)	--	--	--	--	--	--	--	--	--	--	1
Rio Pecos (TX)	--	--	54,642	--	--	--	--	--	645	--	24
San Angelo (TX)	--	--	70,409	--	--	--	--	--	693	--	28
Vernon (TX)	--	--	--	--	--	--	--	--	--	--	1
Westbrook Mun Lt & Pwr Plant ..	--	--	--	--	--	--	--	--	--	--	--
Westbrook (MN)	--	--	--	--	--	--	--	--	--	--	--
Western Farmers Elec Coop	221,793	251	48,582	--	--	--	140	*	446	242	35
Anadarko (OK)	--	--	48,582	--	--	--	--	--	446	--	33
Hugo (OK)	221,793	251	--	--	--	--	140	*	--	242	1
Mooreland (OK)	--	--	--	--	--	--	--	--	--	--	--
Western Mass Electric Co (NU) ..	--	-89	-17	-12,546	--	--	--	1	2	--	150
Cabot (MA)	--	--	--	27,369	--	--	--	--	--	--	--
Cobble Mountain (MA)	--	--	--	1,347	--	--	--	--	--	--	--
Doreen (MA)	--	-12	--	--	--	--	--	--	--	--	1
Dwight (MA)	--	--	--	393	--	--	--	--	--	--	--
Gardners Falls (MA)	--	--	--	1,321	--	--	--	--	--	--	--
Indian Orchard (MA)	--	--	--	1,476	--	--	--	--	--	--	--
Northfield Mountain (MA)	--	--	--	-49,829	--	--	--	--	--	--	--
Putts Bridge (MA)	--	--	--	1,914	--	--	--	--	--	--	--
Red Bridge (MA)	--	--	--	2,250	--	--	--	--	--	--	--
Silver Lake (MA)	--	--	--	--	--	--	--	--	--	--	--
Turners Falls (MA)	--	--	--	1,213	--	--	--	--	--	--	--
West Springfield (MA)	--	-67	-17	--	--	--	--	1	2	--	148
Woodland Road (MA)	--	-10	--	--	--	--	--	--	--	--	1
Western Resources, Inc	1,104,909	704	3,931	--	--	--	744	1	67	1,343	164
Abilene (KS)	--	--	--	--	--	--	--	--	--	--	16
Hutchinson (KS)	--	--	346	--	--	--	--	--	16	--	101
Jeffrey (KS)	973,394	704	--	--	--	--	663	1	--	824	38
Lawrence (KS)	44,728	--	1,917	--	--	--	33	--	31	419	3
Neosho (KS)	--	--	--	--	--	--	--	--	--	--	--
Tecumseh (KS)	86,787	--	1,668	--	--	--	48	--	21	100	7
WestPlains Energy	20,758	19	6,347	--	--	--	12	*	136	6	83
Cimarron River (KS)	--	--	-801	--	--	--	--	--	15	--	--
Clark, W N (CO)	20,758	--	--	--	--	--	12	--	--	6	--
Clifton (KS)	--	--	-1	--	--	--	--	--	--	--	6
Judson Large (KS)	--	--	2,764	--	--	--	--	--	46	--	43
Mullergren, Arthur (KS)	--	--	-160	--	--	--	--	--	--	--	22
Pueblo (CO)	--	--	4,545	--	--	--	--	--	75	--	5
Rocky Ford (CO)	--	19	--	--	--	--	--	*	--	--	7
Whitesboro Electric Utility	--	--	--	--	--	--	--	--	--	--	--
Whitesboro (TX)	--	--	--	--	--	--	--	--	--	--	--
Whittemore Mun Lt & Pwr Co	--	--	--	--	--	--	--	--	--	--	--
Whittemore (IA)	--	--	--	--	--	--	--	--	--	--	--
Wilber City Of	--	--	--	--	--	--	--	--	--	--	--
Wilber (NE)	--	--	--	--	--	--	--	--	--	--	--
Willmar Municipal Util Comm	2,049	--	3	--	--	--	3	--	*	6	--
Willmar (MN)	2,049	--	3	--	--	--	3	--	*	6	--
Wilton Mun Lt & Pwr System	--	--	--	--	--	--	--	--	--	--	--
Wilton Junction (IA)	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
Windom Municipal Utilities	--	--	--	--	--	--	--	--	--	--	--
Windom (MN)	--	--	--	--	--	--	--	--	--	--	--
Winfield Mun Light & Power Plt ..	--	--	1,391	--	--	--	--	--	17	--	6
Winfield (KS)	--	--	269	--	--	--	--	--	3	--	--
Winfield (KS)	--	--	1,122	--	--	--	--	--	14	--	6
Winnetka, Village Of	--	43	--	--	--	--	--	*	--	*	2
Winnetka (IL)	--	43	--	--	--	--	--	*	--	*	2
Winterset City Of	--	7	25	--	--	--	--	*	1	--	1
Winterset (IA)	--	7	25	--	--	--	--	*	1	--	1
Wisconsin Electric Power Co	1,072,352	982	9,083	51,371	647,281	--	581	2	98	1,835	53
* Central Storage *	--	--	--	--	--	--	--	--	--	--	18
Appleton (WI)	--	--	--	1,244	--	--	--	--	--	--	--
Big Quinnesec 61 (MI)	--	--	--	11,949	--	--	--	--	--	--	--
Big Quinnesec 92 (MI)	--	--	--	2,291	--	--	--	--	--	--	--
Brule (MI)	--	--	--	4,335	--	--	--	--	--	--	--
Chalk Hill (MI)	--	--	--	--	--	--	--	--	--	--	--
Germantown (WI)	--	77	--	--	--	--	--	*	--	--	12
Hemlock Falls (MI)	--	--	--	1,217	--	--	--	--	--	--	--
Kingsford (MI)	--	--	--	3,593	--	--	--	--	--	--	--
Lower Paint (MI)	--	--	--	55	--	--	--	--	--	--	--
Michigamme Falls (MI)	--	--	--	4,852	--	--	--	--	--	--	--
Oconto Falls (WI)	--	--	--	961	--	--	--	--	--	--	--
Peavy Falls (MI)	--	--	--	8,454	--	--	--	--	--	--	--
Pine (WI)	--	--	--	2,715	--	--	--	--	--	--	--
Pleasant Prairie (WI)	474,698	17	1,445	--	--	--	303	*	15	1,024	7
Point Beach (WI)	--	57	--	--	647,281	--	--	*	--	--	3
Port Washington (WI)	1,342	-26	424	--	--	--	2	*	8	135	3
Presque Isle (MI)	194,325	472	--	--	--	--	109	1	--	445	5
South Oak Creek (WI)	374,079	383	7,099	--	--	--	150	1	71	174	4
Sturgeon (MI)	--	--	--	426	--	--	--	--	--	--	--
Twin Falls (MI)	--	--	--	3,842	--	--	--	--	--	--	--
Valley (WI)	27,908	2	115	--	--	--	17	*	4	58	*
Way (MI)	--	--	--	668	--	--	--	--	--	--	--
Weyauwega (WI)	--	--	--	84	--	--	--	--	--	--	--
White Rapids (MI)	--	--	--	4,685	--	--	--	--	--	--	--
Wisconsin Power & Light Co	804,474	1,241	196	26,290	--	1,563	458	2	4	1,021	11
Blackhawk (WI)	--	--	48	147	--	--	--	--	1	--	--
Columbia (WI)	423,351	551	--	--	--	--	252	1	--	506	3
Dewey, Nelson (WI)	81,147	124	--	--	--	1,045	45	*	--	188	*
Edgewater (WI)	280,917	507	--	--	--	--	150	1	--	276	2
Janesville (WI)	--	--	--	189	--	--	--	--	--	--	--
Kilbourn (WI)	--	--	--	6,602	--	--	--	--	--	--	--
Portable (WI)	--	--	--	--	--	--	--	--	--	--	--
Prairie Du Sac (WI)	--	--	--	18,919	--	--	--	--	--	--	--
Rock River (WI)	19,059	59	128	--	--	518	11	*	2	51	2
Shawano (WI)	--	--	--	433	--	--	--	--	--	--	--
Sheepskin (WI)	--	--	20	--	--	--	--	--	*	--	4
Wisconsin Public Service Corp	249,807	316	2,295	38,591	390,753	--	151	1	33	256	29
Alexander (WI)	--	--	--	2,725	--	--	--	--	--	--	--
Caldron Falls (WI)	--	--	--	3,359	--	--	--	--	--	--	--
Eagle River (WI)	--	--	--	--	--	--	--	--	--	--	1
Grand Rapids (MI)	--	--	--	4,873	--	--	--	--	--	--	--
Grandfather Falls (WI)	--	--	--	10,595	--	--	--	--	--	--	--
Hat Rapids (WI)	--	--	--	1,177	--	--	--	--	--	--	--
High Falls (WI)	--	--	--	3,374	--	--	--	--	--	--	--
Jersey (WI)	--	--	--	278	--	--	--	--	--	--	--
Johnson Falls (WI)	--	--	--	2,079	--	--	--	--	--	--	--
Kewaunee (WI)	--	--	--	--	390,753	--	--	--	--	--	--
Kewaunee (WI)	--	--	--	--	--	--	--	--	--	--	--
Merrill (WI)	--	--	--	1,152	--	--	--	--	--	--	--
Otter Rapids (WI)	--	--	--	282	--	--	--	--	--	--	--
Peshigo (WI)	--	--	--	378	--	--	--	--	--	--	--

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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 Public Service Corp											
Potato Rapids (WI)	--	--	--	754	--	--	--	--	--	--	--
Pulliam (WI)	127,530	--	1,074	--	--	--	77	--	14	117	1
Sandstone Rapids (WI)	--	--	--	2,154	--	--	--	--	--	--	--
Tomahawk (WI)	--	--	--	1,423	--	--	--	--	--	--	--
Wausau (WI)	--	--	--	3,988	--	--	--	--	--	--	--
West Marinette (WI)	--	98	540	--	--	--	--	*	11	--	11
Weston (WI)	122,277	218	681	--	--	--	74	*	8	139	17
Wisconsin River Power Company	--	--	--	25,652	--	--	--	--	--	--	--
Castle Rock (WI)	--	--	--	12,082	--	--	--	--	--	--	--
Petenwell (WI)	--	--	--	13,570	--	--	--	--	--	--	--
Wisner Elec Lt & Wtr Dept	--	--	--	--	--	--	--	--	--	--	--
Wisner (NE)	--	--	--	--	--	--	--	--	--	--	--
Wolf Creek Nuclear Corporation ..	--	--	--	--	357,016	--	--	--	--	--	--
Wolf Creek (KS)	--	--	--	--	357,016	--	--	--	--	--	--
Wolverine Power Corporation	--	--	--	4,502	--	--	--	--	--	--	--
Edenville (MI)	--	--	--	2,314	--	--	--	--	--	--	--
Sanford (MI)	--	--	--	1,285	--	--	--	--	--	--	--
Secord (MI)	--	--	--	500	--	--	--	--	--	--	--
Smallwood (MI)	--	--	--	403	--	--	--	--	--	--	--
Wolverine Power Supply Coop	3,792	104	-5	875	--	--	2	*	1	11	8
Advance (MI)	3,792	150	--	--	--	--	2	*	--	11	*
Beaver Island (MI)	--	-5	--	--	--	--	--	--	--	--	2
Johnson, George (MI)	--	--	-5	--	--	--	--	*	1	--	1
Kleber (MI)	--	--	--	651	--	--	--	--	--	--	--
Scottville (MI)	--	-11	--	--	--	--	--	--	--	--	*
Tower (MI)	--	-19	--	--	--	--	--	--	--	--	4
Tower Hydro (MI)	--	--	--	224	--	--	--	--	--	--	--
Vandyke, Claude (MI)	--	-43	--	--	--	--	--	*	--	--	*
Vestaburg (MI)	--	30	--	--	--	--	--	*	--	--	1
Winder, C A (MI)	--	2	--	--	--	--	--	*	--	--	*
Woodsfield Elec Light Plant	--	--	--	--	--	--	--	--	--	--	--
Anadarko (OH)	--	--	--	--	--	--	--	--	--	--	--
Wrangell Light Plant	--	18	--	--	--	--	--	*	--	--	*
Wrangell (AK)	--	18	--	--	--	--	--	*	--	--	*
Wyandotte Dept Of Mun Service ..	13,644	--	--	--	--	--	9	--	--	26	--
Wyandotte (MI)	13,644	--	--	--	--	--	9	--	--	26	--
Yadkin, Inc	--	--	--	98,903	--	--	--	--	--	--	--
Falls (NC)	--	--	--	15,505	--	--	--	--	--	--	--
High Rock (NC)	--	--	--	17,647	--	--	--	--	--	--	--
Narrows (NC)	--	--	--	49,282	--	--	--	--	--	--	--
Tuckertown (NC)	--	--	--	16,469	--	--	--	--	--	--	--
Yakutat Power Inc	--	427	--	--	--	--	--	1	--	--	*
Yakutat (AK)	--	427	--	--	--	--	--	1	--	--	*
Yazoo City Public Service Comm ..	--	--	--	--	--	--	--	--	--	--	--
Yazoo (MS)	--	--	--	--	--	--	--	--	--	--	--
Yuba County Water Agency	--	--	--	241,318	--	--	--	--	--	--	--
Fish Power (CA)	--	--	--	114	--	--	--	--	--	--	--
New Colgate (CA)	--	--	--	202,122	--	--	--	--	--	--	--
New Narrows (CA)	--	--	--	39,082	--	--	--	--	--	--	--
Yuma City Of	--	--	--	--	--	--	--	--	--	--	--
Yuma (CO)	--	--	--	--	--	--	--	--	--	--	--
Zeeland Board Of Public Works ..	--	14	271	--	--	--	--	*	3	--	*
Zeeland (MI)	--	14	271	--	--	--	--	*	3	--	*

See footnotes at end of table.

Table 62. U.S. Electric Utility Net Generation, Fuel Consumption, and Fuel Stocks by Company and Plant, May 1993 (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)
U. S. Total	120,878,371	5,267,964	15,843,187	29,323,301	50,366,855	716,304	60,102	8,590	167,146	150,070	65,103

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

^{*} Less than 0.5.

Notes: •Totals may not equal sum of components because of independent rounding. •Net generation for jointly owned units is reported by the operator. •Negative generation denotes that electric power consumed for plant use exceeds gross generation. •Station losses include energy used for pumped storage. •Generation is included for plants in test status. •Nuclear generation is included for those plants with an operating license issued authorizing fuel loading/low power testing prior to receipt of full power amendment. •Central storage is a common area for fuel stocks not assigned to specific plants. •Mcf = thousand cubic feet and bbls = barrels. •Data for 1992 are final. •Holding Companies are: **AEP** is American Electric Power, **APS** is Allegheny Power System, **ACE** is Atlantic City Electric, **CSW** is Central & South West Corporation, **CES** is Commonwealth Energy System, **DMV** is Delmarva, **EU** is Eastern Utilities Associates Company, **GPS** is General Public Utilities, **MSU** is Middle South Utilities, **NEES** is New England Electric System, **NU** is Northeast Utilities, **SC** is Southern Company, **TU** is Texas Utilities.

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

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

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Alabama Electric Coop Inc	167	146.6	35.21	1.30	1	444.5	24.36	0.10	--	--	--	100	*	--
Lowman (AL)	167	146.6	35.21	1.30	1	444.5	24.36	.10	--	--	--	100	*	--
Alabama Power Co	1,620	204.5	49.77	1.15	2	429.3	25.13	.00	259	316.0	3.18	99	*	1
Barry (AL)	93	220.0	54.01	.91	--	--	--	--	16	300.0	3.19	99	--	1
Gadsden (AL)	--	--	--	--	--	--	--	--	5	303.4	3.05	--	--	100
Gaston (AL)	438	181.2	43.48	1.53	1	423.2	24.77	.00	--	--	--	100	*	--
Gorgas 2 and 3 (AL)	501	180.3	42.93	1.30	1	444.1	25.99	.00	--	--	--	100	*	--
Greene (AL)	104	134.2	32.96	1.44	1	424.5	24.85	.00	--	--	--	100	*	--
James Miller (AL)	485	260.5	65.29	.62	--	--	--	--	238	317.4	3.18	98	--	2
American Municipal Power	74	91.8	21.00	4.87	--	--	--	--	11	370.2	3.85	99	--	1
Gorsuch (OH)	74	91.8	21.00	4.87	--	--	--	--	11	370.2	3.85	99	--	1
Ames City of	18	135.5	23.64	.21	1	432.4	25.72	.30	--	--	--	99	1	--
Ames (IA)	18	135.5	23.64	.21	1	432.4	25.72	.30	--	--	--	99	1	--
Anchorage City of	--	--	--	--	--	--	--	--	476	225.8	2.26	--	--	100
George Sullivan (AK)	--	--	--	--	--	--	--	--	476	225.8	2.26	--	--	100
Appalachian Power Co	801	169.5	42.43	.74	1	² 526.4	30.92	.00	--	--	--	100	*	--
Amos (WV)	370	195.4	48.54	.78	*	475.9	27.96	.00	--	--	--	100	*	--
Clinch River (VA)	130	128.1	32.50	.71	--	--	--	--	--	--	--	100	--	--
Glen Lyn (VA)	44	140.9	36.50	.89	1	444.5	26.20	.00	--	--	--	100	*	--
Mountaineer (WV)	256	158.9	39.66	.66	*	² 1,047.6	60.42	.00	--	--	--	100	*	--
Arizona Electric Pwr Coop Inc	115	127.0	25.36	.40	--	--	--	--	739	243.9	2.52	75	--	25
Apache (AZ)	115	127.0	25.36	.40	--	--	--	--	739	243.9	2.52	75	--	25
Arizona Public Service Co	1,014	114.1	20.62	.67	--	--	--	--	693	380.3	3.90	96	--	4
Cholla (AZ)	266	121.1	24.22	.41	--	--	--	--	4	389.4	4.01	100	--	*
Four Corners (NM)	748	111.2	19.34	.76	--	--	--	--	44	395.8	3.99	100	--	*
Ocotillo (AZ)	--	--	--	--	--	--	--	--	95	406.0	4.19	--	--	100
Phoenix (AZ)	--	--	--	--	--	--	--	--	425	407.0	4.16	--	--	100
Saguaro (AZ)	--	--	--	--	--	--	--	--	19	404.0	4.15	--	--	100
Yucca (AZ)	--	--	--	--	--	--	--	--	106	241.0	2.50	--	--	100
Arkansas Power & Light Co	730	197.0	34.07	.40	7	472.7	27.15	.30	269	153.6	1.71	97	*	2
Couch (AR)	--	--	--	--	--	--	--	--	269	153.6	1.71	--	--	100
Independence (AR)	153	247.6	43.73	.20	7	472.9	27.16	.30	--	--	--	99	1	--
Whitebluff (AR)	576	183.2	31.50	.45	*	460.5	26.44	.30	--	--	--	100	*	--
Associated Electric Coop Inc	276	121.6	27.01	3.07	--	--	--	--	--	--	--	100	--	--
Madrid (MO)	276	121.6	27.01	3.07	--	--	--	--	--	--	--	100	--	--
Atlantic City Electric Co	65	165.9	43.02	2.33	1	455.3	26.36	.10	67	258.1	2.69	96	*	4
Deepwater (NJ)	3	172.9	44.23	.80	*	450.3	25.66	.10	67	258.1	2.69	55	1	45
England (NJ)	62	165.5	42.96	2.41	1	456.8	26.59	.10	--	--	--	100	*	--
Austin City of	--	--	--	--	--	--	--	--	1,678	287.0	2.91	--	--	100
Decker Creek (TX)	--	--	--	--	--	--	--	--	1,159	287.0	2.91	--	--	100
Holly (TX)	--	--	--	--	--	--	--	--	519	287.0	2.91	--	--	100
Baltimore Gas & Electric Co	269	153.7	39.27	.77	72	249.5	15.66	.98	190	319.0	3.36	91	6	3
Brandon Shores (MD)	211	152.0	38.55	.69	2	411.9	23.96	.18	--	--	--	100	*	--
Crane (MD)	23	164.9	43.47	1.27	--	--	--	--	--	--	--	100	--	--
Gould St (MD)	--	--	--	--	14	242.6	15.19	1.00	--	--	--	--	100	--
Riverside (MD)	--	--	--	--	--	--	--	--	69	319.6	3.36	--	--	100
Wagner (MD)	35	156.8	40.81	.86	56	245.8	15.48	1.00	121	318.7	3.35	65	25	9
Basin Electric Power Coop	1,082	64.3	9.38	.47	3	472.0	27.33	.34	--	--	--	100	*	--
Antelope Valley (ND)	321	67.9	9.03	.53	3	472.0	27.33	.34	--	--	--	100	*	--
Laramie River (WY)	456	50.4	8.24	.37	--	--	--	--	--	--	--	100	--	--
Leland Olds (ND)	306	86.1	11.44	.57	--	--	--	--	--	--	--	100	--	--

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		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			
Big Rivers Electric Corp	350	117.1	26.49	2.98	--	--	--	--	2	340.4	3.40	100	--	*
Coleman (KY)	127	95.1	21.43	2.38	--	--	--	--	2	340.4	3.40	100	--	*
R D Green (KY)	115	125.9	26.40	3.73	--	--	--	--	--	--	--	100	--	--
Reid-Henderson (KY)	74	128.1	31.83	2.74	--	--	--	--	--	--	--	100	--	--
Wilson (KY)	33	144.6	34.24	3.17	--	--	--	--	--	--	--	100	--	--
Boston Edison Co	--	--	--	--	800	248.6	15.91	0.85	2,135	301.0	3.09	--	70	30
Mystic (MA)	--	--	--	--	635	241.1	15.46	.95	1	450.9	4.90	--	100	*
New Boston (MA)	--	--	--	--	165	277.6	17.63	.47	2,134	300.9	3.09	--	32	68
Braintree City of	--	--	--	--	--	--	--	--	60	274.0	2.82	--	--	100
Potter Station (MA)	--	--	--	--	--	--	--	--	60	274.0	2.82	--	--	100
Brazos Electric Power Coop Inc	--	--	--	--	--	--	--	--	995	232.5	2.37	--	--	100
Miller (TX)	--	--	--	--	--	--	--	--	919	229.0	2.32	--	--	100
North Texas (TX)	--	--	--	--	--	--	--	--	76	273.0	2.92	--	--	100
Bryan City of	--	--	--	--	--	--	--	--	499	217.2	2.28	--	--	100
Bryan (TX)	--	--	--	--	--	--	--	--	58	210.3	2.20	--	--	100
Dansby (TX)	--	--	--	--	--	--	--	--	441	218.1	2.30	--	--	100
Burbank City of	--	--	--	--	--	--	--	--	84	349.4	3.58	--	--	100
Magnolia-Olive (CA)	--	--	--	--	--	--	--	--	84	349.4	3.58	--	--	100
Burlington City of	--	--	--	--	--	--	--	--	18	228.6	2.28	--	--	100
J C McNeil (VT)	--	--	--	--	--	--	--	--	18	228.6	2.28	--	--	100
Cajun Electric Power Corp Inc	523	151.6	25.21	.44	3	418.9	24.63	.00	199	230.0	2.39	98	*	2
Big Cajun No.1 (LA)	--	--	--	--	--	--	--	--	199	230.0	2.39	--	--	100
Big Cajun No.2 (LA)	523	151.6	25.21	.44	3	418.9	24.63	.00	--	--	--	100	*	--
Cambridge Electric Light Co	--	--	--	--	--	--	--	--	61	266.1	2.87	--	--	100
Kendall Square (MA)	--	--	--	--	--	--	--	--	61	266.1	2.87	--	--	100
Canal Electric Co	--	--	--	--	292	250.4	15.95	.97	--	--	--	--	100	--
Canal (MA)	--	--	--	--	292	250.4	15.95	.97	--	--	--	--	100	--
Cardinal Operating Co	315	132.1	32.69	2.12	--	--	--	--	--	--	--	100	--	--
Cardinal (OH)	315	132.1	32.69	2.12	--	--	--	--	--	--	--	100	--	--
Carolina Power & Light Co	833	169.9	42.53	.94	10	434.4	25.18	.20	--	--	--	100	*	--
Asheville (NC)	83	128.7	33.88	1.05	*	426.2	24.70	.20	--	--	--	100	*	--
Cape Fear (NC)	33	210.6	53.39	.97	--	--	--	--	--	--	--	100	--	--
Lee (NC)	39	189.6	48.13	1.04	--	--	--	--	--	--	--	100	--	--
Mayo (NC)	201	191.3	46.13	.71	2	436.2	25.28	.20	--	--	--	100	*	--
Robinson (SC)	37	198.5	50.05	1.03	*	466.3	27.03	.20	--	--	--	100	*	--
Roxboro (NC)	330	165.5	41.50	1.02	8	433.5	25.13	.20	--	--	--	99	1	--
Sutton (NC)	81	149.1	38.10	.92	--	--	--	--	--	--	--	100	--	--
Weatherspoon (NC)	30	149.7	37.04	1.01	--	--	--	--	--	--	--	100	--	--
Cedar Falls City of	--	--	--	--	--	--	--	--	1	378.3	3.78	--	--	100
Streeter (IA)	--	--	--	--	--	--	--	--	1	378.3	3.78	--	--	100
Centel Corp	--	--	--	--	--	--	--	--	37	278.9	3.03	--	--	100
Cimarron River (KS)	--	--	--	--	--	--	--	--	14	376.8	4.94	--	--	100
Large (KS)	--	--	--	--	--	--	--	--	23	197.7	1.88	--	--	100
Central Electric Pwr Coop-MO	7	130.7	28.96	2.73	--	--	--	--	--	--	--	100	--	--
Chamois (MO)	7	130.7	28.96	2.73	--	--	--	--	--	--	--	100	--	--
Central Hudson Gas & Elec Corp	40	184.3	47.91	.56	--	--	--	--	1	540.1	5.49	100	--	*
Danskammer (NY)	40	184.3	47.91	.56	--	--	--	--	1	540.1	5.49	100	--	*
Centra¹ Illinois Light Co	119	156.9	37.42	2.13	2	463.8	26.84	.18	--	--	--	100	*	--
Duck Creek (IL)	56	156.6	33.83	3.44	1	463.2	26.81	.19	--	--	--	100	*	--
Edwards (IL)	63	157.1	40.61	.96	1	464.5	26.87	.17	--	--	--	100	*	--

See notes and footnotes at end of table

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 tons)	Average Cost ²		Avg. Sul- fur %	Receipts (1,000 bbls)	Average Cost ²		Avg. Sul- fur %	Receipts (1,000 Mcf)	Average Cost ²		Coal	Pe- tro- leum	Gas
		(Cents per 10 ⁶ Btu)	(\$ per short ton)			(Cents per 10 ⁶ Btu)	\$ per bbl			(Cents per 10 ⁶ Btu)	\$ per Mcf			
Central Illinois Pub Serv Co	520	152.8	33.88	2.13	*	449.7	26.09	0.23	--	--	--	100	*	--
Coffeen (IL)	161	160.3	33.45	2.87	*	443.4	25.79	19	--	--	--	100	*	--
Grand Tower (IL)	--	--	--	--	--	459.3	26.53	28	--	--	--	--	100	--
Hutsonville (IL)	5	117.1	25.77	2.18	--	--	--	--	--	--	--	100	--	--
Meredosia (IL)	35	155.8	35.53	3.12	--	--	--	--	--	--	--	100	--	--
Newton (IL)	319	149.5	34.04	1.64	--	--	--	--	--	--	--	100	--	--
Central Iowa Power Coop	10	115.7	25.66	3.18	--	--	--	--	1	419.7	4.24	100	--	*
Fair Station (IA)	10	115.7	25.66	3.18	--	--	--	--	1	419.7	4.24	100	--	*
Central Louisiana Elec Co Inc	465	157.7	24.07	.50	--	--	--	--	1,375	306.5	3.18	83	--	17
Coughlin (LA)	--	--	--	--	--	--	--	--	138	308.0	3.25	--	--	100
Dolet Hills (LA)	277	139.0	19.39	.54	--	--	--	--	41	308.0	3.14	99	--	1
Rodemacher (LA)	188	180.1	30.95	.45	--	--	--	--	10	308.0	3.09	100	--	*
Teche (LA)	--	--	--	--	--	--	--	--	1,186	306.2	3.17	--	--	100
Central Maine Power Co	--	--	--	--	*	421.4	24.51	.23	--	--	--	--	100	--
Wynan (ME)	--	--	--	--	*	421.4	24.61	.23	--	--	--	--	100	--
Central Nebraska Pub P&I Dist	--	--	--	--	--	--	--	--	*	554.8	5.17	--	--	100
Canaday (NE)	--	--	--	--	--	--	--	--	*	554.8	5.17	--	--	100
Central Operating Co	105	166.6	41.57	1.29	*	832.5	47.76	.00	--	--	--	100	*	--
Sporn (WV)	105	166.6	41.57	1.29	*	832.5	47.76	.00	--	--	--	100	*	--
Central Power & Light Co	128	214.1	44.52	.38	--	--	--	--	7,809	269.6	2.78	25	--	75
Bates (TX)	--	--	--	--	--	--	--	--	521	254.7	2.65	--	--	100
Coletto Creek (TX)	128	214.1	44.52	.38	--	--	--	--	--	--	--	100	--	--
Davis (TX)	--	--	--	--	--	--	--	--	1,857	257.5	2.63	--	--	100
Hill (TX)	--	--	--	--	--	--	--	--	1,441	282.2	2.89	--	--	100
Joslin (TX)	--	--	--	--	--	--	--	--	706	270.3	2.80	--	--	100
La Palma (TX)	--	--	--	--	--	--	--	--	680	253.3	2.67	--	--	100
Laredo (TX)	--	--	--	--	--	--	--	--	565	297.7	3.12	--	--	100
Nueces Bay (TX)	--	--	--	--	--	--	--	--	1,538	270.6	2.79	--	--	100
Victoria (TX)	--	--	--	--	--	--	--	--	502	280.4	2.93	--	--	100
Chugach Electric Assn Inc	--	--	--	--	--	--	--	--	966	63.0	.63	--	--	100
Beluga (AK)	--	--	--	--	--	--	--	--	966	63.0	.63	--	--	100
Cincinnati Gas & Electric Co	425	154.6	37.81	1.90	7	436.9	25.09	.35	--	--	--	100	*	--
Beckjord (OH)	183	152.8	36.94	2.10	4	434.3	24.94	.32	--	--	--	100	*	--
East Bend (KY)	2	182.4	43.45	.86	2	443.4	25.53	.39	--	--	--	81	19	--
Miami Fort (OH)	241	155.8	38.43	1.75	2	436.0	24.96	.38	--	--	--	100	*	--
Zimmer (OH)	--	--	--	--	*	435.0	24.94	.43	--	--	--	--	100	--
Cleveland Electric Illum Co	367	124.4	32.71	2.42	4	455.9	26.58	.34	--	--	--	100	*	--
Ashtabula (OH)	40	126.5	33.19	2.98	1	459.5	26.71	.39	--	--	--	99	1	--
Avon Lake (OH)	107	111.6	29.43	1.56	--	--	--	--	--	--	--	100	--	--
Eastlake (OH)	194	125.6	32.92	3.02	2	453.8	26.44	.32	--	--	--	100	*	--
Lake Shore (OH)	26	165.2	43.87	.65	1	456.4	26.72	.32	--	--	--	99	1	--
Coffeyville City of	--	--	--	--	--	--	--	--	141	256.0	2.56	--	--	100
Coffeyville (KS)	--	--	--	--	--	--	--	--	141	256.0	2.56	--	--	100
Colorado Springs City of	133	140.3	30.04	.35	--	--	--	--	*	369.8	3.61	100	--	*
Birdsall (CO)	--	--	--	--	--	--	--	--	*	369.8	3.61	--	--	100
Drake (CO)	62	173.8	36.18	.30	--	--	--	--	*	369.8	3.61	100	--	*
Nixon (CO)	72	113.0	24.77	.39	--	--	--	--	--	--	--	100	--	--
Columbia City of	2	210.0	55.83	.67	--	--	--	--	--	--	--	100	--	--
Columbia (MO)	2	210.0	55.83	.67	--	--	--	--	--	--	--	100	--	--
Columbus & Southern Ohio El Co	207	161.1	38.84	2.98	6	442.6	26.11	.00	--	--	--	99	1	--
Conesville (OH)	197	163.9	39.62	2.98	6	442.3	26.10	.00	--	--	--	99	1	--
Picway (OH)	10	104.7	23.93	3.06	*	450.1	26.33	.00	--	--	--	100	*	--

See notes and footnotes at end of table

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		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	869	257.1	47.85	0.74	147	310.7	19.74	0.65	737	251.0	2.55	91	5	4
Collins (IL)	--	--	--	--	131	296.9	19.06	.70	303	239.4	2.43	--	73	27
Crawford (IL)	51	274.2	52.50	.38	--	--	--	--	7	626.2	6.38	99	--	1
Fisk (IL)	26	259.4	49.65	.38	--	--	--	--	--	--	--	100	--	--
Fisk Storage (IL)	--	--	--	--	--	--	--	--	122	292.0	2.98	--	--	100
Joliet (IL)	150	246.5	47.19	.38	--	--	--	--	--	--	--	100	--	--
Joliet Storage (IL)	--	--	--	--	--	--	--	--	234	215.9	2.19	--	--	100
Kincaid (IL)	101	106.2	22.03	3.87	--	--	--	--	18	297.5	2.98	99	--	1
Powerton (IL)	314	306.6	54.05	.31	--	--	--	--	13	419.2	4.19	100	--	*
State Line (IN)	38	253.4	48.51	.38	--	--	--	--	--	--	--	100	--	--
State Line Storage (IN)	--	--	--	--	--	--	--	--	40	277.7	2.83	--	--	100
Waukegan (IL)	52	254.7	48.75	.38	2	449.7	26.01	.19	--	--	--	99	1	--
Will County (IL)	137	281.1	50.82	.29	14	433.4	25.20	.24	--	--	--	97	3	--
Connecticut Light & Power Co	--	--	--	--	217	285.1	18.30	.75	7	970.0	9.99	--	100	*
Devon (CT)	--	--	--	--	--	412.7	24.20	.75	--	--	--	--	100	--
Middletown (CT)	--	--	--	--	95	310.7	19.67	.48	--	--	--	--	100	--
Montville (CT)	--	--	--	--	31	250.7	16.30	.94	7	970.0	9.99	--	97	3
Norwalk Harbor (CT)	--	--	--	--	91	270.6	17.54	.97	--	--	--	--	100	--
Consolidated Edison Co-NY Inc	--	--	--	--	640	293.1	18.38	.29	6,390	295.6	3.06	--	38	62
Arthur Kill (NY)	--	--	--	--	--	--	--	--	498	368.7	3.81	--	--	100
Astoria (NY)	--	--	--	--	50	294.1	18.55	.28	3,250	289.4	2.99	--	9	91
East River (NY)	--	--	--	--	8	294.1	18.55	.28	143	289.5	2.99	--	26	74
Ravenswood (NY)	--	--	--	--	--	--	--	--	2,002	289.4	2.99	--	--	100
Storage Facility #4	--	--	--	--	195	293.8	18.51	.29	--	--	--	--	100	--
Storage Facility #5	--	--	--	--	116	308.8	19.15	.29	--	--	--	--	100	--
Storage Facility #6	--	--	--	--	271	285.7	17.93	.29	--	--	--	--	100	--
Waterside (NY)	--	--	--	--	--	--	--	--	497	289.4	2.99	--	--	100
Consumers Power Co	528	155.3	37.98	.74	17	288.0	18.45	.91	--	--	--	99	1	--
Campbell (MI)	239	168.5	42.00	.74	1	423.9	24.57	.50	--	--	--	100	*	--
Cobb (MI)	35	164.0	37.70	.53	--	--	--	--	--	--	--	100	--	--
Karn-Weadock (MI)	72	144.9	35.06	.83	15	272.6	17.67	.96	--	--	--	95	5	--
Weadock (MI)	64	156.3	35.23	.59	1	435.7	25.25	.50	--	--	--	100	*	--
Whiting (MI)	118	132.1	33.21	.82	*	437.0	25.33	.50	--	--	--	100	*	--
Coop Power Assn	323	113.1	14.30	.77	--	--	--	--	--	--	--	100	--	--
Coal Creek (ND)	323	113.1	14.30	.77	--	--	--	--	--	--	--	100	--	--
Dairyland Power Coop	274	131.4	25.73	.61	*	456.2	26.82	.50	--	--	--	100	*	--
Alma-Madgett (WI)	168	135.6	24.46	.51	--	--	--	--	--	--	--	100	--	--
Genoa No.3 (WI)	106	125.9	27.73	.77	--	--	--	--	--	--	--	100	--	--
Stoneman (WI)	--	--	--	--	*	456.2	26.82	.50	--	--	--	--	100	--
Dayton Power & Light Co	562	144.7	34.86	1.07	2	457.2	26.41	.35	7	416.4	4.25	100	*	*
Hutchings (OH)	--	--	--	--	--	--	--	--	7	416.4	4.25	--	--	100
Killen (OH)	106	146.7	36.09	.65	--	--	--	--	--	--	--	100	--	--
Stuart (OH)	456	144.3	34.57	1.17	2	457.2	26.41	.35	--	--	--	100	*	--
Delmarva Power & Light Co	216	167.0	43.48	.87	306	252.2	16.14	.91	83	376.5	3.89	73	26	1
Edgemoor (DE)	41	184.8	48.79	.85	301	249.3	15.98	.92	83	376.5	3.89	35	62	3
Indian River (DE)	174	162.8	42.23	.88	6	420.2	24.88	.25	--	--	--	99	1	--
Denton City of	--	--	--	--	--	--	--	--	159	236.2	2.48	--	--	100
Spencer (TX)	--	--	--	--	--	--	--	--	159	236.2	2.48	--	--	100
Deseret Generation & Tran Coop	154	192.1	41.25	.47	--	--	--	--	--	--	--	100	--	--
Bonanza (UT)	154	192.1	41.25	.47	--	--	--	--	--	--	--	100	--	--
Detroit City of	--	--	--	--	44	270.0	16.39	.67	--	--	--	--	100	--
Mistersky (MI)	--	--	--	--	44	270.0	16.39	.67	--	--	--	--	100	--
Detroit Edison Co	1,711	145.8	29.59	.55	17	436.4	25.16	.30	1,317	175.9	.29	99	*	1
Belle River (MI)	226	151.7	28.88	.37	3	441.5	25.59	.30	--	--	--	100	*	--

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sul- fur %	Receipts	Average Cost ²		Avg. Sul- fur %	Receipts	Average Cost ²		Coal	Pet- ro- leum	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			
Detroit Edison Co														
Harbor Beach (MI)	--	--	--	--	*	446.8	25.67	0.41	--	--	--	--	100	--
Marysville (MI)	--	--	--	--	--	--	--	--	8	441.0	4.48	--	--	100
Monroe (MI)	880	139.5	28.87	0.64	10	438.6	25.20	.30	--	--	--	100	*	--
River Rouge (MI)	89	150.1	34.45	.61	--	--	--	--	1,298	149.8	.23	91	--	9
St Clair (MI)	397	151.0	28.72	.37	2	423.0	24.48	.29	11	441.0	4.54	100	*	*
Trenton Channel (MI)	119	161.2	35.59	.71	2	432.5	25.06	.30	--	--	--	99	1	--
Dover City of	--	--	--	--	10	303.0	19.06	1.04	16	383.0	3.96	--	79	21
Mckee Run (DE)	--	--	--	--	10	303.0	19.06	1.04	16	383.0	3.96	--	79	21
Duke Power Co	921	166.1	41.45	.96	8	427.6	24.96	.30	--	--	--	100	*	--
Allen (NC)	41	179.5	44.73	1.09	3	431.5	25.25	.30	--	--	--	98	2	--
Belews Creek (NC)	421	160.9	40.01	.94	2	425.5	24.88	.30	--	--	--	100	*	--
Buck (NC)	17	145.4	36.09	1.09	--	--	--	--	--	--	--	100	--	--
Cliffside (NC)	57	154.7	38.88	.96	1	419.3	24.28	.30	--	--	--	100	*	--
Dan River (NC)	22	141.5	35.53	1.03	--	--	--	--	--	--	--	100	--	--
Lee (SC)	10	142.8	36.22	.84	--	--	--	--	--	--	--	100	--	--
Marshall (NC)	325	176.2	43.97	.95	2	428.0	24.93	.30	--	--	--	100	*	--
Riverbend (NC)	28	171.8	43.98	1.10	--	--	--	--	--	--	--	100	--	--
Duquesne Light Co	235	132.4	34.09	1.83	1	436.4	25.33	.37	3	295.6	3.07	100	*	*
Cheswick (PA)	130	118.6	31.14	1.71	--	--	--	--	3	295.6	3.07	100	--	--
Elrama (PA)	105	150.3	37.74	1.98	1	436.4	25.33	.37	--	--	--	100	*	--
East Kentucky Power Coop	263	114.8	28.46	1.13	1	443.1	25.79	.13	--	--	--	100	*	--
Cooper (KY)	51	113.6	27.85	1.64	*	434.0	25.26	.20	--	--	--	100	*	--
Dale (KY)	47	106.2	26.22	.82	*	446.0	25.96	.12	--	--	--	100	*	--
Spurlock (KY)	165	117.5	29.29	1.06	1	444.0	25.85	.12	--	--	--	100	*	--
El Paso Electric Co	--	--	--	--	--	--	--	--	1,590	237.2	2.43	--	--	100
Newman (TX)	--	--	--	--	--	--	--	--	626	202.0	2.07	--	--	100
Rio Grande (TX)	--	--	--	--	--	--	--	--	964	260.0	2.66	--	--	100
Electric Energy Inc	228	98.8	21.13	1.70	3	474.4	27.51	.30	--	--	--	100	*	--
Joppa (IL)	228	98.8	21.13	1.70	3	474.4	27.51	.30	--	--	--	100	*	--
Empire District Electric Co	73	105.9	20.09	.79	*	428.8	25.12	.00	5	258.2	2.58	99	*	*
Asbury (MO)	51	101.3	18.59	.57	*	428.8	25.12	.00	--	--	--	100	*	--
Riverton (KS)	22	115.7	23.67	1.29	--	--	--	--	5	258.2	2.58	99	--	1
Fayetteville Public Works	--	--	--	--	--	--	--	--	98	377.1	3.90	--	--	100
Butler Warner (NC)	--	--	--	--	--	--	--	--	98	377.1	3.90	--	--	100
Florida Power & Light Co	--	--	--	--	4,038	246.4	15.70	1.44	11,706	256.9	2.57	--	69	31
Cape Canaveral (FL)	--	--	--	--	558	235.0	14.99	2.01	622	245.4	2.45	--	85	15
Cutler (FL)	--	--	--	--	--	--	--	--	341	245.4	2.45	--	--	100
Fort Myers (FL)	--	--	--	--	505	217.4	13.81	1.76	--	--	--	--	100	--
Lauderdale (FL)	--	--	--	--	--	--	--	--	979	245.4	2.45	--	--	100
Manatee (FL)	--	--	--	--	1,296	254.2	16.27	.98	--	--	--	--	100	--
Martin (FL)	--	--	--	--	287	271.3	17.32	1.20	2,203	279.6	2.80	--	45	55
Port Everglades (FL)	--	--	--	--	374	260.2	16.65	1.00	2,785	245.4	2.45	--	46	54
Putnam (FL)	--	--	--	--	--	--	--	--	2,439	245.4	2.45	--	--	100
Riviera (FL)	--	--	--	--	240	227.0	14.52	2.25	10	245.4	2.45	--	99	1
Sanford (FL)	--	--	--	--	498	241.2	15.28	2.01	577	245.4	2.45	--	85	15
Turkey Point (FL)	--	--	--	--	281	267.2	16.74	.99	1,750	279.6	2.80	--	50	50
Florida Power Corp	346	174.8	43.97	.80	763	252.7	16.11	1.08	102	292.3	3.00	64	36	1
Anclote (FL)	--	--	--	--	4	432.2	25.56	.10	--	--	--	--	100	--
Crystal River (FL)	270	180.5	45.53	.80	11	442.0	26.14	.10	--	--	--	99	1	--
Higgins (FL)	--	--	--	--	16	269.6	17.22	1.00	--	--	--	--	100	--
IMT Transfer (LA)	58	162.8	40.67	.79	--	--	--	--	--	--	--	100	--	--
Storage Facility #1	--	--	--	--	583	243.8	15.57	1.08	--	--	--	--	100	--
Storage Facility #2	--	--	--	--	120	270.8	17.26	.96	--	--	--	--	100	--
Suwannee (FL)	--	--	--	--	29	261.2	16.56	2.14	--	--	--	--	100	--

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Florida Power Corp														
Turner (FL)	--	--	--	--	--	--	--	--	102	292.3	3.00	--	--	100
TTI Transfer (KY)	18	124.7	30.87	0.91	--	--	--	--	--	--	--	100	--	--
Fort Pierce City of														
H D King (FL)	--	--	--	--	--	--	--	--	172	365.9	3.76	--	--	100
	--	--	--	--	--	--	--	--	172	365.9	3.76	--	--	100
Fremont City of														
Wright (NE)	11	85.7	14.65	.26	--	--	--	--	9	281.6	2.81	96	--	4
	11	85.7	14.65	.26	--	--	--	--	9	281.6	2.81	96	--	4
Gainesville City of														
Deerhaven (FL)	62	176.5	47.30	.65	--	--	--	--	178	348.8	3.59	90	--	10
Jr Kelly (FL)	62	176.5	47.30	.65	--	--	--	--	162	348.8	3.59	91	--	9
	--	--	--	--	--	--	--	--	17	348.8	3.60	--	--	100
Garland City of														
Newman (TX)	--	--	--	--	--	--	--	--	674	251.6	2.60	--	--	100
Olinger (TX)	--	--	--	--	--	--	--	--	21	265.6	2.72	--	--	100
	--	--	--	--	--	--	--	--	653	251.2	2.59	--	--	100
Georgia Power Co	1,946	178.0	43.55	1.32	20	451.0	26.24	0.50	9	449.6	4.60	100	*	*
Arkwright (GA)	--	--	--	--	--	--	--	--	4	408.8	4.19	--	--	100
Atkinson-McDonough (GA)	82	157.5	39.15	1.65	--	--	--	--	6	474.5	4.85	100	--	*
Bowen (GA)	605	163.9	39.73	1.22	3	443.2	25.78	.50	--	--	--	100	*	--
Hammond (GA)	31	174.1	46.03	1.59	1	440.8	25.64	.50	--	--	--	99	1	--
Harlee Branch (GA)	223	162.2	40.16	1.32	1	455.4	26.49	.50	--	--	--	100	*	--
Mcmanus (GA)	--	--	--	--	9	455.6	26.50	.50	--	--	--	--	100	--
Mitchell (GA)	31	176.4	45.43	1.29	--	--	--	--	--	--	--	100	--	--
Scherer (GA)	524	187.7	47.18	.65	3	446.8	25.99	.50	--	--	--	100	*	--
Wansley (GA)	271	203.3	46.47	2.43	--	--	--	--	--	--	--	100	--	--
Yates (GA)	180	190.4	46.86	1.76	3	451.1	26.24	.50	--	--	--	100	*	--
Glendale City of														
Glendale (CA)	--	--	--	--	--	--	--	--	186	329.0	3.37	--	--	100
	--	--	--	--	--	--	--	--	186	329.0	3.37	--	--	100
Grand Haven City of														
J B Simms (MI)	24	162.7	36.22	2.19	--	--	--	--	*	388.5	3.88	100	--	*
	24	162.7	36.22	2.19	--	--	--	--	*	388.5	3.88	100	--	*
Grand Island City of														
Burdick (NE)	33	68.9	11.63	.30	--	--	--	--	5	278.2	2.66	99	--	1
Platte (NE)	--	--	--	--	--	--	--	--	5	278.2	2.66	--	--	100
	33	68.9	11.63	.30	--	--	--	--	--	--	--	100	--	--
Grand River Dam Authority														
GRDA No 1 (OK)	253	91.5	15.44	.39	--	--	--	--	60	261.9	2.62	99	--	1
	253	91.5	15.44	.39	--	--	--	--	60	261.9	2.62	99	--	1
Greenville City of														
Power Lane (TX)	--	--	--	--	--	--	--	--	45	281.0	3.02	--	--	100
	--	--	--	--	--	--	--	--	45	281.0	3.02	--	--	100
Gulf Power Co														
Crist (FL)	348	182.9	43.80	2.57	1	443.0	25.49	.45	20	281.0	2.81	100	*	*
Scholtz (FL)	226	177.2	42.56	2.60	--	--	--	--	20	281.0	2.81	100	--	*
Smith (FL)	8	153.5	36.54	3.02	--	--	--	--	--	--	--	100	--	--
	115	196.0	46.72	2.48	1	443.0	25.49	.45	--	--	--	100	*	--
Gulf States Utilities Co														
Lewis Creek (TX)	83	176.2	30.18	.46	--	--	--	--	13,244	266.8	2.76	9	--	91
Nelson (LA)	--	--	--	--	--	--	--	--	2,052	255.1	2.64	--	--	100
Sabine (TX)	83	176.2	30.18	.46	--	--	--	--	775	258.1	2.72	64	--	36
Willow Glen (LA)	--	--	--	--	--	--	--	--	6,850	265.3	2.73	--	--	100
	--	--	--	--	--	--	--	--	3,567	278.1	2.91	--	--	100
Hamilton City of														
Hamilton (OH)	10	140.5	35.17	.70	--	--	--	--	20	332.5	3.41	92	--	8
	10	140.5	35.17	.70	--	--	--	--	20	332.5	3.41	92	--	8
Hastings City of														
Hastings (NE)	17	78.3	13.32	.35	--	--	--	--	--	--	--	100	--	--
	17	78.3	13.32	.35	--	--	--	--	--	--	--	100	--	--
Hawaiian Electric Co Inc														
Kahe (HI)	--	--	--	--	510	321.4	20.11	.36	--	--	--	--	100	--
Storage Facility #1	--	--	--	--	242	328.7	20.51	.27	--	--	--	--	100	--
	--	--	--	--	268	314.8	19.75	.45	--	--	--	--	100	--

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		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)			
Holland City of	17	181.0	46.82	0.85	--	--	--	--	--	--	--	100	--	--
James De Young (MI)	17	181.0	46.82	.85	--	--	--	--	--	--	--	100	--	--
Holyoke Water Power Co	31	157.5	41.51	1.38	*	422.5	24.65	0.30	--	--	--	100	*	--
Mount Tom (MA)	31	157.5	41.51	1.38	*	422.5	24.65	.30	--	--	--	100	*	--
Hoosier Energy R E C Inc	213	131.9	29.35	3.31	--	--	--	--	--	--	--	100	--	--
Frank E Ratts (IN)	42	139.0	30.93	3.00	--	--	--	--	--	--	--	100	--	--
Merom (IN)	171	130.1	28.97	3.39	--	--	--	--	--	--	--	100	--	--
Houston Lighting & Power Co	1,516	177.2	26.62	.83	--	--	--	--	20,889	249.0	2.55	52	--	48
Bertron (TX)	--	--	--	--	--	--	--	--	342	262.4	2.68	--	--	100
Cedar Bayou (TX)	--	--	--	--	--	--	--	--	8,415	255.8	2.61	--	--	100
Deepwater (TX)	--	--	--	--	--	--	--	--	130	271.9	2.80	--	--	100
Green Bayou (TX)	--	--	--	--	--	--	--	--	1,441	263.4	2.70	--	--	100
Limestone (TX)	760	124.9	16.53	1.27	--	--	--	--	59	226.6	2.32	99	--	1
Parish (TX)	756	218.6	36.77	.38	--	--	--	--	2,893	239.7	2.46	81	--	19
Robinson (TX)	--	--	--	--	--	--	--	--	4,540	231.2	2.38	--	--	100
Storage Facility #2	--	--	--	--	--	--	--	--	845	283.8	2.89	--	--	100
Webster (TX)	--	--	--	--	--	--	--	--	1,189	251.4	2.56	--	--	100
Wharton (TX)	--	--	--	--	--	--	--	--	1,036	240.7	2.44	--	--	100
Illinois Power Co	431	135.7	29.85	2.75	33	323.1	20.14	.82	36	325.2	3.29	98	2	*
Baldwin (IL)	352	132.3	28.67	3.02	1	441.6	25.59	.30	--	--	--	100	*	--
Havana (IL)	12	173.5	44.67	.71	30	315.1	19.74	.86	--	--	--	62	38	--
Hennepin (IL)	23	152.8	32.12	3.01	--	--	--	--	16	325.1	3.29	97	--	3
Vermilion (IL)	9	125.4	26.75	2.09	1	462.6	26.81	.30	--	--	--	98	2	--
Wood River (IL)	35	145.4	36.03	.78	--	--	--	--	20	325.2	3.28	98	--	2
Imperial Irrigation District	--	--	--	--	--	--	--	--	222	352.8	3.62	--	--	100
El Centro (CA)	--	--	--	--	--	--	--	--	222	352.8	3.62	--	--	100
Independence City of	*	122.3	31.01	3.80	--	--	--	--	15	260.6	2.61	25	--	75
Blue Valley (MO)	*	122.3	31.01	3.80	--	--	--	--	15	260.6	2.61	25	--	75
Indiana & Michigan Electric Co	840	121.8	22.48	.61	24	429.8	24.65	.00	--	--	--	99	1	--
Rockport (IN)	663	109.9	18.93	.30	24	429.8	24.65	.00	--	--	--	99	1	--
Tanners Creek (IN)	177	155.3	35.80	1.78	--	--	--	--	--	--	--	100	--	--
Indiana-Kentucky Electric Corp	422	108.7	24.46	2.90	*	514.9	29.79	.28	--	--	--	100	*	--
Clifty Creek (IN)	422	108.7	24.46	2.90	*	514.9	29.79	.28	--	--	--	100	*	--
Indianapolis Power & Light Co	524	104.3	23.41	2.35	5	437.0	25.27	.28	--	--	--	100	*	--
Petersburg (IN)	420	101.7	22.72	2.56	5	437.0	25.27	.28	--	--	--	100	--	--
Pritchard (IN)	26	114.7	26.22	.99	--	--	--	--	--	--	--	100	--	--
Stout (IN)	78	114.2	26.14	1.70	--	--	--	--	--	--	--	100	--	--
Interstate Power Co	101	193.3	38.26	1.34	--	--	--	--	86	283.2	2.83	96	--	4
Dubuque (IA)	10	208.3	45.02	2.93	--	--	--	--	*	420.1	4.20	100	--	*
Fox Lake (MN)	--	--	--	--	--	--	--	--	80	282.0	2.82	--	--	100
Kapp (IA)	44	139.6	31.62	2.02	--	--	--	--	6	298.2	3.01	99	--	1
Lansing (IA)	47	256.5	43.03	.39	--	--	--	--	--	--	--	100	--	--
Iowa Electric Light & Power Co	84	88.7	15.28	.42	*	450.4	26.20	.00	111	337.8	3.38	93	*	7
Prairie Creek (IA)	45	93.0	15.86	.32	*	450.4	26.20	.00	33	326.9	3.27	96	*	4
Sutherland (IA)	36	80.4	13.72	.36	--	--	--	--	17	361.5	3.61	97	--	3
6th St (IA)	3	114.9	25.33	2.73	--	--	--	--	61	337.1	3.37	52	--	48
Iowa Southern Utilities Co	271	104.8	17.55	.45	1	454.8	26.34	.04	--	--	--	100	*	--
Burlington (IA)	42	86.0	14.26	1.07	1	454.8	26.34	.04	--	--	--	100	*	--
Ottumwa (IA)	229	108.2	18.17	.34	--	--	--	--	--	--	--	100	--	--
Iowa-Illinois Gas&Electric Co	226	105.7	18.34	.43	--	--	--	--	29	423.2	4.28	99	--	1
Louisa (IA)	208	105.6	17.81	.31	--	--	--	--	5	374.2	3.79	100	--	*
Riverside (IA)	18	106.2	24.44	1.82	--	--	--	--	24	433.4	4.38	94	--	6

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ³		Avg. Sulfur %	Receipts	Average Cost ²		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)			
Jacksonville Electric Auth	321	161.6	39.70	0.95	204	225.9	14.29	1.69	224	272.5	2.83	84	14	2
Kennedy (FL)	--	--	--	--	--	--	--	--	65	272.5	2.83	--	--	100
Northside (FL)	--	--	--	--	202	224.5	14.21	1.70	148	272.5	2.83	--	89	11
Southside (FL)	--	--	--	--	--	--	--	--	10	272.5	2.83	--	--	100
St Johns River (FL)	321	161.6	39.70	.95	1	436.9	25.51	.35	--	--	--	100	*	--
Jamestown City of	7	129.4	33.02	1.89	--	--	--	--	--	--	--	100	--	--
Samuel A Carlson (NY)	7	129.4	33.02	1.89	--	--	--	--	--	--	--	100	--	--
Jersey Central Power&Light Co	--	--	--	--	--	--	--	--	119	298.4	3.08	--	--	100
Gilbert (NJ)	--	--	--	--	--	--	--	--	100	293.3	3.03	--	--	100
Sayreville (NJ)	--	--	--	--	--	--	--	--	19	325.0	3.35	--	--	100
Kansas City City of	137	123.8	22.81	.54	3	420.0	24.34	.50	75	295.0	2.99	96	1	3
Kaw (KS)	20	127.1	26.82	.42	--	--	--	--	21	295.0	2.99	95	--	5
Nearman (KS)	87	94.0	15.62	.37	3	418.0	24.23	.50	--	--	--	99	1	--
Quindaro (KS)	30	188.0	41.27	1.11	1	430.0	24.92	.50	54	295.0	2.99	92	*	8
Kansas City Power & Light Co	923	84.1	14.51	.28	--	--	--	--	3	269.0	2.69	100	--	*
Hawthorne (MO)	90	82.6	14.60	.20	--	--	--	--	3	269.0	2.69	100	--	*
Iatan (MO)	295	85.1	14.89	.34	--	--	--	--	--	--	--	100	--	--
La Cygne (KS)	383	79.0	13.34	.28	--	--	--	--	--	--	--	100	--	--
Montrose (MO)	155	95.0	16.66	.20	--	--	--	--	--	--	--	100	--	--
Kansas Gas & Electric Co	--	--	--	--	--	--	--	--	292	243.2	2.32	--	--	100
Evans (KS)	--	--	--	--	--	--	--	--	1	239.8	2.30	--	--	100
Gill (KS)	--	--	--	--	--	--	--	--	291	243.2	2.32	--	--	100
Kansas Power & Light Co	839	104.2	17.66	.37	--	--	--	--	50	299.9	2.87	100	--	*
Jeffrey Energy Cnt (KS)	754	101.1	16.70	.36	--	--	--	--	--	--	--	100	--	--
Lawrence (KS)	65	125.7	26.15	.43	--	--	--	--	30	309.7	2.97	98	--	2
Tecumseh (KS)	20	125.7	26.15	.43	--	--	--	--	20	285.0	2.72	96	--	4
Kentucky Power Co	111	109.3	26.51	1.11	--	--	--	--	--	--	--	100	--	--
Big Sandy (KY)	111	109.3	26.51	1.11	--	--	--	--	--	--	--	100	--	--
Kentucky Utilities Co	557	115.6	28.14	1.48	2	520.2	30.59	.40	--	--	--	100	*	--
Brown (KY)	104	111.9	27.11	1.84	--	--	--	--	--	--	--	100	--	--
Ghent (KY)	416	117.3	28.67	1.36	2	520.2	30.59	.40	--	--	--	100	*	--
Green River (KY)	36	105.6	24.96	1.92	--	--	--	--	--	--	--	100	--	--
Lafayette City of	--	--	--	--	--	--	--	--	179	282.4	3.00	--	--	100
Bonin (LA)	--	--	--	--	--	--	--	--	179	282.4	3.00	--	--	100
Lake Worth City of	--	--	--	--	--	--	--	--	162	306.0	3.14	--	--	100
Tom G Smith (FL)	--	--	--	--	--	--	--	--	162	306.0	3.14	--	--	100
Lakeland City of	36	168.8	43.40	.96	45	321.5	19.68	1.65	561	253.8	2.61	52	15	32
Larsen Mem (FL)	--	--	--	--	7	447.7	26.06	.17	380	253.2	2.61	--	9	91
Plant 3-Mcintosh (FL)	36	168.8	43.40	.96	38	299.6	18.51	1.92	181	255.2	2.63	69	17	14
Lansing City of	58	170.4	43.79	.87	1	424.0	24.58	.30	--	--	--	100	*	--
Eckert (MI)	44	172.3	44.31	.87	1	424.0	24.58	.30	--	--	--	100	*	--
Erickson (MI)	14	164.3	42.18	.86	*	424.0	24.58	.30	--	--	--	100	*	--
Long Island Lighting Co	--	--	--	--	1,062	299.2	19.13	.97	1,648	295.9	3.04	--	80	20
Barrett (NY)	--	--	--	--	--	--	--	--	1,087	296.2	3.06	--	--	100
Far Rockaway (NY)	--	--	--	--	--	--	--	--	17	307.2	3.17	--	--	100
Glenwood (NY)	--	--	--	--	--	--	--	--	120	305.6	3.10	--	--	100
Northport (NY)	--	--	--	--	668	302.0	19.30	.98	424	291.8	2.96	--	91	9
Port Jefferson (NY)	--	--	--	--	394	294.5	18.84	.95	--	--	--	--	100	--
Los Angeles City of	423	142.1	33.24	.44	--	--	--	--	2,530	429.3	4.36	79	--	21
Haynes (CA)	--	--	--	--	--	--	--	--	2,055	429.3	4.36	--	--	100
Intermountain (UT)	423	142.1	33.24	.44	--	--	--	--	--	--	--	100	--	--
Scattergood (CA)	--	--	--	--	--	--	--	--	475	429.3	4.39	--	--	100

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		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			
Louisiana Power & Light Co	--	--	--	--	1	218.3	14.21	0.99	6,038	295.1	3.06	--	*	100
Little Gypsy (LA)	--	--	--	--	--	--	--	--	1,149	289.0	3.01	--	--	100
Nine Mile (LA)	--	--	--	--	--	--	--	--	2,870	292.5	3.04	--	--	100
Sterlington (LA)	--	--	--	--	--	--	--	--	8	249.3	2.61	--	--	100
Waterford (LA)	--	--	--	--	1	218.3	14.21	.99	2,011	302.5	3.11	--	*	100
Louisville Gas & Electric Co	480	112.7	26.61	2.86	--	--	--	--	13	382.8	3.92	100	--	*
Cane Run (KY)	77	115.6	27.02	2.92	--	--	--	--	8	382.8	3.92	100	--	*
Mill Creek (KY)	236	114.7	26.83	2.87	--	--	--	--	5	382.8	3.92	100	--	*
Trimble County (KY)	167	108.7	26.11	2.81	--	--	--	--	--	--	--	100	--	--
Lower Colorado River Authority	597	123.0	21.31	.34	--	--	--	--	1,030	254.0	2.64	91	--	9
Gideon (TX)	--	--	--	--	--	--	--	--	333	260.6	2.70	--	--	100
S Seymour-Fayette (TX)	597	123.0	21.31	.34	--	--	--	--	--	--	--	100	--	--
T C Ferguson (TX)	--	--	--	--	--	--	--	--	697	250.9	2.61	--	--	100
Lubbock City of	--	--	--	--	--	--	--	--	489	236.5	2.44	--	--	100
Holly Ave (TX)	--	--	--	--	--	--	--	--	489	236.5	2.44	--	--	100
Madison Gas & Electric Co	--	--	--	--	--	--	--	--	75	198.2	1.97	--	--	100
Blount (WI)	--	--	--	--	--	--	--	--	75	198.2	1.97	--	--	100
Manitowoc Public Utilities	19	172.8	45.78	.92	--	--	--	--	--	--	--	100	--	--
Manitowoc (WI)	19	172.8	45.78	.92	--	--	--	--	--	--	--	100	--	--
Massachusetts Mun Wholes EI Co ..	--	--	--	--	--	--	--	--	278	245.0	2.49	--	--	100
Stonybrook (MA)	--	--	--	--	--	--	--	--	278	245.0	2.49	--	--	100
Medina Electric Coop Inc	--	--	--	--	--	--	--	--	8	287.0	3.08	--	--	100
Pearsall (TX)	--	--	--	--	--	--	--	--	8	287.0	3.08	--	--	100
Metropolitan Edison Co	66	134.2	35.42	1.64	1	421.3	24.06	.30	--	--	--	100	*	--
Portland (PA)	30	131.1	34.58	1.74	--	--	--	--	--	--	--	100	--	--
Titus (PA)	36	136.8	36.15	1.55	1	421.3	24.06	.30	--	--	--	99	1	--
Michigan South Central Pwr Agcy ...	12	164.3	38.87	3.54	--	--	--	--	--	--	--	100	--	--
Project I (MI)	12	164.3	38.87	3.54	--	--	--	--	--	--	--	100	--	--
Midwest Power	665	86.6	14.73	.38	--	--	--	--	51	396.7	3.96	100	--	*
Council Bluffs (IA)	259	98.0	16.17	.38	--	--	--	--	4	397.5	3.91	100	--	*
George Neal 1-4 (IA)	406	79.7	13.82	.38	--	--	--	--	46	396.6	3.97	99	--	1
Minnesota Power & Light Co	171	107.3	18.96	.66	*	474.9	27.32	.20	--	--	--	100	*	--
Boswell Energy Center (MN)	149	107.2	18.93	.66	*	475.2	27.34	.20	--	--	--	100	*	--
Laskin Energy Center (MN)	22	108.0	19.17	.65	*	474.4	27.30	.20	--	--	--	100	*	--
Minnkota Power Coop Inc	385	54.4	7.40	.84	1	457.1	26.88	.40	--	--	--	100	*	--
Young (ND)	385	54.4	7.40	.84	1	457.1	26.88	.40	--	--	--	100	*	--
Mississippi Power & Light Co	--	--	--	--	183	184.8	11.78	2.51	1,474	280.8	2.87	--	44	56
Brown (MS)	--	--	--	--	*	455.6	26.16	.30	333	280.1	2.91	--	*	100
Gerald Andrus (MS)	--	--	--	--	20	241.4	15.25	.28	--	--	--	100	--	--
Wilson (MS)	--	--	--	--	163	177.5	11.33	2.78	1,142	281.0	2.85	--	47	53
Mississippi Power Co	374	149.4	36.51	1.40	--	--	--	--	34	251.4	2.44	100	--	*
Daniel (MS)	155	168.0	39.90	.59	--	--	--	--	--	--	--	100	--	--
Eaton (MS)	--	--	--	--	--	--	--	--	8	229.4	2.33	--	--	100
Sweatt (MS)	--	--	--	--	--	--	--	--	*	296.0	2.97	--	--	100
Watson (MS)	219	136.9	34.12	1.97	--	--	--	--	26	258.9	2.47	100	--	*
Missouri Public Service Comm	63	124.2	26.47	1.06	--	--	--	--	--	--	--	100	--	--
Sibley (MO)	63	124.2	26.47	1.06	--	--	--	--	--	--	--	100	--	--
Monongahela Power Co	865	129.9	33.47	2.77	13	499.7	29.59	.30	9	386.3	3.86	100	*	*
Albright (WV)	26	96.5	23.38	1.60	1	475.3	28.15	.30	--	--	--	99	1	--

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		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)			
Monongahela Power Co														
Ft Martin (WV)	203	148.9	37.73	1.81	7	529.1	31.33	0.30	--	--	--	99	1	--
Harrison (WV)	391	137.0	36.17	3.18	*	485.8	28.77	.30	9	386.3	3.86	100	*	*
Pleasants (WV)	236	105.2	26.59	3.10	4	457.8	27.11	.30	--	--	--	100	*	--
Willow Island (WV)	8	117.8	9.54	1.63	*	455.3	26.96	.30	--	--	--	99	1	--
Montana Power Co	175	64.6	11.15	.64	1 ²	1,233.7	73.06	.00	14	275.8	3.33	99	*	1
Colstrip (WY)	131	62.3	10.72	.65	1 ²	1,233.7	73.06	.00	--	--	--	100	*	--
Corette (MT)	44	71.3	12.42	.62	--	--	--	--	14	275.8	3.33	98	--	2
Montana-Dakota Utilities Co	158	81.9	11.54	.87	3	474.5	27.21	.30	*	451.3	4.91	99	1	*
Coyote (ND)	118	75.3	10.61	1.00	3	474.5	27.21	.30	--	--	--	99	1	--
Heskett (ND)	28	103.3	14.79	.55	--	--	--	--	--	--	--	100	--	--
Lewis and Clark (MT)	13	95.5	13.11	.41	--	--	--	--	*	451.3	4.91	100	--	*
Montaup Electric Co	--	--	--	--	5	410.7	24.05	.30	--	--	--	--	100	--
Somerset (MA)	--	--	--	--	5	410.7	24.05	.30	--	--	--	--	100	--
Morgan City City of	--	--	--	--	--	--	--	--	114	289.0	2.99	--	--	100
Morgan City (LA)	--	--	--	--	--	--	--	--	114	289.0	2.99	--	--	100
Muscataine City of	84	86.3	15.29	1.38	--	--	--	--	*	135.1	1.38	100	--	*
Muscataine (IA)	84	86.3	15.29	1.38	--	--	--	--	*	135.1	1.38	100	--	*
Nebraska Public Power District	297	87.6	15.35	.33	--	--	--	--	44	224.9	2.14	99	--	1
Gerald Gentleman (NE)	230	90.3	15.82	.33	--	--	--	--	43	218.9	2.08	99	--	1
Sheldon (NE)	67	78.3	13.71	.34	--	--	--	--	1	549.9	5.50	100	--	*
Nevada Power Co	182	169.8	40.46	.51	--	--	--	--	285	272.0	2.78	94	--	6
Clark (NV)	--	--	--	--	--	--	--	--	285	272.0	2.78	--	--	100
Gardner (NV)	182	169.8	40.46	.51	--	--	--	--	--	--	--	100	--	--
New England Power Co	198	170.9	44.87	1.00	281	369.3	23.32	1.81	1	236.1	2.43	75	25	*
Brayton (MA)	119	167.7	44.15	1.06	76	250.7	15.95	.99	1	236.1	2.43	87	13	*
Salem Harbor (MA)	79	175.7	45.95	.92	205	413.5	26.03	2.11	--	--	--	62	38	--
New Orleans Public Service Inc	--	--	--	--	132	209.5	13.43	1.43	549	283.6	2.95	--	60	40
Michoud (LA)	--	--	--	--	132	209.5	13.43	1.43	549	283.6	2.95	--	60	40
New York State Elec & Gas Corp	274	133.7	34.11	1.65	1	569.3	32.76	.14	--	--	--	100	*	--
Goudey (NY)	29	132.6	34.94	2.04	*	560.6	32.26	.14	--	--	--	100	*	--
Greenidge (NY)	32	134.1	35.24	2.04	1	570.6	32.83	.14	--	--	--	100	*	--
Hickling (NY)	15	122.4	25.91	1.56	--	--	--	--	--	--	--	100	--	--
Jennison (NY)	24	151.9	31.82	1.09	--	--	--	--	--	--	--	100	--	--
Kintigh (NY)	173	132.6	34.79	1.59	--	--	--	--	--	--	--	100	--	--
Milliken (NY)	--	--	--	--	*	577.7	33.24	.14	--	--	--	--	100	--
Niagara Mohawk Power Corp	167	142.3	37.57	1.99	101	275.0	17.46	.66	47	334.3	3.43	86	13	1
Albany (NY)	--	--	--	--	--	--	--	--	13	315.6	3.20	--	--	100
Dunkirk (NY)	90	142.0	37.42	2.11	1	425.4	24.89	.52	--	--	--	100	*	--
Huntley (NY)	77	142.5	37.74	1.85	2	480.4	27.75	.22	--	--	--	99	1	--
Oswego (NY)	--	--	--	--	98	268.6	17.11	.67	34	341.6	3.52	--	95	5
Northern Indiana Pub Serv Co	623	139.3	30.60	1.93	--	--	--	--	198	303.2	3.09	99	--	1
Bailey (IN)	114	108.7	23.86	3.60	--	--	--	--	4	313.2	3.19	100	--	*
Michigan City (IN)	40	115.8	25.54	3.11	--	--	--	--	100	300.5	3.06	90	--	10
Mitchell (IN)	74	122.3	23.72	.40	--	--	--	--	24	302.6	3.08	98	--	2
Rollin Schahfer (IN)	394	153.0	34.36	1.62	--	--	--	--	71	306.7	3.13	99	--	1
Northern States Power Co	822	124.7	21.91	.39	4	438.1	25.63	.40	43	251.6	2.60	100	*	*
Black Dog (MN)	66	120.6	21.24	.32	--	--	--	--	18	220.8	2.26	98	--	2
High Bridge (MN)	44	124.0	21.82	.26	--	--	--	--	19	283.0	2.96	97	--	3
King (MN)	40	99.7	17.73	.36	--	--	--	--	1	283.0	2.87	100	--	*
Riverside (MN)	74	125.5	22.05	.22	--	--	--	--	4	227.5	2.32	100	--	*
Sherburne County (MN)	598	126.8	22.26	.43	4	438.1	25.63	.40	--	--	--	100	*	--

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 tons)	Average Cost ²		Avg. Sul- fur %	Receipts (1,000 bbls)	Average Cost ²		Avg. Sul- fur %	Receipts (1,000 Mcf)	Average Cost ²		Coal	Pe- tro- leum	Gas
		(Cents per 10 ⁶ Btu)	(\$ per short ton)			(Cents per 10 ⁶ Btu)	\$ per bbl			(Cents per 10 ⁶ Btu)	\$ per Mcf			
Ohio Edison Co	700	119.8	29.19	1.99	4	455.5	26.31	0.25	--	--	--	100	*	--
Burger (OH)	101	103.3	25.09	3.51	*	459.4	26.53	.31	--	--	--	100	*	--
Niles (OH)	51	107.4	25.69	2.57	*	466.9	26.83	.26	--	--	--	100	*	--
Sammis (OH)	547	123.9	30.27	1.66	3	454.3	26.25	.24	--	--	--	100	*	--
Ohio Power Co	1,123	146.4	34.57	2.91	16	457.4	26.26	.00	--	--	--	100	*	--
Gavin (OH)	551	147.0	33.92	2.94	--	--	--	--	--	--	--	100	--	--
Kammer (WV)	143	120.0	29.66	3.74	*	474.2	27.72	.00	--	--	--	100	*	--
Mitchell (WV)	231	139.1	34.03	1.31	12	456.2	26.30	.00	--	--	--	99	1	--
Muskingum (OH)	198	173.8	40.53	4.12	4	460.2	26.07	.00	--	--	--	99	1	--
Ohio Valley Electric Corp	282	116.5	28.40	3.62	1	575.6	33.60	.37	--	--	--	100	*	--
Kyger Creek (OH)	282	116.5	28.40	3.62	1	575.6	33.60	.37	--	--	--	100	*	--
Oklahoma Gas & Electric Co	694	122.0	21.33	.32	--	--	--	--	4,991	379.9	3.94	70	--	30
Horseshoe Lake (OK)	--	--	--	--	--	--	--	--	975	380.1	3.94	--	--	100
Muskogee (OK)	497	122.3	21.39	.33	--	--	--	--	11	382.7	3.97	100	--	*
Mustang (OK)	--	--	--	--	--	--	--	--	814	379.9	3.94	--	--	100
Seminole (OK)	--	--	--	--	--	--	--	--	3,191	379.9	3.94	--	--	100
Sooner (OK)	197	121.2	21.18	.31	--	--	--	--	--	--	--	100	--	--
Omaha Public Power District	304	68.6	11.39	.41	--	--	--	--	47	359.4	3.57	99	--	1
Nebraska City (NE)	179	69.4	11.49	.40	--	--	--	--	--	--	--	100	--	--
North Omaha (NE)	124	67.5	11.25	.42	--	--	--	--	47	359.4	3.57	98	--	2
Orange & Rockland Utils Inc	36	202.3	52.63	.53	--	--	--	--	2,126	314.5	3.25	30	--	70
Bowline (NY)	--	--	--	--	--	--	--	--	2,050	314.5	3.25	--	--	100
Lovett (NY)	36	202.3	52.63	.53	--	--	--	--	76	314.8	3.26	92	--	8
Orlando Utilities Comm	130	185.5	47.97	.85	60	257.2	16.40	.94	1,279	282.2	2.90	66	8	26
Indian River (FL)	--	--	--	--	58	251.8	16.09	.95	1,279	282.2	2.90	--	22	78
Stanton Energy (FL)	130	185.5	47.97	.85	2	408.9	24.73	.64	--	--	--	100	*	--
Orrville City of	15	100.2	23.62	3.87	--	--	--	--	--	--	--	100	--	--
Orrville (OH)	15	100.2	23.62	3.87	--	--	--	--	--	--	--	100	--	--
Otter Tail Power Co	186	103.4	12.54	.92	*	445.0	26.17	.31	--	--	--	100	*	--
Big Stone (SD)	186	103.4	12.54	.92	--	--	--	--	--	--	--	100	--	--
Hoot Lake (MN)	*	123.7	22.94	.29	*	445.0	26.17	.31	--	--	--	70	30	--
Owensboro City of	77	86.3	19.53	2.77	*	429.7	24.91	.38	--	--	--	100	*	--
Smith (KY)	77	86.3	19.53	2.77	*	429.7	24.91	.38	--	--	--	100	*	--
Pacific Gas & Electric Co	--	--	--	--	--	--	--	--	6,880	291.0	3.00	--	--	100
Contra Costa (CA)	--	--	--	--	--	--	--	--	51	291.0	2.98	--	--	100
Humboldt Bay (CA)	--	--	--	--	--	--	--	--	133	291.0	2.99	--	--	100
Hunters Point (CA)	--	--	--	--	--	--	--	--	672	291.0	2.97	--	--	100
Morro Bay (CA)	--	--	--	--	--	--	--	--	710	291.0	3.02	--	--	100
Moss Landing (CA)	--	--	--	--	--	--	--	--	1,720	291.0	3.01	--	--	100
Pittsburg (CA)	--	--	--	--	--	--	--	--	2,594	291.0	2.99	--	--	100
Potrero (CA)	--	--	--	--	--	--	--	--	1,001	291.0	2.97	--	--	100
Pacific Power & Light Co	1,997	93.7	17.78	.58	16	490.5	28.84	.30	310	263.8	2.75	99	*	1
Carbon (UT)	37	73.9	17.60	.48	--	--	--	--	--	--	--	100	--	--
Centralia (WA)	340	157.5	25.27	.77	2	457.1	26.88	.30	--	--	--	100	*	--
Emery-Hunter (UT)	334	91.9	20.80	.50	2	510.6	30.02	.30	--	--	--	100	*	--
Gadsby (UT)	--	--	--	--	--	--	--	--	303	262.3	2.73	--	--	100
Huntington (UT)	257	69.7	16.41	.60	--	--	--	--	--	--	--	100	--	--
Jim Bridger (WY)	336	115.9	22.17	.64	11	492.9	28.98	.30	--	--	--	99	1	--
Johnston (WY)	361	54.7	8.64	.42	1	491.1	28.88	.30	--	--	--	100	*	--
Naughton (WY)	152	91.9	18.01	.65	--	--	--	--	7	327.7	3.47	100	--	*
Wyodak (WY)	180	63.1	10.01	.51	--	--	--	--	--	--	--	100	--	--
Painesville City of	9	140.2	34.13	2.46	--	--	--	--	2	432.0	4.32	99	--	1
Painesville (OH)	9	140.2	34.13	2.46	--	--	--	--	2	432.0	4.32	99	--	1

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sul- fur %	Receipts	Average Cost ²		Avg. Sul- fur %	Receipts	Average Cost ²		Coal	Pe- tro- leum	Gas
		(1,000 tons)	(Cents per 10 ⁶ Btu)			(1,000 bbbls)	(Cents per 10 ⁶ Btu)			(1,000 Mcf)	(Cents per 10 ⁶ Btu)			
Pasadena City of	--	--	--	--	--	--	--	--	239	366.8	3.76	--	--	100
Broadway (CA)	--	--	--	--	--	--	--	--	239	366.8	3.76	--	--	100
Pennsylvania Electric Co	1,277	129.8	31.76	1.88	18	425.4	24.80	0.05	4	322.4	2.32	100	*	*
Conemaugh (PA)	371	117.2	29.32	2.15	--	--	--	--	4	322.4	3.32	100	--	*
Homer City (PA)	387	139.3	33.07	1.84	6	427.6	24.93	.05	--	--	--	100	*	--
Keystone (PA)	316	143.3	35.28	1.64	7	426.2	24.85	.05	--	--	--	99	1	--
Seward (PA)	49	114.7	28.31	1.83	1	428.9	25.00	.05	--	--	--	100	*	--
Shawville (PA)	132	113.1	27.78	1.93	4	419.7	24.47	.05	--	--	--	99	1	--
Warren (PA)	22	124.2	30.80	1.49	--	--	--	--	--	--	--	100	--	--
Pennsylvania Power & Light Co	663	146.8	36.67	1.73	6	418.7	24.51	.09	--	--	--	100	*	--
Brunner Island (PA)	237	148.4	39.24	1.81	5	419.1	24.56	.09	--	--	--	100	*	--
Holtwood (PA)	14	103.4	17.29	.61	--	--	--	--	--	--	--	100	--	--
Martins Creek (PA)	20	151.7	40.77	2.05	--	--	--	--	--	--	--	100	--	--
Montour (PA)	329	152.1	38.27	1.80	--	--	--	--	--	--	--	100	--	--
Sunbury (PA)	63	108.8	21.68	1.22	1	416.4	24.25	.12	--	--	--	100	*	--
Pennsylvania Power Co	542	162.7	39.87	2.83	--	--	--	--	--	--	--	100	--	--
Bruce Mansfield (PA)	467	169.6	41.49	3.04	--	--	--	--	--	--	--	100	--	--
New Castle (PA)	75	119.9	29.74	1.49	--	--	--	--	--	--	--	100	--	--
Philadelphia Electric Co	54	147.9	39.23	1.81	23	304.2	19.17	.57	170	310.5	3.20	82	8	10
Cromby (PA)	--	--	--	--	14	284.3	18.13	.71	170	310.5	3.20	--	34	66
Delaware (PA)	--	--	--	--	3	454.8	26.77	.06	--	--	--	--	100	--
Eddystone (PA)	54	147.9	39.23	1.81	--	--	--	--	--	--	--	100	--	--
Schuylkill (PA)	--	--	--	--	6	281.2	17.79	.49	--	--	--	--	100	--
Plains Elec Gen&Trans Coop Inc	39	163.5	29.66	.59	--	--	--	--	8	450.4	3.78	99	--	1
Escalante (NM)	39	163.5	29.66	.59	--	--	--	--	8	450.4	3.78	99	--	1
Platte River Power Authority	95	72.4	12.67	.32	--	--	--	--	--	--	--	100	--	--
Rawhide (CO)	95	72.4	12.67	.32	--	--	--	--	--	--	--	100	--	--
Portland General Electric Co	12	113.1	19.06	.40	--	--	--	--	--	--	--	100	--	--
Boardman (OR)	12	113.1	19.06	.40	--	--	--	--	--	--	--	100	--	--
Potomac Edison Co	4	138.7	34.89	.86	*	428.0	25.35	.30	--	--	--	99	1	--
Smith (MD)	4	138.7	34.89	.86	*	428.0	25.35	.30	--	--	--	99	1	--
Potomac Electric Power Co	383	165.4	42.03	1.54	23	421.3	24.38	.20	83	346.7	3.61	98	1	1
Benning (DC)	--	--	--	--	2	430.0	24.74	.20	--	--	--	--	100	--
Chalk (MD)	103	170.4	42.62	2.01	7	406.3	23.57	.20	83	346.7	3.61	95	2	3
Dickerson (MD)	93	142.2	36.23	1.50	5	427.8	24.74	.20	--	--	--	99	1	--
Morgantown (MD)	105	172.4	44.12	1.68	--	--	--	--	--	--	--	100	--	--
Potomac River (VA)	82	176.4	45.20	.79	9	427.5	24.74	.20	--	--	--	98	2	--
Power Authority of State of NY	--	--	--	--	--	--	--	--	1,680	400.1	4.13	--	--	100
Poletti (NY)	--	--	--	--	--	--	--	--	1,680	400.1	4.13	--	--	100
Public Service Co of Colorado	619	109.6	21.84	.41	2	477.5	27.47	.23	143	251.4	2.47	99	*	1
Arapahoe (CO)	55	107.9	24.09	.51	--	--	--	--	3	225.4	2.21	100	--	*
Cameo (CO)	21	93.4	21.03	.57	--	--	--	--	1	369.5	3.82	100	--	*
Cherokee (CO)	188	110.7	24.74	.42	--	--	--	--	102	258.1	2.53	98	--	2
Comanche (CO)	106	119.5	20.23	.29	--	--	--	--	13	195.8	1.92	99	--	1
Hayden (CO)	71	106.2	22.34	.41	2	477.5	27.47	.23	2	202.2	2.23	99	1	*
Pawnee (CO)	143	107.0	17.68	.39	--	--	--	--	1	267.6	2.91	100	--	*
Valmont (CO)	34	107.7	24.02	.53	--	--	--	--	10	286.3	2.83	99	--	1
Zuni (CO)	--	--	--	--	--	--	--	--	11	225.3	2.21	--	--	100
Public Service Co of NH	64	150.6	39.43	1.49	292	203.9	13.18	1.35	91	217.3	2.21	46	52	3
Merrimack (NH)	39	150.2	39.94	2.00	*	417.5	24.34	.21	--	--	--	100	*	--
Newington Station (NH)	--	--	--	--	292	203.8	13.17	1.35	91	217.3	2.21	--	95	5
Schiller (NH)	25	151.3	38.63	.69	--	--	--	--	--	--	--	100	--	--

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Coal	Petroleum	Gas
	(1,000 tons)	(Cents per 10 ⁶ Btu)	(\$ per short ton)		(1,000 bbls)	(Cents per 10 ⁶ Btu)	\$ per bbl		(1,000 Mcf)	(Cents per 10 ⁶ Btu)	\$ per Mcf			
Public Service Co of NM	341	224.8	42.94	0.93	7	527.6	30.14	1.00	--	--	--	99	1	--
San Juan (NM)	341	224.8	42.94	93	7	527.6	30.14	1.00	--	--	--	99	1	--
Public Service Co of Oklahoma	260	153.5	26.37	.46	--	--	--	--	4,658	335.0	3.52	48	--	52
Comanche (CS) (OK)	--	--	--	--	--	--	--	--	1,121	335.0	3.72	--	--	100
Northeastern (OK)	260	153.5	26.37	.46	--	--	--	--	99	335.0	3.43	98	--	2
Riverside (OK)	--	--	--	--	--	--	--	--	2,942	335.0	3.44	--	--	100
Southwestern (OK)	--	--	--	--	--	--	--	--	496	335.0	3.59	--	--	100
Public Service Electric & Gas Co	110	180.2	51.20	.81	33	343.5	21.70	.29	845	256.0	2.65	74	5	21
Bergen (NJ)	--	--	--	--	--	--	--	--	404	257.9	2.67	--	--	100
Hudson (NJ)	--	--	--	--	--	--	--	--	122	249.0	2.57	--	--	100
Mercer (NJ)	110	180.2	51.20	.81	--	--	--	--	61	265.4	2.75	98	--	2
Sewaren (NJ)	--	--	--	--	33	343.5	21.70	.29	257	254.0	2.63	--	44	56
PSI Energy Inc	806	122.4	27.54	1.73	13	435.9	25.08	.30	--	--	--	100	*	--
Cayuga (IN)	161	129.5	27.80	2.01	1	446.0	25.66	.30	--	--	--	100	*	--
Edwardsport (IN)	15	85.1	19.38	2.49	--	--	--	--	--	--	--	100	--	--
Gallagher (IN)	27	119.9	27.18	2.33	4	458.0	26.35	.30	--	--	--	96	4	--
Gibson Station (IN)	511	121.9	27.82	1.52	6	416.1	23.94	.30	--	--	--	100	*	--
Noblesville (IN)	10	166.4	36.48	2.07	--	--	--	--	--	--	--	100	--	--
Wabash River (IN)	82	114.9	25.82	2.11	2	441.9	25.43	.30	--	--	--	99	1	--
Richmond City of	25	150.4	33.15	2.07	--	--	--	--	--	--	--	100	--	--
Whitewater (IN)	25	150.4	33.15	2.07	--	--	--	--	--	--	--	100	--	--
Rochester City of	3	174.0	42.06	1.39	--	--	--	--	10	370.4	3.77	88	--	12
Silver Lake (MN)	3	174.0	42.06	1.39	--	--	--	--	10	370.4	3.77	88	--	12
Rochester Gas & Electric Corp	16	128.2	34.18	2.12	--	--	--	--	--	--	--	100	--	--
Beebe Station 3 (NY)	16	128.2	34.18	2.12	--	--	--	--	--	--	--	100	--	--
Ruston City of	--	--	--	--	--	--	--	--	183	227.0	2.40	--	--	100
Steam Plant (LA)	--	--	--	--	--	--	--	--	183	227.0	2.40	--	--	100
S Mississippi Elec Pwr Assn	72	208.3	51.91	.92	2	361.7	22.11	.33	282	277.0	2.78	86	1	14
Moselle (MS)	--	--	--	--	2	361.7	22.11	.33	282	277.0	2.78	--	5	95
R D Morrow (MS)	72	208.3	51.91	.92	--	--	--	--	--	--	--	100	--	--
Salt River Proj Ag I & P Dist	813	127.3	27.40	.48	4	492.5	29.54	.72	103	402.9	4.16	99	*	1
Agua Fria (AZ)	--	--	--	--	--	--	--	--	*	9,999.9	103.30	--	--	100
Coronado (AZ)	258	182.7	37.14	.41	--	--	--	--	--	--	--	100	--	--
Kyrene (AZ)	--	--	--	--	--	--	--	--	6	1,217.0	12.47	--	--	100
Navajo (AZ)	555	103.6	22.86	.51	4	492.5	29.54	.72	--	--	--	100	*	--
Santan (AZ)	--	--	--	--	--	--	--	--	97	335.4	3.46	--	--	100
San Antonio City of	432	125.3	21.16	.32	--	--	--	--	2,842	270.8	2.76	72	--	28
Braunig (TX)	--	--	--	--	--	--	--	--	396	270.8	2.74	--	--	100
JT Deely/Spruce (TX)	432	125.3	21.16	.32	--	--	--	--	22	271.2	2.77	100	--	*
Sommers (TX)	--	--	--	--	--	--	--	--	2,269	270.9	2.77	--	--	100
Tuttle (TX)	--	--	--	--	--	--	--	--	155	270.5	2.78	--	--	100
San Diego Gas & Electric Co	--	--	--	--	--	--	--	--	2,468	408.2	4.18	--	--	100
Encina (CA)	--	--	--	--	--	--	--	--	1,410	394.6	4.03	--	--	100
South Bay (CA)	--	--	--	--	--	--	--	--	1,058	426.3	4.37	--	--	100
San Miguel Electric Coop Inc	264	96.1	10.42	1.90	--	--	--	--	--	--	--	100	--	--
San Miguel (TX)	264	96.1	10.42	1.90	--	--	--	--	--	--	--	100	--	--
Savannah Electric & Power Co	9	165.0	39.70	2.25	*	517.0	29.97	.50	58	410.0	4.20	78	*	21
Kraft (GA)	--	--	--	--	--	--	--	--	58	410.0	4.20	--	--	100
McIntosh (GA)	9	165.0	39.70	2.25	*	517.0	29.97	.50	--	--	--	99	1	--
Seminole Electric Coop Inc	311	179.4	43.59	2.39	4	433.2	25.62	.19	--	--	--	100	*	--
Seminole (FL)	311	179.4	43.59	2.39	4	433.2	25.62	.19	--	--	--	100	*	--

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		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)			
Sierra Pacific Power Co	61	200.1	40.14	0.41	1	523.5	30.45	0.00	1,602	226.8	2.32	43	*	57
Fort Churchill (NV)	--	--	--	--	--	--	--	--	879	226.8	2.32	--	--	100
North Valmy (NV)	61	200.1	40.14	.41	1	523.5	30.45	.00	--	--	--	100	*	--
Tracy (NV)	--	--	--	--	--	--	--	--	723	226.8	2.32	--	--	100
Solid Waste Auth of Central Ohio ..	--	--	--	--	--	--	--	--	10	249.0	2.58	--	--	100
Solid Waste R F (OH)	--	--	--	--	--	--	--	--	10	249.0	2.58	--	--	100
South Carolina Electric&Gas Co	356	159.3	41.24	1.12	--	--	--	--	6	329.5	3.37	100	--	*
Canadys (SC)	33	165.0	41.40	1.35	--	--	--	--	4	329.4	3.37	99	--	1
Mcmeekin (SC)	22	148.9	38.05	1.39	--	--	--	--	--	--	--	100	--	--
Urguhart (SC)	57	153.7	40.57	1.21	--	--	--	--	2	329.6	3.38	100	--	*
Wateree (SC)	162	160.7	41.93	1.11	--	--	--	--	--	--	--	100	--	--
Williams (SC)	81	161.0	41.14	.90	--	--	--	--	--	--	--	100	--	--
South Carolina Pub Serv Auth	438	153.1	38.84	1.21	--	--	--	--	--	--	--	100	--	--
Cross (SC)	145	157.0	39.04	1.08	--	--	--	--	--	--	--	100	--	--
Grainger (SC)	4	155.3	42.53	2.20	--	--	--	--	--	--	--	100	--	--
Jefferies (SC)	45	142.6	35.68	1.60	--	--	--	--	--	--	--	100	--	--
Winyah (SC)	244	152.7	39.24	1.20	--	--	--	--	--	--	--	100	--	--
Southern California Edison Co	169	187.1	40.96	.52	--	--	--	--	7,553	345.6	3.59	32	--	68
Alamitos (CA)	--	--	--	--	--	--	--	--	1,263	358.3	3.64	--	--	100
Cool Water (CA)	--	--	--	--	--	--	--	--	4	381.4	3.37	--	--	100
El Segundo (CA)	--	--	--	--	--	--	--	--	1,268	352.1	3.65	--	--	100
Etiwanda (CA)	--	--	--	--	--	--	--	--	671	363.3	3.72	--	--	100
Huntington Beach (CA)	--	--	--	--	--	--	--	--	468	303.8	3.14	--	--	100
Long Beach (CA)	--	--	--	--	--	--	--	--	85	364.0	3.72	--	--	100
Mandalay (CA)	--	--	--	--	--	--	--	--	393	333.0	3.55	--	--	100
Mohave (NV)	169	187.1	40.96	.52	--	--	--	--	247	285.3	2.93	94	--	6
Ormond Beach (CA)	--	--	--	--	--	--	--	--	1,234	363.7	3.81	--	--	100
Redondo (CA)	--	--	--	--	--	--	--	--	1,920	335.0	3.52	--	--	100
Southern Illinois Power Coop	14	95.0	21.91	2.85	1	459.0	26.15	.00	--	--	--	98	2	--
Marion (IL)	14	95.0	21.91	2.85	1	459.0	26.15	.00	--	--	--	98	2	--
Southern Indiana Gas & Elec Co	164	153.4	34.03	2.50	*	495.7	28.94	.39	9	286.3	2.94	100	*	*
A B Brown (IN)	59	187.1	43.84	3.64	--	--	--	--	5	286.3	2.94	100	--	*
Culley (IN)	79	135.3	29.08	1.82	*	495.7	28.94	.39	--	--	--	100	*	--
Warrick (IN)	26	125.8	27.02	2.02	--	--	--	--	4	286.3	2.94	99	--	1
Southwestern Electric Power Co	955	147.4	23.41	.53	--	--	--	--	1,193	370.0	3.37	93	--	7
Flint Creek (AR)	157	126.5	21.46	.28	--	--	--	--	--	--	--	100	--	--
Pirkey (TX)	272	126.8	17.15	1.09	--	--	--	--	2	270.1	2.96	100	--	*
Welsh Station (TX)	526	162.4	27.22	.32	--	--	--	--	--	--	--	100	--	--
Wilkes (TX)	--	--	--	--	--	--	--	--	1,191	370.2	3.37	--	--	100
Southwestern Public Service Co	722	171.0	30.26	.30	--	--	--	--	3,481	216.3	2.17	79	--	21
Cunningham (NM)	--	--	--	--	--	--	--	--	564	239.5	2.41	--	--	100
Harrington (TX)	390	145.5	25.58	.28	--	--	--	--	4	286.0	2.88	100	--	*
Jones (TX)	--	--	--	--	--	--	--	--	1,267	216.5	2.21	--	--	100
Maddox (NM)	--	--	--	--	--	--	--	--	392	254.5	2.57	--	--	100
Nichols (TX)	--	--	--	--	--	--	--	--	1,150	189.7	1.85	--	--	100
Plant X (TX)	--	--	--	--	--	--	--	--	102	224.4	2.26	--	--	100
Tolk (TX)	332	200.6	35.77	.33	--	--	--	--	2	286.0	2.85	100	--	*
Springfield City of	66	136.3	32.44	1.24	--	--	--	--	14	256.1	2.63	99	--	1
James River (MO)	20	137.3	33.97	.50	--	--	--	--	7	256.1	2.63	99	--	1
Southwest (MO)	46	135.8	31.76	1.56	--	--	--	--	7	256.1	2.63	99	--	1
Springfield City of	70	113.4	23.52	3.05	--	--	--	--	--	--	--	100	--	--
Dallman (IL)	65	113.4	23.52	3.05	--	--	--	--	--	--	--	100	--	--
Lakeside (IL)	5	113.4	23.52	3.05	--	--	--	--	--	--	--	100	--	--
St Joseph Light & Power Co	13	140.1	33.16	3.07	3	193.6	12.00	2.45	34	278.1	2.81	86	5	9
Lakeroad (MO)	13	140.1	33.16	3.07	3	193.6	12.00	2.45	34	278.1	2.81	86	5	9

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		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			
Sunflower Electric Coop Inc	126	112.0	18.79	0.33	--	--	--	--	6	350.0	2.80	100	--	*
Holcomb (KS)	126	112.0	18.79	.33	--	--	--	--	6	350.0	2.80	100	--	*
Tacoma City of	--	--	--	--	*	682.0	39.53	0.50	*	731.0	7.68	--	36	64
Steam No.2 (WA)	--	--	--	--	*	682.0	39.53	.50	*	731.0	7.68	--	36	64
Tallahassee City of	--	--	--	--	--	--	--	--	1,179	275.0	2.84	--	--	100
Hopkins (FL)	--	--	--	--	--	--	--	--	1,179	275.0	2.84	--	--	100
Purdum (FL)	--	--	--	--	--	--	--	--	*	275.0	2.84	--	--	100
Tampa Electric Co	574	176.6	43.36	2.15	86	279.0	17.67	.84	--	--	--	96	4	--
Big Bend (FL)	--	--	--	--	3	439.2	25.83	.16	--	--	--	--	100	--
Davant Transfer (LA)	513	170.9	41.75	2.27	--	--	--	--	--	--	--	100	--	--
Gannon (FL)	62	222.5	56.73	1.14	4	434.4	25.45	.14	--	--	--	99	1	--
Hookers Point (FL)	--	--	--	--	80	267.4	17.03	.90	--	--	--	--	100	--
Tennessee Valley Authority	3,213	124.9	29.80	2.27	17	456.5	26.56	.50	--	--	--	100	*	--
Allen (TN)	113	126.6	30.97	2.16	1	466.1	27.06	.50	--	--	--	100	*	--
Bull Run (TN)	205	124.2	32.31	1.25	--	--	--	--	--	--	--	100	--	--
Colbert (AL)	161	134.2	31.75	1.43	2	508.7	29.08	.50	--	--	--	100	*	--
Cumberland (TN)	673	131.0	30.21	2.78	6	427.5	25.08	.50	--	--	--	100	*	--
Gallatin (TN)	259	124.4	30.58	2.62	1	509.0	29.74	.50	--	--	--	100	*	--
Johnsonville (TN)	257	135.8	32.23	1.70	1	547.6	31.95	.50	--	--	--	100	*	--
Kingston (TN)	328	125.3	31.68	1.32	--	--	--	--	--	--	--	100	--	--
Paradise (KY)	509	105.0	23.03	4.04	2	431.2	25.17	.50	--	--	--	100	*	--
Sevier (TN)	151	124.4	31.61	1.16	--	--	--	--	--	--	--	100	--	--
Shawnee (KY)	199	129.2	31.13	1.49	2	429.6	24.90	.50	--	--	--	100	*	--
Widows Creek (AL)	358	125.9	30.47	1.68	2	465.2	26.56	.50	--	--	--	100	*	--
Terrabonne Parrish Con	--	--	--	--	--	--	--	--	94	278.5	2.91	--	--	100
Houma (LA)	--	--	--	--	--	--	--	--	94	278.5	2.91	--	--	100
Texas Municipal Power Agency	291	173.4	16.63	1.56	--	--	--	--	--	--	--	100	--	--
Gibbons Creek (TX)	291	173.4	16.63	1.56	--	--	--	--	--	--	--	100	--	--
Texas Utilities Electric Co	2,837	91.5	11.80	.86	--	--	--	--	20,777	293.7	3.02	63	--	37
Big Brown (TX)	468	78.8	10.61	.76	--	--	--	--	204	293.7	3.03	97	--	3
Decordova (TX)	--	--	--	--	--	--	--	--	3,317	293.7	2.99	--	--	100
Eagle Mountain (TX)	--	--	--	--	--	--	--	--	249	293.7	3.02	--	--	100
Graham (TX)	--	--	--	--	--	--	--	--	2,127	293.7	3.08	--	--	100
Handley (TX)	--	--	--	--	--	--	--	--	1,253	293.7	3.03	--	--	100
Lake Creek (TX)	--	--	--	--	--	--	--	--	32	293.7	3.15	--	--	100
Lake Hubbard (TX)	--	--	--	--	--	--	--	--	2,016	293.7	3.03	--	--	100
Martin Lake (TX)	1,233	76.4	10.04	1.01	--	--	--	--	--	--	--	100	--	--
Monticello (TX)	799	121.2	14.49	.51	--	--	--	--	--	--	--	100	--	--
Morgan Creek (TX)	--	--	--	--	--	--	--	--	2,642	293.7	2.99	--	--	100
North Lake (TX)	--	--	--	--	--	--	--	--	1,272	293.7	2.98	--	--	100
Parkdale (TX)	--	--	--	--	--	--	--	--	35	293.7	2.95	--	--	100
Permian Basin (TX)	--	--	--	--	--	--	--	--	1,096	293.7	3.00	--	--	100
Sandow No 4 (TX)	337	100.4	13.57	1.26	--	--	--	--	--	--	--	100	--	--
Stryker (TX)	--	--	--	--	--	--	--	--	1,790	293.7	3.04	--	--	100
Tradinghouse (TX)	--	--	--	--	--	--	--	--	3,150	293.7	3.03	--	--	100
Valley (TX)	--	--	--	--	--	--	--	--	1,594	293.7	3.03	--	--	100
Texas-New Mexico Power Co	165	154.5	20.76	1.09	--	--	--	--	8	279.5	2.79	100	--	*
TNP One (Tx)	165	154.5	20.76	1.09	--	--	--	--	8	279.5	2.79	100	--	*
Toledo Edison Co	138	171.7	44.66	1.21	1	456.3	26.23	.24	2	456.2	4.68	100	*	*
Acme (OH)	--	--	--	--	--	--	--	--	2	456.2	4.68	--	--	100
Bay Shore (OH)	138	171.7	44.66	1.21	1	456.3	26.23	.24	--	--	--	100	*	--
Tri State Gen & Trans Assn, Inc	329	113.8	22.88	.35	--	--	--	--	7	205.4	2.16	100	--	*
Craig (CO)	314	114.6	23.24	.34	--	--	--	--	7	205.4	2.16	100	--	*
Nucla (CO)	15	93.6	15.44	.59	--	--	--	--	--	--	--	100	--	--

See notes and footnotes at end of table.

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		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)			
Tucson Electric Power Co	245	166.8	30.55	0.67	--	--	--	--	219	297.3	3.05	95	--	5
Irvington (AZ)	11	228.4	46.95	.37	--	--	--	--	219	297.3	3.05	50	--	50
Springerville (AZ)	234	163.5	29.78	.68	--	--	--	--	--	--	--	100	--	--
Union Electric Co	65.2	135.0	27.38	.91	20	424.0	24.40	0.29	11	330.2	3.34	99	1	*
Labadie (MO)	26.0	97.8	17.91	.38	18	424.1	24.40	.29	--	--	--	98	2	--
Meramec (MO)	97	212.7	49.68	1.28	--	--	--	--	8	330.2	3.34	100	--	*
Rush Island (MO)	192	126.5	26.73	1.10	--	--	--	--	--	--	--	100	--	--
Sioux (MO)	94	156.3	32.80	1.68	2	423.4	24.36	.29	--	--	--	99	1	--
Venice No 2 (IL)	--	--	--	--	--	--	--	--	3	330.2	3.34	--	--	100
United Illuminating Co	69	170.6	44.71	.52	88	245.4	15.76	.98	--	--	--	76	24	--
Bridgeport Harbor (CT)	69	170.6	44.71	.52	--	--	--	--	--	--	--	100	--	--
New Haven Hbr (CT)	--	--	--	--	88	245.4	15.76	.98	--	--	--	--	100	--
United Power Assn	82	64.5	8.61	.63	--	--	--	--	--	--	--	100	--	--
Stanton (ND)	82	64.5	8.61	.63	--	--	--	--	--	--	--	100	--	--
Vero Beach City of	--	--	--	--	--	--	--	--	308	337.8	3.46	--	--	100
Vero Beach (FL)	--	--	--	--	--	--	--	--	308	337.8	3.46	--	--	100
Virginia Electric & Power Co	794	137.1	34.62	1.39	2	453.4	26.66	.20	173	506.1	5.31	99	*	1
Bremo Bluff (VA)	65	145.1	37.03	1.08	--	--	--	--	--	--	--	100	--	--
Chesapeake Energy (VA)	143	149.3	38.91	1.03	--	--	--	--	*	852.2	8.97	100	--	*
Chesterfield (VA)	131	142.3	36.43	1.20	--	--	--	--	173	498.7	5.23	95	--	5
Mount Storm (WV)	350	123.8	30.53	1.77	2	453.4	26.66	.20	--	--	--	100	*	--
Pocomoke Point (VA)	77	150.1	38.09	.92	--	--	--	--	--	--	--	100	--	--
Yorktown (VA)	28	153.6	40.16	1.53	--	--	--	--	*	10,000.0	104.00	100	--	*
West Penn Power Co	343	144.5	37.24	2.27	1	435.5	25.79	.27	2	430.8	4.31	100	*	*
Armstrong (PA)	67	123.7	30.88	1.82	1	417.2	24.71	.27	--	--	--	100	*	--
Hatfield (PA)	232	152.8	39.83	2.28	*	499.0	29.55	.27	--	--	--	100	*	--
Mitchell (PA)	44	130.3	33.28	2.94	--	--	--	--	2	430.8	4.31	100	--	*
West Texas Utilities Co	290	160.7	26.75	.37	--	--	--	--	3,528	242.0	2.42	58	--	42
Fort Phantom (TX)	--	--	--	--	--	--	--	--	1,658	233.2	2.33	--	--	100
Oak Creek (TX)	--	--	--	--	--	--	--	--	410	276.4	2.77	--	--	100
Oklahoma (TX)	290	160.7	26.75	.37	--	--	--	--	--	--	--	100	--	--
Paint Creek (TX)	--	--	--	--	--	--	--	--	110	338.0	3.46	--	--	100
Rio Pecos (TX)	--	--	--	--	--	--	--	--	650	175.1	1.73	--	--	100
San Angelo (TX)	--	--	--	--	--	--	--	--	700	288.8	2.89	--	--	100
Western Farmers Elec Coop Inc	96	200.5	33.38	.42	--	--	--	--	446	233.9	2.66	76	--	24
Anadarko (OK)	--	--	--	--	--	--	--	--	446	233.9	2.66	--	--	100
Hugo (OK)	96	200.5	33.38	.42	--	--	--	--	--	--	--	100	--	--
Western Massachusetts Elec Co	--	--	--	--	--	--	--	--	2	240.0	2.44	--	--	100
West Springfield (MA)	--	--	--	--	--	--	--	--	2	240.0	2.44	--	--	100
Wisconsin Electric Power Co	731	121.0	24.37	.51	16	408.4	23.90	.28	100	348.1	3.52	99	1	1
Oak Creek (WI)	150	156.8	38.49	.50	--	--	--	--	72	344.5	3.48	98	--	2
Pleasant Prairie (WI)	365	69.1	11.83	.35	--	--	--	--	16	357.7	3.61	100	--	*
Port Washington (WI)	53	157.8	41.67	1.48	--	--	--	--	8	350.3	3.55	99	--	1
Presque Isle (MI)	163	162.4	33.86	.57	1	457.3	26.76	.28	--	--	--	100	*	--
Storage Facility #1	--	--	--	--	15	405.8	23.75	.28	--	--	--	--	100	--
Valley (WI)	--	--	--	--	--	--	--	--	4	369.4	3.70	--	--	100
Wisconsin Power & Light Co	586	125.7	23.25	.53	*	381.3	22.42	.00	1	344.2	3.44	100	*	*
Blackhawk (WI)	--	--	--	--	--	--	--	--	1	344.2	3.44	--	--	100
Columbia (WI)	262	120.2	20.72	.40	--	--	--	--	--	--	--	100	--	--
Edgewater (WI)	216	127.8	24.42	.62	--	--	--	--	--	--	--	100	--	--
Nelson Dewey (WI)	92	119.3	23.78	.39	*	450.0	26.46	.00	--	--	--	100	*	--
Rock River (WI)	16	200.3	45.60	2.06	*	335.7	19.74	.00	--	--	--	100	*	--
Wisconsin Public Service Corp	197	135.5	25.02	.36	--	--	--	--	26	406.5	4.13	99	--	1

See notes and footnotes at end of table

Table 63. Receipts, Average Cost, and Quality of Fossil Fuels Delivered to U.S. Electric Utilities by Company and Plant, May 1993 (Continued)

Utility (Holding Company) Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		Avg. Sulfur %	Receipts	Average Cost ²		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 Public Service Corp														
Pulliam (WI)	102	128.6	24.93	0.39	--	--	--	--	20	436.9	4.44	99	--	1
Weston (WI)	95	143.9	25.12	.33	--	--	--	--	6	304.9	3.09	100	--	*
Wyandotte Municipal Serv Comm ..	9	304.0	76.91	2.70	--	--	--	--	--	--	--	100	--	--
Wyandotte (MI)	9	304.0	76.91	2.70	--	--	--	--	--	--	--	100	--	--
U.S. Total	62,599	139.9	29.06	1.20	10,825	² 288.1	17.01	1.11	163,925	² 286.3	2.92	85	4	11

¹ The May 1993 petroleum coke receipts were 105,237 short tons and the cost was 61.8 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: •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 1993 are preliminary. •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

Major Disturbances and Unusual Occurrences in U.S. Electric Power Systems

Major Disturbances and Unusual Occurrences in U.S. Electric Power Systems

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

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

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

A report is mandatory when, for the purpose of maintaining the continuity of the bulk power supply system,

a utility (1) initiates a system voltage reduction of 3 percent or more, (2) disconnects circuits supplying over 100 megawatts of firm customer load, or (3) issues an appeal to the public for a voluntary reduction in the use of electricity. A report is also mandatory in regard to any actual or suspected act of sabotage or terrorism directed at the bulk power supply system.

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

The operation of the bulk power system in the United States should be as trouble-free as possible. To that end, information is collected, as discussed above, regarding major disturbances to the normal functioning of that system. Events, such as damage to some local distribution circuits by storms or other uncontrollable events, do not greatly affect the supply of bulk power to the system as a whole. These events are more properly the concern of local and State authorities.

Data Sources

The information contained in Table A1 is based on data from the Form OE-417R, "Electric Power System Emergency Report." These data are collected by the Office of Energy Emergency Operations (under the Assistant Secretary for International Affairs and Energy Emergencies).

Table A1. Major Disturbances and Unusual Occurrences in U.S. Electric Power Systems, 1993

Date	Time	Area	Utility/Power Pool (NERC Council)	Type of Disturbance	Loss (megawatt)	Number of Customers Affected	Restoration Time
1/01/93	10:19 AM	Portola, CA	Plumas-Sierra Rural Electric Coop. (WSCC)	¹ Line Fault	16	5,592	10:21 AM Same Day
1/01/93	11:19 AM	Portola, CA	Plumas-Sierra Rural Electric Coop. (WSCC)	² Line outage	16	5,492	11:33 AM Same Day
1/01/93	2:14 PM	Portola, CA	Plumas-Sierra Rural Electric Coop. (WSCC)	³ Line fault	16	5,492	3:23 PM Same Day
1/04/93	5:26 PM	Puget Sound area, WA	Bonneville Power Administration (WSCC)	⁴ Circuit Bkr	514	NA	6:23 PM Same Day
1/06/93	7:36 PM	Portola, CA	Plumas-Sierra Rural Electric Coop. (WSCC)	⁵ Line Fault	16	5,492	7:42 PM Same Day
1/07/93	1:39 AM	Portola, CA	Plumas-Sierra Rural Electric Coop. (WSCC)	⁶ Line Fault	16	5,492	2:15 PM Same Day
1/07/93	4:52 AM	Portola, CA	Plumas-Sierra Rural Electric Coop. (WSCC)	⁷ Line open	16	5,492	1:17 PM Same Day
1/10/93	1:27 AM	Portola, CA	Plumas-Sierra Rural Electric Coop. (WSCC)	⁸ Storm	5	16	1:41 PM Same Day
1/20/93	6:00 AM	Lewis County WA	P.U.D. No. 1 of Lewis County, WA (WSCC)	⁹ Storm	120	20,000	Midnight 1/23/93
1/20/93	7:30 AM	Puget Sound area, WA	Puget Sound Power and Light Company (WSCC)	¹⁰ Storm	2,000	500,000	9:00 AM 1/25/93
2/17/93	3:09 PM	Watertown, SD	Western Area Power Administration (MAPP)	¹¹ C. B. Fail	40	NA	3:27 PM Same Day
3/12/93	8:00 PM	Alabama	Alabama Power Company (APC) (SERC)	¹² Storm	NA	256,000	12:00 PM 3/17/93
3/12/93	9:41 PM	Wes. Central FL	Florida Power Corporation (FPC) (SERC)	¹³ Storm	1,000	400,000	12:00 AM 3/18/93
3/12/93	Evening	Eastern TN, Northeast AL Northern GA	Tennessee Valley Authority (TVA) (SERC)	¹⁴ Storm	1,000	517,617	Morning 3/22/93
3/13/93	1:00 AM	Southern and Eastern, FL	Florida Power and Light Company (FPL) (SERC)	¹⁵ Storm	1,600	500,000	3:00 PM 3/16/93
3/13/93	6:30 AM	Georgia	Oglethorpe Power Corporation (OPC) (SERC)	¹⁶ Storm	625	300,000	5:00 PM 3/19/93
3/13/93	3:35 PM	New England	New England Power Pool (NEPOOL) (NPCC)	¹⁷ Storm	NA	115,000	9:00 AM 9/15/93
3/13/93	2:53 AM	Delmarva Peninsula	Delmarva Power and Light Company (MAAC)	¹⁸ Storm	NA	20,000	4:14 PM 3/14/93

See endnotes on the next page.

Table A1. Major Disturbances and Unusual Occurrences in U.S. Electric Power Systems, 1993—Continued

Date	Time	Area	Utility/Power Pool (NERC Council)	Type of Disturbance	Loss (megawatt)	Number of Customers Affected	Restoration Time
3/13/93	Late PM	Western, MD	Potomac Edison Company (ECAR)	¹⁹ Storm	NA	3,500	1:00 PM 3/15/93
3/13/93	1:13 PM	Long Island, N.Y.	Long Island Lighting Company (LILCO) (NPCC)	²⁰ Storm	NA	145,000	1:00 PM 3/14/93
3/13/93	Early AM	S.E. New York State	Orange and Rockland Utilities (NPCC)	²¹ Storm	NA	6,000	Morning 3/14/93
3/13/93	Morning	S.E. New York State	Rochester Gas and Electric Company (NPCC)	²² Storm	NA	4,500	12:00 PM 3/14/93
3/13/93	NA	Baltimore and Northeast MD	Baltimore Gas and Electric Company (MAAC)	²³ Storm	NA	132,000	12:00 AM 3/14/93
3/13/93	NA	Washington DC and Southern MD	Potomac Electric Power Company (MAAC)	²⁴ Storm	NA	6,500	na 3/14/93
3/13/93	NA	New York City	Consolidated Edison Company of NY (NPCC)	²⁵ Storm	NA	5,000	12:00 PM 3/14/93
3/13/93	NA	Atlantic City NJ	Atlantic Electric Company (MAAC)	²⁶ Storm	NA	25,000	Evening 3/14/93
3/13/93	NA	Central and Eastern PA	Pennsylvania Power and Light Company (MAAC)	²⁷ Storm	NA	49,000	Morning 3/15/93
3/13/93	7:00 AM	New Jersey	Public Service Electric and Gas Company (MAAC)	²⁸ Storm	NA	26,000	12:00 PM 3/14/93
3/13/93	Midday	East Central NJ	Jersey Central Power and Light Company (MAAC)	²⁹ Storm	NA	74,000	6:00 PM 3/14/93
3/13/93	6:00 AM	Philadelphia PA and Suburbs	Philadelphia Electric Company (MAAC)	³⁰ Storm	NA	100,000	Evening 3/14/93
3/22/93	5:37 AM MST	Eastern WSCC	Western Area Power Administration (WAPA) (WSCC)	³¹ Equipment	60	13 Wholesale	6:25 AM Same Day
4/27/93	10:46 AM	New York City	Consolidated Edison Company of N.Y. (NPCC)	³² V.R. Test	120	2,957,036	11:44 AM Same Day
5/27/93	11:33 AM MAST	Salt Lake City Utah	Pacificorp East NW Power Pool (WSCC)	³³ Bus Trips	230	NA	11:54 AM Same Day

¹ A tree fell into the Pacific Gas and Electric Company line that supplies the cooperative, causing the line to trip.

² The Pacific Gas and Electric Company line supplying the cooperative was out of service. No cause was stated.

³ A 21-kilovolt circuit fell into the 60-kilovolt circuit from Pacific Gas and Electric that supplies the cooperative; the supply line tripped.

⁴ The 230-kilovolt circuit breaker at the Olympia Substation of Bonneville Power Administration (BPA) caught fire, causing loss of the east bus.

This breaker was on the 230-kilovolt line to Kitsap. The Olympia-to-Shelton No. 4 230-kilovolt line then was tripped by protective relays (reason unknown), separating the Olympic peninsula from the 230-kilovolt system. The resulting overload caused tripping of the Shelton-Kitsap No. 2 115-kilovolt line within 12 seconds of the breaker fire and also resulted in tripping of the 230/115 kilovolt transformer at Fairmount Substation on overload. Load was restored in times ranging from 9 minutes to 57 minutes. Customers without service were Daishowa Paper Mill, Rayonier Paper Mill, U.S. Navy, and an unknown number of customers in the service areas of City of Port Angeles, Puget Sound Power and Light Company and Clallum County (WA) Public Utility District No. 1.

⁵ Outage of supply line from Pacific Gas and Electric Company due to fault on neutral overcurrent.

⁶ Fault on the Pacific Gas and Electric Company supply line, reason unknown.

⁷ Outage of supply line from Pacific Gas and Electric Company; a jumper burned open on the first pole out of Quincy substation on the Pacific Gas and Electric system.

- ⁸ Supply line from Pacific Gas and Electric Company locked out due to storm.
 - ⁹ A windstorm caused trees to fall into overhead lines, breaking poles, crossarms and insulators, and damaging distribution transformers. Many miles of line conductor were knocked to the ground.
 - ¹⁰ By noon on January 20, 1993, the storm which had begun at about 7:30 AM had caused the loss of about 500,000 customers. As of 10:00 AM on January 21, some 340,000 customers were still without power. At 6:30 AM on January 22, about 160,000 customers were still without power, with 350 line crews working on service restoration. There were no significant generation problems but many distribution lines and about 50 transmission lines were down.
 - ¹¹ Failure of a 115-kilovolt bus circuit breaker de-energized the bus and circuits to Waterloo, South Dakota and the East River Cooperative. The total load of the two systems was about 40-megawatts. Watertown has a population of about 17,000. Power to the cooperative was restored in one minute by switching to an alternate feeder. Power to Watertown was restored in 18 minutes.
 - ¹² Heavy snowfall and storm conditions damaged distribution facilities and tripped 18 transmission lines. Lines out of service at various times during the storm were: 15 at 115-kilovolts, 1 at 161-kilovolts, 2 at 230-kilovolts. The 500 kilovolts lines did not trip.
 - ¹³ Severe weather with winds gusting to 100 mph and sustained winds of 20-30 mph traversed the 32-county service area of FPC. Winds damaged microwave facilities at Crystal River Plant and at major load centers in the Orlando area. Salt spray contamination and flooding to the level of switchyard foundation caps also occurred at the Crystal River plant. Tie-line, substation and generation control and indication circuits were lost. High winds hampered aerial bucket-truck work. An FPC Phase I Capacity Alert was declared at 5:00 PM on March 13 due to severe cold front, 2 large steam units on annual maintenance and one large unit on forced outage. On Sunday March 14, two additional large steam units were forced out due to failure of contaminated insulation, and a Statewide Capacity Alert was declared for Monday morning March 15 because state operating reserve margin was less than the required amount. On March 15, an FPC Phase II Capacity Alert was declared at 6:00 AM because high loads were anticipated and some generating units were unavailable. A Statewide Capacity Emergency was declared because it appeared possible that firm loads might have to be curtailed. An FPC Phase III Capacity Alert was declared at 7:06 AM. Load management interruptible load actions were implemented, a 1.5 percent voltage reduction was instituted and emergency power purchases were made. Firm loads were not curtailed. At 7:53 AM, the FPC Phase III Capacity Alert was terminated. The Phase II and Phase I Capacity Alerts were ended at 11:00 AM. On March 17, transmission problems were again experienced because of wind-blown salt contamination and misting rain and fog. Problems at the Crystal River plant 230-kilovolt and 500-kilovolt switchyards caused loss of all remaining units at the plant (1,350 megawatt scheduled off and 2,000 megawatt forced out). The last customers were returned to service on March 18.
 - ¹⁴ The TVA service area was subjected to blizzard conditions on the evening of March 12 and the morning of March 13. Winds and falling trees damaged the distribution system, mainly in the area from Scottsboro, Alabama to Bristol, Virginia. Ten transmission and subtransmission lines tripped and were restored in about 2.5 hours on the average. As of March 22 about 2,500 customers, mostly in the mountainous terrain of northern Alabama and northern Georgia, were still without electrical service. About 125 line crews were used to restore service, made up of TVA construction and maintenance personnel and crews from TVA distributors in the central and western portions of TVA's service area. The total customers without power on March 13 were: Tennessee 348,960, Alabama 91,157, Georgia 77,500.
 - ¹⁵ Heavy winds, lightning and a cold front traversed the FPL service area beginning Saturday, March 13. Fifteen transmission lines tripped out of service, some of them several times. Thirteen of the lines serve a total of 47 distribution substations. All transmission lines and substations were back in service by the end of the day on March 13. All distribution feeders were back in service by Tuesday morning March 16. At the height of the storm on March 13 about 500,000 customers were without service. The number was reduced to 140,000 by Sunday morning March 14. As of 3:00 PM on Tuesday March 16, 13,500 customers were still without service, in northeastern Florida. The company had 1,650 utility and contract working crews on service restoration.
 - ¹⁶ OPC provides wholesale power to 39 of the 42 Electric Membership Corporations in Georgia. "Tornado-like winds" in southern Georgia and a blizzard in the central and northern parts of the state, beginning early Saturday, March 13 and continuing through Sunday, March 14 damaged distribution facilities. Transmission facilities were mostly intact.
 - ¹⁷ A blizzard with 70 mph winds and much snow caused tripping of two 345-kilovolt lines and three generators. In addition, nuclear units Millstone 1 and 3 had to reduce output because their cooling water intakes were clogged by debris due to high seas. Brayton Point 2 had its output reduced because of wet coal, the Canal plant had its output reduced because of opacity problems and Merrimack No. 2 unit had its output reduced because of a forced draft fan problem. Customer outages were due to distribution circuit damage.
 - ¹⁸ A storm tripped a 69-kilovolt line and affected numerous distribution circuits. At the Indian River Power Plant, a temporary operating problem occurred when high winds blew water out of the cooling water intake.
 - ¹⁹ Customer outages were due to storm effects on distribution circuits. The transmission system and generating plants were not affected.
 - ²⁰ Customer outages were due to storm effects on distribution circuits. There were no transmission problems, although winds gusting to 80 MPH knocked down some trees. At Northport Power Plant, one 380-megawatt unit tripped due to salt contamination on a standoff insulator and at Port Jefferson Power Plant one 190-megawatt unit tripped because of salt contamination on an insulator. Some contractor crews were called in to assist company line crews.
 - ²¹ Customer outages were caused by storm effects on distribution circuits. There were no generation or transmission problems.
 - ²² The storm affected distribution circuits but not the generation or transmission facilities.
 - ²³ Customers were affected by storm damage to distribution facilities but transmission facilities were not affected. Crane Generating Plant tripped when a static wire failed but the Plant was restored to service without difficulty.
 - ²⁴ The storm disrupted service to some customers by damaging distribution circuits. There were no generation or transmission problems and no need to activate the Edison Electric Institute Mutual Assistance Pact. Contractor crews were used to supplement the company's line crews in service restoration work.
 - ²⁵ Some distribution circuits were out of service because of the storm. Several transmission circuits tripped but were restored to service within two hours.
 - ²⁶ Distribution circuit damage interrupted service to some customers. No other difficulties were reported.
 - ²⁷ Some distribution circuits were out of service because of the storm, interrupting some customer service.
 - ²⁸ Distribution circuits tripped, interrupting customers. There were no problems with generation or transmission.
 - ²⁹ The service interruptions were caused by breakage of 35 distribution poles, 315 wire sections down, 2 circuit breaker trips and outage of 38 distribution circuits.
 - ³⁰ One transmission substation tripped when hit by lightning but was restored to service. Generating plants were not affected. Customer outages were caused by distribution circuit damage.
 - ³¹ A conductor of the Warren-Skyline 115-kilovolt line fell to the ground (cause unknown). The associated circuit breaker at Archer Substation failed to trip, causing the tripping of four additional 115-kilovolt lines and three 230 kilovolt lines out of Archer, and the Poudre-Richard Lake 115-kilovolt line. The HVDC Converter Stations at Stegall (110 megawatt) and Sidney (200 megawatt) tripped with 300 megawatt flowing from MAPP to WSCC, and Unit 1 at Hayden Power Plant in Colorado, carrying 180 megawatt, also tripped. Frequency rose to 60.01 cycles and fell to 59.96. Sixty megawatts of firm load being supplied to 13 wholesale customers was lost. Transmission restoration began within 5 minutes, generation was restored within 17 minutes and load within 48 minutes. There were no adverse effects in MAPP.
 - ³² Consolidated Edison Company instituted a test of its voltage reduction procedures. 8 percent at 10:46 AM, 5 percent at 10:54 AM, 3 percent at 11:14 AM, normal voltage at 11:44 AM.
 - ³³ The 138-kilovolt Pacificorp East 90th South Substation was in a single bus configuration for maintenance; work was in progress to return it to the normal double bus arrangement. The 138-kilovolt bus differential relaying operated inadvertently to clear the East and West busses, tripping five 138-kilovolt lines, two 345/138-kilovolt transformers and three 138/46 kilovolt transformers. Two megawatts of small hydro generation (at Stairs and Granite hydro plants) tripped, as well as 230 megawatts of firm load. Restoration began immediately.
- Notes: •Due to the many severe disturbances occurring as a result of the flooding in the midwest, no data for June are available at this time.
- Under the Code of Federal Regulations (10 CFR Part 205) and published in the **Federal Register** of October 31, 1986, the United States Department of Energy does not receive reports of distribution system outages that are local in nature and affect only a small area or a small number of customers. The following abbreviations may be applicable:
- PAST - Pacific Advanced Standard Time.

EDT = Eastern Daylight Time,
 EST = Eastern Standard Time,
 Int = Interruption of service,
 LF = Line Fault (*Accidental contact of energized conductors or of energized conductors with ground*)
 LR = Load Reduction,
 LTNG = Lightning Strike,
 MAST = Mountain Advanced Standard Time,
 MW = Megawatts,
 NA = Not Available,
 PA = Public Appeal,
 EMC = Electric Membership Corporation,
 UO = Unusual Occurrence,
 VR = Voltage Reduction,
 LS = Load Shedding,
 LC = Curtailment and interruptible customers were to drop some load
 IPL = Indianapolis Power and Light Company,
 PSI = Public Service of Indiana,
 HE = Hoosier Energy Rural Electric Cooperative,
 IM = Indiana Michigan Power Company (subsidiary of American Electric Power Company).
 Source: International Affairs and Energy Emergencies, Form IE-417R, "Electric Power System Emergency Report."

Appendix B

References

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Appendix C

Technical Notes

Technical Notes

Sources of Data

The *Electric Power Monthly (EPM)* is prepared by the Survey Management 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. Three 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 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." In addition, the *Electric Power Monthly* also includes data collected on the Form OE-417R, "Electric Power System Emergency Report." A brief summary of these forms is presented below.

Form EIA-759

The Form EIA-759 is a census of all operators of electric utility plants producing electric power for public use. 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 prime mover and 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 aggregated data 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.

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. The FERC will process the data through edits and each month provide the EIA with a diskette containing the data. The EIA will review the data for accuracy. Publication of the data will not be effected.

Data Processing. 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 250 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. This is the first year (1993) EIA has 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 Form EIA-826 provides some financial data to the Department of Commerce for use in calculating the Gross Domestic Product and construction costs. 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.

Frame. 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. 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, we are 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 State, Census division, and U.S. level sales, revenue and revenue per kilowatthour by customer sector (residential, commercial, industrial and other). 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, 13) 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 on a cost-recovery basis.

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 *Financial Statistics of Selected Publicly Owned Electric Utilities*; the *Financial Statistics of Selected Investor-Owned Electric Utilities*; 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 completed forms are to be returned to the EIA by May 1. 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 and Puerto Rico 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 as input to publications 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 December to collect data as of the end of the preceding calendar year. The completed forms are to be returned to the EIA by February 15. Data for each respondent are preprinted from the applicable data base. Respondents are instructed to verify all preprinted data and to supply missing data. The data are manually edited before being keypunched for automatic data processing. Computer programs containing additional edit checks are run. Respondents are telephoned to obtain correction or clarification of reported data and to obtain missing data, as a result of the manual and automatic editing process.

Form OE-417R

Electric utilities or other entities, subject to the provisions of Section 311 of the Federal Power Act (FPA), that are engaged in the generation, transmission, or distribution of electric energy for delivery and/or sale to the public are required to report expeditiously any 1) loss of firm system loads; 2) voltage reductions and public appeals; 3) vulnerabilities that could impact bulk electric power system adequacy or reliability; and, 4) fuel supply emergencies to the DOE.

In accordance with Section 202(a) of the Federal Power Act (FPA), the DOE is responsible for encouraging actions to assure an abundant supply of electric energy throughout the country. Under Section 311 of the FPA, the DOE is authorized and directed to collect information regarding the generation, transmission, and distribution of electric energy and to report the problems and developments of the electric utility industry to Congress. The Secretary of Energy has the Federal responsibility of receiving reports of major electric utility system emergencies. The Secretary has delegated that responsibility to the Office of International Affairs and Energy Emergencies (IE) with the DOE.

Instrument and Design History. The collection of outage data was initiated by the FPC prior to the organization of the DOE. After Congress passed legislation creating the DOE, the collection of electric power system outage data became a function of the DOE. Currently the Assistant Secretary of IE is the principal DOE office for this activity. Form IE-417 was activated after public comment on a rule-making procedure (FR 7/6/83). The form was revised to Form IE-417R after public comment under a later rule-making procedure (FR 10/31/86). This organization is now known as the Office of Emergency Planning and Operations (OE). The Form IE-417R was renamed to OE-417R.

Data Processing. Reports of emergencies are usually received by the Alert Coordination Officer via telephone. The Director, Office of Emergency Operations,

has the authority to require a full technical report (after notice in the *Federal Register*).

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. (See items 3 and 6 in Appendix B). 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 10 in Appendix B.

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

The data collected on the forms used for input to this report are not confidential.

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-759. Data for the Form EIA-759 are collected at the plant level. These data are then aggregated to provide geographic totals at the State, Census division, and U.S. level, or totals by type of plant. 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.

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:

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

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-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 250 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, 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 is the square root of the estimated relative variance of 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 inability to obtain complete information regarding all cases in the sample, response errors, definitional difficulties, differences in the interpretation of questions, mistakes in recording or coding data obtained, and other errors of collection, response, coverage, or estimation for missing data. These nonsampling errors also occur in complete censuses. In a complete census, this problem may become unmanageable.

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.) 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, 14) with additional discussion of variance estimation in (Royall and Cumberland, 15), (Royall and Cumberland, 16), and (Knaub, 13).

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

Form EIA-861. Data for the Form EIA-861 are calculated 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 based on reported values in the 1984 data file. The formula is used to estimate values for existing units where data are missing and for projected units. In all formulas, the symbol, *, is an operator meaning multiplied by; the symbol, **, is an operator meaning raised to the specified power (exponent).

For nuclear units,

- Net Summer Capability equals $(0.8285 * (\text{Design Electrical Rating}^{**1.02509}))$, rounded to the nearest megawatt,
- New Winter Capability equals $(0.8593 * (\text{Design Electrical Rating}^{**1.0215}))$, rounded to the nearest megawatt,

where

- Design Electrical Rating is expressed in megawatts.

For non-nuclear units,

- Net Summer Capability equals $E^{**}(\ln(\text{generator Nameplate Capacity} * c))$, rounded to nearest megawatt,

where

- E, the base of natural logarithms (ln), is approximately 2.71828,
- Generator Nameplate Capacity is expressed in megawatts,
- i is the intercept, and c is the regression coefficient,
- i equals 0.02564, c equals 0.98423, for steam units (Unit Type is Steam Turbine - Boiler (ST)),
- i equals 0.10255, c equals 0.97841, for gas-turbine units (Unit Types are Gas Turbine (GT) and Jet Engine (JE)),
- i equals 0.00397, c equals 0.95914, for combined-cycle units (Unit Types are Combined Cycle Steam Turbine with Supplementary Firing (CA), Combined Cycle - Single Shaft (CS), Combined Cycle Steam Turbine with Only Waste Heat Capability (CW), and Combustion Cycle Combustion Turbine (CT)),
- i equals 0.08865, c equals 1.00966, for internal combustion units (Unit Type is Internal Combustion (diesel) (IC)),
- i equals 0.04963, c equals 1.03738 for conventional and pipeline hydroelectric units (Unit Types are Hydraulic Turbine - Conventional (HC) and Hydraulic Turbine - Pipeline (HL)),

- i equals 0.00922, c equals 1.00039, for pumped storage hydroelectric units (Unit Type is Hydraulic Turbine - Reversible (pumped storage) (HR)),
- i equals 0.02604, c equals 0.98289, for all other units (Unit Types are Fuel Cell (FC), Steam Turbine - Geothermal (GE), Ocean Thermal Turbine (OC), Photovoltaic (SP), Steam Turbine - Solar (SS), and Wind Turbine (WT)).
- Net Winter Capability equals $(E^{**}i) * (\text{Generator Nameplate Capacity}^{**}c)$, rounded to nearest megawatt,

where

- E, the base of natural logarithms (ln), is approximately 2.71828,
- Generator Nameplate Capacity is expressed in megawatts for conventional hydroelectric and pipeline hydroelectric units, and in kilowatts for all other unit types,
- i is the intercept, and c is the regression coefficient,
- i equals 0.1614, c equals 0.98373, for steam units (Unit Type is ST),
- i equals 0.2249, c equals 0.97881, for gas-turbine units (Unit Types are GT and JE),
- i equals 0.9626, c equals 0.90413, for combined-cycle units (Unit Types are CA, CS, CW, and CT),
- i equals 0.1378, c equals 1.02501, for internal combustion units (Unit Type is IC),
- i equals 0.0608, c equals 1.02560, for conventional and pipeline hydroelectric units (Unit Types are HC and HL),
- i equals 0.1167, c equals 1.08540, for pumped storage hydroelectric units (Unit Type is HR),
- i equals 0.2859, c equals 0.96587, for all other units (Unit Types are FC, GE, OC, SP, SS, and WT).

Average Heat Content

Heat content values (Table C1) collected on the FERC Form 423 were used to convert the consumption data from the Form EIA-759 into Btu. Respondents to FERC Form 423 represent a subset of all generating plants (steam plants with a capacity of 50 megawatts or larger), while Form EIA-759 respondents represent all generating plants. 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.
3. The magnitudes of changes due to revisions experienced in the past will be included in the data reports, so that the reader can assess the accuracy of the data.
4. After data are published as final, corrections will be made only in the event of a greater than one percent difference at the national level. Corrections for differences that are less than the before-mentioned threshold are left to the discretion of the Office Director. Note that in this discussion, changes or revisions are referred to as "errors."

In accordance with policy statement number 3, the mean values (unweighted average) for the 12 monthly revisions of each item are provided at the U.S. level for the past 2 years (Table C2). For example, the mean of the 12 monthly absolute errors (absolute differences between preliminary and final monthly data) for coal-fired generation in 1991 was 250. That is, on average, the absolute value of the change made each month to coal-fired generation was 250 million kilowatthours.

The U.S. total net summer capability, updated monthly in the EPM (Table 1), is based solely on new electric generating units and retirements which come to the attention of the EIA during the year through telephone calls with electric utilities and on the Form EIA-759, "Monthly Power Plant Report." Data on net summer capability, including new electric generating units, are collected annually on the Form EIA-860, "Annual Electric Generator Report." The data are published in the *Inventory of Power Plants* as preliminary data. Final

data for net summer capability are published in the *Electric Power Annual* (EPA). With respect to net summer capability published in the EPM, the EIA examines the accuracy of that data by comparing the annual total value with the final annual total value published in the EPA. For 1991, the absolute value of the change was 143 megawatts. Final data for 1992 are not available at this time.

NERC Aggregation

Beginning in January 1986, NERC region totals for the Form EIA-759 are aggregates based on membership of the individual electric utilities in NERC. Prior to January 1986, NERC region totals were aggregates defined by the physical location of the power plants generating electricity.

Use of the Glossary

The terms in the glossary have been defined for general use. Restrictions on the definitions as used in these data collection systems are included in each definition when necessary to define the terms as they are used in this report.

Obtaining Copies of Data

Upon EIA approval of the *EPM*, the data become available for public use on a cost-recovery basis.

Computer listings are obtained by submitting a written request to:

Energy Information Administration, EI-521
Forrestal Building
U.S. Department of Energy
Washington, DC 20585

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

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

Data for Table C1 include all quality of fuels. For a detailed breakdown on types of coal, petroleum and gas, see Tables 40, 44, and 48, respectively.

Table C1. Average Heat Content of Fossil-Fuel Receipts, May 1993

Census Division and State	Coal (Btu per ton)	Petroleum (Btu per barrel)	Gas (Btu per thousand cubic feet)
New England	26,244,067	6,393,101	1,026,622
Connecticut	26,212,348	6,419,130	1,030,000
Maine	--	5,840,058	--
Massachusetts	26,272,472	6,372,713	1,027,192
New Hampshire	26,176,296	6,462,852	1,016,000
Rhode Island	--	--	--
Vermont	--	--	999,000
Middle Atlantic	25,151,493	6,338,486	1,032,959
New Jersey	27,487,424	6,225,272	1,034,406
New York	25,895,750	6,357,001	1,032,881
Pennsylvania	24,896,397	6,049,302	1,029,788
East North Central	21,862,475	6,129,866	577,563
Illinois	20,763,458	6,315,130	1,014,213
Indiana	21,406,179	5,747,134	1,019,449
Michigan	21,420,228	6,071,223	* 167,567
Ohio	24,325,930	5,789,631	1,029,147
Wisconsin	19,263,518	5,852,690	1,005,061
West North Central	16,921,471	5,813,162	989,168
Iowa	17,302,884	5,865,747	1,001,533
Kansas	17,106,214	5,796,000	979,975
Minnesota	17,609,518	5,840,976	1,011,874
Missouri	19,870,697	5,814,250	1,011,121
Nebraska	17,043,562	--	974,592
North Dakota	13,313,602	5,786,582	--
South Dakota	12,124,000	--	--
South Atlantic	24,999,372	6,359,588	1,009,349
Delaware	26,032,204	6,397,768	1,032,486
District of Columbia	--	5,753,748	--
Florida	24,681,234	6,367,696	1,007,884
Georgia	24,466,284	5,816,802	1,023,825
Maryland	25,442,996	6,207,520	1,048,960
North Carolina	24,985,092	5,813,638	1,033,000
South Carolina	25,585,192	5,796,000	1,024,000
Virginia	25,664,317	5,792,529	1,048,997
West Virginia	25,132,079	5,847,369	1,000,000
East South Central	23,992,729	6,305,144	1,016,464
Alabama	24,241,932	5,741,597	1,006,787
Kentucky	23,454,768	5,821,071	1,022,449
Mississippi	24,510,386	6,371,270	1,017,816
Tennessee	24,277,302	5,853,384	--
West South Central	15,275,075	6,368,348	1,028,137
Arkansas	17,233,708	5,743,354	1,115,737
Louisiana	16,072,081	6,401,154	1,041,414
Oklahoma	17,244,800	--	1,047,851
Texas	14,633,578	--	1,022,817
Mountain	19,743,471	5,845,412	1,022,595
Arizona	20,567,202	5,998,776	1,029,156
Colorado	19,949,148	5,752,656	986,659
Idaho	--	--	--
Montana	17,020,636	5,922,000	1,206,163
Nevada	22,472,950	5,817,000	1,021,846
New Mexico	17,932,308	5,712,000	1,016,025
Utah	22,978,152	5,880,000	1,042,000
Wyoming	17,121,314	5,880,000	1,059,000
Pacific Contiguous	16,074,704	5,878,555	1,030,401
California	--	--	1,030,401
Oregon	16,852,000	--	--
Washington	16,047,270	5,878,555	1,050,000
Pacific Noncontiguous	--	6,257,589	998,214
Alaska	--	--	998,214
Hawaii	--	6,257,589	--
U.S. Average	20,769,046	6,345,398	1,018,959

* Consists mostly of blast furnace gas which has a heat content of 77,000 Btu per thousand cubic feet.

Note: Data for 1993 are preliminary.

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

Table C2. Accuracy of Preliminary Monthly Values Compared With Final Monthly Values at the U.S. Level, 1991 and 1992

Item	Mean Absolute Value of Change	
	1991	1992
Generation (million kilowatthours)		
Coal	250	69
Petroleum	27	42
Gas	64	15
Hydroelectric	5	13
Nuclear	3	2
Other ¹	3	0
Total	288	104
Consumption		
Coal (thousand short tons)	88	85
Petroleum (thousand barrels)	35	71
Gas (million cubic feet)	644	163
Stocks²		
Coal (thousand short tons)	1,613	345
Petroleum (thousand barrels)	131	49
Sales (million kilowatthours)		
Residential	114	65
Commercial	83	51
Industrial	334	320
Other ³	50	29
Total	423	409
Revenue (million dollars)		
Residential	11	4
Commercial	4	4
Industrial	10	8
Other ³	3	2
Total	18	14
Average Revenue per Kilowatthour (cents)		
Residential	.0	.0
Commercial	.0	.0
Industrial	.0	.0
Other ³	.0	.0
Total	.0	.0
Receipts		
Coal (thousand short tons)	280	59
Petroleum (thousand barrels)		46
Gas (million cubic feet)	59	147
Cost (cents per million Btu)		
Coal	.0	.0
Petroleum	.0	.0
Gas	.0	.0

¹ Includes geothermal, wood, waste, 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.

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, Electric Power Annual, and the Cost and Quality of Fuels for Electric Utility Plants. •Mean absolute value of change is the un-weighted 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." •Federal Energy Regulatory Commission: FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table C3. Unit-of-Measure Equivalents for Electricity

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

Source: Energy Information Administration, Survey Management Division.

Table C4. Comparison of Published Data at the State Level, 1990 and 1991, by End-use Sector

Item	1990			1991		
	EIA-826	EIA-861	Difference (Percent)	EIA-826	EIA-861	Difference (Percent)
Sales (million kilowatthours)						
Residential	921,473	924,019	0.3	957,801	955,417	-0.2
Commercial	750,835	751,027	*	765,476	765,664	*
Industrial	936,428	945,522	1.0	944,684	946,583	.2
Other ¹	85,936	91,988	-4.3	96,513	94,339	-2.3
All Sectors	2,704,672	2,712,555	.3	2,764,474	2,762,003	-.1
Revenue (million dollars)						
Residential	72,332	72,378	.1	77,142	76,828	-.4
Commercial	55,080	55,117	.1	57,471	57,655	.3
Industrial	44,453	44,857	.9	45,803	45,737	-.1
Other ¹	5,941	5,891	-.9	6,207	6,138	-1.1
All Sectors	177,806	178,243	.2	186,624	186,359	-.1
Average Revenue per Kilowatthour (cents)						
Residential	7.8	7.8	-.2	8.1	8.0	-.2
Commercial	7.3	7.3	*	7.5	7.5	.3
Industrial	4.7	4.7	-.1	4.8	4.8	-.3
Other ¹	6.2	6.4	3.3	6.4	6.5	1.2
All Sectors	6.6	6.6	*	6.8	6.7	-.1

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

* Value less than 0.1.

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

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

Glossary

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

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

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

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

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

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

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

Baseload Plant: A plant, usually housing high-efficiency steam-electric units, which is normally operated to take all or part of the minimum load of a system, and which consequently produces electricity

at an essentially constant rate and runs continuously. These units are operated to maximize system mechanical and thermal efficiency and minimize system operating costs.

Bcf: The abbreviation for 1 billion cubic feet.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Gross Generation: The total amount of electric energy produced by the generating units at a generating station or stations, measured at the generator terminals.

Net Generation: Gross generation less the electric energy consumed at the generating station for station use.

Generator: A machine that converts mechanical energy into electrical energy.

Generator Nameplate Capacity: The full-load continuous rating of a generator, prime mover, or other electric power production equipment under specific conditions as designated by the manufacturer. Installed generator nameplate rating is usually indicated on a nameplate physically attached to the generator.

Geothermal Plant: A plant in which the prime mover is a steam turbine. The turbine is driven either by steam produced from hot water or by natural steam that derives its energy from heat found in rocks or fluids at various depths beneath the surface of the earth. The energy is extracted by drilling and/or pumping.

Gigawatt (GW): One billion watts.

Gigawatthour (GWh): One billion watthours.

Gross Generation: The total amount of electric energy produced by a generating facility, as measured at the generator terminals.

Heavy Oil: The fuel oils remaining after the lighter oils have been distilled off during the refining process. Except for start-up and flame stabilization, virtually all petroleum used in steam plants is heavy oil.

Horsepower: A unit for measuring the rate of work (or power) equivalent to 33,000 foot-pounds per minute or 746 watts.

Hydroelectric Plant: A plant in which the turbine generators are driven by falling water.

Instantaneous Peak Demand: The maximum demand at the instant of greatest load.

Integrated Demand: The summation of the continuously varying instantaneous demand averaged over a specified interval of time. The information is usually determined by examining a demand meter.

Internal Combustion Plant: A plant in which the prime mover is an internal combustion engine. An internal combustion engine has one or more cylinders in which the process of combustion takes place, converting energy released from the rapid burning of a fuel-air mixture into mechanical energy. Diesel or gas-fired engines are the principal types used in electric plants. The plant is usually operated during periods of high demand for electricity.

Interruptible Gas: Gas sold to customers with a provision that permits curtailment or cessation of service at the discretion of the distributing company under certain circumstances, as specified in the service contract.

Kilowatt (kW): One thousand watts.

Kilowatthour (kWh): One thousand watthours.

Light Oil: Lighter fuel oils distilled off during the refining process. Virtually all petroleum used in internal combustion and gas-turbine engines is light oil.

Lignite: A brownish-black coal of low rank with high inherent moisture and volatile matter (used almost exclusively for electric power generation). It is also referred to as brown coal. Comprises two groups classified according to the following ASTM Specification D388-84 for calorific values on a moist material-matter-free basis:

	Limits Btu/lb.	
	GE	LT
Lignite A	6300	8300
Lignite B	-	6300

Maximum Demand: The greatest of all demands of the load that has occurred within a specified period of time.

Mcf: One thousand cubic feet.

Megawatt (MW): One million watts.

Megawatthour (MWh): One million watthours.

MMcf: One million cubic feet.

Natural Gas: A naturally occurring mixture of hydrocarbon and nonhydrocarbon gases found in porous geological formations beneath the earth's surface, often in association with petroleum. The principal constituent is methane.

Net Energy for Load: Net generation of main generating units that are system-owned or system-operated plus energy receipts minus energy deliveries.

Net Generation: Gross generation minus plant use from all electric utility owned plants. The energy required for pumping at a pumped-storage plant is regarded as plant use and must be deducted from the gross generation.

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

Noncontingential 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. NERC consists of nine regional reliability councils and encompasses essentially all the power regional of the contiguous United States, Canada, and Mexico. The NERC Regions are:

ASCC - Alaskan System Coordination Council

ECAR - East Central Area Reliability Coordination Agreement

ERCOT - Electric Reliability Council of Texas

MAIN - Mid-America Interconnected Network

MAAC - Mid-Atlantic Area Council

MAPP - Mid-Continent Area Power Pool

NPCC - Northeast Power Coordinating Council

SERC - Southeastern Electric Reliability Council

SPP - Southwest Power Pool

WSCC - Western Systems Coordinating Council

Nuclear Fuel: Fissionable materials that have been enriched to such a composition that, when placed in a nuclear reactor, will support a self-sustaining fission chain reaction, producing heat in a controlled manner for process use.

Nuclear Power Plant: A 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 those 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, diesel, or pumped-storage hydroelectric equipment normally used during the peak-load periods.

Peaking Capacity: Capacity of generating equipment normally reserved for operation during the hours of highest daily, weekly, or seasonal loads. Some generating equipment may be operated at certain times as peaking capacity and at other times to serve loads on an around-the-clock basis.

Percent Difference: The relative change in a quantity over a specified time period. It is calculated as follows: the current value has the previous value subtracted from it; this new number is divided by the absolute value of the previous value; then this new number is multiplied by 100.

Petroleum: A mixture of hydrocarbons existing in the liquid state found in natural underground reservoirs, often associated with gas. Petroleum includes fuel oil No. 2, No. 4, No. 5, No. 6; topped crude; Kerosene; and jet fuel.

Petroleum Coke: See Coke (Petroleum).

Petroleum (Crude Oil): A naturally occurring, oily, flammable liquid composed principally of hydrocarbons. Crude oil is occasionally found in springs or pools but usually is drilled from wells beneath the earth's surface.

Plant: A facility at which are located prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or nuclear energy into electric energy. A plant may contain more than one type of prime mover. Electric utility plants exclude facilities that satisfy the definition of a qualifying facility under the Public Utility Regulatory Policies Act of 1978.

Plant Use: The electric energy used in the operation of a plant. Included in this definition is the energy required for pumping at pumped-storage plants.

Plant-Use Electricity: The electric energy used in the operation of a plant. This energy total is subtracted from the gross energy production of the plant; for reporting purposes the plant energy production is then reported as a net figure. The energy required for pumping at pumped-storage plants is, by definition, subtracted, and the energy production for these plants is then reported as a net figure.

Power: The rate at which energy is transferred. Electrical energy is usually measured in watts. Also used for a measurement of capacity.

Price: The amount of money or consideration in-kind for which a service is bought, sold, or offered for sale.

Prime Mover: The motive force that drives an electric generator (e.g., steam engine, turbine, or water wheel).

Production (Electric): Act or process of producing electric energy from other forms of energy; also, the amount of electric energy expressed in watt-hours (Wh).

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

Steady 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.

Steady Service: Support service that is available, as needed, to supplement a consumer's 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 a 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.

Watt-hour (Wh): An electrical energy unit of measure equal to 1 watt of power supplied to, or taken from, an electric circuit steadily for 1 hour.

Wheeling Service: The movement of electricity from one system to another over transmission facilities of intervening 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.

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